Northern States Power Company
Before the
Minnesota Public Utilities Commission

Application for Authority to
Increase Electric Rates in Minnesota
Docket No. E002/GR-20-723

November 2, 2020

Volume 2E

Proposed Tariff Sheets

2021 to 2023 Proposed Tariffs

We provide proposed tariff sheets in Volume 2E which contain clean and redline sections for 2021, 2022 and 2023.

The 2021 tariffs include all rate book sheets where rate or language changes are proposed. In addition, the 2021 tariffs include all section five sheets to provide the complete tariff. No changes or markups appear on those sheets and have been provided to assist in the review of the proposed tariffs.

The Summary List of Tariff Changes notes all sheets with proposed changes.

- Sheets with "PROPOSED" in the header reflect non-rate related changes.
- Sheets with 2021 PROPOSED in the header include proposed 2021 rate changes and in limited occurrences, a non-rate related change.

For years 2022 and 2023, tariff sheets have been provided only where proposed rate changes are included since the non-rate related changes in the 2021 proposed tariffs would be applicable for all three years.

Interim rate sheet proposals for years 2021 and 2022 are provided in Volume 1.

Summary List of 2021 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
Table of Contents	1-2		1. Deleted "Real Time Pricing".
Table of Contents	1-3		1. Added "Interim Rate Surcharge Rider". 2. Added "Revenue Decoupling Rider."
Table of Contents	1-4		Updated to include existing tariff sheets: 1. Voluntary Renewable*Connect Rider Service Agreement 2. Voluntary Renewable*Connect Government Rider Service Agreement 3. Customer Mobile Application Terms of Use
Index of Company's Service Area	3-1 through 3-8		Various service area updates.
Section 5-Table of Contents	5-TOC-1, 5-TOC-2		1. Deleted "Real Time Pricing". 2. Added "Revenue Decoupling Rider".
Residential Service	5-1	A00, A01, A03	Rate changes.
Residential Time of Day Service	5-2	A02, A04	Rate changes.
Residential Time of Use Pilot Program Service	5-4.1	A72, A74	Rate changes.
Residential Electric Vehicle Service	5-5, 5-6	A08	1. Rate changes. 2. Deleted obsolete language.
Residential Electric Vehicle Pilot Service	5-7, 5-8.2	A81, A82, A83	Rate changes.
Energy Controlled Service (Non-Demand Metered)	5-9	A05	Rate changes.
Limited Off Peak Service	5-11	A06	Rate changes.
Limited Off Peak Service	5-12	A06	Rate change.
Automatic Protective Lighting Service	5-14	A07	Rate changes.
Small General Service	5-21, 5-22	A09, A10, A11, A13	1. Rate changes. 2. Changed language in Revenue Decoupling Mechanism Rider paragraph.
Small General Time of Day Service	5-23, 5-24.1	A12, A16, A18, A22	Rate changes.

Summary List of 2021 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
General Service	5-26	A14	Rate changes.
General Time of Day Service	5-29	A15, A17, A19	Rate changes.
Peak Controlled Service	5-40	A23	Rate changes.
Peak Controlled Time of Day Service	5-44, 5-45	A24	Rate changes.
Rules for Application of Peak Controlled Services	5-48, 5-49, 5-50		1. Added two rules. 2. Renumbered 5-49, 5-50.
Electric Vehicle Fleet Pilot Service	5-51	A87, A88, A89	Rate changes.
Electric Vehicle Public Charging Pilot Service	5-52	A90	Rate changes.
Real Time Pricing Service	5-64, 5-65, 5-65.1, 5-66, 5-67, 5-68	A62 (Firm), A63 (Controllable)	Propose to cancel.
Hiawatha Light Rail Line Tariff	5-71	A29	Rate changes.
Street Lighting System Service	5-74	A30	Rate changes.
Street Lighting Energy Service (Closed)	5-76	A32	Rate changes.
Street Lighting Energy Service – Metered	5-78	A34	Rate changes.
Street Lighting Service – City of St. Paul	5-80	A37	Rate changes.
Small Municipal Pumping Service	5-85	A40	Rate changes.
Municipal Pumping Service	5-87	A41	Rate changes.
Fire and Civil Defense Siren Service	5-89	A42	Rate changes.
Fuel Clause Rider	5-91, 5-91.3		1. Updated ratios. 2. Added "Electric Vehicle Fleet Pilot (A87, A88, A89)" and "Electric Vehicle Public Charging Pilot (A90)" 3. Deleted "Real Time Pricing (A62, A63).

Summary List of 2021 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
Conservation Improvement Program Adjustment Rider	5-92.1		Rate changes.
Residential Controlled Air Conditioning and Water Heating Rider	5-97, 5-98		Change to rate structure.
Standby Service Rider	5-101,		Rate changes.
Supplemental Generation Service Rider	5-108,		Rate changes.
Tier 1 Energy Controlled Service Rider	5-115	A27	Rate changes.
Revenue Decoupling Mechanism-Demand Rider	5-118.1, 5-118.2		New rider.
Photovoltaic Demand Credit Rider	5-125	A85, A86	Customer Charge change
Business Incentive and Sustainability Rider	5-139, 5-140, 5-141, 5-141.1		1. Relocated text. 2. Added off-peak energy charge discount
[redacted]			
General Rules and Regulations	6-14		1. Updated payment options. 2. Language change to reflect future AMI meters.
General Rules and Regulations	6-14.1		Clarified language.
General Rules and Regulations	6-17.3		Corrected reference letter.
General Rules and Regulations	6-23, 6-24		Rate changes.
General Rules and Regulations	6-27		Update to the definition of "Municipality"
General Rules and Regulations	6-28, 6-28.1		1. Updated definitions under Special Facilities. 2. Relocated 'D. Underground Facilities Requirements' to new sheet 6-28.1. 3. Added sheet 6-28.1 to fit additional language.
General Rules and Regulations	6-35		Clarified language.
[redacted]			

Summary List of 2021 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
Section 7-Table of Contents	7-TOC-1		Updated to include existing tariff sheets: Customer Mobile Application Terms of Use.
Underground Gas and/or Electric Distribution Agreement	7-42		Deleted extra punctuation.
Underground Gas and/or Electric Distribution Agreement	7-43		Modified Xcel Energy signatory section.
Distributed Generation Standard Interconnection and Power Purchase Tariff	10-75		Corrected spelling.

Minnesota Electric Rate Book - MPUC No. 2
2021 Proposed Tariff Sheets

Sheet No. 1-2, revision 11
Sheet No. 1-3, revision 18
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* = No substantive changes to sheet but included to provide complete tariff.

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* = No substantive changes to sheet but included to provide complete tariff.

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2021 Proposed Tariff Sheets

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* = No substantive changes to sheet but included to provide complete tariff.

2021 Proposed Tariffs
Clean

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INDEX OF COMPANY'S SERVICE AREA

Section No. 3
7th Revised Sheet No. 1

Northern States Power Company supplies electric service at retail in the State of Minnesota in the incorporated municipalities, unincorporated named communities and hamlets, townships, and counties listed below.

COMMUNITIES	AREA OFFICE
Aetna Township	South Dakota
Afton	Metro East
Albany	Northwest
Albany Township	Northwest
Albertville	Northwest
Alma City (U)	Southeast
Almelund (U)	Metro East
Alton Township	Southeast
Altura	Southeast
Amador Township	Metro East
Annandale	Northwest
Anoka County	Metro East & Metro West
Apple Valley	Metro East
Arden Hills	Metro East
Ashland Township	Southeast
Atwater	Northwest
Averill (U)	North Dakota
Avon	Northwest
Avon Township	Northwest
Baker (U)	North Dakota
Balaton	South Dakota
Bancroft Township	Northwest
Bangor Township	Northwest
Bath Township	Southeast
Bayport	Metro East
Baytown Township	Metro East
Beauford (U)	Southeast
Beauford Township	Southeast
Becker	Northwest
Becker Township	Northwest
Belgrade	Northwest
Belle Creek Township	Southeast
Belle Plaine	Metro West & Southeast
Belle Plaine Township	Southeast
Bellechester	Southeast
Belvidere Township	Southeast
Belview	Northwest
Benton County	Northwest
Benton Township	Metro West
Bergen Township	Metro West
Big Lake	Northwest
Big Lake Township	Northwest
Birch Cooley Township	Northwest
Birchwood	Metro East
Birchwood Village	Metro East
Bird Island	Northwest
Bird Island Township	Northwest
Blaine	Metro East & Metro West
Blakely Township	Southeast
Blomkest	Northwest
Blooming Grove Township	Southeast
Bloomington	Metro West
Blue Earth County	Southeast
Bombay (U)	Southeast
Borup	North Dakota
Bridgewater Township	Southeast
Brighton Township	Southeast
Brockway Township	Northwest
Brooklyn Center	Metro West
Brooklyn Park	Metro West
Brooten	Northwest
Brown County	Northwest

(U) Unincorporated

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INDEX OF COMPANY'S SERVICE AREA

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Buffalo	Northwest	Castle Rock Township	Metro East & Southeast
Buffalo Lake	Northwest	Center City	Metro East
Buffalo Township	Northwest	Centerville	Metro East
Burbank Township	Northwest	Champlin	Metro West
Burnsville	Metro West	Chandler	South Dakota
Butterfield	Southeast	Chanhassen	Metro West
Byron	Southeast	Chaska	Metro West
Camden Township	Metro West	Cherry Grove Township	Southeast
Camp Release Township	Northwest	Chester Township	Southeast
Canisteo Township	Southeast	Chippewa County	Northwest
Cannon City (U)	Southeast	Chisago City	Metro East
Cannon City Township	Southeast	Chisago County	Metro East
Cannon Falls	Southeast	Chisago Lake Township	Metro East
Cannon Falls Township	Southeast		
Carver	Metro West		
Carver County	Metro West		

(U) Unincorporated

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INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE
Circle Pines	Metro East
Clara City	Northwest
Claremont	Southeast
Claremont Township	Southeast
Clarkfield	Northwest
Clarks Grove	Southeast
Clay County	North Dakota
Clear Lake	Northwest
Clear Lake Township	Northwest
Clearwater	Northwest
Clements	Northwest
Cleveland	Southeast
Clinton Falls (U)	Southeast
Clinton Falls Township	Southeast
Coates	Metro East
Cobden	Northwest
Cokato	Northwest
Cokato Township	Northwest
Cold Spring	Northwest
Collegeville Township	Northwest
Collins Township	Northwest
Collinwood Township	Northwest
Cologne	Metro West
Columbia Heights	Metro West
Comstock	North Dakota
Concord (U)	Southeast
Concord Township	Southeast
Coon Rapids	Metro West
Corcoran	Metro West & Northwest
Corinna Township	Northwest
Cosmos	Northwest
Cosmos Township	Northwest
Cottage Grove	Metro East
Cottonwood	Northwest
Courtland	Southeast
Courtland Township	Southeast
Credit River Township	Southeast
Crow Lake Township	Northwest
Crystal	Metro West
Currie	South Dakota
Custer Township	Northwest
Dahlgren Township	Metro West
Dakota	Southeast
Dakota County	Metro East, Metro West & Southeast
Danube	Northwest
Dassel	Northwest
Dassel Township	Northwest
Dayton	Northwest
Deephaven	Metro West
Deerfield Township	Southeast
Delano	Northwest
Delhi	Northwest
Dellwood	Metro East
Denmark Township	Metro East

(U) Unincorporated

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INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
6th Revised Sheet No. 2.1

COMMUNITIES	AREA OFFICE
Dennison	Southeast
Dilworth	North Dakota
Dodge Center	Southeast
Dodge County	Southeast
Douglas County	Northwest
Dresbach (U)	Southeast
Dresbach Township	Southeast
Dryden Township	Southeast
Dundas	Southeast

(U) Unincorporated

(Continued on Sheet No. 3-3)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE		COMMUNITIES	AREA OFFICE	
Eagan	Metro East		Forest Lake Township	Metro East	
Eagle Lake	Southeast		Fort Snelling	Metro West	
East Bethel	Metro East		Franconia Township	Metro East	
Echo	Northwest		Franklin	Northwest	
Echo Township	Northwest		Franklin Township	Northwest	
Eden Lake Township	Northwest		Freeborn County	Southeast	
Eden Prairie	Metro West		Freedom Township	Southeast	
Eden Township	South Dakota		Freeport	Northwest	
Eden Valley	Northwest		Fridley	Metro West	
Edgerton	South Dakota		Friendship Township	Northwest	
Edina	Metro West		Frontenac (U)	Southeast	
Edwards Township	Northwest		Garden City Township	Southeast	
Elba	Southeast		Garvin	South Dakota	
Elko New Market	Southeast		Gaylord	Southeast	
Ellington Township	Southeast		Gem Lake	Metro East	
Elmer Township	South Dakota		Gibbon	Southeast	
Elmwood Township	North Dakota		Gillford Township	Southeast	
Elysian	Southeast		Gilmanton Township	Northwest	
Elysian Township	Southeast		Glasgow Township	Southeast	
Empire Township	Metro West		Glencoe	Metro West	
Emmet Township	Northwest	N	Glencoe Township	Metro West	
Essig (U)	Southeast		Glenwood	Northwest	
Evan	Northwest		Glenwood Township	Northwest	
Excelsior	Metro West		Glyndon	North Dakota	
Falcon Heights	Metro East		Glyndon Township	North Dakota	
Faribault	Southeast		Golden Valley	Metro West	
Faribault County	Southeast		Good Thunder	Southeast	
Farmington	Metro East		Goodhue	Southeast	
Faxon Township	Metro West		Goodhue County	Southeast	
Featherstone Township	Southeast		Goodhue Township	Southeast	
Felton	North Dakota		Goodview	Southeast	
Felton Township	North Dakota		Gordon Township	Northwest	
Florence	South Dakota		Grafton Township	Southeast	
Florence Township	Southeast		Granite Falls Township	Northwest	
Flowing Township	North Dakota		Grant	Metro East	
Foley	Northwest		Gray Township	South Dakota	N
Forest Lake	Metro East				

(U) Unincorporated

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INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Green Isle	Metro West & Southeast	Hampton	Southeast
Green Isle Township	Metro West & Southeast	Hampton Township	Southeast
Green Lake Township	Northwest	Hancock	Metro West
Greenfield	Metro West	Hanley Falls	Northwest
Greenfield Township	Northwest & Southeast	Hanover	Northwest
Greenvale Township	Southeast	Hartland	Southeast
Greenwald	Northwest	Hartland Township	Southeast
Greenwood	Metro West	Hassan Township	Northwest
Grey Cloud Island Township	Metro East	Hastings	Metro East
Grove Township	Northwest	Hatfield	South Dakota
Hadley	South Dakota	Haven Township	Northwest
Hale Township	Metro West	Hawk Creek Township	Northwest
Hamburg	Metro West	Hay Creek Township	Southeast
Hamel (U)	Metro West	Hayfield	Southeast
Hammond	Southeast	Hayfield Township	Southeast
		Hazel Run	Northwest

(U) Unincorporated

(Continued on Sheet No. 3-4)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE
Hector	Northwest
Hector Township	Northwest
Helen Township	Metro West
Helena Township	Southeast
Henderson	Southeast
Henderson Township	Southeast
Hennepin County	Metro West & Northwest
Hillsdale Township	Southeast
Hilltop	Metro West
Hokah	Southeast
Holden Township	Southeast
Holding Township	Northwest
Holdingford	Northwest
Holland	South Dakota
Holland Township	Northwest
Hollywood Township	Metro West
Holy Cross Township	North Dakota
Homer Township	Southeast
Hope Township	South Dakota
Hopkins	Metro West
Houston County	Southeast
Howard Lake	Northwest
Hugo	Metro East
Hyde Park Township	Southeast
Ihlen	South Dakota
Independence	Metro West
Inver Grove Heights	Metro East
Iona	South Dakota
Iosco Township	Southeast
Irving Township	Northwest
Jackson Township	Metro West
Jamestown Township	Southeast
Janesville	Southeast
Janesville Township	Southeast
Jasper	South Dakota
Jordan	Southeast

COMMUNITIES	AREA OFFICE
Kalmar Township	Southeast
Kandiyohi County	Northwest
Kasota Township	Southeast
Kasson	Southeast
Kellogg	Southeast
Kenyon Township	Southeast
Kilkenny	Southeast
Kilkenny Township	Southeast
Kimball	Northwest
Kingston	Northwest
Kingston Township	Northwest
Krain Township	Northwest
La Crescent	Southeast
La Crescent Township	Southeast
Lac Qui Parle County	Northwest
Lafayette	Southeast
Lake City	Southeast
Lake Elmo	Metro East
Lake Henry	Northwest
Lake Henry Township	Northwest
Lake Lillian	Northwest
Lake Lillian Township	Northwest
Lake St. Croix Beach	Metro East
Lake Township	Southeast
Lake Wilson	South Dakota
Lakeland	Metro East
Lakeland Shores	Metro East
Laketown Township	Southeast
Lakeville	Metro East
Landfall	Metro East

(U) Unincorporated

(Continued on Sheet No. 3-4.1)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Lanesburgh Township	Southeast	Lydia (U)	Southeast
Lauderdale	Metro East	Lynden Township	Northwest
Le Sauk Township	Northwest	Lyon County	Northwest & South Dakota
Lemond Township	Southeast		
Lent Township	Metro East	Lyra Township	Southeast
LeRay Township	Southeast	Madison Lake	Southeast
Lester Prairie	Metro West	Mahtomedi	Metro East
LeSueur County	Southeast	Maine Prairie Township	Northwest
Leven Township	Northwest	Manchester	Southeast
Lexington	Metro East	Manchester Township	Southeast
Lilydale	Metro East	Mankato	Southeast
Lime Township	Southeast	Mankato Township	Southeast
Lincoln Township	Southeast	Mantorville	Southeast
Lindstrom	Metro East	Mantorville Township	Southeast
Lino Lakes	Metro East	Maple Grove	Metro West
Linwood Township	Metro East	Maple Lake	Northwest
Little Canada	Metro East	Maple Lake Township	Northwest
Long Beach	Northwest	Maple Plain	Metro West
Long Lake	Metro West	Mapleton	Southeast
Lonsdale	Southeast	Mapleton Township	Southeast
Loretto	Metro West	Maplewood	Metro East
Lowry	Northwest	Marine-on-St. Croix	Metro East
Lura Township	Southeast	Marysville Township	Northwest
Luxemburg Township	Northwest		

(U) Unincorporated

(Continued on Sheet No. 3-5)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE
May Township	Metro East
Mayer	Metro West
Mayhew Lake Township	Northwest
Maynard	Northwest
Mazeppa	Southeast
Mazeppa Township	Southeast
McLeod County	Metro West & Northwest
McPherson Township	Southeast
Medford	Southeast
Medford Township	Southeast
Medicine Lake	Metro West
Medina	Metro West
Medo Township	Southeast
Meeker County	Northwest
Meire Grove	Northwest
Mendota	Metro East
Mendota Heights	Metro East
Meriden (U)	Southeast
Meriden Township	Southeast
Middleville Township	Northwest
Milford Township	Southeast
Millville	Southeast
Milton Township	Southeast
Minden Township	Northwest
Minneapolis	Metro West
Minneiska	Southeast
Minneiska Township	Southeast
Minneola Township	Southeast
Minnesota City	Southeast
Minnesota Falls Township	Northwest
Minnesota Lake	Southeast
Minnetonka	Metro West
Minnetonka Beach	Metro West
Minnetrista	Metro West
Minnewaska Township	Northwest
Moltke Township	Southeast
Monroe Township	South Dakota
Montevideo	Northwest
Monticello	Northwest
Monticello Township	Northwest
Montrose	Northwest
Moorhead	North Dakota
Moorhead Township	North Dakota
Morgan	Northwest
Morgan Township	Northwest
Morristown	Southeast
Morristown Township	Southeast
Morton	Northwest
Mound	Metro West
Mounds View	Metro East
Mount Pleasant Township	Southeast
Mount Vernon Township	Southeast
Mower County	Southeast
Munson Township	Northwest
Murray County	South Dakota
Murray Township	South Dakota
Nerstrand	Southeast
New Auburn	Southeast
New Brighton	Metro East
New Germany	Metro West
New Hartford Township	Southeast
New Haven Township	Southeast
New Hope	Metro West
New London	Northwest
New London Township	Northwest
New Market Township	Southeast
New Munich	Northwest
New Prague	Southeast
New Richland	Southeast
New Richland Township	Southeast
New Scandia Township	Metro East

(U) Unincorporated

(Continued on Sheet No. 3-5.1)

(U) Unincorporated

(Continued on Sheet No. 3-5.1)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE	
Newport	Metro East	Oak Center (U)	Southeast	
Nicollet	Southeast	Oak Park Heights	Metro East	
Nicollet County	Southeast	Oak Township	Northwest	
Nicollet Township	Southeast	Oakdale	Metro East	
Nininger Township	Metro East	Oakport Township	North Dakota	
Nodine (U)	Southeast	Oakwood Township	Southeast	
Norman County	North Dakota	Olmsted County	Southeast	
North Branch	Metro East	Orono	Metro West	
North Mankato	Southeast	Osakis	Northwest	
North Oaks	Metro East	Osseo	Metro West	
North St. Paul	Metro East	Osborne Township	South Dakota	N
Northfield	Southeast	Otisco (U)	Southeast	
Northfield Township	Southeast	Otisco Township	Southeast	
Norton Township	Southeast			
Norwood Young America	Metro West			

(U) Unincorporated

(Continued on Sheet No. 3-6)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE
Otsego	Northwest
Ottawa Township	Southeast
Owatonna	Southeast
Owatonna Township	Southeast
Paxton Township	Northwest
Paynesville	Northwest
Paynesville Township	Northwest
Pemberton	Southeast
Pepin Township	Southeast
Pine Island	Southeast
Pine Island Township	Southeast
Pine Springs	Metro East
Pipestone	South Dakota
Pipestone County	South Dakota
Plato	Metro West
Pleasant Hill Township	Southeast
Plymouth	Metro West
Pope County	Northwest
Posen Township	Northwest
Prinsburg	Northwest
Prior Lake	Southeast
Ramsey County	Metro East & Metro West
Randolph	Southeast
Randolph Township	Southeast
Rapidan (U)	Southeast
Raymond	Northwest
Reads Landing (U)	Southeast
Red Wing	Southeast
Redwood County	Northwest
Regal	Northwest
Renville	Northwest
Renville County	Northwest
Rheiderland Township	Northwest
Rice	Northwest
Rice County	Southeast
Rich Valley Township	Northwest
Richfield	Metro West
Richmond	Northwest
Ridgeway (U)	Southeast
Ripley Township	Southeast
Riverton Township	North Dakota
Robbinsdale	Metro West
Rock Lake Township	South Dakota
Rock Township	South Dakota
Rockford	Metro West
Rockford Township	Metro West
Rockville	Northwest
Rockville Township	Northwest
Rogers	Northwest
Rollingstone	Southeast
Rollingstone Township	Southeast
Roscoe	Northwest
Roscoe Township	Southeast
Roseland (U)	Southeast
Roseland Township	Southeast
Rosemount	Metro East
Roseville	Metro East
Rosewood Township	Northwest
Ruthton	South Dakota
Sabin	North Dakota
Sacred Heart	Northwest
Sacred Heart Township	Northwest
Salem Township	Southeast
San Francisco Township	Metro West
Sand Creek Township	Southeast
Sartell	Northwest
Sauk Rapids	Northwest
Sauk Rapids Township	Northwest
Savage	Metro West & Southeast
Scandia (U)	Metro East
Sciota Township	Southeast

(U) Unincorporated

(Continued on Sheet No. 3-6.1)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Scott County	Metro West & Southeast	Shorewood	Metro West
Sedan	Northwest	Sibley County	Metro West, Northwest & Southeast
Severence Township	Southeast		
Shafer	Metro East	Sibley Township	Southeast
Shafer Township	Metro East	Silver Lake	Metro West
Shakopee	Metro West	Skyline	Southeast
Sherburne County	Northwest	Slayton	South Dakota
Sherman Township	Northwest	Slayton Township	South Dakota
Shetek Township	South Dakota		
Shieldsville Township	Southeast		
Shoreview	Metro East		

(U) Unincorporated

(Continued on Sheet No. 3-7)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE		COMMUNITIES	AREA OFFICE	
Smiths Mill (U)	Southeast		Starbuck	Northwest	
South Bend (U)	Southeast		Stearns County	Northwest	
South Bend Township	Southeast		Steele County	Southeast	
South Haven	Northwest		Stewart	Northwest	
South St. Paul	Metro East		Stillwater	Metro East	
Southside Township	Northwest		Stillwater Township	Metro East	
Sparta Township	Northwest		Stockholm Township	Northwest	
Spicer	Northwest		Stoneham Township	Northwest	
Spring Hill	Northwest		Stony Run Township	Northwest	
Spring Lake Park	Metro West		Sumter Township	Northwest	
Spring Lake Township	Southeast		Sunfish Lake	Metro East	
Spring Park	Metro West		Sunrise (U)	Metro East	
Spring Prairie Township	North Dakota		Sunrise Township	Metro East	
St. Anthony	Metro West		Swedes Forest Township	Northwest	
St. Augusta	Northwest		Taylors Falls	Metro East	
St. Bonifacius	Metro West		Todd County	Northwest	
St. Clair	Southeast		The Lakes (U)	South Dakota	N
St. Cloud	Northwest		Tonka Bay	Metro West	
St. Joseph	Northwest		Tracy	South Dakota	
St. Joseph Township	Northwest		Trosky	South Dakota	
St. Louis Park	Metro West		Tunsberg Township	Northwest	
St. Martin	Northwest		Tyrone Township	Southeast	
St. Mary Township	Southeast		Union Grove Township	Northwest	
St. Mary's Point	Metro East		Vadnais Heights	Metro East	
St. Michael	Northwest		Vermillion	Southeast	
St. Paul	Metro East		Vermillion Township	Southeast	
St. Paul Park	Metro East		Veseli (U)	Southeast	
St. Wendell Township	Northwest	N	Victor Township	Northwest	
Stacy	Metro East		Victoria	Metro West	
Stanton (U)	Southeast		Villard	Northwest	
Stanton Township	Southeast				

(U) Unincorporated

(Continued on Sheet No. 3-7.1)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Wabasha	Southeast	Waseca	Southeast
Wabasha County	Southeast	Waseca County	Southeast
Waconia	Metro West	Washington County	Metro East
Waconia Township	Metro West	Washington Lake Township	Metro West
Wacouta Township	Southeast	Wasioja (U)	Southeast
Waite Park	Northwest	Wasioja Township	Southeast
Wakefield Township	Northwest	Watab Township	Northwest
Walcott Township	Southeast	Waterford Township	Southeast
Waldorf	Southeast	Watertown	Metro West
Waltham	Southeast	Watertown Township	Metro West
Waltham Township	Southeast	Waterville	Southeast
Wanamingo	Southeast	Waterville Township	Southeast
Wanamingo Township	Southeast	Watkins	Northwest
Warsaw (U)	Southeast		
Warsaw Township	Southeast		

(U) Unincorporated

(Continued on Sheet No. 3-8)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE
Watopa Township	Southeast
Watson	Northwest
Waverly	Northwest
Wayzata	Metro West
Weaver (U)	Southeast
Webster (U)	Southeast
Webster Township	Southeast
Wegdahl (U)	Northwest
Wells Township	Southeast
West Concord	Southeast
West Lakeland Township	Metro East
West St. Paul	Metro East
West Union	Northwest
Westport	Northwest
Westport Township	Northwest
Wheatland Township	Southeast
Wheeling Township	Southeast
White Bear Lake	Metro East
White Bear Lake Township	Northwest
White Bear Township	Metro East
Willernie	Metro East
Wilson Township	Southeast
Wilton Township	Southeast
Winona	Southeast
Winona County	Southeast
Winona Township	Southeast
Winsted	Metro West
Witoka (U)	Southeast
Wolverton	North Dakota
Wood Lake	Northwest
Wood Lake Township	Northwest
Woodbury	Metro East
Woodland	Metro West
Woodland Township	Southeast
Woodstock	South Dakota
Woodville Township	Southeast
Wright County	Metro West & Northwest
Wyoming	Metro East
Wyoming Township	Metro West
Yellow Medicine County	Northwest
Young America Township	Metro West
Zion Township	Northwest
Zumbro Falls	Southeast
Zumbrota	Southeast
Zumbrota Township	Southeast

(U) Unincorporated

Item Sheet No.

RESIDENTIAL
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Item Sheet No.

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RESIDENTIAL SERVICE Section No. 5
RATE CODE A00, A01, A03 32nd Revised Sheet No. 1

AVAILABILITY
Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Standard	Electric Space Heating	
Customer Charge per Month – Water Heating (A00)	$0.00	N/A	
– Overhead (A01)	$9.50	$11.50	R
– Underground (A03)	$11.50	$13.50	R
Energy Charge per kWh			
June - September	$0.12823	$0.12823	R
Other Months	$0.11137	$0.07988	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

(Continued on Sheet No. 5-1.1)

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

LOW INCOME ENERGY DISCOUNT
Energy discount is available to qualified low income customers under this schedule subject to the provisions contained in the Low Income Energy Discount Rider.

OTHER PROVISIONS
This schedule is also subject to provisions contained in Rules for Application of Residential Rates.

RESIDENTIAL TIME OF DAY SERVICE Section No. 5
RATE CODE A02, A04 32nd Revised Sheet No. 2

AVAILABILITY
Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Standard	Electric Space Heating	
Customer Charge per Month			
Overhead (A02)	$11.50	$13.50	R
Underground (A04)	$13.50	$15.50	R
On Peak Period Energy Charge per kWh			
June - September	$0.24909	$0.24909	R
Other Months	$0.20442	$0.12449	R
Off Peak Period Energy Charge per kWh			
June - September	$0.05496	$0.05496	R
Other Months	$0.05496	$0.05496	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-3)

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

LOW INCOME ENERGY DISCOUNT
Energy discount is available to qualified low income customers under this schedule subject to the provisions contained in the Low Income Energy Discount Rider.

DEFINITION OF PEAK PERIODS
The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

OPTIONAL TRIAL SERVICE
Customers may elect time of day service for a trial period of three months. If a customer chooses to return to non-time of day service after the trial period, the customer will pay a charge of $20.00 for removal of time of day metering equipment.

(Continued on Sheet No. 5-4)

TERMS AND CONDITIONS OF SERVICE

1. Customer selecting the above time of day rate schedule will remain on this rate for a period of not less than 12 months, except as provided under Optional Trial Service. While served under this schedule, the Residential Service rate is not available.

2. This schedule is also subject to provisions contained in Rules for Application of Residential Rates.

3. Time of Day Metering Charge per Month Option (Closed): For any customer who prior to November 1, 1988, elected to pay a non-refundable payment of $310.00 in lieu of the time of day metering charge, the monthly customer charge is reduced by $2.00.

RESIDENTIAL TIME OF USE PILOT PROGRAM Section No. 5
SERVICE 2nd Revised Sheet No. 4.1
RATE CODE A72, A74

PILOT PROGRAM DESIGN
This is an experimental rate design for the residential Time of Use Pilot Program to be applied for two years from the effective date of this rate schedule. Participating customers will have received Residential Service without electric space heating prior to the Pilot, and may elect a return to the Residential Service rate schedule following the Pilot.

AVAILABILITY
A maximum of 10,000 customers will be selected to receive service with this rate schedule. The Company will determine pilot participants that receive service through the Hiawatha West, Midtown, or Westgate substations. Pilot participants will not include customers that are on net metering service or have other interconnected distributed generation on their premise, or customers that also receive Energy Controlled (Non-Demand Metered) Service, Residential Electric Vehicle Service, Limited Off-Peak Service, or customers that are medical equipment-dependent. Pilot participants may elect to opt out of participation in this Pilot for a specific premise.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Bill Protection may also apply. Details regarding the specific charges applicable to this service and Bill Protection are listed below.

RATE

Customer Charge per Month		
Overhead (A72)	$9.50	R
Underground (A74)	$11.50	R
Energy Charge per kWh		
June – September		
On-Peak Period	$0.27031	R
Mid-Peak Period	$0.11129	R
Off-Peak Period	$0.03930	R
Other Months		
On-Peak Period	$0.24054	R
Mid-Peak Period	$0.09743	R
Off-Peak Period	$0.03930	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

(Continued on Sheet No. 5-4.2)

RESOURCE ADJUSTMENT N
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

LOW INCOME ENERGY DISCOUNT
Energy discount is available to qualified low income customers under this schedule subject to the provisions contained in the Low Income Energy Discount Rider.

BILL PROTECTION
Billing charges considered for bill protection will include customer and energy charges, fuel cost charges and if applicable, the Residential Controlled Air Conditioning and Water Heating Rider discounts. Bill protection will be considered only for customers that have been pilot participants at the same residential location for 12 months from the effective date of this rate schedule, based on the first 12 months of participation in the pilot program. Any Pilot program billing charge in excess of 10 percent of the corresponding billing charge that would have been applied had the customer not been a pilot participant will be credited to the customer's account, including any applicable taxes. The bill protection in this paragraph will terminate after the first 12 months of participation in the pilot program.

Customers that have received LIHEAP assistance within the 12 months prior to participation in the pilot program will have bill protection determined monthly for the first 12 months of pilot participation for any billing charges in excess of the corresponding billing charge that would have been applied had the customer not been a pilot participant. This will be determined on a monthly basis for the first 12 months of pilot participation. For the second 12 months of pilot participation, the bill protection will continue to be provided for these LIHEAP assistance customers for billing charges in excess of 10 percent of the corresponding billing charge on an annual basis for the second 12 months of pilot participation. Customers that start to receive LIHEAP assistance after their participation in the pilot has begun will receive monthly bill protection up to the first 12 month anniversary of the pilot, and shall receive annual bill protection for the second 12 month period of the pilot. Customers who opt out or leave the pilot area will forego the annual protection otherwise offered for this second 12 month period. N

(Continued on Sheet No. 5-4.3)

DEFINITION OF PEAK PERIODS N

The On-Peak period is defined as those hours between 3:00 p.m. and 8:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The Mid-Peak period is defined as all hours not defined as On-Peak or Off-Peak periods. The Off-Peak period is defined as those hours between midnight (12:00 a.m.) and 6:00 a.m. every day.

RESIDENTIAL CONTROLLED AIR CONDITIONING AND WATER HEATING RIDER

Customers that received service with the Residential Controlled Air Conditioning and Water Heating Rider in combination with Residential Service prior to participation in the pilot will have a revised discount for Company controlled central air conditioning or electric water heating that is specific to the pilot program. The controlled air conditioning discount is a monthly $10 credit applied during the billing months of June through September. The controlled electric water heating discount is a monthly $2 credit during each billing month. Pilot customers will receive these revised credits in place of percent discounts and are subject to all other terms of the Residential Controlled Air Conditioning and Water Heating Rider.

TERMS AND CONDITIONS OF SERVICE

1. This schedule is also subject to provisions contained in Rules for Application of Residential Rates. N

RESIDENTIAL ELECTRIC VEHICLE SERVICE Section No. 5
RATE CODE A08 20th Revised Sheet No. 5

AVAILABILITY
Available to residential customers for service only to electric vehicle loads including battery charging and accessory usage. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CHARACTER OF SERVICE
Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	$5.50	R
On-Peak Period Energy Charge per kWh		
June - September	$0.24909	R
Other Months	$0.20442	R
Off-Peak Period Energy Charge per kWh	$0.05496	R

<u>In addition, customer bills under this rate are subject to the following adjustments and/or charges.</u>

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-6)

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS
The on-peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off-peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics.

COMMUNICATION COSTS
The Company will maintain separate accounting of the information, education, advertising and promotion costs associated with electric vehicles as provided in Minn. Stat. §216B.1614, subd.2, paragraph (c) 2 by deferring the costs to a tracker account, and will petition the Minnesota Public Utilities Commission to recover the qualifying costs.

TERMS AND CONDITIONS OF SERVICE

1. Residential Electric Vehicle Service shall be separately served and metered and must at no time be connected to facilities serving customer's other loads. Metering may be installed as a sub-meter behind the customer’s main meter, in which case consumption under this rate schedule will be subtracted from the main meter for purposes of billing customer’s non-Electric Vehicle electricity usage.
2. The customer shall supply, at no expense to the Company, a suitable location for meters and associated equipment used for billing. Installations must conform to the Company’s specifications.
3. Company may require customer to provide access for Company-owned equipment for the recording and wireless communication of energy usage.
4. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditure for facilities necessary to serve this load which would not otherwise be required to serve customer's load.
5. This schedule is also subject to provisions contained in Rules for Application of Residential Rates.

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RESIDENTIAL ELECTRIC VEHICLE PILOT SERVICE Section No. 5
RATE CODE A80, A81 6th Revised Sheet No. 7

AVAILABILITY
Available while this Pilot Service is in effect to Residential Service customers for service only to electric vehicle loads including battery charging and accessory usage. Bundled service includes Company installed and provided charging equipment. Pre-Pay Option service is available to customers electing to pay Company for the installed cost of charging equipment prior to beginning service with this tariff. Customers electing Pre-Pay Option service are separately invoiced at the time of installation. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CONTRACT
Customers must contract for this service through an Electric Vehicle Pilot Electric Service Agreement with the Company. The initial contract period will normally be for 24 months.

CHARACTER OF SERVICE
Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and /or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month		
Bundled (A80)	$17.47	
Pre-Pay Option (A81)	$7.10	
On-Peak Period Energy Charge per kWh		
June - September	$0.24909	R
Other Months	$0.20442	R
Off-Peak Period Energy Charge per kWh	$0.05496	R

PRE-PAY OPTION
The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

<u>In addition, customer bills under this rate are subject to the following adjustments and/or charges.</u>

(Continued on Sheet No. 5-8)

FUEL CLAUSE N
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS
The on-peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off-peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics.

COMMUNICATION COSTS
The Company will maintain separate accounting of the information, education, advertising and promotion costs associated with electric vehicles as provided in Minn. Stat. §216B.1614, subd.2, paragraph (c) 2 by deferring the costs to a tracker account, and will petition the Minnesota Public Utilities Commission to recover the qualifying costs.

TERMS AND CONDITIONS OF SERVICE

1. Residential Electric Vehicle Pilot Service shall be served through wiring connected to customer’s single meter provided for Residential Service. Consumption under this rate schedule will be subtracted from the main meter for purposes of billing customer’s non-Electric Vehicle electricity usage.
2. The customer shall supply, at no expense to the Company, premises wiring and a suitable location for connection of charging and associated equipment.
3. Company may require customer to provide access for Company-owned equipment for the recording and wireless communication of energy usage.
4. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditure for facilities necessary to serve this load which would not otherwise be required to serve customer's load.
5. This schedule is also subject to provisions contained in Rules for Application of Residential Rates.
6. Customer must execute an Electric Vehicle Pilot Service Agreement with the Company. N

RESIDENTIAL ELECTRIC VEHICLE SUBSCRIPTION PILOT SERVICE
RATE CODE A82, A83

AVAILABILITY N

Available while this Pilot Service is in effect to Residential Service customers for service only to electric vehicle loads including battery charging and accessory usage. Bundled service includes Company installed and provided charging equipment. Pre-Pay Option service is available to customers electing to pay Company for the installed cost of charging equipment prior to beginning service with this tariff. Customers electing Pre-Pay Option service are separately invoiced at the time of installation. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CONTRACT

Customers must contract for this service through an Electric Vehicle Subscription Pilot Electric Service Agreement with the Company. The initial contract period will normally be for 24 months. Contract allows customers to participate with only one electric vehicle.

CHARACTER OF SERVICE

Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION

Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's Expected Average Electric Vehicle kWh Usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and /or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below. N

(Continued on Sheet No. 5-8.2)

RESIDENTIAL ELECTRIC VEHICLE SUBSCRIPTION PILOT SERVICE (Continued)
RATE CODE A82, A83

RATE
Customer Charge per Month

General System Energy	
Bundled (A82)	$43.63
Pre-Pay Option (A83)	$33.22
Renewable Energy (Windsource)	
Bundled (A82)	$46.15
Pre-Pay Option (A83)	$35.74

Excess On-Peak Period Energy Charge per kWh

June - September	$0.24909	R
Other Months	$0.20442	R

PRE-PAY OPTION
The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
The monthly customer charge includes preset fuel charges for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
The monthly customer charge includes a preset Resource Adjustment charge for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 5-8.3)

DEFINITION OF PEAK PERIODS
The on-peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off-peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics. N

DEFINITION OF EXPECTED AVERAGE ELECTRIC VEHICLE KWH USAGE
The expected average electric vehicle kWh usage is defined as the Company's estimated average monthly EV energy consumption across all pilot participants.

COMMUNICATION COSTS
The Company will maintain separate accounting of the information, education, advertising and promotion costs associated with electric vehicles as provided in Minn. Stat. §216B.1614, subd.2, paragraph (c) 2 by deferring the costs to a tracker account, and will petition the Minnesota Public Utilities Commission to recover the qualifying costs.

TERMS AND CONDITIONS OF SERVICE
1. Residential Electric Vehicle Subscription Pilot Service shall be served through wiring connected to customer's single meter provided for Residential Service. Consumption under this rate schedule will be subtracted from the main meter for purposes of billing customer's non-Electric Vehicle electricity usage.
2. The customer shall supply, at no expense to the Company, premises wiring and a suitable location for connection of charging and associated equipment.
3. Company may require customer to provide access for Company-owned equipment for the recording and wireless communication of energy usage.
4. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditure for facilities necessary to serve this load which would not otherwise be required to serve customer's load.
5. This schedule is also subject to provisions contained in Rules for Application of Residential Rates.
6. Customer must execute an Electric Vehicle Subscription Pilot Service Agreement with the Company. N

ENERGY CONTROLLED SERVICE Section No. 5
(NON-DEMAND METERED) 31st Revised Sheet No. 9
RATE CODE A05

AVAILABILITY
Available to residential and commercial customers with permanently connected interruptible loads of up to 50 kW that would be under Company control. The types of loads served would include dual fuel space heating, water heating, and other loads subject to Company approval.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Residential	Commercial & Industrial	
Customer Charge	$5.50	$5.50	R
Energy Charge per kWh	$0.06386	$0.06386	R
Optional			
June - September	$0.12823	$0.11226	R
Other Months	$0.06386	$0.06386	R

OPTIONAL ENERGY CHARGE
This option is available to customers with heat pump installations for non-interruptible service during June through September billing months.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-10)

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

TERMS AND CONDITIONS OF SERVICE

1. The controllable load shall be permanently wired, separately served and metered, and at no time connected to facilities serving customer's firm load.

2. The duration and frequency of interruptions shall be at the discretion of Company. Interruption will normally occur at such times:
   a. When Company is required to use generation equipment or to purchase power that results in production costs in excess of $70 per MWh,
   b. When Company expects to establish an annual system peak demand, or
   c. At such times when, in Company's opinion, the reliability of the system is endangered.

3. Customer selecting Energy Controlled Service (Non-Demand Metered) must have a Company approved electric space heating system and must remain on this service for a minimum term of one year.

4. Customer selecting Energy Controlled Service (Non-Demand Metered) must be prepared for interruptions that will last longer than 12 hours per occurrence. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

5. Electricity must be the primary source of energy for dual fuel space heating installations. Customer must have available alternative energy sources capable of supplying up to 30% of the annual heating needs during any heating season.

6. Customer's water heating system served under this rate must be designed and sized to be capable of providing customer's hot water needs for the full duration of the potential interruption periods.

(Continued on Sheet No. 5-10.1)

7. Customer must furnish and install an NSP approved electric meter socket to accept Energy Controlled Service (Non-Demand Metered). Company reserves the right to inspect and approve the installation.

8. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditures for facilities necessary to serve this load which would not otherwise be required to serve customer's load.

LIMITED OFF PEAK SERVICE Section No. 5
RATE CODE A06 34th Revised Sheet No. 11

AVAILABILITY
Available to any customers for controlled loads that will be energized only for the time period between 10:00 p.m. to 6:30 a.m. daily.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Residential	Commercial & Industrial	
Customer Charge per Month			
Secondary Voltage			
Single Phase	$5.50	$11.00	R
Three Phase	--	$15.00	R
Primary Voltage	--	$60.00	
Transmission Transformed	--	$60.00	
Transmission	--	$60.00	
Energy Charge per kWh			
Secondary Voltage	$0.04981	$0.04981	R
Primary Voltage	--	$0.04854	R
Transmission Transformed	--	$0.04679	R
Transmission	--	$0.04668	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-11.1)

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider.

(Continued on Sheet No. 5-12)

MONTHLY MINIMUM CHARGE
For all customers, the minimum charge shall be the applicable customer charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

TERMS AND CONDITIONS OF SERVICE

1. Limited Off Peak Service shall be separately served and metered and must at no time be connected to facilities serving customer's other loads.

2. Company will not be liable for any loss or damage caused by or resulting from any interruption of service.

3. Customer selecting Limited Off Peak Service must remain on this service for a minimum term of one year, unless customer transfers to another interruptible service rate.

4. Customer has the option of directly controlling own load or allowing Company load control. If customer chooses Company load control, customer must:
   a. Provide a load-break switch or circuit breaker equipped with electronic trip and close circuits allowing for remote operation of customer's switch or circuit breaker by Company,
   b. Wire the trip and close circuits into a connection point designated by Company to allow installation of remote control equipment by Company, and
   c. Provide a continuous 120 volt AC power source at the connection point for operation of Company's remote control equipment.

5. A charge of $0.421 per kWh shall be applied to non-authorized energy used outside of the energized time period specified in this tariff. If this energy use occurs during three or more billing months, the Company reserves the right to remove customer from Limited Off Peak Service. R

6. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditures for facilities necessary to serve this load which would not otherwise be required to serve customer's load.

1. The Residential Service, Residential Time of Day Service and Residential Time of Use Pilot Program are the only rates available to residential customers for domestic purposes in a single private residence. Energy Controlled Service (Non-Demand Metered), Limited Off Peak Service, Residential Electric Vehicle Service, Residential Electric Vehicle Pilot Service, Residential Electric Vehicle Subscription Pilot Service and Automatic Protective Lighting Service rate schedules are also available to qualifying residential customers. N

2. Normal service under the Residential Service, Residential Time of Day Service and Residential Time of Use Pilot Program rate schedules is single phase service rendered through one meter. Three phase service or service through more than one meter will be provided upon a one-time payment of an amount to reimburse Company for the additional investment. If customer is served through more than one meter, each meter will be separately billed.

3. Electric space heating charges are applicable only when customer's electric space heating equipment is used as customer's primary heating source.

4. Underground service charges will apply where the underground facilities are owned by Company, and Company has not been fully reimbursed for the added cost of such underground facilities.

5. Standby and Supplementary Service is available for any residential customer subject to the provisions in the General Rules and Regulations, Section 2.4. The Company's meter will be ratcheted to measure the flow of power and energy from Company to customer only.

6. A customer using electric service for domestic and non-domestic purposes jointly may combine such use through one meter on such rates as are available to general service customers.

7. The Residential Service and Residential Time of Day Service rate schedules are available to farm installations which were served on the separate Farm Service rate schedule prior to its cancellation on November 1, 1988. Residential Service and Residential Time of Day Service to these qualifying farm customers is limited to 120/240 volts single phase service rendered through one meter. Motors and other equipment which interfere with service to neighboring customers and all transformer type welding machines larger than 25 kilovolt-amperes are not permitted as part of this service.

AUTOMATIC PROTECTIVE LIGHTING SERVICE Section No. 5
RATE CODE A07 25th Revised Sheet No. 14

AVAILABILITY
Available to all types of customers except for municipal street lighting purposes.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp (Lumens)	Monthly Rate Per Unit	
Area Units		
100W High Pressure Sodium	$9.21	R
175W Mercury (1)	$9.21	R
250W High Pressure Sodium	$14.89	R
400W Mercury (1)	$14.89	R
30-45W Light Emitting Diode (4,000)	$8.91	R
110-165W Light Emitting Diode (14,000)	$14.00	R
Directional Units		
250W High Pressure Sodium	$17.05	R
400W High Pressure Sodium	$21.49	R
1,000W Mercury (1)	$28.32	R

(1) Available to existing installations only.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

SERVICE INCLUDED IN RATE
Company shall own, operate, and maintain the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets, and all necessary wiring. Company shall furnish all electric energy required for operation of the unit.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

(Continued on Sheet No. 5-15)

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

TERM OF AGREEMENT
Agreement shall be for a term of three years. If not then terminated by at least 30 days' written notice by either party, the agreement shall continue until so terminated.

TERMS AND CONDITIONS OF SERVICE

1. Service available subject to the provisions for Automatic Protective Lighting Service of the General Rules and Regulations, Section 5.4.

2. The lamp shall be lighted and extinguished by a photoelectric control furnished by the Company. The hours of burning shall be from approximately one-half hour after sunset until one-half hour before sunrise, every night.

3. If illumination of a lamp is interrupted and said illumination is not resumed within 72 hours from the time Company receives notice thereof from customer, one-thirtieth of the monthly compensation for such unit shall be deducted for each night of non-illumination after such notice is received.

4. Company reserves the right to discontinue service if equipment is abused.

5. Company will convert mercury vapor lighting units to high pressure sodium upon failure of the mercury vapor ballast.

AVAILABILITY
Standard service (i.e., alternating current) is available to any non-residential customer for single or three phase electric service. Direct Current service is only available in Minneapolis and St. Paul to the extent now used.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Unmetered (A09)	$9.50	R
– Metered (A10)	$11.50	R
– Water Heating (A11)	$0.00	
– Direct Current (A13)	$11.50	R
Energy Charge per kWh		
June - September	$0.11226	R
Other Months	$0.09540	R
Demand Charge (Direct Current Only) per Month per kW of Connected Load	$3.95	R

<u>In addition, customer bills under this rate are subject to the following adjustments and/or charges.</u>

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-22)

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge, or Customer Charge plus Demand Charge if served at Direct Current.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider. C

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

TERMS AND CONDITIONS OF SERVICE FOR ALTERNATING CURRENT CUSTOMERS
Company shall install a demand meter for a customer when:
1. Customer's connected load is estimated to be 20 kW or greater,
2. Customer is served single phase and has a service entrance capacity greater than 200 amperes,
3. Customer is served three phase at 120/208 or 120/240 volts and has a service entrance capacity greater than 200 amperes,
4. Customer is served three phase at 240/480 or 277/480 volts and has a service entrance capacity greater than 100 amperes, or
5. Customer's average monthly kWh use for four consecutive months exceeds 3,500 kWh.

If a demand meter is installed in accordance with the above, the customer may remain on the Small General Service schedule as long as customer's maximum demand is less than 25 kW. When the customer achieves an actual maximum demand of 25 kW or greater, the customer will be placed on the General Service schedule in the next billing month. A customer with a billing demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small General Service schedule.

DETERMINATION OF CONNECTED LOAD FOR DIRECT CURRENT SERVICE
The nameplate rating shall be the basis of determining the connected load and shall be assumed to be one kW for each hp of nameplate rating. In any case, where there is reasonable doubt as to correctness of manufacturer's rating or where insufficient or no rating exists, the Company may fix the rating by test. For billing purposes, the demand shall be rounded to the nearest 0.1 kW.

SMALL GENERAL TIME OF DAY SERVICE Section No. 5
RATE CODE A12, A16, A18, A22 32nd Revised Sheet No. 23

AVAILABILITY
Available to any non-residential customer for single or three phase electric service supplied through one meter.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Time Of Day Metered (A12)	$13.50	R
– kWh Metered (A16)	$11.50	R
– Unmetered (A18)	$9.50	R
– Low Wattage (A22)	(Please see page 5-24.1)	

Energy Charge per kWh	Oct-May	Jun-Sep	
On Peak Period (A12)	$0.14154	$0.17767	R
Off Peak Period (A12)	$0.05496	$0.05496	R
Constant Hourly (A16, A18, A22) (= 35% On, 65% Off)	$0.08526	$0.09791	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

(Continued on Sheet No. 5-24)

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS
The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

OPTIONAL TRIAL SERVICE
Customers may elect time of day service for a trial period of three months. If a customer chooses to return to non-time of day service after the trial period, the customer will pay a charge of $25.00 for removal of time of day metering equipment.

TERMS AND CONDITIONS OF SERVICE

1. Customer selecting the above time of day rate schedule will remain on this rate for a period of not less than 12 months. While served under this schedule, the Small General Service rate is unavailable.

2. Company shall install a demand meter for a customer when:
   a. Customer's connected load is estimated to be 20 kW or greater,
   b. Customer is served single phase and has a service entrance capacity greater than 200 amperes,
   c. Customer is served three phase at 120/208 or 120/240 volts and has a service entrance capacity greater than 200 amperes,
   d. Customer is served three phase at 240/480 or 277/480 volts and has a service entrance capacity greater than 100 amperes, or
   e. Customer's average monthly kWh use for four consecutive months exceeds 3,500 kWh.

   If a demand meter is installed in accordance with the above, the customer may remain on the Small General Time of Day Service schedule as long as customer's maximum demand is less than 25 kW. When the customer achieves an actual maximum demand of 25 kW or greater, the customer will be placed on the General Time of Day Service schedule in the next billing month. A customer with a billing

(Continued on Sheet No. 24.1)

TERMS AND CONDITIONS OF SERVICE (Continued)

demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small General Time of Day Service schedule.

3. Optional Metering Service: Optional metering is available subject to the provisions in the General Rules and Regulations, Section 1.5, for the following applications:

   a. Kilowatt-hour Metered Service: For applications where a non-time of day meter is used, the time of day metering charge will be waived and the applicable lower monthly Customer Charge shall apply.

   b. Unmetered Service: For applications where no metering is installed, the applicable lower monthly Customer Charge shall apply. If requested by Company, the customer agrees to receive one or more combined bills for all their unmetered service locations. For purposes of applying the appropriate customer service charge, one customer service charge shall be applied for every point of delivery. A point of delivery shall be any location where a meter would otherwise be required under this schedule.

   c. Low Wattage Unmetered Service: For applications where customer owns and operates multiple electronic devices in at least 500 locations within Company's Minnesota electric service area. Such electronic devices are: 1) individually located at each point of delivery, 2) rated at less than 400 Watts, and 3) operated with a continuous and constant load level year round. Each individual electronic device must not in any way interfere with Company operations and service to adjacent customers. This optional metering service is not applicable to electric service for traffic signals, civil defense, or lighting. Company reserves the right to evaluate customer requests for this optional metering service to determine eligibility.

      The monthly fixed charge under this optional metering service shall be $0.33 per device for devices with a rating of 100 Watts or less. For devices with a rating over 100 Watts but less than 400 Watts, the monthly fixed charge shall be $1.32 per device. R R

      In place of metered usage for each device, customer will be billed for the predetermined energy usage in kWh per device. The energy charge shall equal the sum of the predetermined energy usage for customer's low wattage devices in service for the billing month multiplied by the Constant Hourly Energy Charge applicable for the billing month.

      Customer shall contract for this optional metering service through an electric service agreement with Company.

AVAILABILITY
Available to any non-residential customer for general service where customer is not required to be on a time-of-day rate schedule. Once the customer's 15-minute measured demands are equal to or greater than 1,000 kW for at least 4 of the past 12 consecutive months, the customer will be transferred to the General Time of Day service.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	$25.98		R
Service at Secondary Voltage	Oct-May	Jun-Sep	R
Demand Charge per Month per kW	$12.91	$17.51	
Energy Charge per kWh	$0.04697		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	$0.01753		R

	January – December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.70	$0.00127	R
Transmission Transformed Voltage	$1.75	$0.00302	R
Transmission Voltage	$2.50	$0.00313	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-27)

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DETERMINATION OF DEMAND
The adjusted demand in kW for billing purposes shall be determined by dividing the maximum actual demand in kW by the power factor expressed in percent but not more than a 90% power factor and multiplying the quotient so obtained by 90% and rounding to the nearest whole kW. In no month shall the demand to be billed be considered as less than current month's adjusted demand in kW or 50% of the greatest monthly adjusted demand in kW during the preceding 11 months. In no month shall the billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 100 hours per month.

The greatest monthly adjusted demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

MAXIMUM DEMAND
The maximum actual demand in kW shall be the greatest 15 minute load during the month for which bill is rendered.

POWER FACTOR
For three phase customers with services above 200 amperes or above 480 volts, the power factor for the month shall be determined by permanently installed metering equipment. For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed.

(Continued on Sheet No. 5-28)

OFF SEASON LOAD SERVICE
The optional Off Season Load Service is available under this schedule subject to the provisions contained in the Off Season Load Rider.

STANDBY SERVICE
Standby Service and Supplemental Generation Service are available under this schedule subject to the provisions contained in the Standby Service Rider or Supplemental Generation Service Rider.

COMPETITIVE SERVICE
Competitive Service is available under this schedule subject to the provisions contained in the Competitive Response Rider.

MINIMUM DEMAND TO BE BILLED
The monthly minimum billing demand shall not be less than provided above.

SPLIT SERVICE
When approved by Company, customer's service may be split between General Service and General Time of Day Service rates. Only Company approved storage space cooling and storage space heating equipment qualifies for the General Time of Day Service portion of a split service installation. The thermal storage equipment shall be permanently wired, separately served and metered, and at no time connected to the general service portion of the split service installation. Each portion of customer's split service installation will be considered separately for all other rate application purposes.

(Continued on Sheet No. 28.1)

TERMS AND CONDITIONS OF SERVICE

1. Alternating current service is provided at the following nominal voltage:
   a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts,
   b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts,
   c. Transmission Transformed Voltage: Three phase from 2,400 volts up to but not including 69,000 volts, where service is provided at the Company's disconnecting means of a distribution substation transformer, or
   d. Transmission Voltage: Three phase at 69,000 volts or higher.

   Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.

3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1(B).

4. Customer selecting General Service will remain on this rate for a period of not less than 12 months.

5. If a customer has a billing demand of less than 25 kW for 12 consecutive months, the customer will be given the option of returning to the Small General Service schedule.

GENERAL TIME OF DAY SERVICE
RATE CODE A15, A17, A19

AVAILABILITY-MANDATORY

Effective November 1, 2007, this rate schedule is mandatory for any non-residential customer for general service having a 15-minute measured demand equal to or greater than 1,000 kW for at least 4 of the past 12 consecutive months. Customer will remain on this rate schedule on a mandatory basis unless their demand remains below 1,000 kW for 12 consecutive months.

AVAILABILITY-OPTIONAL

This rate schedule is optional for any non-residential customer for general service where customer is not required to be on a time-of-day rate.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Time Of Day Metered (A15)	$29.98		R
-- kWh Metered (A17)	$25.98		R
-- Unmetered (A19)	$21.98		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW			
On Peak Period Demand	$12.91	$17.51	R
Off Peak Period Demand in Excess of On Peak Period Demand	$2.50	$2.50	R
Energy Charge per kWh			
On Peak Period Energy	$0.06771		R
Off Peak Period Energy	$0.03194		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the On Peak Period Billing Demand, Not to Exceed 50% of Total kWh	$0.01753		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.70	$0.00127	R
Transmission Transformed Voltage	$1.75	$0.00302	R
Transmission Voltage	$2.50	$0.00313	R

(Continued on Sheet No. 5-30)

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS
The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

(Continued on Sheet No. 5-31)

DETERMINATION OF ON PEAK PERIOD DEMAND

The actual on peak period demand in kW shall be the greatest 15-minute load for the on peak period during the month for which the bill is rendered. The adjusted demand in kW for billing purposes shall be determined by dividing the actual on peak demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW. In no month shall the on peak period demand to be billed be considered as less than the current month's adjusted on peak period demand in kW, or 50% of the greatest monthly adjusted on peak period demand in kW during the preceding 11 months. In no month shall the on peak billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 100 hours per month.

The greatest monthly adjusted on peak period demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

DETERMINATION OF OFF PEAK PERIOD DEMAND IN EXCESS OF ON PEAK PERIOD DEMAND

The actual off peak period demand in kilowatts shall be the greatest 15-minute load for the off peak period during the month for which the bill is rendered rounded to the nearest whole kW. In no month shall the off peak period demand for billing purposes be considered as less than the current month's actual off peak period demand in kW, or 50% of the greatest monthly actual off peak period demand in kW during the preceding 11 months.

The greatest monthly adjusted off peak period demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

The off peak period demand in excess of on peak period demand in kW to be billed shall be determined by subtracting the billing on peak period demand from the actual off peak period demand as defined above only the off peak period demand is greater.

POWER FACTOR

For three phase customers with services above 200 amperes, or above 480 volts, the power factor for the month shall be determined by permanently installed metering equipment. For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed.

(Continued on Sheet No. 5-32)

COMPETITIVE SERVICE
Competitive Service is available under this schedule subject to the provisions contained in the Competitive Response Rider.

STANDBY SERVICE
Standby Service is available under this schedule subject to the provisions contained in the Standby Service Rider.

MINIMUM DEMAND TO BE BILLED
The monthly minimum on peak period billing demand shall not be less than provided above.

SPLIT SERVICE
When approved by Company, customer's service may be split between General Service and General Time of Day Service rates. Only Company approved storage space cooling and storage space heating equipment qualifies for the General Time of Day Service portion of a split service installation. The thermal storage equipment shall be permanently wired, separately served and metered, and at no time connected to the general service portion of the split service installation. Each portion of customer's split service installation will be considered separately for all other rate application purposes.

OPTIONAL TRIAL SERVICE
Customers may elect time of day service for a trial period of three months. If a customer chooses to return to non-time of day service after the trial period, the customer will pay a charge of $35.00 for removal of time of day metering equipment.

TERMS AND CONDITIONS OF SERVICE
1. Alternating current service is provided at the following nominal voltages:
   a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts,
   b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts,
   c. Transmission Transformed Voltage: Three phase from 2,400 volts up to but not including 69,000 volts, where service is provided at the Company's disconnecting means of a distribution substation transformer, or
   d. Transmission Voltage: Three phase at 69,000 volts or higher.

   Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

(Continued on Sheet No. 5-32.1)

TERMS AND CONDITIONS OF SERVICE (Continued)

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.

3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1(B).

4. Customer selecting the above time of day rate schedule will remain on this rate for a period of not less than 12 months.

5. If a customer has a billing demand of less than 25 kW for 12 consecutive months, the customer will be given the option of returning to the Small General Time of Day Service schedule.

6. Optional Metering Service: Optional metering is available subject to the provisions in the General Rules and Regulations, Section 1.5, for the following applications:
   a. Kilowatt-hour Metered Service: For applications where a non-time of day meter is used, the time of day metering charge will be waived and the applicable lower monthly Customer Charge shall apply.
   b. Unmetered Service: This rate is for applications where no metering is installed and the applicable lower monthly Customer Charge shall apply. If requested by Company, the customer agrees to receive one or more combined bills for all their unmetered service locations. For purposes of applying the appropriate customer service charge, one customer service charge shall be applied for every point of delivery. A point of delivery shall be any location where a meter would otherwise be required under this schedule.

PEAK CONTROLLED SERVICE Section No. 5
RATE CODE A23 23rd Revised Sheet No. 40

AVAILABILITY

Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company and where customer is not required to be on a time-of-day rate schedule. Once the customer's total 15-minute measured demands (Firm plus Controllable) are equal to or greater than 1000 kW for at least 4 of the past 12 consecutive months, the customer will be transferred to the Peak Controlled Time of Day service. Availability is restricted to customers with a minimum Controllable demand of 50 kW.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month		$60.00	R
Service at Secondary Voltage			
Energy Charge per kWh		$0.04697	R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours		$0.01753	R
Times the Sum of All Billing Demands			
Demand Charge per Month per kW	Tier 1	Tier 2	
Firm Demand			
June - September	$17.51	$17.51	R
Other Months	$12.91	$12.91	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	$11.31	R
Level B: ≥ 65% and < 85% PF	$9.44	$10.18	R
Level C: ≥ 85% PF	$8.82	$9.64	R
Short Notice Rider	$8.32	Not Available	R

	January – December		
Voltage Discounts per Month	Per Kw	Per kWh	
Primary Voltage	$0.70	$0.00127	R
Transmission Transformed Voltage	$1.75	$0.00302	R
Transmission Voltage	$2.50	$0.00313	R

(Continued on Sheet No. 5-41)

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In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PERFORMANCE FACTOR (PF)
Performance factor is defined in percentage terms as the average of the July and August calendar month unadjusted maximum Controllable Demand occurring from 1:00 p.m. to 7:00 p.m. on weekdays, or which has been permanently shifted out of normal control period times, divided by the unadjusted maximum annual Controllable Demand. Customers claiming permanent load shifts must provide verification to Company, based on NSP's established criteria.

DETERMINATION OF DEMAND
Maximum Actual Demand in kW shall be the greatest 15-minute load during the billing month.

Adjusted Demand in kW for billing purposes shall be determined by dividing the Maximum Actual Demand in kW by the power factor expressed in percent but not more than a 90% power factor and multiplying the quotient so obtained by 90% and rounding to the nearest whole kW.

(Continued on Sheet No. 5-42)

DETERMINATION OF DEMAND (Continued)

Predetermined Demand shall be specified and agreed to by the customer and Company. Customer's Adjusted Demand must not exceed the Predetermined Demand Level (PDL) during a control period.

Standard PDL customers must agree to a fixed demand level and limit load to that level during a control period.

Optional PDL customers must agree to reduce demand by a fixed amount during a control period. Customer's Firm Demand will vary from month-to-month while the Controllable Demand remains fixed each month. The Firm Demand will be the Adjusted Demand (based on the Maximum Actual Demand for the month) less the fixed amount of Controllable Demand. Customer's PDL will be the monthly adjusted demand less the fixed load reduction. Customers selecting the Optional PDL must either be equipped with back-up generation to provide the fixed load reduction or have a specific load that can be separately sub-metered and has an annual load factor of 90% or greater.

Firm Demand for the billing month shall be the lesser of Predetermined Demand or Adjusted Demand, except in months when customer fails to control load to Predetermined Demand Level when requested by Company. In these months, Firm Demand shall be the adjusted demand established during the control period. For optional PDL customers, Firm Demand shall be Adjusted Demand less Controllable Demand, except in months when customer fails to control the full amount of their fixed Controllable Demand. In these months the Firm Demand shall be the Adjusted Demand less the amount of Demand that was controlled as shown by meter measurement.

Controllable Demand shall be the difference between Adjusted Demand during the billing month and the greater of Predetermined Demand or Firm Demand, but never less than zero.

Minimum Demand to be billed each month as either Firm Demand, Controllable Demand or a combination of both shall not be less than the current month's adjusted demand in kW.

POWER FACTOR

The power factor for the month shall be determined by permanently installed metering equipment.

ANNUAL MINIMUM DEMAND CHARGE

The Annual Minimum Demand Charge shall be no less than six times the average monthly Firm Demand Charge per kW times the maximum Predetermined Demand, plus six times the Controllable Demand Charge per kW times the maximum Controllable Demand.

(Continued on Sheet No. 5-43)

TIER 1 PEAK CONTROLLED SHORT NOTICE
Tier 1 Peak Controlled Short Notice is available under this schedule subject to the provisions contained in the Tier 1 Peak Controlled Short Notice Rider.

COMPETITIVE SERVICE
Competitive Service is available under this schedule subject to the provisions contained in the Competitive Response Rider.

OTHER PROVISIONS
Peak Controlled Service is also subject to provisions contained in Rules for Application of Peak Controlled Services.

TERMS AND CONDITIONS OF SERVICE

1. Alternating current service is provided at the following nominal voltages:
   a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts,
   b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts,
   c. Transmission Transformed Voltage: Three phase from 2,400 volts up to but not including 69,000 volts, where service is provided at the Company's disconnecting means of a distribution substation transformer, or
   d. Transmission Voltage: Three phase at 69,000 volts or higher.

   Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.

3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1(B).

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
RATE CODE A24 18th Revised Sheet No. 44

AVAILABILITY
Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company. Availability is restricted to customers with a minimum controllable demand of 50 kW.

AVAILABILITY-MANDATORY
Effective November 1, 2007, this rate schedule is mandatory for any Peak Controlled customer having a 15-minute measured demand equal to or greater than 1000 kW for at least 4 of the past 12 consecutive months. Customer will remain on this rate schedule on a mandatory basis unless their demand remains below 1000 kW for 12 consecutive months.

AVAILABILITY-OPTIONAL
This rate schedule is optional for any non-residential customer for general service where customer is not required to be on a time-of-day rate.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	$60.00	R
Service at Secondary Voltage		
Energy Charge per kWh		
On Peak Period Energy	$0.06771	R
Off Peak Period Energy	$0.03194	R
Energy Charge Credit per Month per kWh		
All kWh in Excess of 400 Hours Times the Sum of All On Peak Period Billing Demands, Not to Exceed 50% of Total kWh	$0.01753	R

(Continued on Sheet No. 5-45)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
(Continued) 26th Revised Sheet No. 45
RATE CODE A24

RATE (Continued)

Demand Charge per Month per kW	Tier 1	Tier 2	
On Peak Period Demand			
Firm Demand			
June - September	$17.51	$17.51	R
Other Months	$12.91	$12.91	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	$11.31	R
Level B: ≥ 65% and < 85% PF	$9.44	$10.18	R
Level C: ≥ 85% PF	$8.82	$9.64	R
Short Notice Rider	$8.32	Not Available	R
Off Peak Period Demand in Excess of On Peak Period Demand (Jan-Dec)	$2.50	$2.50	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.70	$0.00127	R
Transmission Transformed Voltage	$1.75	$0.00302	R
Transmission Voltage	$2.50	$0.00313	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 5-46)

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS
The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

DEFINITION OF PERFORMANCE FACTOR (PF)
Performance factor is defined in percentage terms as the average of the July and August calendar month unadjusted maximum Controllable Demand occurring from 1 p.m. to 7 p.m. on weekdays, or which has been permanently shifted out of normal control period times, divided by the unadjusted maximum annual Controllable Demand. Customers claiming permanent load shifts must provide verification to Company, based on NSP established criteria.

DETERMINATION OF DEMAND
Maximum Actual On Peak Period Demand in kW shall be the greatest 15-minute load for the on peak period during the billing month.

Adjusted On Peak Period Demand in kW for billing purposes shall be determined by dividing the Maximum Actual on peak demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW.

Maximum Actual Off Peak Period Demand in kW shall be the greatest 15-minute load for the off peak period during the billing month rounded to the nearest whole kW. In no month shall the off peak period demand for billing purposes be considered as less than the current month's actual off peak period demand in kW.

Off Peak Period Demand in Excess of On Peak Period Demand in kW to be billed shall be determined by subtracting the billing on peak period demand from the actual off peak period demand only if the off peak period demand is greater.

(Continued on Sheet No. 5-47)

Predetermined Demand shall be specified and agreed to by the customer and Company. Customer's adjusted on peak demand must not exceed the predetermined demand level (PDL) during a control period.

Standard PDL customers must agree to a fixed demand level and limit load to that level during a control period.

Optional PDL customers must agree to reduce demand by a fixed amount during a control period. Customer's Firm Demand will vary from month-to-month while the Controllable Demand remains fixed each month. The Firm Demand will be the Adjusted Demand (based on the Maximum Actual Demand for the month) less the fixed amount of Controllable Demand. Customer's PDL will be the monthly adjusted on peak demand less the fixed load reduction. Customers selecting the Optional PDL must either be equipped with back-up generation to provide the fixed load reduction or have a specific load than can be separately sub-metered and has an annual load factor of 90% or greater.

Firm Demand for the billing month shall be the lesser of Predetermined Demand or Adjusted on Peak Period Demand, except in months when customer fails to control load to Predetermined Demand Level when requested by Company. In these months, Firm Demand shall be the adjusted on peak period demand established during the control period. For Optional PDL customers, Firm Demand shall be Adjusted On Peak Demand less Controllable Demand, except in months when customer fails to control the full amount of their fixed Controllable Demand, In the months the Firm Demand shall be the Adjusted On Peak Period Demand less the amount of Demand that was controlled as shown by meter measurement.

Controllable Demand shall be the difference between Adjusted on Peak Period Demand during the billing month and the greater of Predetermined Demand or firm demand, but never less than zero.

Minimum On Peak Demand to be billed each month as either Firm Demand Controllable Demand or combination of both shall not be less than the current month's Adjusted on Peak Period Demand in kW.

POWER FACTOR
The power factor for the month shall be determined by permanently installed metering equipment.

ANNUAL MINIMUM DEMAND CHARGE
The Annual Minimum Demand Charge shall be no less than six times the average monthly Firm Demand Charge per kW times the predetermined demand, plus six times the Controllable Demand Charge per kW times the maximum Controllable Demand.

(Continued on Sheet No. 47.1)

TIER 1 ENERGY CONTROLLED SERVICE
Tier 1 Energy Controlled Service is available under this schedule subject to the provisions contained in the Tier 1 Energy Controlled Service Rider.

TIER 1 PEAK CONTROLLED SHORT NOTICE
Tier 1 Peak Controlled Short Notice option is available under this schedule subject to the provisions contained in the Tier 1 Peak Controlled Short Notice Rider.

COMPETITIVE SERVICE
Competitive Service is available under this schedule subject to the provisions contained in the Competitive Response Rider.

OTHER PROVISIONS
Peak Controlled Time of Day Service is also subject to provisions contained in Rules for Application of Peak Controlled Services.

TERMS AND CONDITIONS OF SERVICE

1. Alternating current service is provided at the following nominal voltages:
   a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts,
   b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts,
   c. Transmission Transformed Voltage: Three phase from 2,400 volts up to but not including 69,000 volts, where service is provided at the Company's disconnecting means of a distribution substation transformer, or
   d. Transmission Voltage: Three phase at 69,000 volts or higher.

   Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.

3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1(B).

1. Customer has the responsibility of controlling own load to Predetermined Demand Level.

2. Customer must allow Company to inspect and approve the load control installation and equipment provided by customer.

3. If controlled demand is 10,000 kW or larger, Company may require customer to:
   a. Provide auxiliary contacts for remote indication of position of switch or circuit breaker used to control demand and wire auxiliary contacts into a connection point designated by Company,
   b. Install the remote breaker indication equipment provided by Company, and
   c. Provide a continuous 120 volt AC power source at the connection point for operation of the Company remote breaker indication equipment.

4. Customer must provide reliable contact information for the purpose of receiving control period notifications. N

5. Company will endeavor to give customer one hour notice of commencement of control period, and as much additional notice as is practical. However, control period may be commenced without notice should Company determine such action is necessary. T

6. Failure to Control Charge: An additional charge of $8.00 ($10.00 for Tier 1) per kW will apply during each Company specified control period to the amount by which customer's Maximum Adjusted Demand or Maximum Adjusted On Peak Period Demand exceeds their predetermined demand level. After three such customer failures to control load to their Predetermined Demand Level, Company reserves the right to increase the Predetermined Demand Level, or transfer customer to General Service or General Time of Day Service and apply the cancellation charge specified in customer's Electric Service Agreement. T

7. The duration and frequency of control periods shall be at the discretion of Company. Control periods will normally occur when: T
   a. Company expects a reasonable possibility of system load levels surpassing the level for which NSP has sufficient accredited capacity under the Midwest Reliability Organization (MRO) or any successor organization, including reserve requirements, or
   b. In Company's opinion, the reliability of the system is endangered.

8. The Company may at its discretion, perform an interruptible certification audit for the Midcontinent Independent System Operator (MISO) registration and will adhere to testing requirements as defined by MISO. The duration of interruptible certification audits shall not exceed four hours and will occur between June 1st and October 31st annually as part of the MISO registration for the next planning year. Customer load control requirements and service provisions for regular control periods apply to interruptible certification audits. N N N N N N

(Continued on Sheet No. 5-49)

9. Customer must execute an Electric Service Agreement with Company which will include: T

Peak Controlled Service - Tier 1

a. A minimum initial 10 year term of service which includes a one year trial period and a three year cancellation notice effective after the initial term of service,
b. The Predetermined Demand Level, or the fixed Controllable Demand if Optional PDL is selected which may be revised subject to approval by Company,
c. Maximum 150 hours of interruption,
d. Cancellation charge terms, and
e. Control period notice.

Peak Controlled Service - Tier 2

a. A minimum initial five year term of service which includes a one year trial period and a six month cancellation notice effective after the initial term of service,
b. The Predetermined Demand Level, or the fixed Controllable Demand if Optional PDL is selected which may be revised subject to approval by Company,
c. Maximum 80 hours of interruption,
d. Cancellation charge terms, and
e. Control period notice.

10. Peak Controlled Service customers choosing the Tier 1 rate option will be subject to an additional monthly charge for a Company approved and installed two-way communications system. The system equipment allows NSP to determine remotely customer load levels and to notify customers of control periods. T

11. Minimum Controllable Demand during the Company's peak season shall be 50 kW. T

12. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service. T

13. Company will determine, at a service location designated by Company, the number of services supplied. Customers requesting special facilities will be charged the additional costs incurred for such facilities. T

(Continued on Sheet No. 5-50)

14. Customers choosing the Predetermined Demand Level option requiring a fixed demand reduction will be subject to an additional charge for metering and billing when additional metering equipment is necessary. The additional charge is $17.00 per month for an application using a single meter in close proximity to customer's service point. The additional charge for more complex applications will be based on the actual costs of the specific application. T

15. Company will maintain Firm Demand Charge rates at the General Service and General Time of Day Service levels, whichever is applicable. T

16. Any customer with generating equipment which is operated in parallel with Company must comply with all requirements associated with parallel operations as specified in the General Rules and Regulations of the Company. T

17. Any load served by customer generation during Company requested control periods must be served by Company at all other times. T

18. Customers selecting Peak Controlled Services will normally remain at a specific Performance Factor level for a minimum of one year, subject to the Company's discretion. The Company may transfer customers between Performance Factor levels following verification of a customer's performance, as defined in the applicable rate schedule and as specified in the customer's Electric Service Agreement. This rate contemplates that increases in summer Controllable Demand, which thereby affect a customer's Performance Factor level, will be at sufficient consumption levels to yield a July and August calendar month load factor of 34% or greater. The Company reserves the right to limit the customer's eligibility to be on a higher Performance Factor level due to the above restriction. T

ELECTRIC VEHICLE FLEET PILOT SERVICE Section No. 5
RATE CODE A87. A88, A89 10th Revised Sheet No. 51

AVAILABILITY
Available while this Pilot Service is in effect to non-residential customers for service only to electric vehicle loads including battery charging and accessory usage. The customer must complete Company-approved documentation verifying ownership or lease of a minimum of five electric vehicles as defined in Section 169.011, subdivision 26a of Minnesota law.

CONTRACT
Customers must contract for this service through an Electric Vehicle Fleet Pilot Service Agreement with the Company. The contract period will be for 120 months.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and /or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	$29.64		
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW			
On-Peak Period Demand	$12.91	$17.51	R
Off-Peak Period Demand in Excess of On-Peak Period Demand	$2.50	$2.50	R
Energy Charge per kWh			
On-Peak Period Energy	$0.06771		R
Off-Peak Period Energy	$0.03194		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the On-Peak Period Billing Demand, Not to Exceed 50% of Total kWh	$0.01753		R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage		$0.70	R
		$0.00127	R

(Continued on Sheet No. 5-51.1)

OPTIONAL CHARGER SERVICE N
Charging equipment may be supplied and installed either by customer or by the Company through an optional charger service. Optional charger service by Company is available as a Bundled Option that includes a monthly charge for the installed cost of charging equipment or as a Pre-Pay Option to customers electing to pay Company for the installed cost of charging equipment prior to beginning service with this tariff. Customers electing the Pre-Pay Option are separately invoiced at the time of installation and are subject to the Pre-Pay Option service charge in place of the Bundled Option service charge.

Service Charge per Month per Port	Group A	Group B	Group C
Bundled Option – Single Port (A88)	$37.88	$52.92	$67.96
Bundled Option – Dual Port (A88)	$32.85	$45.80	$54.94
Pre-Pay Option – Single Port (A89)	$11.73	$25.31	$33.37
Pre-Pay Option – Dual Port (A89)	$10.86	$20.80	$29.85

Pricing for charging infrastructure for transit buses is determined on a per project basis.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
For the first two years after the original effective date establishing this tariff, the minimum charge shall be equal to the Customer Charge. Effective two years after the original effective date establishing this tariff, the minimum charge shall be the total of the Customer Charge and a Facilities Charge based on the number of installed charging ports.

Facilities Charge	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5
Number of Charging Ports	1-9	10-19	20-29	30-39	40+
Monthly Minimum Charge	$75	$150	$300	$450	$600

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5. N

(Continued on Sheet No. 5-51.2)

DEFINITION OF PEAK PERIODS N

The on-peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off-peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics.

DETERMINATION OF ON-PEAK PERIOD DEMAND

The actual on-peak period demand in kW shall be the greatest 15-minute load for the on-peak period during the month for which the bill is rendered. The adjusted demand in kW for billing purposes shall be determined by dividing the actual on-peak demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW. In no month shall the on-peak period demand to be billed be considered as less than the current month's adjusted on-peak period demand in kW, or 50% of the greatest monthly adjusted on peak period demand in kW during the preceding 11 months. In no month shall the on-peak billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 100 hours per month.

The greatest monthly adjusted on-peak period demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

DETERMINATION OF OFF-PEAK PERIOD DEMAND IN EXCESS OF ON-PEAK PERIOD DEMAND

The actual off-peak period demand in kilowatts shall be the greatest 15-minute load for the off-peak period during the month for which the bill is rendered rounded to the nearest whole kW. In no month shall the off-peak period demand for billing purposes be considered as less than the current month's actual off-peak period demand in kW, or 50% of the greatest monthly actual off-peak period demand in kW during the preceding 11 months.

The greatest monthly adjusted off-peak period demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

The off-peak period demand in excess of on-peak period demand in kW to be billed shall be determined by subtracting the billing on-peak period demand from the actual off-peak period demand as defined above, but only if the off-peak period demand is greater than the on-peak period demand.

POWER FACTOR

For three phase customers with services above 200 amperes, or above 480 volts, the power factor for the month shall be determined by permanently installed metering equipment. For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed. N

(Continued on Sheet No. 5-51.3)

MINIMUM DEMAND TO BE BILLED N

The monthly minimum on-peak period billing demand shall not be less than provided above.

TERMS AND CONDITIONS OF SERVICE

1. Electric Vehicle Fleet Pilot Service shall be served through wiring connected to customer's dedicated meter.

2. Company may require customer to provide access for Company-owned equipment for the recording and wireless communication of energy usage.

3. The rate contemplates that this service will require the installation of new facilities to provide electric service to the electric vehicle charger.

4. Customer must execute an Electric Vehicle Fleet Pilot Service Agreement with the Company.

5. Customer must retain a minimum four ports per site, or, in cases with less than four ports, a minimum of 50 kW of charging capacity.

6. Company waives CIAC requirements for non-residential customers under the Standard Installation and Extension Rules under Section 5.1(A)(1)(b), Section 5.1 (A)(2) and (3) and Section 5.2 of the General Rules and Regulations on Tariff Sheets No. 6-23 through 6-27.

7. Alternating current service is provided at the following nominal voltages:
   a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts.
   b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts.

Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

RIGHT TO REFUSE SERVICE

The Company reserves the right to refuse applicants for service under this Pilot service if it determines that excessive additional capital expenditures will be required to provide service to that applicant. N

ELECTRIC VEHICLE PUBLIC CHARGING PILOT SERVICE
RATE CODE A90

AVAILABILITY
Available while this Pilot Service is in effect to non-residential customers for service only to electric vehicle loads including battery charging and accessory usage for the express purpose of providing public charging service to electric vehicles.

CONTRACT
Customers must contract for this service through an Electric Vehicle Public Charging Pilot Service Agreement with the Company. The contract period will be for 120 months.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and /or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Oct-May	Jun-Sep	
Customer Charge per Month	$29.98		R
Service at Secondary Voltage			
Demand Charge per Month per kW			
On-Peak Period Demand	$12.91	$17.51	R
Off-Peak Period Demand in Excess of On-Peak Period Demand	$2.50	$2.50	R
Energy Charge per kWh			
On-Peak Period Energy	$0.06771		R
Off-Peak Period Energy	$0.03194		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the On-Peak Period Billing Demand, Not to Exceed 50% of Total kWh	$0.01753		R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage		$0.70	R
		$0.00127	R

(Continued on Sheet No. 5-52.1)

In addition, customer bills under this rate are subject to the following adjustments and/or charges. N

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
For the first two years after the original effective date establishing this tariff, the minimum charge shall be equal to the Customer Charge. Effective two years after the original effective date establishing this tariff, the minimum charge shall be the total of the Customer Charge and a Facilities Charge based on the number of installed charging ports.

Facilities Charge	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5
Number of Charging Ports	1-9	10-19	20-29	30-39	40+
Monthly Minimum Charge	$75	$150	$300	$450	$600

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5. N

(Continued on Sheet No. 5-52.2)

DEFINITION OF PEAK PERIODS N

The on-peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off-peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics.

DETERMINATION OF ON-PEAK PERIOD DEMAND

The actual on-peak period demand in kW shall be the greatest 15-minute load for the on-peak period during the month for which the bill is rendered. The adjusted demand in kW for billing purposes shall be determined by dividing the actual on-peak demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW. In no month shall the on-peak period demand to be billed be considered as less than the current month's adjusted on-peak period demand in kW, or 50% of the greatest monthly adjusted on-peak period demand in kW during the preceding 11 months. In no month shall the on-peak billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 100 hours per month.

The greatest monthly adjusted on-peak period demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

DETERMINATION OF OFF-PEAK PERIOD DEMAND IN EXCESS OF ON-PEAK PERIOD DEMAND

The actual off peak period demand in kilowatts shall be the greatest 15-minute load for the off peak period during the month for which the bill is rendered rounded to the nearest whole kW. In no month shall the off-peak period demand for billing purposes be considered as less than the current month's actual off-peak period demand in kW, or 50% of the greatest monthly actual off-peak period demand in kW during the preceding 11 months.

The greatest monthly adjusted off-peak period demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

The off-peak period demand in excess of on-peak period demand in kW to be billed shall be determined by subtracting the billing on-peak period demand from the actual off-peak period demand as defined above, but only if the off-peak period demand is greater than the on-peak period demand.

POWER FACTOR

For three phase customers with services above 200 amperes, or above 480 volts, the power factor for the month shall be determined by permanently installed metering equipment. For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed. N

(Continued on Sheet No. 5-52.3)

MINIMUM DEMAND TO BE BILLED N

The monthly minimum on-peak period billing demand shall not be less than provided above.

TERMS AND CONDITIONS OF SERVICE

1. Electric Vehicle Fleet Pilot Service shall be served through wiring connected to customer's dedicated-meter.

2. Company may require customer to provide access for Company-owned equipment for the recording and wireless communication of energy usage.

3. The rate contemplates that this service will require the installation of new facilities to provide electric service to the electric vehicle charger.

4. Customer must execute an Electric Vehicle Public Charging Pilot Service Agreement with the Company.

5. Customer must retain a minimum four ports per site, or, in cases with less than four ports, a minimum of 50 kW of charging capacity.

6. Company waives CIAC requirements for non-residential customers under the Standard Installation and Extension Rules under Section 5.1(A)(1)(b), Section 5.1 (A)(2) and (3) and Section 5.2 of the General Rules and Regulations on Tariff Sheets No. 6-23 through 6-27.

7. Alternating current service is provided at the following nominal voltages:
   a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts.
   b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts.

Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

RIGHT TO REFUSE SERVICE

The Company reserves the right to refuse applicants for service under this Pilot service if it determines that excessive additional capital expenditures will be required to provide service to that applicant. N

CANCELED

(Continued on Sheet No. 5-65)

CANCELED

(Continued on Sheet No. 5-65.1)

CANCELED

(Continued on Sheet No. 5-66)

CANCELED

(Continued on Sheet No. 5-67)

CANCELED

(Continued on Sheet No. 5-68)

CANCELED

AVAILABILITY
Available to the Metropolitan Council's light rail transit lines for all electric power and energy required by its Traction Station service locations. Traction Stations will be aggregated as lines as they are put into service. Traction Stations common to more than one line will be aggregated with the line with which they were originally put into service.

RATE

Customer Charge per Month per Traction Station		$100.00	
Transmission and Distribution Demand Charge per Month per kW			
All Traction Station On Peak Non-Coincident Billing Demands		$7.04	R
Off Peak Period Non-Coincident Demand in Excess of On Peak Period Non-Coincident Demand		$1.80	R
Generation Demand Charge per Month per kW	Oct-May	Jun-Sep	
Rail Line On Peak Coincident Billing Demand	$5.17	$9.77	R
Energy Charge per kWh			
On Peak Period Energy		$0.06644	R
Off Peak Period Energy		$0.03067	R
Energy Charge Credit per Month per kWh			
All Energy in Excess of 400 Hours Times the On Peak Period Coincident Billing Demand, Not to Exceed 50% of the Energy		$0.01500	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 5-72)

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge of $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS
The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. The on peak period occurs Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When the designated holiday occurs on a Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

DETERMINATION OF TRACTION STATION ON PEAK PERIOD NON-COINCIDENT DEMAND
The individual Traction Station Actual On Peak Period Non-Coincident Demand in kW shall be the greatest 15-minute load during the on peak periods during the month for which the bill is rendered for each and every Traction Station along the Light Rail Line. The individual Traction Station Adjusted On Peak Period Non-Coincident Demand in kW for any one Traction Station for billing purposes shall be determined by dividing the Actual On Peak Period Non-Coincident Demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW. The total Traction Station Adjusted On Peak Period Non-Coincident Demand in kW for billing purposes shall be the sum of the individual Adjusted On Peak Period Non-Coincident Demands from each and every Traction Station.

DETERMINATION OF TRACTION STATION OFF PEAK PERIOD NON-COINCIDENT DEMAND
The individual Traction Station Actual Off Peak Period Non-Coincident Demand in kW shall be the greatest 15-minute load during the off peak periods during the month for which the bill is rendered for each and every Traction Station along the Light Rail Line. The individual Traction Station Adjusted Off Peak Period Non-Coincident Demand in kW for any one Traction Station for billing purposes shall be determined by dividing the Actual Off Peak Period Non-Coincident Demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW. The total Traction Station Adjusted Off Peak Period Non-Coincident Demand in kW for billing purposes shall be the sum of the individual Adjusted Off Peak Period Non-Coincident Demands from each and every Traction Station.

(Continued on Sheet No. 5-73)

DETERMINATION OF RAIL LINE ON PEAK PERIOD COINCIDENT DEMAND

The Rail Line Actual On Peak Period Coincident Demand in kW shall be the greatest simultaneous 15-minute load during the on peak periods during the month for which the bill is rendered for all of the Traction Stations along the Light Rail Line. The Rail Line Adjusted On Peak Period Coincident Demand in kW for billing purposes shall be determined by dividing the Actual On Peak Period Coincident Demand by the power factor expressed in percent but not more that 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW.

STREET LIGHTING SYSTEM SERVICE Section No. 5
RATE CODE A30 27th Revised Sheet No. 74

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by High Pressure Sodium (HPS), Metal Halide or Light Emitting Diode (LED) luminaires supported on poles, where the facilities for this service are furnished by Company. Underground Service under this schedule is limited to areas having a Company owned underground electric distribution system. Standard Service includes a monthly payment for the lighting system cost. Pre-Pay Option requires customer payment for the lighting system cost before establishing service.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Monthly Rate Per Luminaire				
	Standard Service			Pre-Pay	
Designation of Lamp (Lumens)	Overhead	Underground	Decorative	Option	
70W High Pressure Sodium	$12.09	$23.56	--	$7.09	R
100W High Pressure Sodium	$12.73	$24.20	$37.63	$7.84	
150W High Pressure Sodium	$13.77	$25.24	$38.96	$8.85	
200W High Pressure Sodium*	$15.82	--	--	--	
250W High Pressure Sodium	$17.02	$28.20	$41.58	$11.30	
400W High Pressure Sodium	$20.75	$31.71	$44.95	$14.56	
175W Metal Halide	$17.53	$32.45	$44.95	$15.55	
30-40W Light Emitting Diode (*4,000*)	$12.35	$23.82	--	$6.01	
50-75W Light Emitting Diode (*6,000*)	$13.11	$24.58	--	$6.63	
110-165W Light Emitting Diode (*14,000*)	$16.63	$27.80	--	$8.38	
200-250W Light Emitting Diode (*25,000*)	$20.35	$31.32	--	$10.38	R

*Closed to new customers

(Continued on Sheet No 5-74.1)

PRE-PAY OPTION SURCHARGE
A monthly surcharge per luminaire of 0.2% applies to the amount the purchase price exceeds $1,200.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

OTHER PROVISIONS
This schedule is also subject to provisions contained in Rules for Application of Street Lighting Rates.

STREET LIGHTING ENERGY SERVICE (CLOSED) Section No. 5
RATE CODE A32 26th Revised Sheet No. 76

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns a Company approved ornamental street lighting system complete with standards, luminaires with globes, lamps, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's facilities as designated by Company. Service is limited to existing lighting systems being served under this schedule.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp (Lumens)	Monthly Rate per Luminaire	
100W Mercury	$3.01	R
175W Mercury	$4.49	
250W Mercury	$6.09	
400W Mercury	$9.48	
700W Mercury	$15.77	
1,000W Mercury	$21.95	
50W High Pressure Sodium	$1.67	
70W High Pressure Sodium	$2.12	
100W High Pressure Sodium	$2.82	
150W High Pressure Sodium	$3.87	
200W High Pressure Sodium	$5.15	
250W High Pressure Sodium	$6.51	
400W High Pressure Sodium	$9.91	
750W High Pressure Sodium	$17.02	R
F72HO Fluorescent	$3.93	
<30W Light Emitting Diode (2,500)	$1.12	R
30-45W Light Emitting Diode (4,000)	$1.41	R
50-75W Light Emitting Diode (6,000)	$1.96	R
110-165W Light Emitting Diode (14,000)	$3.66	R
200-250W Light Emitting Diode (25,000)	$5.47	R

(Continued on Sheet No. 5-77)

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

OTHER PROVISIONS
This schedule is also subject to provisions contained in Rules for Application of Street Lighting Rates.

STREET LIGHTING ENERGY SERVICE - METERED Section No. 5
RATE CODE A34 30th Revised Sheet No. 78

AVAILABILITY
Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns and maintains an ornamental street lighting system complete with standards, luminaires with globes, lamps, photocells, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's meter as designated by Company.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Meter per Month	$5.50	R
Energy Charge per kWh	$0.05601	R

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 78.1)

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

CONDITIONS OF SERVICE
The customer owns and maintains ornamental street lighting system including underground cables, posts, lamps, ballasts, photocells, and glassware. Ballasts shall provide a power factor of at least 90% and photocells shall conform to specified daily operating schedule. Company furnishes energy only at central metered distribution points designated by Company. The daily operating schedule of the lamps shall be from approximately one-half hour after sunset until one-half hour before sunrise.

STREET LIGHTING SERVICE - CITY OF ST. PAUL Section No. 5
(CLOSED) 28th Revised Sheet No. 80
RATE CODE A37

AVAILABILITY
Available to the City of St. Paul for furnishing, maintaining, and operating certain electrical connections, lines, and appurtenances thereto, and supplying electric current for city street lighting.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp	Monthly Rate per Luminaire	
100W High Pressure Sodium	$6.45	R
150W High Pressure Sodium	$7.27	R
250W High Pressure Sodium	$9.42	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 5-81)

STREET LIGHTING SERVICE – CITY OF ST. PAUL
(CLOSED)
RATE CODE A37

OTHER PROVISIONS

This schedule is also subject to provisions contained in Rules for Application of Street Lighting Rates.

1. SERVICE INCLUDED IN RATE

a. *Street Lighting System Service*

Overhead, Underground, and Decorative
Company shall own, operate, and maintain the overhead and underground street lighting systems using Company's standard street lighting equipment.

Company Property
All poles, other material and equipment that may be used by Company in carrying out street lighting service shall be and remain the property of Company. Company shall have the right to install poles and other materials for street lighting service on or along public streets and alleys of customer and to remove the same upon expiration of term.

Terms and Conditions:

Standard Service
Except for customers choosing the pre-pay option for street lighting system service, the term of service will be a minimum of five (5) years. After the minimum five year service term, service shall continue thereafter for one (1) year terms, unless either party provides written notice at least ninety (90) days prior to the expiration of a term that customer intends to terminate the service. Existing lights that have been in service for more than five years at the time this Tariff provision is approved by the Commission will continue on 1-year terms until either party terminates the service based on the provisions listed above. Company shall furnish all electric energy necessary to operate the street lighting system, shall make all lamp and glassware renewals, clean the glassware, light and extinguish all lamps, make all ballast and starter renewals, and furnish all the materials and labor necessary for these services. Company shall also repair all damaged equipment.

Pre-Pay Option
Customer shall pay the Company upfront the costs associated with the entire ornamental street lighting system including underground cables, posts, lamps, ballasts, starters, photocells, and glassware. The Company retains ownership of the street lighting system. The street lighting system shall be Company approved and include a lamp type and wattage combination that corresponds to an existing Pre-Pay Option rate. Company shall furnish all electric energy necessary to operate the street lighting system, shall make all lamp and glassware renewals, clean the glassware, light and extinguish all lamps, make all ballast and starter renewals, and furnish all the materials and labor necessary for these services. Company shall also repair all damaged equipment for 25 years from the installation date. After 25 years, Company will repair damaged equipment when the damage is not associated with the age of the street lighting system. These repairs are routine in nature such as lamp, photo control, starter, and fuses.

(Continued on Sheet No. 5-83)

1. SERVICE INCLUDED IN RATE (Continued)

Prepay Option (Continued)
If in the Company's opinion, the condition of the street lighting system is such that replacement or significant renovation of the system is necessary (for example, due to underground faults, pole deterioration, ballast outage), the customer shall have two options:

(1) the customer must either transfer to the Street Lighting Energy Service – Metered rate, or
(2) reimburse Company for the installed cost of a replacement system.

Attachments
The Customer may not make any attachments, including but not limited to, banners, flags, signs, or holiday lighting, to the poles without the express written permission of Company. Approval of any such attachments will be at the sole discretion of the Company. In the event that any such attachments are made without written Company authorization, customer shall remove such attachments upon notice from Company. Any damage to Company property or other Company equipment caused by an unauthorized attachment by customer shall, after notice of damage to the customer be repaired by Company at the customer's expense. However, notice to customer prior to repair will not be required in case of an emergency or any other reason that requires immediate repair. In addition, if a street light outage is caused by an unauthorized attachment to Company property, service outage credits will not apply as described in paragraph 3 below.

b. *Street Lighting Energy Service*
The customer owns and maintains entire ornamental street lighting system including underground cables, posts, lamps, ballasts, photocells, and glassware. Ballasts shall provide a power factor of at least 90% and photocells shall conform to specified daily operating schedule. Company furnishes energy only at central distribution points designated by Company.

c. *City of St. Paul*
City owns and maintains lamp units, lamps, photocells, and glassware. Company owns and maintains distribution system, including hangers and furnishes energy at the lamp unit. Ballasts shall provide a power factor of at least 90% and photocells shall conform to specified daily operating schedule.

2. DAILY OPERATING SCHEDULE
The daily operating schedule of lamps shall be from approximately one-half hour after sunset until one-half hour before sunrise.

(Continued on Sheet No. 5-84)

3. OUTAGES

If illumination from any non-metered lamp is interrupted and the illumination is not resumed within 2 business days from the time the Company receives notice, 1/30th of the applicable monthly metered energy and fuel cost charges for the affected lamp(s) for each night of service outage shall be credited to the customer.

The Company shall apply such credits to all affected customers one time annually in the month of December of each year, together with an itemized list of the street lamps and/or poles associated with the credits.

Interruption of Company Performance:
In the event of the total or partial interruption of service where the Company is prevented from providing service, a customer shall not be charged under this tariff for the duration of time service cannot be provided. The Company will proceed with all reasonable diligence to put itself and its works in condition to resume and continue the supply of electric energy and the performance of the service. The Company shall not be responsible for any loss or damage resulting from the interruption or disturbance of service for any cause other than gross negligence of the Company. The Company shall not be liable for any loss of profits or other consequential damages resulting from the use of service or any interruption or disturbance of service.

4. SPECIAL SERVICES

a. *Street Lighting System Service*

Temporary Disconnection of Service (Street lighting facilities remain in place.)
When requested by the customer, Company will temporarily disconnect service to individual street lighting units provided the customer pays a monthly facilities charge equal to the regular monthly rate less the product of the average monthly kWh for the lighting unit and the energy charge from the Street Lighting Energy Service - Metered rate schedule. The customer must pay a charge of $25.00 to disconnect or reconnect each lighting unit.

Termination of Street Lighting Facilities
When requested by the customer, except for Pre-Pay Option lighting service, Company will remove all or a portion of a street lighting system and cease billing. The customer must pay termination costs for the removal and undepreciated value of facilities, less any salvage value, if the number of lights requested to be removed in any 12 month period exceeds 5% of the municipality's street lighting system.

(Continued on Sheet No. 5-84.1)

4. SPECIAL SERVICES (Continued)

b. *Street Lighting Energy Service*

Daily Operating Schedule Option

Reduced hours of operation from the standard daily operating schedule is available under the applicable commercial and industrial rate, subject to the following provisions:

(1) customer must install a meter socket at the service point, and
(2) customer shall provide all maintenance to lighting units and identify the lighting units with Company approved markings.

Disconnection of Service

During the period between customer disconnection and reconnection of street lighting units, Company will cease billing provided the disconnection is made on the line side of the lighting unit ballast. Customer disconnection not on the line side will require the customer to pay a charge to compensate for the lighting unit ballast core loss. When requested by the customer, Company will disconnect or reconnect street lighting units provided the customer pays a charge of $25.00 for the disconnection or reconnection of each lighting unit. The customer must identify all disconnected street lighting units with Company approved markings.

SMALL MUNICIPAL PUMPING SERVICE Section No. 5
RATE CODE A40 31st Revised Sheet No. 85

AVAILABILITY
Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants. (Rate schedule is applied separately to each delivery point.)

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Oct-May	Jun-Sep	
Customer Charge per Month	$11.50	$11.50	R
Energy Charge per kWh	$0.09540	$0.11226	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

(Continued on Sheet No. 5-86)

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

INSTALLATION OF DEMAND METERS
The Company shall install a demand meter for a customer when:

1. Customer's connected load is estimated to be 20 kW or greater, or
2. Customer is served single phase and has a service entrance capacity greater than 200 amperes, or
3. Customer is served three phase at 120/208 or 120/240 volts and has a service entrance capacity greater than 200 amperes, or
4. Customer is served three phase at 240/480 or 277/480 volts and has a service entrance capacity greater than 100 amperes, or

Customer's average monthly kWh use for four consecutive months exceeds 3,500 kWh.

If a demand meter is installed in accordance with the above, the customer may remain on the Small Municipal Pumping Service schedule as long as customer’s maximum demand is less than 25 kW. When the customer achieves an actual maximum demand of 25 kW or greater, the customer will be placed on the Municipal Pumping Service schedule in the next billing month. Customers with a billing demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small Municipal Pumping Service schedule.

MUNICIPAL PUMPING SERVICE Section No. 5
RATE CODE A41 32nd Revised Sheet No. 87

AVAILABILITY
Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants. (Rate schedule is applied separately to each delivery point.)

RATE

Customer Charge per Month	$25.98		R
	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW	$12.91	17.51	R
Energy Charge per kWh	$0.04697		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	$0.01753		R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.70	$0.00127	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-88)

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DETERMINATION OF DEMAND
The adjusted demand in kW for billing purposes shall be determined by dividing the maximum actual demand in kW by the power factor expressed in percent but not more than a 90% power factor and multiplying the quotient so obtained by 90% and rounding to the nearest whole kW. In no month shall the demand to be billed be considered as less than the current month's adjusted demand in kW nor greater than the value in kW determined by dividing the kWh sales for the billing month by 75 hours per month.

MAXIMUM DEMAND
The maximum actual demand in kW shall be the greatest 15 minute load during the month for which bill is rendered.

POWER FACTOR
For three phase customers with services above 200 amperes, or above 480 volts, the power factor for the month shall be determined by permanently installed metering equipment. For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed.

MINIMUM DEMAND TO BE BILLED
The monthly minimum billing demand shall not be less than provided above.

TERMS AND CONDITIONS OF SERVICE
Alternating current service is provided at the following nominal voltages:

1. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts, or
2. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts.

FIRE AND CIVIL DEFENSE SIREN SERVICE Section No. 5
RATE CODE A42 15th Revised Sheet No. 89

AVAILABILITY
Available for power service for the operation of municipal fire and civil defense warning sirens having a rated capacity not in excess of 25 horsepower.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE
Per Month per Horsepower of Connected Capacity $0.81 R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

MONTHLY MINIMUM CHARGE
Net per Month $3.88 R

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

CONNECTION
Under the above rate, the Company will make no extension for service other than a normal service span. Where conditions are such that a long service connection or extra transformer capacity, or both, are necessary, the customer shall either pay the entire cost of such extra equipment or pay a monthly facilities charge based on such costs.

The circuit serving the siren must be in conduit from the entrance to the motor with an enclosed entrance switch box, which may be sealed and operated from an external appliance.

OPTIONAL
In case the customer already has a service connection of sufficient capacity to permit operation of the siren without unduly disturbing conditions on the Company's nearby circuits, the siren may be connected at the option of the customer on the load side of the customer's existing meter and the commercial rate applied to the total load.

FUEL CLAUSE CHARGE

There shall be added to or deducted from the monthly bill a Fuel Cost Charge calculated by multiplying the applicable monthly billing kilowatt hours (kWh) by the billed Fuel Adjustment Factor (FAF) per kWh. The billed FAF is calculated by prorating each calendar month FAF by the number of customer billing days in each calendar month, and rounding to the nearest $0.00001 per kWh.

EXEMPTION

For customers participating in Company's Renewable*Connect and Renewable*Connect Government pilot programs, or the Windsource® Program under the Voluntary Renewable and High-Efficiency Energy Purchase Rider, the applicable billing kWh subject to the FAF shall be reduced by the elected Voluntary Renewable Adjustment energy blocks. In the event that a customer's metered energy use is lower than the subscribed energy blocks, the applicable billing kWh for the FAF for that month is zero.

For customer premises recognized by the Company as not being subject to any of the costs of satisfying the solar energy standard under Minn. Stat. § 216B.1691, subd. 2f ("SES Costs"), the SES Costs reflected in the Fuel Clause Charge assessed to the accounts associated with these premises may be credited to these accounts, and the dollar amount of these credits shall be added back into the Current Period Cost of Energy applicable to the time period when the credit is issued.

FUEL ADJUSTMENT FACTOR (FAF)

A separate FAF will be determined for each service category defined by customer class and time-of-day (TOD) period within the Commercial and Industrial – Demand class. The FAF for each service category is the sum of the Current Period Cost of Energy multiplied by the applicable FAF Ratio, and the applicable Energy Cost True-up Factor. The FAF Ratio is the Class Cost Ratio multiplied by the corresponding TOD Ratio:

Service Category	Class Cost Ratio	TOD Ratio	FAF Ratio	
Residential	1.0116	1.0000	1.0116	R
C&I Non-Demand	1.0180	1.0000	1.0180	R
C&I Demand	0.9949	1.0069	1.0018	R
C&I Demand TOD On-Peak	0.9949	1.2303	1.2240	R
C&I Demand TOD Off-Peak	0.9949	0.8450	0.8407	R
Outdoor Lighting	0.7992	1.0000	0.7992	R

(Continued on Sheet No. 5-91.1)

CURRENT PERIOD COST OF ENERGY

The Current Period Cost of Energy per kWh is defined as the qualifying costs, forecasted to be incurred during the calendar month, divided by the kWh sales forecasted for the same month. Qualifying kWh sales are all kWh sales excluding intersystem, Renewable*Connect, Renewable*Connect Government and Windsource® Program kWh sales. Qualifying costs are the sum of the following:

1. The cost of fuels consumed in the Company's generating stations as recorded in Federal Energy Regulatory Commission (FERC) Accounts 151 and 518.

2. The cost of energy purchases as recorded in FERC Account 555, exclusive of capacity or demand charges, irrespective of the designation assigned to such transaction, when such energy is purchased on an economic dispatch basis.

3. All Midwest ISO (MISO) costs and revenues authorized by the Commission to flow through this Fuel Clause Rider and excluding MISO costs and revenues that are recoverable in base rates, as prescribed in applicable Commission Orders.

4. All fuel and purchased energy expenses incurred by the Company over the duration of any Commission-approved contract, as provided for by Minnesota Statutes, Section 216B.1645, except any such expenses recovered in base rates or other riders.

5. The energy cost of purchases from a qualifying facility, as that term is defined in 18 C.F.R. Part 292 and Minn. Rule 7835.0100, Subp. 19, as amended, and the net cost of energy (and capacity if purchased on an energy output basis) purchases from any qualifying facility using wind energy conversion systems for the generation of electric energy, whether or not those purchases occur on an economic dispatch basis. Capacity costs associated with such purchased power contracts, which are in excess of 100 kW and commenced after the date of the Commission's final order in Docket No. E002/GR-05-1428, shall be excluded from Fuel Cost Charge recovery.

6. Less the fuel-related costs recovered through intersystem sales.

7. Less purchased power costs for the Renewable*Connect and Renewable*Connect Government pilot programs and for the Windsource® Program as recorded in FERC account 555.

8. Less neutrality charge cost recovery for the Renewable*Connect and Renewable*Connect Government pilot programs.

9. Less asset based margins from intersystem sales of excess generation and ancillary services. Asset based margins are defined as sales revenues less the sum of fuel and energy costs (including costs associated with MISO Day 2 markets that are booked to FERC Account 555) and any additional transmission costs incurred that are required to make such sales. N N N N

(Continued on Sheet No. 5-91.2)

ENERGY COST TRUE-UP FACTORS

An Energy Cost True-up Factor per kWh is calculated annually for each Class and TOD category by dividing the Energy Cost True-up Amount by the qualifying kWh sales forecasted for the proposed period of up to twelve months the rate will be in effect and then multiplied by the applicable FAF ratio. The application of true-up factors to customers' bills is subject to Commission approval. C C C C D

(Continued on Sheet No. 5-91.3)

RATE SCHEDULES BY SERVICE CATEGORY

Residential
Residential (A00, A01, A03)
Residential TOD (A02, A04)
Residential TOU Pilot Program (A72, A74)
Energy Controlled (A05)
Limited Off-Peak (A06)
Residential Electric Vehicle (A08)
Residential Electric Vehicle Pilot (A80, A81)
Residential Electric Vehicle Subscription Pilot (A82, A83)

Commercial and Industrial Demand – Non-TOD
General (A14)
Peak Controlled (A23)
Municipal Pumping (A41)

Commercial and Industrial Non-Demand
Energy Controlled (A05)
Limited Off Peak (A06)
Small General (A09, A10, A11, A13)
Small General TOD (A12, A16, A18, A22)
Small Municipal Pumping (A40)
Fire and Civil Defense Siren (A42)

Commercial and Industrial Demand – TOD
General TOD (A15, A17, A19)
Peak Controlled TOD (A24)
Tier 1 Energy Controlled Rider (A27) D
Light Rail Line (A29)
Electric Vehicle Fleet Pilot (A87, A88, A89) N
Electric Vehicle Public Charging Pilot (A90) N

Outdoor Lighting
Automatic Protective (A07)
Street Lighting System (A30)
Street Lighting Energy (Closed) (A32)
Street Lighting Energy – Metered (A34)
Street Lighting - City of St. Paul (A37)

PROVISION OF FORECAST DATA
To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on May 1st a 24-month forecast of the fuel and purchased energy costs applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

APPLICABILITY
Applicable to bills for electric service provided under the Company's retail rate schedules. Exemptions are as follows:

"Large Customer Facility" customers that have been exempted from the Company's Conservation Improvement Program charges pursuant to Minn. Stat. 216B.241 subd. 1a (b) shall receive a monthly exemption from conservation improvement program charges pursuant to Minn. Stat. 216B.16, subd. 6b Energy Conservation Improvement. Such monthly exemption will be effective beginning January 1 of the year following the grant of exemption. Upon exemption from conservation program charges, the "Large Customer Facility" customers can no longer participate in the Company's Energy Conservation Improvement Program.

RIDER
There shall be included on each non-exempt customer's monthly bill a Conservation Improvement Program (CIP) Adjustment, which shall be calculated by multiplying the monthly applicable billing kilowatt hours (kWh) by the CIP Adjustment Factor.

DETERMINATION OF CONSERVATION IMPROVEMENT PROGRAM ADJUSTMENT FACTOR
The CIP Adjustment Factor shall be calculated for each customer class by dividing the Recoverable Conservation Improvement Program Expense by the Projected Retail Sales for a designated recovery period. The factor may be adjusted annually with approval of the Minnesota Public Utilities Commission. The CIP Adjustment Factor for all rate schedules is:

All Classes	$0.001848 per kWh	R

Recoverable Conservation Improvement Program Expense shall be the CIP expense not recovered through base rates as determined from the CIP Tracker account balance for a designated period. All costs appropriately charged to the CIP Tracker Account shall be eligible for recovery through this Rider. All revenues received from the CIP Adjustment Factor shall be credited to the CIP Tracker Account.

Projected Retail Sales shall be the estimated kilowatt-hour sales to all non-exempt customers for the designated recovery period.

(Continued on Sheet No. 5-92.1)

DETERMINATION OF CONSERVATION COST RECOVERY CHARGE (CCRC)

The CCRC is the amount included in base rates dedicated to the recovery of CIP costs as approved by the Minnesota Public Utilities Commission (or successor agency) in the Company's last general rate case. The CCRC is approved and applied on a per kWh basis by dividing the test-year CIP expenses by the test-year sales volumes (net of CIP-exempt volumes). All revenues received from the CCRC shall be credited to the CIP Tracker Account. The CCRC for all rate schedules is:

All Classes	$0.004798 per kWh	R

DETERMINATION OF CCRC EXEMPTION ADJUSTMENT FACTOR

For "Large Customer Facilities", as defined in Minn. Stat. 216B.241 subd. 1, granted exemption by the Commissioner of the Minnesota Department of Commerce, Division of Energy Resources, pursuant to Minn. Stat. 216B.241, the CIP Adjustment Factor shall not apply and monthly bills will include a CCRC Exemption Adjustment credit determined by multiplying total billing kWh by the applicable CCRC Exemption Adjustment Factor. Customers' accounts granted exemption by a decision of the Commissioner after the beginning of a calendar year shall be credited for any CIP collections billed after January 1st of the year following the Commissioner's decision. The CCRC Exemption Adjustment Factor for all rate classes is:

All Classes	$0.004798 per kWh	R

PROVISION OF FORECAST DATA

To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on April 1st a 24-month forecast of the CIP Adjustment Factor applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year.

EXEMPTION

For customer premises recognized by the Company as not being subject to any of the costs of satisfying the solar energy standard under Minn. Stat. § 216B.1691, subd. 2f ("SES Costs"), the SES Costs reflected in the CIP Adjustment assessed to the accounts associated with these premises may be credited to these accounts, and the dollar amount of these credits shall be added as part of the Recoverable Conservation Improvement Program Expense applicable to the time period when the credit is issued.

SURCHARGE RIDER

A surcharge will be included in the monthly customer bills in Minnesota communities in an amount equal to any franchise gross earnings or other fee, permit or usage fee, excise, city sales or other charge or tax now or hereafter imposed upon Company by a community, whether by ordinance, franchise or otherwise, applicable to electric service supplied by Company to a customer.

The Company remits 100% of these fees collected from ratepayers to the local government unit.*

The Company will notify the Minnesota Public Utilities Commission of any new, renewed, expired, or changed fee, authorized by Minn. Stat. § 216B.36 to raise revenue, at least 60 days prior to its implementation. If the Company receives less than 60 days' notice of a repealed or reduced fee from a city, the Company will notify the Minnesota Public Utilities Commission within 10 business days of receiving notice. Notification to the Minnesota Public Utilities Commission will include a copy of the relevant franchise fee ordinance, or other operative document authorizing imposition of, or change in, the fee.

Affected customers will be notified on the first bill on which a new or modified fee is listed via the standard bill message below:

> *[The municipality] imposes a [X% of gross revenues/$X per meter/$X per kWh/$X per therm] fee on Xcel Energy collectable through a fee on Xcel Energy [electric/gas] accounts effective [effective date]. The line item appears on your bill as "City Fees." Xcel Energy remits 100% of this fee to [the municipality].*

*The amount collected for Baker is applied to the community's street lighting bill.

FRANCHISE AND OTHER CITY FEES

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.
— Indicates fee is not applied

Franchise Fees									
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date
Afton	$2.00	$2.00	$5.00	$5.00	$1.00	$1.00	$1.00	01/2005	08/16/2024
Albertville	$2.50	$5.00	$10.00	$50.00	$2.00	—	—	03/2011	09/07/2029
Bayport	$1.50	$3.00	$25.00	$50.00	$3.00	$3.00	$25.00	01/2014	05/04/2028
Big Lake	$4.00	$8.00	$8.00	$8.00	—	—	—	10/2014	07/04/2034
Bloomington	$3.75	$7.50	$40.00	$115.00	—	—	—	04/2016	12/20/2035
Brooklyn Center	$1.65	$4.25	$22.75	$103.00	$13.50	$13.50	$13.50	01/2020	12/08/2023
Brooklyn Park	$7.00	$7.50	$45.00	$160.00	—	—	—	03/2016	12/31/2028
Burnsville	$4.00	$12.00	$40.00	$180.00	—	—	—	09/2020	02/15/2036
Centerville	$4.00	$8.00	$8.00	$8.00	—	—	—	05/2016	01/26/2036
Champlin	$3.62	$9.80	$41.21	$144.24	$17.51	$17.51	$17.51	01/2020	11/23/2028
Chanhassen	$5.00	$14.00	$40.00	$290.00	—	—	—	02/2020	10/27/2039
Chisago City	$1.30	$5.00	$15.00	$55.00	$5.00	$5.00	$15.00	06/2009	02/28/2029
Circle Pines	$2.75	$3.00	$35.00	—	$3.00	—	—	10/2009	08/24/2029
Clara City	$2.00	$2.00	$15.00	$68.00	$2.00	$2.00	$15.00	01/2014	10/07/2033
Clements	$1.00	$1.00	$1.00	$1.00	—	—	—	07/2012	06/09/2024
Coon Rapids[1]	4.0%	4.0%	4.0%	4.0%	—	—	—	04/2018	01/13/2032
Cottage Grove	$1.65	$1.65	$8.25	$33.00	$3.30	$0.75	$8.25	03/2016	11/04/2023

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[1] Coon Rapids: The franchise fee excludes rate schedules for highway lighting, municipal street lighting, municipal water pumping, municipal fire sirens, and municipal sewage disposal service. For all consumers, the four percent franchise fee is applicable to the first $950,000 of calendar year gross operating revenues. The franchise fee is reduced to one half percent (0.5%) for the remaining amount of annual gross operating revenues exceeding $950,000.

(Continued on Sheet No. 5-93.1a)

FRANCHISE AND OTHER CITY FEES

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.
— Indicates fee is not applied

Franchise Fees									
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date
Dayton	$4.00	$12.00	$45.00	$200.00	$16.00	$16.00	$16.00	01/2020	09/09/2039
Deephaven	$2.50	$2.50	$2.50	$2.50	$2.50	$2.50	$2.50	04/2002	11/02/2030
Dilworth	$2.60	$6.00	$21.00	$136.50	—	$6.00	$21.00	05/2018	02/25/2038
Eagle Lake	$0.50	$0.50	$0.50	$0.50	—	—	—	10/2012	05/06/2032
Eden Prairie	$4.00	$5.00	$12.50	$55.00	—	—	—	04/2018	06/18/2032
Edina	$2.90	$4.90	$13.68	$58.32	—	—	—	07/2019	11/03/2035
Excelsior	$2.50	$2.50	$2.50	$2.50	$2.50	$2.50	$2.50	11/2012	08/02/2032
Falcon Heights	$2.25	$3.50	$22.00	$200.00	$2.00	—	—	10/2018	06/12/2038
Faribault[1]	$1.63	$1.94	$38.72	$338.80	—	—	—	01/2020	11/08/2024
Forest Lake	$4.00	$2.50	$18.50	$75.00	$7.50	$2.50	$18.50	05/2013	01/27/2033
Glyndon	$1.25	$1.00	$8.00	$35.00	$5.00	$0.50	$1.75	05/2020	01/21/2040 N
Golden Valley	$6.00	$6.00	$30.00	$258.00	—	—	—	04/2018	12/17/2027

(Continued on Sheet No. 5-93.2)

FRANCHISE AND OTHER CITY FEES (Continued)

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.
— Indicates fee is not applied

Franchise Fees									
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date
Goodview	$2.75	$3.00	$25.00	$110.00	$25.00	$2.50	$10.00	07/2006	04/30/2026
Grant	$2.35	$2.00	$14.00	$75.00	$2.00	$2.00	$2.00	01/2015	12/01/2023
Hayfield	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	01/2015	04/17/2031
Henderson	$3.00	$3.00	$3.00	$3.00	—	—	—	04/2012	08/16/2031
Hopkins	$3.50	$6.15	$24.70	$170.50	—	—	—	01/2019	12/31/2023
Inver Grove Heights	$2.75	$3.00	$25.00	$95.00	—	—	—	01/2018	06/30/2029
Landfall Village	$2.25	$4.75	$14.00	$65.00	$15.50	—	—	04/2014	12/10/2033
Lexington	$4.00	$6.50	$40.00	$170.00	—	—	—	03/2017	10/05/2031
Lindstrom	$2.50	$5.00	$24.00	$70.00	$7.00	$7.00	$7.00	04/2016	12/17/2028
Little Canada	$2.75	$5.25	$40.00	$230.00	$15.50	$2.00	$3.00	07/2010	08/26/2023
Long Lake	$4.00	$6.00	$40.00	$160.00	$4.00	$4.00	$4.00	01/2021	07/01/2038
Madison Lake	$1.00	$1.00	$1.00	$1.00	$1.00	$1.00	$1.00	05/2013	02/03/2033
Mahtomedi	$1.30	$1.38	$14.40	$110.28	$12.71	$0.63	$14.84	01/2005	10/18/2024
Mankato	$1.00	$1.55	$16.50	$223.00	$1.00	$0.25	$1.00	02/2015	09/21/2034
Mantorville	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	11/2012	08/12/2032
Maplewood	$3.00	$4.75	$30.00	$180.00	$4.00	$4.00	$4.00	11/2018	09/26/2024

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(Continued on Sheet No. 5-93.3)

FRANCHISE AND OTHER CITY FEES (Continued)

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.
— Indicates fee is not applied

Franchise Fees									
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date
Minneapolis	5.0%	5.5% <100 kW	5.5% <100 kW	3.5% ≥100 kW at primary or higher voltage 5.5% ≥100 kW at secondary voltage	5.5%	5.5%	5.5%	03/2018	10/16/2024
Minnetonka	$4.50	$4.50	$13.50	$45.00	—	$4.50	$4.50	01/2019	05/14/2038
Monticello	$1.95	$5.50	$31.00	$190.00	$12.00	$12.00	$31.00	06/2007	05/31/2027
Montrose	$4.00	$8.00	$8.00	$8.00	—	—	—	01/2020	09/09/2032
Mound	$2.75	$2.75	$2.75	$2.75	$2.75	$2.75	$2.75	01/2017	08/11/2023
Mounds View	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	01/2019	12/31/2021
New Brighton	$0.0047 per kWh	$0.0043 per kWh	$0.0033 per kWh	$0.0017 per kWh	$0.0054 per kWh	$0.0046 per kWh	$0.0033 per kWh	03/2016	11/25/2022
New Hope	$3.00	$6.00	$26.00	$115.00	—	—	—	01/2017	06/26/2031
New Richland	$1.00	$1.00	$1.00	$1.00	—	—	—	02/2013	07/11/2024
Newport	$1.00	$1.50	$14.00	$70.00	$5.00	$1.00	$10.00	01/2011	10/18/2026
North Branch	$3.50	$3.50	$8.75	$17.50	—	—	—	08/2018	04/09/2038

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(Continued on Sheet No. 5-93.4)

FRANCHISE AND OTHER CITY FEES (Continued)

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.
— Indicates fee is not applied

Franchise Fees									
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date
North Mankato	$1.00	$1.55	$16.50	$223.00	$17.62	$1.46	$12.30	04/2015	10/05/2034
Oakdale	$1.50	$3.00	$10.00	$8.00	$6.00	$2.00	$8.00	11/2013	10/27/2023
Osseo	$1.28	$2.07	$17.57	$102.65	$6.20	$0.45	$2.55	03/2012	10/26/2023
Owatonna	$0.0016 per kWh Customer peak demand less than 100 kW in calendar year $0.0014 per kWh Customer peak demand greater than 100 kW in calendar year							01/2003	04/01/2022
Plymouth	$2.18	$3.28	$10.93	$43.71	—	—	—	08/2019	07/09/2027
Prior Lake	$1.50	$5.00	$10.00	$50.00	—	—	—	07/2006	03/19/2026
Richmond	$1.00	$1.00	$1.00	$1.00	—	—	—	05/2013	05/03/2031
Richfield	$4.10	$12.50	$30.00	$185.00	—	—	—	04/2014	03/12/2027
Robbinsdale	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	06/2019	07/01/2021
Rogers	$5.00	$7.00	$45.00	$210.00	$17.00	$12.00	$65.00	01/2016	11/22/2024
Sartell	$4.00	$6.75	$15.00	$109.00	—	—	—	01/2017	09/11/2036
Sauk Rapids	4.0% Customers who purchase $50,000 or less in calendar year 1.5% That part which exceeds $50,000 in calendar year							02/2016	06/15/2023
Shakopee[1]	3.0%	3.0%	3.0%	3.0%	—	—	—	01/2017	08/06/2021
Shoreview	$3.75	$5.00	$36.00	$340.00	—	—	—	01/2021	07/17/2031 R

[1] Shakopee: The fee collected shall total three percent (3%) of the Company's gross revenues from its operations within the City collected from each customer of each class. For customers in the Large C&I class, the three percent franchise fee is applicable to the first $950,000 of calendar year gross revenues. The franchise fee is reduced to one-half percent (0.5%) for the remaining amount of annual gross revenues exceeding $950,000.

(Continued on Sheet No. 5-93.5)

FRANCHISE AND OTHER CITY FEES (Continued)

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.
— Indicates fee is not applied

Franchise Fees									
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date
Shorewood	$4.00	$8.00	$10.00	$25.00	—	—	—	10/2018	06/24/2038
South St. Paul[1]	5.0%	5.0%	5.0%	5.0%	—	—	—	04/2018	04/05/2030
Spicer	$1.00	$1.00	$8.00	$8.00	—	—	—	02/2013	10/01/2032
Spring Lake Park	$0.80	$1.20	$8.50	$50.00	—	—	—	04/2015	01/04/2035
St. Cloud[2]	4.0%	4.0%	4.0%	4.0%	—	—	—	12/2017	12/31/2024
St. Joseph	$1.00	$1.75	$10.00	2% purchase ≤$100,000 in calendar year 1.5% that part >$100,000 in calendar year	$8.00	$1.00	$10.00	02/2004	11/19/2023
St. Louis Park	$5.50	$10.00	$46.50	$146.50	—	$10.00	$46.50	06/2019	09/18/2036
St. Michael	$3.50	$2.50	$2.50	$10.00	$10.00	$2.50	$10.00	05/2011	11/24/2023
St. Paul[3]	See fee schedule in the Notes section on the following sheets.							11/2006	08/31/2026
St. Paul Park	$1.50	$2.00	$25.00	$335.00	$10.00	$1.00	$5.00	08/2005	05/15/2025
Stillwater	$2.00	$2.50	$18.00	$125.00	$4.00	$2.00	$18.00	06/2015	02/16/2035

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[1] South St. Paul: The franchise fee excludes rate schedules for highway lighting, municipal street lighting, municipal water pumping, municipal traffic signals, municipal fire sirens, and municipal sewage disposal service.

[2] St. Cloud: The franchise fee for residential heating customers will be 1.5% during the months of November – April.

[3] St. Paul: The monthly franchise fee will be as stated on the following sheets. The residential service franchise fee will be as stated except during the months of November - April when there will be no fee. The fee shall not exceed $620,000 during any calendar year from any large commercial and industrial customer qualifying for service on the Competitive Market Rider. The schedule on the following sheets show the meter, energy, and demand factor for each year of the St. Paul franchise and for each of the customer classifications.

(Continued on Sheet No. 5-93.6)

FRANCHISE AND OTHER CITY FEES (Continued)

Notes:
[3] St. Paul (continued)

Customer Class	Meter Factor - Monthly Charge per Account				
Start Date	1-Nov-2006	1-Nov-2008	1-Nov-2010	1-Nov-2012	1-Nov-2014
End Date	31-Oct-2008	31-Oct-2010	31-Oct-2012	31-Oct-2014	31-Oct-2016
Residential (May - October)	$2.63	$2.70	$2.77	$2.84	$2.91
Small Commercial & Industrial					
Non-Demand	$2.96	$3.09	$3.22	$3.35	$3.48
Firm Secondary	$2.96	$3.09	$3.22	$3.35	$3.48
Firm Primary	$2.96	$3.09	$3.22	$3.35	$3.48
Interruptible Secondary	$2.96	$3.09	$3.22	$3.35	$3.48
Interruptible Primary	$2.96	$3.09	$3.22	$3.35	$3.48
Large Commercial & Industrial					
Special	$5.04	$5.11	$5.18	$5.25	$5.32
Firm Secondary	$5.04	$5.11	$5.18	$5.25	$5.32
Firm Primary	$5.04	$5.11	$5.18	$5.25	$5.32
Firm Trans. Transf.	$5.04	$5.11	$5.18	$5.25	$5.32
Interruptible Secondary	$5.04	$5.11	$5.18	$5.25	$5.32
Interruptible Primary	$5.04	$5.11	$5.18	$5.25	$5.32
Interruptible TT	$5.04	$5.11	$5.18	$5.25	$5.32
Standby Service	None	None	None	None	None
Public Street & Highway Lighting	$6.74	$6.81	$6.88	$6.95	$7.02
Small Municipal Pumping					
Non-Demand	$2.96	$3.09	$3.22	$3.35	$3.48
Demand Secondary	$2.96	$3.09	$3.22	$3.35	$3.48
Demand Primary	$2.96	$3.09	$3.22	$3.35	$3.48
Large Municipal Pumping					
Demand Primary (Sec cust)	$2.96	$3.09	$3.22	$3.35	$3.48
Fire and Civil Defense Siren Service	$2.96	$3.09	$3.22	$3.35	$3.48

(Continued on Sheet No. 5-93.7)

FRANCHISE AND OTHER CITY FEES (Continued)

Notes:
[3] St. Paul (continued)

Customer Class	Meter Factor - Monthly Charge per Account				
Start Date	1-Nov-2016	1-Nov-2018	1-Nov-2020	1-Nov-2022	1-Nov-2024
End Date	31-Oct-2018	31-Oct-2020	31-Oct-2022	31-Oct-2024	31-Aug-2026
Residential (May - October)	$3.03	$3.15	$3.27	$3.40	$3.54
Small Commercial & Industrial					
Non-Demand	$3.62	$3.76	$3.91	$4.07	$4.23
Firm Secondary	$3.62	$3.76	$3.91	$4.07	$4.23
Firm Primary	$3.62	$3.76	$3.91	$4.07	$4.23
Interruptible Secondary	$3.62	$3.76	$3.91	$4.07	$4.23
Interruptible Primary	$3.62	$3.76	$3.91	$4.07	$4.23
Large Commercial & Industrial					
Special	$5.53	$5.75	$5.98	$6.22	$6.47
Firm Secondary	$5.53	$5.75	$5.98	$6.22	$6.47
Firm Primary	$5.53	$5.75	$5.98	$6.22	$6.47
Firm Trans. Transf.	$5.53	$5.75	$5.98	$6.22	$6.47
Interruptible Secondary	$5.53	$5.75	$5.98	$6.22	$6.47
Interruptible Primary	$5.53	$5.75	$5.98	$6.22	$6.47
Interruptible TT	$5.53	$5.75	$5.98	$6.22	$6.47
Standby Service	None	None	None	None	None
Public Street & Highway Lighting	$7.30	$7.59	$7.90	$8.21	$8.54
Small Municipal Pumping					
Non-Demand	$3.62	$3.76	$3.91	$4.07	$4.23
Demand Secondary	$3.62	$3.76	$3.91	$4.07	$4.23
Demand Primary	$3.62	$3.76	$3.91	$4.07	$4.23
Large Municipal Pumping					
Demand Primary (Sec cust)	$3.62	$3.76	$3.91	$4.07	$4.23
Fire and Civil Defense Siren Service	$3.62	$3.76	$3.91	$4.07	$4.23

(Continued on Sheet No. 5-93.8)

FRANCHISE AND OTHER CITY FEES (Continued)

Notes:
[3] St. Paul (continued)

Customer Class	Energy Factor - Monthly Charge per kWh				
Start Date	1-Nov-2006	1-Nov-2008	1-Nov-2010	1-Nov-2012	1-Nov-2014
End Date	31-Oct-2008	31-Oct-2010	31-Oct-2012	31-Oct-2014	31-Oct-2016
Residential (May - October)	$0.0094	$0.0095	$0.0096	$0.0097	$0.0098
Small Commercial & Industrial					
Non-Demand	$0.0040	$0.0040	$0.0040	$0.0040	$0.0040
Firm Secondary	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Firm Primary	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Interruptible Secondary	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Interruptible Primary	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Large Commercial & Industrial					
Special	$0.0028	$0.0028	$0.0028	$0.0028	$0.0028
Firm Secondary	$0.0013	$0.0013	$0.0013	$0.0013	$0.0013
Firm Primary	$0.0013	$0.0013	$0.0013	$0.0013	$0.0013
Firm Trans. Transf.	$0.0013	$0.0013	$0.0013	$0.0013	$0.0013
Interruptible Secondary	$0.0013	$0.0013	$0.0013	$0.0013	$0.0013
Interruptible Primary	$0.0013	$0.0013	$0.0013	$0.0013	$0.0013
Interruptible TT	$0.0013	$0.0013	$0.0013	$0.0013	$0.0013
Standby Service	None	None	None	None	None
Public Street & Highway Lighting	$0.0040	$0.0040	$0.0040	$0.0040	$0.0040
Small Municipal Pumping					
Non-Demand	$0.0040	$0.0040	$0.0040	$0.0040	$0.0040
Demand Secondary	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Demand Primary	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Large Municipal Pumping					
Demand Primary (Sec cust)	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Fire and Civil Defense Siren Service	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018

(Continued on Sheet No. 5-93.9)

FRANCHISE AND OTHER CITY FEES (Continued)

Notes:
[3] St. Paul (continued)

Customer Class	Energy Factor - Monthly Charge per kWh				
Start Date	1-Nov-2016	1-Nov-2018	1-Nov-2020	1-Nov-2022	1-Nov-2024
End Date	31-Oct-2018	31-Oct-2020	31-Oct-2022	31-Oct-2024	31-Aug-2026
Residential (May - October)	$0.0102	$0.0106	$0.0110	$0.0115	$0.0119
Small Commercial & Industrial					
Non-Demand	$0.0042	$0.0043	$0.0045	$0.0047	$0.0049
Firm Secondary	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Firm Primary	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Interruptible Secondary	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Interruptible Primary	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Large Commercial & Industrial					
Special	$0.0029	$0.0030	$0.0031	$0.0033	$0.0034
Firm Secondary	$0.0014	$0.0014	$0.0015	$0.0015	$0.0016
Firm Primary	$0.0014	$0.0014	$0.0015	$0.0015	$0.0016
Firm Trans. Transf.	$0.0014	$0.0014	$0.0015	$0.0015	$0.0016
Interruptible Secondary	$0.0014	$0.0014	$0.0015	$0.0015	$0.0016
Interruptible Primary	$0.0014	$0.0014	$0.0015	$0.0015	$0.0016
Interruptible TT	$0.0014	$0.0014	$0.0015	$0.0015	$0.0016
Standby Service	None	None	None	None	None
Public Street & Highway Lighting	$0.0042	$0.0043	$0.0045	$0.0047	$0.0049
Small Municipal Pumping					
Non-Demand	$0.0042	$0.0043	$0.0045	$0.0047	$0.0049
Demand Secondary	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Demand Primary	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Large Municipal Pumping					
Demand Primary (Sec cust)	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Fire and Civil Defense Siren Service	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022

(Continued on Sheet No. 5-93.10)

FRANCHISE AND OTHER CITY FEES (Continued)

Notes:
[3] St. Paul (continued)

Customer Class	Demand Factor - Monthly Charge per kW				
Start Date	1-Nov-2006	1-Nov-2008	1-Nov-2010	1-Nov-2012	1-Nov-2014
End Date	31-Oct-2008	31-Oct-2010	31-Oct-2012	31-Oct-2014	31-Oct-2016
Residential (May - October)	None	None	None	None	None
Small Commercial & Industrial					
Non-Demand	None	None	None	None	None
Firm Secondary	$1.10	$1.10	$1.10	$1.10	$1.10
Firm Primary	$1.06	$1.06	$1.06	$1.06	$1.06
Interruptible Secondary	$1.10	$1.10	$1.10	$1.10	$1.10
Interruptible Primary	$1.06	$1.06	$1.06	$1.06	$1.06
Large Commercial & Industrial					
Special	None	None	None	None	None
Firm Secondary	$1.10	$1.10	$1.10	$1.10	$1.10
Firm Primary	$1.06	$1.06	$1.06	$1.06	$1.06
Firm Trans. Transf.	$1.06	$1.06	$1.06	$1.06	$1.06
Interruptible Secondary	$0.81	$0.81	$0.81	$0.81	$0.81
Interruptible Primary	$0.71	$0.71	$0.71	$0.71	$0.71
Interruptible TT	$0.51	$0.54	$0.57	$0.60	$0.63
Standby Service	$0.30	$0.33	$0.36	$0.39	$0.42
Public Street & Highway Lighting	None	None	None	None	None
Small Municipal Pumping					
Non-Demand	None	None	None	None	None
Demand Secondary	$1.10	$1.10	$1.10	$1.10	$1.10
Demand Primary	$1.06	$1.06	$1.06	$1.06	$1.06
Large Municipal Pumping					
Demand Primary (Sec cust)	$1.06	$1.06	$1.06	$1.06	$1.06
Fire and Civil Defense Siren Service	$1.06	$1.06	$1.06	$1.06	$1.06

(Continued on Sheet No. 5-93.11)

FRANCHISE AND OTHER CITY FEES (Continued)

Notes:
[3] St. Paul (continued)

Customer Class	Demand Factor - Monthly Charge per kW				
Start Date	1-Nov-2016	1-Nov-2018	1-Nov-2020	1-Nov-2022	1-Nov-2024
End Date	31-Oct-2018	31-Oct-2020	31-Oct-2022	31-Oct-2024	31-Aug-2026
Residential (May - October)	None	None	None	None	None
Small Commercial & Industrial					
Non-Demand	None	None	None	None	None
Firm Secondary	$1.14	$1.19	$1.24	$1.29	$1.34
Firm Primary	$1.10	$1.15	$1.19	$1.24	$1.29
Interruptible Secondary	$1.14	$1.19	$1.24	$1.29	$1.34
Interruptible Primary	$1.10	$1.15	$1.19	$1.24	$1.29
Large Commercial & Industrial					
Special	None	None	None	None	None
Firm Secondary	$1.14	$1.19	$1.24	$1.29	$1.34
Firm Primary	$1.10	$1.15	$1.19	$1.24	$1.29
Firm Trans. Transf.	$1.10	$1.15	$1.19	$1.24	$1.29
Interruptible Secondary	$0.84	$0.88	$0.91	$0.95	$0.99
Interruptible Primary	$0.74	$0.77	$0.80	$0.83	$0.86
Interruptible TT	$0.66	$0.68	$0.71	$0.74	$0.77
Standby Service	$0.44	$0.45	$0.47	$0.49	$0.51
Public Street & Highway Lighting	None	None	None	None	None
Small Municipal Pumping					
Non-Demand	None	None	None	None	None
Demand Secondary	$1.14	$1.19	$1.24	$1.29	$1.34
Demand Primary	$1.10	$1.15	$1.19	$1.24	$1.29
Large Municipal Pumping					
Demand Primary (Sec cust)	$1.10	$1.15	$1.19	$1.24	$1.29
Fire and Civil Defense Siren Service	$1.10	$1.15	$1.19	$1.24	$1.29

(Continued on Sheet No. 5-93.12)

FRANCHISE AND OTHER CITY FEES (Continued)

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local governmental unit.
— Indicates fee is not applied

Franchise Fees										
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date	
Vadnais Heights	$4.00	$6.00	$26.00	$120.00	—	—	—	01/2021	01/01/2038	R
Victoria	$3.00	$10.00	$10.00	$10.00	—	—	—	02/2017	10/09/2036	
Waite Park	$4.00	$6.75	$15.00	$109.00	—	—	—	01/2019	06/10/2032	
Watertown	$3.00	$4.50	$16.00	$51.00	—	$13.50	$21.00	04/2010	04/10/2027	
Wayzata	$2.06	$4.64	$4.64	$15.45	$1.03	$1.03	$1.03	03/2011	11/30/2026	
White Bear Lake	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	05/2018	01/08/2038	
Winona	4.0% Customers who purchase $100,000 or less in calendar year 1.5% That part which exceeds $100,000 in calendar year							06/2003	06/15/2023	
Winsted	$2.00	$2.00	$2.00	$2.00	—	—	—	05/2012	12/19/2031	

(Continued on Sheet No. 5-93.13)

FRANCHISE AND OTHER CITY FEES

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.*
(U) Indicates unincorporated community

Other City Fees				
City	**Description**	**Effective Date**	**Expiration Date**	
West St. Paul	Pursuant to city code, the Company collects a 6.0% gross revenue tax derived from the sale of electricity within the City of West St. Paul. The amount collected is remitted to the City of West St. Paul.	07/2019	--	RC C
FEES NOT REMITTED DIRECTLY TO CITY				
Baker (U)	The Company collects a fee of $3.25 per residential and small commercial and industrial customer in the community of Baker for energy usage and maintenance on community street lighting. The amount collected is applied to Baker's street lighting bill.	03/1994	--	

*Except Baker. See above.

CANCELED C

DISCOUNT PROGRAM D
Eligible Senior and / or Disabled customers receive a $15 discount in each monthly billing period. Customers must be certified annually by an authorized agency as receiving assistance from the Low Income Home Energy Assistance Program. N N N

PowerOn PROGRAM
Eligible Seniors and / or Disabled, and Customers Under 62 Years of Age with no Disability.
A customer using more than 3% of their annual household income for electric use may be eligible for the Company's PowerOn affordability program. Customers must be certified annually by an authorized agency as receiving assistance from the Low Income Home Energy Assistance Program. The Company will offer customers with the lowest income, and a history of electric consumption that exceeds the residential average of 750 kWh per month, an affordable monthly bill. For a customer to be eligible for a supplemental reduction in their electric bill, the customer must agree to affordable monthly payments. N N

Medical Affordability PROGRAM N
Available to customers with certified medical circumstances and an income level up to 50 percent of the state median income guidelines. Availability will be extended to medically certified customers with income up to 60 percent of the state median income guidelines if funds are available. Availability is on a first-come/first-served basis until the budget is exhausted.

- Affordability Credit: Participating customers will receive an affordability credit limiting their bill to 3% of household income.
- Arrearage Credit: Participating customers will receive an arrearage credit. Receipt of the arrearage forgiveness credit will require a customer copayment that does not exceed 3% of the customer's annual income. The arrearage credit is designed to eliminate customer arrears over a period of 12 to 24 months.
- Customer Payment Requirements: Participating customers that miss two consecutive monthly payments will be removed from the program and subject to regular collection practices, including service disconnection. N

TERMS AND CONDITIONS OF SERVICE

1. The company will review current billing information, approved LIHEAP benefits and household income to make payment arrangements with the customer. A mutually agreed to payment plan will be offered to the customer and a payment schedule provided.

2. Customer must maintain an active account registered under customer's name with the Company to be eligible for this discount Rider.

3. Customers receiving assistance from LIHEAP with electric service through one meter for domestic and non-domestic purposes jointly may be eligible for this Discount Rider subject to Company's verification and approval. The Company shall determine the kWh use that is for domestic purposes. This Discount Rider only applies to kWh use for domestic purposes.

(Continued on Sheet No. 5-96)

TERMS AND CONDITIONS OF SERVICE (Continued)

4. Qualified customers are only eligible to receive an energy discount under this Rider at one residential location at any one time and the discount only applies to a qualified customer's permanent primary residence. This Rider will not be available when, in the opinion of the Company, the customer's accommodation or occupancy is of temporary nature.

5. The discount shall be prospective and may not be applicable to past due bills or non-electric services.

6. An annual application and eligibility declaration is required for each request for service under this Rider. Without declaration of continuing eligibility, the discount ends in the September calendar month of each year.

7. It is the customer's responsibility to notify the Company if there is a change of address or eligibility status.

8. Discounts will be credited to the eligible customer bills one billing month after Company's receipt of notification of LIHEAP certification. The applicable discount under this Rider will be retroactive to the October billing month during that same LIHEAP fiscal year.

9. Refusal or failure of a customer or agencies to provide documentation of eligibility acceptable to the Company may result in removal from this Rider.

10. Customers may be rebilled for periods of ineligibility under the applicable rate schedule.

11. This Rider shall meet the conditions of Minnesota Statutes, Chapter 216B.16, Subd. 14 on low income discount rates.

PROGRAM SURCHARGE

Rider program costs shall be recovered in the following per month amounts, with the total surcharge as a separate line item on customer billing statements:

Service Category	Base	PowerOn	Medical Affordability	Total	
Residential	$0.58	$0.21	$0.19	$0.98	R
C&I Non-Demand	$0.78	$0.26	$0.23	$1.27	R
C&I Demand	$2.34	$0.66	$0.60	$3.60	R

Xcel Energy customers who receive LIHEAP assistance in the current LIHEAP year (October 1–September 30) and Lighting class service customers are exempt from paying the program surcharge.

AVAILABILITY

Available to Residential Service customers with:

1. Company controlled central air conditioning, or
2. Company controlled heat pumps receiving Energy Controlled Service (Non-Demand Metered) with optional non-interruptible service during June through September.

Company controlled electric water heating is also available to residential customers with a controlled central air conditioner or heat pump, except electric water heaters served with the Energy Controlled Service (Non-Demand Metered) rate schedule. Availability is limited to customers located in areas which are within the operating range of radio control transmitters.

CUSTOMERS UNDER THIS RIDER WILL BE SUBJECT TO THE FOLLOWING CREDIT: T

RIDER

Residential Central Air Conditioning. A $10 monthly bill credit will be applied for the billing months of June through September. The maximum monthly credit is the monthly base energy charge. C

Residential Electric Water Heating. A $2 monthly bill credit will be applied for all billing months provided total monthly energy use is not less than 300 kWh. C C C

TERMS AND CONDITIONS OF SERVICE

1. The duration and frequency of interruptions will be determined by Company. Customer's air conditioning equipment will normally be cycled on a schedule designed to achieve a 50% reduction in the homes air conditioning requirements during load management period. Air conditioning interruptions will normally occur on high demand days during summer months. Water heating interruptions will normally occur on high demand days during summer and winter months. Interruption will normally be based on meeting peak demands and system economic dispatch requirements of Company. However, interruption may also occur at times when, in the Company's opinion, the reliability of the system may be at risk. Air conditioning and water heating interruptions will not normally occur during the observation day of the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. The interruptions as described above, will be made so as to benefit native load and may occur up to a maximum of 300 hours per calendar year. C C C C

2. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

3. To be eligible for this service, customer must agree to Company load control for a minimum term of one year.

(Continued on Sheet No. 5-98)

TERMS AND CONDITIONS OF SERVICE (Continued)

4. The storage capacity of the water heater shall be 40 gallons or more in order to be eligible for this service. D

5. Rider availability for heat pump installations is limited to those sized for summer cooling requirements, as determined by Company. D T

AVAILABILITY
Available to non-residential customers with Company controlled central air conditioning. Availability is restricted to customers with single and/or dual stage air conditioning units.

RIDER
A $5.00 per ton per month credit shall be applied to customer's bill during each of the four summer billing months (June through September).

TERMS AND CONDITIONS OF SERVICE

1. The duration and frequency of interruptions will be determined by the Company. Customer single and dual stage air conditioners will be cycled on a schedule designed to achieve a 50% reduction in the building air conditioning requirements during a load management period. Dual stage air conditioners will be allowed to have the first stage run without interruption while the second stage will be shut off for the entire load management period. Air conditioning interruptions will normally occur on high demand days during summer months. Interruption will normally be based on meeting peak demands and system economic dispatch requirements of Company. However, interruption may also occur at times when, in the Company's opinion, the reliability of the system may be at risk. Air conditioning interruptions will not normally occur during the observation day of the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. The interruptions as described above, will be made so as to benefit native load and may occur up to a maximum of 300 hours per calendar year.

2. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

3. To be eligible for this service, customer must be on Small General Service, Small General Time of Day Service, General Service, or General Time of Day Service and customer must agree to Company load control for no less than one year.

4. Rider will not be available to customers that have an air conditioning system which significantly exceeds summer cooling requirements, as determined by Company.

5. Company will normally control every air conditioning unit at the customer's building. Subject to Company approval, customers may exclude individual air conditioning units from Company control where those units serve either a sufficiently isolated area within a building or a separate building.

6. Availability is limited to customers located within the operating range of radio control transmitters.

7. Those air conditioning units that the Company is not able to install equipment on will be excluded.

(Continued on Sheet No. 5-99.1)

TERMS AND CONDITIONS OF SERVICE (Continued)

8. If the Company determines that its load management equipment on the customer's premises has been rendered ineffective due to tampering by use of mechanical, electrical, or other devices or actions, then the Company may discontinue the customer's participation in the program. The customer would be billed for all expenses involved with the removal of the load management equipment and any charges resulting from the investigation of the device tampering. The Company may rebill all prior load management credits received by the customer to the date the tampering appears to have first occurred or the previous twelve months, which ever is longer. The customer will be removed from the program and is not eligible to participate again for twelve months. The Company will verify installation has been corrected before the customer is permitted to participate in the program.

OFF SEASON LOAD RIDER

AVAILABILITY

Available to any General Service customer whose maximum monthly demand occurs during the usage months of April, May, October, or November. Typical applications would be agricultural grain drying and handling loads.

RATE

The General Service rate provisions apply except the adjusted demands established during the usage months of April, May, October, and November are not included in determining the 50% demand ratchet contained in the General Service determination of demand provision.

TERMS AND CONDITIONS OF SERVICE

1. The customer's usage months for this Rider must be contained by the following meter reading schedule. The two month fall season begins no earlier than the billing cycle 11 meter reading date in mid-September and ends no later than the billing cycle 10 meter reading date in mid-December. The two month spring season begins no earlier than the billing cycle 11 meter reading date in mid-March and ends no later than the billing cycle 10 meter reading date in mid-June.

2. Customer must compensate Company for the costs associated with local distribution facilities required to serve customer load during the months of April, May, October, and November, which is in excess of customer's base load during the remaining months.

STANDBY SERVICE RIDER

AVAILABILITY

Applicable to customers that use a customer-sited generation source with a capacity greater than 100 kW to serve a defined portion of the customer's total electric energy requirements and where customer chooses to use the Company's electric service to serve that defined load when the customer-sited generation is either partly or wholly unavailable. Customer must select one of the following services types: Firm Unscheduled Maintenance, Firm Scheduled Maintenance, or Non-Firm service. This Rider is not available to solar photovoltaic generation systems and is closed to new wind generation systems.

Under this tariff the Company will provide Standby Service in accordance with the provisions of this tariff as well as those of Section 2.4 of the General Rules and Regulations.

RATE

	Firm Standby		Non-Firm	
	Unscheduled Maintenance	Scheduled Maintenance	Standby	
Customer Charge per Month	$25.98	$25.98	$25.98	R
Reservation Demand Charge per Month per kW of Contracted Standby Capacity				
Secondary Voltage Service	$3.38	$3.28	$2.50	R
Primary Voltage Service	$2.68	$2.58	$1.80	R
Transmission Transformed Voltage Service	$1.63	$1.53	$0.75	R
Transmission Voltage Service	$0.88	$0.78	$0.00	R
Peak Period Standby Energy Surcharge per kWh				
June – September		$0.07616		R
Other Months		$0.05282		R

Energy Charge per kWh. All energy used under this Rider will be charged at the applicable energy rate of the base tariff to which this Rider is attached and is not applicable to the base tariff Energy Charge Credit.

STANDBY ENERGY USAGE

Standby energy usage occurs when the customer-sited generation source output in kW is less than contracted standby kW capacity. Standby energy usage in kWh is measured in 15-minute intervals and is defined as the kWh energy associated with constant operation of customer-sited generation at the contract standby kW capacity level less actual energy production of customer-sited generation, but not less than zero kWh for each 15-minute interval. Actual energy production of customer-sited generation will be measured by Company-owned and installed production metering equipment.

(Continued on Sheet No. 5-101.1)

PEAK PERIOD STANDBY ENERGY USAGE N
Peak period standby energy usage is the amount of Standby Energy Usage occurring during the peak period N
that does not occur during a qualifying scheduled maintenance period or is associated with Non-Firm service. N
Peak period standby energy usage is subject to the Peak Period Standby Energy Surcharge. N

DEFINITION OF PEAK PERIOD N
Peak period hours are the six hours between 1:00 p.m. and 7 p.m. for all days. N

In addition, customer bills under this rate are subject to the following adjustments and/or charges. L

FUEL CLAUSE L
Bills are subject to the adjustments provided for in the Fuel Clause Rider. L

RESOURCE ADJUSTMENT L
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5. L

(Continued on Sheet No. 5-102)

L

DETERMINATION OF DEMAND

The billing demand in kW for application to the Standby Service Reservation Demand Charge rate will be the contracted Standby capacity specified in the customer's Electric Service Agreement, which is the maximum capacity of Standby Service the Company is obligated to supply, and is the amount of load expected to be served by the customer-sited generation source. In no case shall the contracted Standby capacity be established at more than the capacity of the customer-sited generation source. Contracted Standby capacity may be different for the summer and winter seasons or by month. C

The metered capacity in kW supplied by Company for Standby Energy Usage by customer will be excluded from the actual demand in kW used to determine any billed demand for the base tariff to which this Rider is attached. This exclusion is determined as the maximum total customer demand, defined as the total of capacity supplied by the customer-sited generation source and the Company measured in 15-minutes intervals, less contracted Standby capacity. All demand measurements will be determined with Company owned and installed meters. The exclusion of capacity supplied by Company for Standby Energy Usage by customer from any base tariff determination of demand calculation is represented by the equation: Base tariff actual demand in kW = Site load (Company supplied capacity in kW measured by the base tariff service meter + Customer supplied capacity in kW measured by production metering of customer-sited generation) – Contracted Standby capacity in kW as determined by the customer nomination in effect for the applicable billing period.

Any billing demand in kW for the base tariff to which this Rider is attached will be calculated using the applicable determination of demand provision defined in the base tariff. For a time of day base tariff, the on-peak and off-peak periods used for billed demand calculations will be based on the definition of peak periods included in the time of day base tariff. C

TERMS AND CONDITIONS OF SERVICE

1. Standby Service Rider is applicable to any customer who requires greater than 100 kW of Standby capacity. Standby Service may not be used by a customer to serve controllable demand that is subject to interruption as determined by the Company under the Company's controllable service schedules.

(Continued on Sheet No. 5-103)

TERMS AND CONDITIONS OF SERVICE (Continued)

2. Customer will execute an Electric Service Agreement with the Company which will specify:
   a. Type of Standby Service elected by the customer and the base tariff to which this Rider is attached.
   b. The total Standby capacity requirements for which Company will be providing Standby power and to which the Standby Service reservation rate applies as well as the expected level of standard service the customer will take, even if the standard service level is expected to be zero. T
   c. The process and requirements for nominating contracted Standby capacity, including seasonal or monthly levels. N N

3. The Company's standard service meter will be detented to measure only the amount of capacity and energy provided by the Company to the customer.

4. Company will not be obligated to supply Standby Service to back-up a customer's generator at a level in excess of the Standby capacity for which customer has contracted. This restriction in no way limits the amount of standard service the customer requires from the Company under the standard service tariff to which this Rider is attached. Any limits on standard service are governed by the provisions contained in the standard service tariffs.

5. Customer will be liable for all damages allowed by law to the extent caused by customer's use of Standby power in excess of contracted Standby capacity.

6. Company will require customer to revise the Electric Service Agreement to contract for additional Standby capacity if the customer exceeds the contract amount in any three of the preceding 12 months.

7. Customer will annually furnish documentation to Company confirming the maximum capacity and reliability of the power source for which customer requires Standby Service. The Company and the customer will review the actual output and performance of the power source relative to the capacity nominated for Standby Service in the Electric Service Agreement. If this review shows a significant and consistent shortfall between the power source's actual performance and the nominated capacity due to factors reasonably within the customer's control, the Company will notify the customer of its intent to refuse to provide Standby Service. Upon receipt of such notice, the customer may agree to reduce the Standby Service nomination in its Electric Service Agreement or to take such action as necessary to operate the power source at or reasonably near the nominated Standby Service capacity. If the customer's power source does not operate at or reasonably near that level during the 12 months immediately following the Company's notice, the Company may refuse to provide Standby Service until such time as the customer agrees to reduce its Standby Service nomination or provide the Company with documentation demonstrating the power source's actual performance at or reasonably near the nominated Standby Service capacity for a trial period of three consecutive months.

8. Customer will remain on Standby Service for a period of not less than 12 months.

(Continued on Sheet No. 5-104)

TERMS AND CONDITIONS OF SERVICE (Continued)

9. In the event Company provides advance notice to customer of expected system peak load conditions for a specified time period and customer uses unscheduled standby backup demand during that time period, the backup demand quantity used will be billed at the firm service demand charge from the base tariff to which this Rider is attached instead of the Reservation Demand charge. The quantity of unscheduled standby backup demand used for this provision will be the maximum 15-minute measured interval of unscheduled standby backup demand used during the specified system peak hours, measured as contracted standby capacity less the capacity provided by the customer-sited generation source. Company notice of expected system peak load conditions for this provision will be provided through the same means Company uses to notify interruptible customers of an interruption requirement. N N N N N N N N N

10. Company will install and charge customer for the additional metering necessary, to allow for determining Peak Period Standby Energy usage. In particular, the Company will install a separate meter that measures the flow of power and energy from the customer's own generating facility. Customer shall reimburse the Company for the costs of installing, operating, and maintaining the required additional metering and for any other facilities required to serve the customer's Standby load. If, as a result of the customer's construction and installation of their generating facility, it is more practical for the customer to install some or all of the metering equipment required, the customer may be permitted to do so, subject to Company's approval of such equipment. LC C L

(Continued on Sheet No. 5-105)

ADDITIONAL TERMS AND CONDITIONS OF SERVICE ASSOCIATED WITH THE SCHEDULED MAINTENANCE OPTION

1. The optional Scheduled Maintenance rates are available to Standby Service customers who agree to schedule maintenance of their power source during qualifying scheduled maintenance periods.

2. Qualifying Scheduled Maintenance Periods

   Maintenance may occur within the calendar months of April, May, October, and November without written customer notice to Company prior to the beginning of the maintenance period regardless of the size of the contracted Standby capacity.

   In other months for customers with a base time of day tariff to which this Rider is attached, regardless of the size of the contracted Standby capacity, scheduled maintenance may occur, with Company approval, during weekends and holidays as identified in the time of day base tariff, where a documented customer request is provided no less than 48 hours prior to the beginning of the planned maintenance period. Company will endeavor to approve or deny the customer request within 24 hours of receiving the request.

   For months other than April, May, October, and November, customers with a minimum contracted Standby capacity of 1,000 kW may schedule maintenance at a time period mutually agreed to by Company and customer, following a documented customer request. These time periods for scheduled maintenance will normally not include those times when Company expects high system seasonal peak load conditions or high energy production costs.

   Customer shall provide an annual projection of scheduled maintenance to the Company. Customer shall be allowed changes or additions to this projection upon notice to the Company based on the following schedule:

Outage Length	Required Notice
Less than 72 hours	24 hours
3 days to 30 days	7 days
Over 30 days	90 days

3. The duration of qualifying scheduled maintenance periods may not exceed a total of 56 days in any 12 month period.

(Continued on Sheet No. 5-106)

ADDITIONAL TERMS AND CONDITIONS OF SERVICE ASSOCIATED WITH THE SCHEDULED MAINTENANCE OPTION (Continued) T C

4. If customer does not comply with all terms and conditions for qualifying scheduled maintenance periods during any billing month, all use of Standby Service for the same month will be subject to the Peak Period Standby Energy charge provision. Company may determine partial non-compliance and limit the quantity of Standby Service usage subject to the Peak Period Standby Energy charge provision. Company reserves the right to remove availability of the Scheduled Maintenance Option for any customer upon a determination of significant and multiple occurrences of failure to comply with all associated terms and conditions.

5. The use of Standby Service during qualifying scheduled maintenance periods will not be included in the determination of Peak Period Standby Energy usage. C

(Continued on Sheet No. 5-107)

ADDITIONAL TERMS AND CONDITIONS OF SERVICE FOR NON-FIRM STANDBY OPTION

1. Non-firm standby rates are available to customers who agree to use Standby Service only by prearrangement with the Company.

2. Company makes no guarantee that Standby Service will be available to Non-Firm Standby Service customers; however, the Company will make reasonable efforts to provide Standby Service whenever possible.

3. Customer must request use of Standby Service and receive approval from the Company prior to actually using Standby Service.

4. Use of Standby Service without prior approval by the Company shall subject the Non-Firm Standby Service customer to the following:
   a. The monthly demand charges from the base tariff applied to the unapproved Standby Service used in the month in which unapproved use of Standby Service occurred, plus
   b. Firm Standby Service unscheduled maintenance option reservation fees retroactively applied to the six months prior to the month in which unapproved use of Standby Service occurred.

5. If unapproved use of Standby Service occurs twice in any 12 month period, the Company reserves the right to convert the Non-Firm Standby Service customer to Firm Standby Service.

6. Non-Firm Standby Service customers will remain on Non-Firm Standby Service for a period of not less than five years which includes a one year trial period.

AVAILABILITY

Applicability of Supplemental Service is similar to that of Standby Service Rider, where customers with an alternative generation source greater than 60 kW, which serves all or a portion of the customer's electric energy requirements and where customer chooses to use the Company's electric service when the alternative generation is either partly or wholly unavailable.

Specifically, Supplemental Service is targeted at applications where the output of the alternative generation is designed primarily to meet the customer's thermal-load requirements and as such, the generator's electric energy output is variable because it is dependent on the customer's thermal requirements.

The normal expectation of this Rider is that the customer will contract for a firm portion of their backup supply from the Company under the Standby Service Rider and will contract for the variable portion under this Supplemental Generation Service Rider. Each customer request for service under this Rider will be evaluated on a customer specific basis to determine eligibility.

Under this service, the Company will provide Supplemental Generation Service in accordance with the provisions of the General Rules and Regulations, Section 2.4.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RESERVATION RATES

Customer Charge per Month	$25.98	
Demand Charge per Month per kW of Contracted Supplemental Service		
Secondary Voltage Service	$3.83	R
Primary Voltage Service	$3.13	R
Transmission Transformed Voltage Service	$2.08	R
Transmission Voltage Service	$1.33	R

USAGE RATES

Demand Charge per Month per kW of Supplemental Generation Capacity Used. There will be no Usage Rate demand charge for Supplemental capacity actually used under this Rider except if that capacity is used during one of the Company's energy controlled or peak controlled interrupt periods. In such case, the demand will be charged as described below.

Energy Charge per kWh of Supplemental Generation Energy Used. Energy actually used under this Rider during normal time periods will be charged at the same energy and fuel cost charges as contained in the base tariff to which this Rider is attached. However, if energy is used during one of the Company's energy controlled or peak controlled interrupt periods, the energy will be charged as described below.

(Continued on Sheet No. 5-109)

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, and the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DETERMINATION OF SUPPLEMENTAL GENERATION DEMAND
The billing demand applicable to this Supplemental Generation Service Rider is determined separately from the billing demand applicable to the base tariff to which this Rider is attached. The billing demand for this Rider will be the quantity specified in the customer's Electric Service Agreement which is the maximum capacity of Supplemental Generation Service the Company is obligated to supply. The demand applicable to this Rider may be a different amount specified for each month where it is dependent on the variable thermal load requirements.

The amount of Supplemental Service capacity actually used by the customer, when customer's generator is wholly or partly out of service, will have no effect on the billing demand under the base tariff and will be subtracted from the total metered demand, to determine the demand for standard service, to which the base tariff demand charge applies. The amount of Supplemental Service capacity actually used, is the amount of the Supplemental Service capacity contracted for, less the actual capacity supplied by the customer's generating facilities (assuming it is operating, but not at full capacity) but not less than zero. For applying the Usage Rate, as referenced in Section 10 below of this Rider, the Supplemental Generation Demand will be the maximum actual demand (as adjusted for power factor) that is supplied by the Company to serve that portion of the customer's load, up to the contracted Supplemental Generation Capacity, not served by the customer's alternative source of electric energy supply.

(Continued on Sheet No. 5-110)

DETERMINATION OF SUPPLEMENTAL GENERATION ENERGY

Supplemental Generation Energy shall be that portion of the customer's total energy requirements provided by the Company to supplement the customer's generation. Supplemental Generation Energy shall be calculated hourly, and shall be Supplemental Generation Capacity for which the customer has contracted, less generation output above the contracted Standby capacity (as defined in the Standby Service Rider), but not less than zero.

TERMS AND CONDITIONS OF SERVICE

1. This Supplemental Generation Service Rider is applicable to any customer who requires greater than 60 kW of backup capacity from the Company. Supplemental Generation Service may not be used by a customer to serve controllable demand that is subject to interruption as determined by the Company under the Company's controllable service schedules.

   The Company and customer will develop and attach to the Electric Service Agreement, a load control procedure for the customer that specifies the customer's demand side load reductions or alternative generation capacity the customer intends to use to avoid Supplemental Generation Demand Usage Rate charges. This attachment will specifically state that when customer has been notified that an energy control or peak control period has been initiated, the customer must reduce the load served by Company by an amount equal to the difference between actual generator output and contracted Supplemental Generation Capacity. Additionally, the customer's demand served under the base tariff to which this rider is attached, shall not increase during any energy control or peak control period. If customer fails at either of these requirements, customer will incur Supplemental Generation usage charges as defined in Section 10 below.

2. Customer will execute an Electric Service Agreement with the Company which will specify:
   a. Type of Standby Service elected by the customer under the Standby Service Rider and the base tariff to which the Standby and Supplement Service Riders are attached,
   b. The individual and total capacity requirements for which Company will be providing Standby and Supplemental Generation Service and to which the respective Rider charges apply, and
   c. The expected initial level of firm service the customer will take under their base tariff, even if that expected level is zero, as well as any expected changes in load over the term of the agreement.

(Continued on Sheet No. 5-111)

TERMS AND CONDITIONS OF SERVICE (Continued)

3. The Company's standard service meter will be detented to measure only the amount of capacity and energy provided by the Company to the customer.

4. Company will not be obligated to supply Supplemental Generation Service to backup a customer's generator at a level in excess of the Supplemental Generation Capacity for which customer has contracted. This restriction in no way limits the amount of standard service the customer requires from the Company under the base tariff to which this Rider is attached. Any limits on standard service are governed by the provisions contained in the standard service tariffs.

5. Customer will be liable for all damages allowed by law to the extent caused by customer's use of Supplemental power in excess of contracted Supplemental Generation Capacity.

6. Company will require customer to revise the Electric Service Agreement to contract for additional Supplemental Generation Capacity if the customer exceeds the contract amounts in any three of the preceding 12 months.

7. Customer will annually furnish documentation to Company confirming the maximum capacity and reliability of the power source for which customer requires Supplemental Generation Service. Company and customer will review actual output and performance of the power source relative to the capacity nominated for Supplemental Generation Service in the Electric Service Agreement. If this review shows a significant and consistent shortfall between the power source's actual performance and the nominated capacity due to factors reasonably within customer's control, Company will notify customer of its intent to refuse to provide Supplemental Generation Service. Upon receipt of such notice, customer may agree to reduce the Supplemental Generation Service nomination in its Electric Service Agreement or to take such action as necessary to operate the power source at or reasonably near the nominated Supplemental Generation Service Capacity. If customer's power source does not operate at or reasonably near that level during the 12 months immediately following Company's notice, Company may refuse to provide Supplemental Generation Service until such time as customer agrees to reduce its Supplemental Generation Service nomination or provide Company with documentation demonstrating the power source's actual performance at or reasonably near the nominated Supplemental Generation Service for a trial period of three consecutive months.

8. Customer will remain on Supplemental Generation Service for a period of not less than 12 months.

(Continued on Sheet No. 5-112)

TERMS AND CONDITIONS OF SERVICE (Continued)

9. Customer will be allowed to take Supplemental Generation Energy from the Company at any time, up to the maximum contracted level of Supplemental Generation Demand, without incurring any usage demand charges except during the periods listed below.

10. In the event customer requires Supplemental Generation Service during one of the Company's energy control periods, customer will pay for the Supplemental Generation Energy used during the energy control period at the applicable control period energy rate as listed in Company's Energy Controlled Service tariff.

    In the event customer requires Supplemental Generation Service during one of the Company's peak control periods, as defined in the Rules for Application of Peak Controlled Services, customer will pay for the Supplemental Generation Energy used during the peak control period at twice the applicable control period energy rate as listed in Company's Energy Controlled Service tariff plus a fee of $10.00 per kW of maximum Supplemental Generation Capacity used during the peak control period.

    However, if this use occurs at the times of Company's system peak hours in which the Company would have insufficient Accredited Capacity under the Midwest Reliability Organization (MRO) or any successor organization, and the Company incurs additional capacity costs as a result of such Supplemental Generation Service used by customer, customer shall pay Peak Demand Charges for the month in which such Supplemental Generation Service use occurs and for each of the five succeeding months, instead of the above listed demand charges and/or Reservation Fees. Such Peak Demand Charges shall be based upon the following:

    a. If customer has notified Company of the need to use Supplemental Generation Service at least three hours prior to Company's system peak hour, such Supplemental Generation Peak Demand charges shall be based on one-sixth of any additional capacity costs incurred by the Company as a result of using Supplemental Generation Service. Such additional capacity costs shall not include any after-the-fact capacity purchase costs incurred by the Company.

    b. If customer has not notified the Company of any need for Supplemental Generation Service at least three hours prior to the Company's system peak hour, such Supplemental Generation Peak Demand charges shall be based on one-sixth of any additional capacity costs or after-the-fact purchase costs incurred by the Company as a result of using Supplemental Generation Service. The demand for billing purposes for the succeeding five months shall be equal to the Supplemental Generation Demand placed on the system during the time of the Company's system peak hour.

(Continued on Sheet No. 5-113)

TERMS AND CONDITIONS OF SERVICE (Continued)

The potential capacity charge provisions of this Section 10 shall not apply if appropriate capacity accreditation has been obtained for the customer's generation from the Midwest Reliability Organization (MRO), or any successor organization. Customer must take responsibility for the preparation of the information necessary for the accreditation filing. The Company can advise and assist the Customer in this process but failure of customer in the preparation of the information and/or failure to obtain accreditation of the customer's generation will result in the customer being ineligible for the exemption from the capacity charge provisions of this Section 10.

11. In the event any portion of the capacity obtained by the Company at additional costs and which is attributable to the customer's use of Supplemental Service under Section 10 above, is subsequently also used to satisfy the requirements of the Company's other customers, the peak demand charges under Section 10 above shall be reduced relative to the portion of said capacity used to serve the other customers.

12. The Company shall provide notice to the Supplemental Generation Service customers when energy control or peak control conditions are expected to occur through the same means that the Company notifies interruptible customers of the potential interruption.

13. Company will install and charge customer for the additional metering necessary, as determined by the Company, to allow for determination of the separate billing demands applicable to the base tariff, Standby Service Rider and Supplemental Generation Service Rider demands. In particular, the Company will install a separate meter that measures the flow of power and energy from the customer's own generating facility. Customer shall reimburse the Company for the costs of installing, operating, and maintaining the required additional metering and for any other facilities required to serve the customer's Supplemental Generation load. If, as a result of the customer's construction and installation of their generating facility, it is more practical for the customer to install some or all of the metering equipment required, customer may be permitted to do so subject to Company's approval of such equipment.

(Continued on Sheet No. 5-114)

ADDITIONAL TERMS AND CONDITIONS ASSOCIATED WITH SCHEDULING MAINTENANCE

1. Supplemental Generation Service customers shall schedule maintenance of their power source during qualifying scheduled maintenance periods.

2. Qualifying Scheduled Maintenance Periods

   Customers With Greater than 60 kW up to 10,000 kW of Contracted Standby and Supplemental Generation Capacity. Maintenance must occur within the calendar months of April, May, October, and November. Customer must provide Company with written notice of scheduled maintenance prior to the beginning of the maintenance period.

   Customers With Greater Than 10,000 kW of Contracted Standby and Supplemental Generation Capacity. Maintenance must occur at a time period mutually agreed to by Company and customer. These time periods will normally not include those times when Company expects system seasonal peak load conditions to occur, nor at those times when Company is required to use generation equipment or to purchase power that results in production costs of $70 or more per MWh. Customer shall provide an annual projection of scheduled maintenance to the Company. Customer shall be allowed changes or additions to this projection upon notice to the Company based on the following schedule:

Outage Length	Required Notice
Less than 48 hours	24 hours
2 days to 30 days	7 days
Over 30 days	90 days

3. The duration of qualifying scheduled maintenance periods may not exceed a total of six weeks in any 12 month period.

4. An additional charge shall apply if customer does not comply with all terms and conditions for qualifying scheduled maintenance periods. The additional charge shall be determined by calculating the additional charges which would have applied if customer were billed on the Unscheduled Maintenance Option for the period extending back to the customer's last scheduled maintenance period.

5. The demand charges of the base tariffs of General Service or General Time of Day Service shall not apply to use of Supplemental Service during qualifying scheduled maintenance periods.

TIER 1 ENERGY CONTROLLED SERVICE RIDER Section No. 5
RATE CODE A27 14th Revised Sheet No. 115

AVAILABILITY
Availability is restricted to customers who are taking service on the Tier 1 option of the Peak Controlled Time of Day Service.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RATE
The rates and provisions of Tier 1 of the Peak Controlled Time of Day Service schedule shall apply except that the on peak and off peak energy charges for secondary voltage are replaced as follows:

Energy Charge per kWh

Firm On Peak Period Energy	$0.06771	R
Firm Off Peak Period Energy	$0.03194	R
Controllable On Peak Period Energy	$0.06552	R
Controllable Off Peak Period Energy	$0.03156	R
Control Period Energy	$0.09000	

TERMS AND CONDITIONS OF SERVICE

1. Failure to Control Charge: Except as provided for under Control Period Energy Service described below, the following charges will apply in any month customer fails to control load to Predetermined Demand Level or fails to control the full amount of their fixed Controllable Demand under the Optional PDL:
   a. An additional charge of $10.00 per kW will apply during each Company specified control period to the amount by which customer's Maximum Adjusted Demand exceeds their Predetermined Demand Level, and
   b. The Control Period Energy charge will apply to the energy used during the control period that is associated with the customer's Controllable Demand.

   After three such customer failures to control load to their Predetermined Demand Level, Company reserves the right to increase the Predetermined Demand Level or remove customer from Tier 1 Energy Controlled Service Rider and apply the cancellation charge specified in customer's Electric Service Agreement.

(Continued on Sheet No. 5-116)

TERMS AND CONDITIONS OF SERVICE (Continued)

2. The duration and frequency of interruption periods shall be at the discretion of Company. Interruption periods will normally occur at such times when:
   a. Company is required to use generation equipment or to purchase power that results in production costs in excess of $70 per MWH,
   b. Company expects a reasonable possibility of system load levels surpassing the level for which NSP has sufficient accredited capacity under the Midwest Reliability Organization (MRO) or any successor organization, including reserve requirements, or
   c. In Company's opinion, the reliability of the system is endangered.

3. Customer's Electric Service Agreement with Company will include a maximum of 300 hours of interruption per year.

4. All other provisions of Tier 1 of the Peak Controlled Time of Day Service schedule not in conflict with the Tier 1 Energy Controlled Service Rider shall apply.

CONTROL PERIOD ENERGY SERVICE

AVAILABILITY

Available to Tier 1 Energy Controlled Service Rider customers for supply of Controllable Demand related energy during control periods. The Control Period Energy charge will apply when the Company is required to use generation equipment or to purchase power that results in production costs in excess of $70 per MWh. Control Period Energy Service will not be available when Company expects system peak load conditions or during system emergencies.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RATE

The control period energy charge will apply to all Controllable Demand related energy used during the control period.

TERMS AND CONDITIONS OF SERVICE

1. Control Period Energy Service will be available provided such service will not adversely affect firm service to any customer.

2. Company reserves the right to refuse or control the supply of Control Period Energy Service if its capacity is not adequate to furnish such service.

(Continued on Sheet No. 116.1)

TERMS AND CONDITIONS OF SERVICE (Continued)

3. All other provisions of the Tier 1 Energy Controlled Service Rider not in conflict with Control Period Energy Service shall apply.

4. Company notice of commencement of control period will include notice of availability of Control Period Energy Service.

APPLICABILITY
Applicable to bills for electric service provided under the Company's Residential and non-demand-metered Small General Service schedules, excluding lighting services.

RIDER
For customers subject to this rider, there shall be included on each customer's monthly bill a Revenue Decoupling Mechanism Rider (RDM Rider) which shall be the applicable Revenue Decoupling Mechanism Rider factor multiplied by the customer's monthly kWh electric consumption.

DETERMINATION OF RDM RIDER FACTORS
Annual RDM Rider Factor
Each year during the term of this rider the Company will calculate an RDM Rider factor for each applicable class. These factors will be based on revenues billed through December 31 and applied to bills from April 1 through the March 31 of the following year. The RDM Rider factors are:

Residential without Space Heating (A01, A02, A03, A04, A05, A06)	$0.003069 per kWh surcharge	R
Residential with Space Heating (A00, A01, A02, A03, A04, A05, A06)	$0.000512 per kWh surcharge	R
Small General Service (non-demand) (A05, A06, A09, A10, A11, A12, A16, A18, A22)	$0.002849 per kWh surcharge	R

The calculation for the RDM Rider factor is:

Annual RDM Rider factor = RDM Rider Deferral / Forecasted Sales

For purposes of this section the following definitions apply:

RDM Rider Deferral — Annual RDM Rider Deferral = the sum of the 12 monthly RDM Rider Deferrals plus any under- or over-recovery of the previous Annual RDM Rider Deferral as described in item 3 of the RDM Rider Deferral Account on tariff sheet 5-118.

Forecasted Sales — Forecasted Usage = forecasted use in kWh for the timeframe the RDM Rider factor to be in place.

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(Continued on Sheet No. 5-118)

DETERMINATION OF RDM RIDER FACTORS (Continued)

RDM Rider Deferral Account

1. Each month the Company will calculate the Monthly RDM Rider Deferral, which will be entered in the RDM Rider Deferral Account. Separate deferrals will be calculated for Residential Standard, Residential with Electric Space Heating, and non-demand-metered Small General services.

   Monthly RDM Rider Deferral = (FRC x C) – (FEC x Sales)

   For purposes of this section, the following definitions apply:

   FRC — Fixed Revenue per Customer = Energy charge revenues divided by customer count, calculated monthly from test year data. Expressed in dollars per customer

   C — Customer Count = Actual customer count for deferral month.

   FEC — Fixed Energy Charge = Average energy charge for each month of test year. Expressed in dollars per kWh

   Sales — Actual Sales = Actual billed sales for deferral month. Expressed in kWh.

2. The Company will defer and amortize the Monthly RDM Deferrals in Account 182.3 or 254.

3. Any under- or over-recovery of the Annual RDM Rider Deferral will be included as a deferral in the RDM Rider Deferral Account and reflected in the calculation of the following year's Annual RDM Rider factor.

TERM

The Company will begin calculating Monthly RDM Rider Deferrals in the first full month after receiving a Final Order from the Commission in Docket No. E002/GR-13-868, but not before January 1, 2016.

The Company will file its proposed Annual RDM Rider factor surcharge or credit with the Commission annually on February 1, beginning on February 1, 2017. The proposed rate will become effective on April 1 each year and remain in effect for the next 12 months, or until April 1 of the following year. In the event the Company files a rate case during the pilot program, the RDM rider factors from deferrals in a test year will not be applied to bills until final rates in that proceeding have been approved by the Commission.

REVENUE DECOUPLING RIDER

APPLICABILITY
Applicable to all retail electric services except protective and street lighting services. N

RIDER
Customer bills will include a surcharge or credit determined by applying the applicable Revenue Decoupling Rider (RDR) factor to the customer's billed kWh electric consumption.

ANNUAL RDR FACTORS
RDR factors for each applicable class will be determined and updated annually based on revenue differences for each calendar year that result from differences between approved and actual sales and customers. Updated factors for each calendar year, including a true-up for prior period, will apply for twelve months beginning April 1 following the applicable year.

RDR FACTORS

Residential (Rate Codes A00, A01, A02, A03, A04, A05, A06, A08, A72, A74, A80, A81, A82, A83)	$0.000000 per kWh
Non-Residential Non-Demand Billed (Rate Codes A05, A06, A09, A10, A11, A12, A13, A16, A18, A22, A40)	$0.000000 per kWh
Non-Residential Demand (Rate Codes A14, A15, A17, A19, A23, A24, A27, A29, A41, A62, A63, A87, A88, A89, A90, Interdepartmental)	$0.000000 per kWh

DETERMINATION OF ANNUAL RDR FACTORS
Annual RDR factors for each RDR category will be the applicable RDR Deferral divided by forecast sales, where:
- RD Rider Deferral = Calendar year difference between approved and actual base rate revenue
- Base rate revenue excludes fuel costs and cost recovery riders
- Approved base revenue is base rate revenue by RDR category approved by the Commission in the Company's most recent concluded general rate proceeding.
- Forecast sales will be the most current sales forecast by RDR category for the period of April 1 through March 31 following each calendar year.

TERM
The Company will begin calculating Monthly Revenue Decoupling Rider Deferrals on January 1, 2022 and will file proposed Annual Revenue Decoupling Rider factors with the Commission annually on April 1 beginning April 1, 2023. The proposed rate will become effective on April 1 each year and remain in effect for the 12 months. In the event the Company files a rate case, the RDR factors from deferrals in a test year will not be applied to bills until final rates in that proceeding have been approved by the Commission. N

AREA DEVELOPMENT RIDER

AVAILABILITY

Available to new or existing demand metered customers located in Area Development Zones whose proper Standard Industrial Classification (SIC) is manufacturing or wholesale trade and who qualify for other development incentives offered by local government entities. The availability of this Rider is limited to specific Area Development Zones that meet the criteria listed below as set forth by the Commission.

ZONE DESIGNATION

Area Development Zones in the seven county Twin Cities' metropolitan area (Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington Counties) must be located within one of the cities lying within the "Fully Developed Area" as classified by the Metropolitan Council in the document entitled "Metropolitan Development and Investment Framework (December 1988)" that has experienced a decline in combined employment in manufacturing and wholesale trade between 1980 and the most recent year for which data are available as published by the Minnesota Department of Economic Security. Eligible communities are Bloomington, Columbia Heights/Hilltop, Crystal, Fridley, Golden Valley, Hopkins, Minneapolis, New Brighton, Roseville, South St. Paul, St. Louis Park, and St. Paul. Area Development Zones in cities located outside the seven county Twin Cities' metropolitan area must be located in a city with a minimum population of 25,000 based on the most recent U.S. Census of Population and must be located in a county (or counties) that have experienced a decline in combined employment in manufacturing and wholesale trade between 1987 and the most recent year for which data are available as published by the Minnesota Department of Economic Security. The Area Development Zone must be an existing or proposed industrial park with a minimum size of ten acres. The maximum total number of active zones at any time is 18; the maximum number of active zones in the seven county Twin Cities' metropolitan area is 15. The maximum number of active zones in any community is three. A zone can be "decertified" and a new Area Development Zone established at any time as long as there are no more than three Area Development Zones in a community at any point in time.

RATE

The rates and provisions of the customer's regular rate schedule shall apply except monthly demand charges for customer's Qualified Billing Demand shall be reduced as follows:

Years	Percent Reduction
1 - 3	50%
4	30%
5	20%
6	0%

(Continued on Sheet No. 5-120)

QUALIFIED BILLING DEMAND
The portion of the customer's billing demand that qualifies for reduced demand charges.

New Customers. The total billing demand of new customers shall be defined as Qualified Billing Demand.

Existing Customers. The billing demand in excess of customer's base billing demand shall be defined as qualified billing demand. The base billing demand for each month will be calculated by averaging the monthly billing demands from the two-year period immediately preceding the customer's application for this Rider.

NEW CUSTOMERS
To be considered a new customer for the purpose of this Rider, an applicant must demonstrate one of the following:

1. That business has not been conducted at the premises for at least three monthly billing periods prior to application,
2. That the predecessor customer is in bankruptcy and the applicant has obtained the business in a liquidation of assets sale,
3. Customer's activities are largely or entirely different in nature from that of the previous customer, or
4. If the activities are not so different, that the owner(s), operator(s), or manager(s) are substantially different.

EXISTING CUSTOMERS
Existing customers who materially increase their use of electric service may qualify for service under this Rider, provided such material increase is the result of the addition of equipment, or expansion of the customer's facility or operations. The customer shall notify the Company in writing and document the basis for the material increase in its use of electric service. Following such notification, the Company will review the customer's monthly billing demands. If the billing demands for each of the next three consecutive months exceed that from the comparable monthly period of the preceding year by at least 25%, the customer will be eligible thereafter to receive service under this Rider.

RIGHT TO REFUSE SERVICE
The Company reserves the right to refuse applicants for service under this Rider if it determines that significant additional capital expenditures will be required to provide service to that applicant. In such cases, an applicant may be able to qualify for service by making a non-refundable contribution to compensate for the significant additional capital costs incurred by the Company to supply service to the applicant.

(Continued on Sheet No. 5-121)

ENERGY EFFICIENCY
For service taken on this Rider, the Company will conduct an energy audit and inform the customer of the conservation programs available from the Company.

ELECTRIC SERVICE AGREEMENT
Any customer taking service under this Area Development Rider shall execute an Electric Service Agreement, or amend their existing Electric Service Agreement, with the Company for a period of six years beginning on the effective date on which the customer commences taking service under this Rider; however, customers who began service under the Pilot Area Development Rider before June 28, 1995, with Electric Service Agreement terms of five years, will not be required to amend or modify those agreements. Such Electric Service Agreements (new or amended) shall state the increased or new load level of the customer as well as the customer's obligation to continue to purchase all of their electric power and electric energy from the Company during the term of the agreement.

AVAILABILITY

Available at Company's discretion to demand-metered commercial and industrial customers that are subject to effective competition.

Effective competition exists if a customer is located in Company's service territory and has the ability to obtain its energy requirements from an energy supplier not rate regulated by the Minnesota Public Utilities Commission (“Alternate Supplier”) for: T N

1. Existing customers with a minimum load of 2 MW that are located in Company’s service territory and subject to effective competition by having the ability to obtain its energy requirements from an Alternate Supplier, or N N N
2. New customers with a minimum initial load of 10 MW with the ability to increase total load to 75 MW within five years that are subject to effective competition by having the ability to locate a new facility outside Company's service territory with energy requirements provided by an Alternate Supplier. N N N

RATE

Standard service rates and provisions, including controllable service provisions, apply except the level of the demand charges, energy charges, or both may be reduced for each customer as described below.

TERMS AND CONDITIONS OF SERVICE

1. Customer must provide Company with information that documents that service to the customer is subject to effective competition. The Company will treat information provided by the customer to the Company concerning load levels and effective competition that meets the definition of trade secret information under the Minnesota Government Data Practices Act (“Act”) as trade secret information and, if provided to the Commission or other state agency, will request that the Commission or any other state agency treat the information as trade secret under the Act. T T

2. Minimum load served under this Rider is 2 MW for existing customers and 10 MW for new customers. Any rate offered under this Rider shall not be available for any month in which the load served under this Rider falls below the required minimum load level. N C

3. Customer must execute an Electric Service Agreement with Company, or amend its existing Electric Service Agreement with the Company, to include:
   a. The rate under this Rider, which:
      i) must recover at least the incremental cost of providing service, including the cost of incremental capacity that is to be added while the rate is in effect and any applicable on peak or off peak differential;
      ii) must not exceed the difference between the standard tariff and the cost to the customer of the lowest cost competitive energy supply; and
      iii) includes an annual minimum charge to fully recover distribution costs.

(Continued on Sheet No. 5-123)

TERMS AND CONDITIONS OF SERVICE

3. Customer must execute an Electric Service Agreement with Company, or amend its existing Electric (Continued)
   b. The term of service under this Rider, which must be no less than one year and no longer than seven years for existing customers and ten years for new customers, beginning on the date the customer begins taking service under this Rider, N T
   c. The size of the load served under this Rider,
   d. Verification that customer has been fully informed of the availability of energy audits. If no energy audit is performed for customer, an explanation of why an energy audit was not necessary will be included.
   e. Establishing the effective date of the rate, which must be at least 60 days after the date upon which the Company files its petition for Commission approval of the Electric Service Agreement,
   f. If the Customer requests that the rate be implemented on an interim rate basis, a statement that the rate will be treated as an interim rate as of the effective date and until Commission approval, modification or disapproval is received. If a modified rate is approved and accepted by the customer and Company, or if the rate is disapproved, the Company will recover the difference between the interim rate and the approved rate (modified or base) from the customer, and
   g. Requirements for a bond or other security acceptable to the Company to provide full recovery of any portion of any interim rate discount disallowed by the Commission.

4. For existing customers receiving a discount, the Company, within a general rate case, is allowed to seek recovery of the difference between the applicable commercial and industrial tariff and this Rider times the usage level during the test year period.

5. A rate under this Rider shall meet the conditions of Minnesota Statutes, Section 216B.03, Reasonable Rate, for other customers in this same customer class.

6. Unless the Commission determines that it would be in the public interest, a rate under this Rider shall not compete with district heating or cooling provided by a district heating utility defined by Minnesota Statutes, Section 216B.166, Subdivision 2, Paragraph (c).

7. A rate offered under this Rider may not be offered to a customer in which the Company has a financial interest greater than 50%.

(Continued on Sheet No. 5-124)

REGULATORY REVIEW

If the Customer requests that the rate be implemented on an interim rate basis, the rate offered under this Rider will be effective on an interim basis after filing by Company of the proposed rate with the Commission and upon the date specified in the Electric Service Agreement. If the Commission does not approve the rate, Company may seek to recover the difference in revenues between the interim competitive rate and the modified rate or the standard tariff rate, as applicable, from the customer who was offered the competitive rate.

The Commission has the authority to approve, modify, or reject a rate under this Rider. If the Commission approves the rate, it is effective as agreed to by the Company and customer. If the rate is modified by the Commission, the Commission shall issue an order modifying the rate subject to the approval of the Company and the customer. Each party has ten days in which to reject the proposed modification. If no party rejects the proposed modifications, the Commission's order becomes final. If either party rejects the Commission's proposed modifications, the Company on its behalf or on the behalf of the customer, may submit to the Commission a modified version of the Commission's proposal, which modified rate shall become an interim rate. The Commission shall accept or reject the modified version within 30 days. If the Commission rejects the rate, it shall issue an order indicating the reasons for the rejection.

PHOTOVOLTAIC DEMAND CREDIT RIDER
RATE CODE A85 (CLOSED)
RATE CODE A86

AVAILABILITY – GENERAL
Applicable by customer request to demand-metered commercial and industrial customers that use Solar Photovoltaic as a customer-sited generation source with a capacity greater than 40 kW (AC) with a single production meter to serve all or a portion of customer's electric energy requirements. Not available to customer-sited generation that is the subject of another incentive program such as Solar*Rewards.

AVAILABILITY – CLOSED RATE
Availability of the closed rate is limited to qualifying customer account locations that: 1) were receiving Standby Service Rider tariff service with the Photovoltaic Solar Credit on the date this Rider was originally approved by the Commission, or 2) have enrolled by submitting to the Company a complete interconnection application for a planned qualifying generation source before February 14, 2020. The closed rate will expire April 20, 2027. After expiration of the closed rate, the applicable standard rate will replace the closed rate.

The standard rate will apply to customer account locations that do not qualify for the closed rate. The standard rate may be revised at any time subject to approval by the Commission.

RATE R

Customer Charge per Month	$25.98
Credit per kWh of Peak Period Solar Photovoltaic Generation (A85 - Closed)	$0.071390
Credit per kWh of Peak Period Solar Photovoltaic Generation (A86 - Standard)	$0.069648

CREDIT KWH LIMIT
The maximum kWh applied to the Rider credit per kWh each billing period is the Peak Period maximum 15-minute Solar Photovoltaic kW output for the billing period times 100 hours for billing periods ending in the months of June, July, August or September and 75 hours for billing periods ending in other months.

CREDIT LIMIT
The maximum credit for each billing period is the applicable standard or on-peak billed demand charge from the base tariff associated with this Rider. For Peak-Controlled Service and Peak-Controlled Time of Day Service customers, the maximum credit for each billing period is the billed demand charge for Firm Demand.

DEFINITION OF PEAK PERIOD
Peak period hours are the six hours between 1:00 p.m. and 7 p.m. for all days.

TERMS AND CONDITIONS OF SERVICE
1. Customer will execute an Electric Service Agreement with the Company that will specify:
   a) The base tariff associated with this Rider, and
   b) The installed capacity (AC) of customer's Solar Photovoltaic generation.
2. Company will install, own, and maintain the metering to measure the electric power and energy supplied by customer generation to allow for proper billing of the customer under this Rider. If, as a result of the customer's construction and installation of their generating facility, it is more practical for the customer to install some or all of the metering equipment required, the customer may be permitted to do so, subject to Company's approval of such equipment.
3. Company reserves the right to limit availability of this Rider to customer situations where the Solar Photovoltaic generation used by customer does not significantly affect the monthly peak demand of customer.
4. For Solar Photovoltaic generation, this Rider supersedes other Standby Service tariff provisions.

AVAILABILITY
Availability is restricted to customers who are taking service on the Tier 1 option of Peak Controlled Service or Peak Controlled Time of Day Service. Customers choosing service under this rider shall agree to allow the Company to interrupt customer's load to a predetermined level within 10 minutes notice of a control period. Availability is restricted to customers with a minimum certified controllable load of 3,000 kW. Participation is limited to 100,000 kW of controllable demand, which may be exceeded if part of a customer's controllable load is within the participation limit, subject to Company approval.

CONTRACT
Customers must contract for this service rider through an Electric Service Agreement with Company. Contract period will normally be for 24 months.

RATE
The rates and provisions of Tier 1 of the applicable Peak Controlled Service schedule shall apply with the customer's Controllable Demand billed at the Short Notice Controllable Demand charge.

TERMS AND CONDITIONS OF SERVICE

1. Within 10-minutes of notification from the Company, customer's controllable load shall be curtailed by Company-initiated automatic control for the duration of the control period as determined by the Company.

2. Customers taking service under this rider will be required to certify their interruptible load as described below under Certification of Interruptible Load. Customer will cooperate fully with and assist in the required certification process. Failure of customer to assist in the certification process and/or failure to obtain certification of the Controllable Demand level will result in the customer being ineligible for this tariff.

3. Certification of Interruptible Load: To be eligible, the customer's interruptible load must complete an annual control test, prior to the beginning of the Company's summer peak load season. The control test must:
   - Demonstrate that the load is controlled by the Company from its control center;
   - That the load is curtailed within ten minutes of a Company declared control period.
   - The controlled load must remain off for at least four (4) hours in the first year of application and at least one (1) hour in subsequent years.
   - The timing of the control test will be coordinated with the customer but must be conducted at a time when the customer's load is at or near the level expected during actual control periods.

APPLICABILITY
Applicable to bills for electric service provided under the Company's retail rate schedules in a City ordering the installation of non-standard underground Distribution Facilities. The Excess Expenditure costs for these Special Facilities are to be collected from customers located within such City in accordance with the provisions in the General Rules and Regulations, Section 5.3, SPECIAL FACILITIES.

The Company will provide notice to the affected City of any miscellaneous rate filing by Company under Minn. Stat. §216.B16, Subd. 1 to establish a Special Facilities surcharge applicable to customers in such City.

RATE
In each applicable City, there shall be included in the monthly minimum billing on each customer's bill a separately itemized surcharge line item determined in accordance with this Rider entitled "City Req Fac Srchg". The City Requested Special Facilities Surcharge shall not be subject to current month billing adjustments or City surcharges and shall be subject to any applicable sales taxes.

DETERMINATION OF CITY REQUESTED FACILITIES SURCHARGE
The City Requested Special Facilities Surcharge for each applicable City project shall be calculated by determining a Class Facilities Surcharge to be applied to the Average Monthly Customers in the designated City such that the total Excess Expenditure plus carrying charges in the City Project Tracker Account are recovered over the designated Recovery Period.

Average Monthly Customers shall be the projected average number of active customers in each applicable customer classification located in the City for the designated Recovery Period.

Class Facilities Surcharge shall be the surcharge amount for each applicable customer classification determined in accordance with the Rules for Application.

City Project Tracker Account is a regulatory asset account representing the sum of the following:

(1) The total Excess Expenditures for each Distribution Facilities undergrounding project in such City,

(2) Monthly carrying charges on the under recovered or over recovered monthly balance in the City Project Tracker Account based on the overall rate of return from the Company's most recent electric general rate case decision,

(3) Less the recovered project costs collected to date through the applicable City's Facilities Surcharge.

Recovery Period is the number of months the City Requested Special Facilities Surcharge shall be applied to bills for a designated City project determined in accordance with the Rules for Application.

Excess Expenditures shall be determined in accordance with the provisions in the General Rules and Regulations, Section 5.3.

(Continued on Sheet No. 5-132)

RULES FOR APPLICATION

1. The Recovery Period shall not commence until the City Requested Facilities Surcharge to be applied to bills is at least $0.25 per customer per month. A surcharge of $0.25 up to and including $1.00 per customer regardless of customer class may be applied for a Recovery Period of exactly one month (e.g., a one-time surcharge).

2. For a Recovery Period greater than one month, the Class Facilities Surcharge per month per customer in each non-residential customer class for any month in which a Residential Class Facilities Surcharge is applicable shall be as follows:

   a. Commercial & Industrial (C&I), Street Lighting and Municipal – Non-Demand Billed: Equal to the Residential Class Facilities Surcharge.

   b. Small C&I and Small Municipal – Demand Billed: Three times the Residential Class Facilities Surcharge.

   c. Large C&I – Demand Billed (actual demand greater than 100 kW): Four times the Residential Class Facilities Surcharge.

   However, whenever the Non-residential Class Facilities Surcharges to be billed exceed the Customer Charge applicable on a customer account, the Class Facilities Surcharge for that account shall be equal to such Customer Charge.

3. A Residential Class Facilities Surcharge of $0.25 up to and including $1.00 per Residential customer per month will be applied each month whenever the City Project Tracker Account balance to be collected allows for a Recovery Period of 36 months or less.

4. A Residential Class Facilities Surcharge of over $1.00, up to and including $5.00, per Residential customer per month will be applied each month for a Recovery Period of 36 months whenever the City Project Tracker Account balance is uncollectable at a Residential Class Facilities Surcharge level of $1.00 or less, provided that the surcharge amount for any Residential class customer account receiving a Low Income Energy Discount shall not exceed $1.00 per month.

5. A Residential Class Facilities Surcharge of $5.00 per Residential customer per month for a Recovery Period of 36 months up to and including 60 months will be applied only when necessary to recover the City Project Tracker Account balance, provided a surcharge of $5.00 may be collected pending Commission action on a Company petition or City complaint to modify the design of the rate surcharge for a specific project which cannot be recovered in 60 months.

(Continued on Sheet No. 5-133)

RULES FOR APPLICATION (Continued)

6. The Class Facilities Surcharges may be adjusted annually and in the last 6 months of the Recovery Period to more closely recover the balance remaining in the City Project Tracker Account.

7. Subject to the limits on monthly surcharge amounts set forth above, the Class Facilities Surcharges may also be increased at any time and the Recovery Period may be updated, with notice as provided in Section 5.3 of the General Rules and Regulations, in order to recover Excess Expenditures associated with additional Distribution Facilities undergrounding projects requested or ordered by City.

AVAILABILITY
Available to any customer who elects to apply an adjustment to the customer's electric energy usage to contribute to the development of renewable and high-efficiency energy resources as defined by Minn. Stat. §216B.169.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RIDER
A Voluntary Renewable Adjustment ("Adjustment") may be elected in blocks of 100 kWh or for the customer's entire monthly usage or for a single event. Each month the Adjustment will add **$3.53** per 100 kWh block of renewable usage and will be prorated on a kWh basis based on the customer's actual metered energy usage for the billing period not to exceed their subscription level. The Adjustment shall be applied to the customer's bill under the standard retail tariff each billing month according to the number of energy block(s) or total amount purchased. The Adjustment is not subject to the Fuel Clause Rider but is subject to any other applicable adjustments and surcharges, including city surcharge or sales tax. The Voluntary Renewable Adjustment will appear on the bill as "Windsource Program." Amounts collected pursuant to the Adjustment will be expended on a program, filed with the Commission, to develop renewable and high efficiency energy resources.

DETERMINATION OF VOLUNTARY RENEWABLE ADJUSTMENT
The Voluntary Renewable Adjustment shall be calculated by dividing the recoverable program expenses and annual tracker balance by the forecasted renewable energy for a designated recovery period. The recoverable program expenses include renewable energy purchases, marketing, other costs and true up of tracker balance for this program. The Adjustment may be revised annually with approval of the Minnesota Public Utilities Commission.

FORECASTED RENEWABLE ENERGY
Forecasted renewable energy sales shall be the estimated total Windsource MWh sales for the designated annual tracker recovery period.

TRACKER ACCOUNT
Due to the variability of renewable resources, the Windsource program may have an excess or shortage of supply in any given hour but will approximately balance out during the year. The Company will maintain accounting of the monthly balance of total revenues collected under the Adjustment and the expenses associated with offering this Adjustment, including the renewable energy purchases, marketing and other costs for this program. The Company may petition the Commission annually to true up the tracker balance in its November 1st report.

(Continued on Sheet No. 134.1)

TERMS AND CONDITIONS OF SERVICE

1. A customer may elect to subscribe either by purchasing a specified number of 100 kWh blocks or the customer's entire usage. The minimum subscription to be billed each month is one 100 kWh block. In the event a customer's metered energy usage results in the partial consumption of a 100 kWh block, the charge on that block will be prorated accordingly.

2. The minimum subscription periods are one year for residential customers and three years for non-residential customers. After the minimum period, a customer may continue to subscribe on a month to month basis and may terminate the customer's subscription with a 30-day notice.

3. The Company will submit reports to the Commission each May 1 and November 1, or as otherwise ordered in relation to the tracker accounting.

4. For customers on time of day tariffs, their Windsource usage and any excess, non-Windsource usage shall both be assigned to the on-peak and off-peak periods in proportion to the customer's total billing period on-peak and off-peak usage.

5. Xcel Energy may in its discretion allow a non-Windsource customer a limited subscription to Windsource to apply the Adjustment to the energy used by a single event or series of events without making a long-term purchase commitment.

6. The discounts under Residential Controlled Air Conditioning and Water Heating Rider and Commercial and Industrial Controlled Air Conditioning Riders are not applicable to the charges under this Rider.

7. This Rider is provided to satisfy the conditions of Minn. Stat. §216B.169, subd.2 related to renewable and high-efficiency energy rate options. The sales arrangements of renewable energy from the Windsource program supplies are such that the power supply is sold only once to retail customers.

WAPA BILL CREDITING PROGRAM RIDER

AVAILABILITY
This rider is available on a voluntary basis and is limited to customers who are eligible for the Western Area Power Administration ("Western" or "WAPA") Bill Crediting Program.

TERM OF SERVICE
Service under this rider shall be for a period not less than 90 days.

PRICING METHODOLOGY
The WAPA Bill Credit shall be calculated as specified in the Commission approved Bill Crediting Agreement between the customer and the Company.

BILL DETERMINATION
The WAPA Bill Credit will be applied to the customer's standard monthly bill rendered after each monthly billing period.

SPECIAL PROVISIONS

1. Eligibility for the Program, and thus this Rider, is determined by the customer and Western, and not by Xcel Energy.

2. If there is a change in the legal identity of the customer receiving service under this Rider, credit under this Rider shall be terminated unless Xcel Energy, Western and the customer determine otherwise.

3. Changes are subject to the Agreement for Bill Crediting arrangements between Xcel Energy, Western and the customer, a copy of which is contained in Section 7 of this Electric Rate Book.

RULES AND REGULATIONS
Service under this Rider is subject to orders of the Minnesota Public Utilities Commission and to the General Rules and Regulations section of this Electric Rate Book.

MERCURY COST RECOVERY RIDER

APPLICATION
Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER
There shall be included on each customer's monthly bill a Mercury Cost Recovery (MCR) Rider adjustment which will be the MCR Adjustment Factor multiplied by the customer's monthly billing kWh for electric service. This MCR adjustment shall be calculated before city charges and sales tax.

DETERMINATION OF MERCURY COST RECOVERY FACTOR
The MCR Adjustment Factor shall be the average retail cost per kWh. The average retail cost per kWh shall be determined by the forecasted balance of the MCR Tracker Account plus the Mercury Costs divided by the forecast retail sales for the designated period. The MCR Adjustment Factor shall be rounded to the nearest $0.000001 per kWh.

The MCR Adjustment Factor may be adjusted with the approval of the Minnesota Public Utilities Commission (Commission). The MCR Adjustment Factor for each rate schedule is:

All Classes	$0.000000 per kWh

MERCURY COSTS
Recoverable mercury costs shall be the revenue requirements for the designated period including operation and maintenance (O&M) expenses associated with projects eligible for recovery under Minnesota Statute Sections 216B.68 to 216B.688 that are determined by the Commission to be eligible for recovery under this Mercury Cost Recovery Rider. A standard model will be used to calculate the total forecasted revenue requirements for eligible projects for the designated period that is determined by the Commission to be eligible for recovery under this MCR Rider.

FORECASTED RETAIL SALES
Forecasted Retail Sales shall be the estimated total retail electric sales for the designated recovery period.

MCR TRACKER ACCOUNT
For each designated true-up period, a true-up adjustment to the MCR Tracker Account will be calculated reflecting the difference between the MCR Adjustment recoveries and the actual expenditures for such period. The true-up adjustment shall be included in calculating the MCR Adjustment Factor effective with the start of the next designated recovery period.

The MCR Adjustment Factor includes a true-up of actuals as available for the previous recovery period and forecast information for the remainder of the recovery period. The Final true-up adjustment for a previous recovery period will be determined by October 1 of the following year, at which time the Company will record a Final adjustment to the MCR Tracker Account. All costs appropriately charged to the MCR Tracker Account shall be eligible for recovery through this rider.

(Continued on Sheet No. 5-136.1)

PROVISION OF FORECAST DATA

To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on October 1st a 24-month forecast of the MCR Adjustment Factor applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

APPLICATION
Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER
There shall be included on each customer's monthly bill an Environmental Improvement Rider (EIR) adjustment. For all but demand-billed customers, the adjustment shall be the Full EIR Energy Adjustment Factor multiplied by the customer's monthly billing kWh for electric service. For demand-billed customers, the adjustment shall be the Reduced EIR Energy Adjustment Factor multiplied by the customer's monthly billing kWh for electric service, plus the EIR Demand Adjustment Factor multiplied by the customer's monthly kW billing demand. These EIR adjustments shall be calculated before city surcharge and sales tax.

DETERMINATION OF EIR ADJUSTMENT FACTORS
The Full EIR Energy Adjustment Factor shall be the quotient obtained by dividing the forecasted balance of the EIR Tracker Account by the forecasted retail sales for the calendar year. The Reduced EIR Energy Adjustment Factor shall be the Full EIR Energy Adjustment Factor multiplied by 50%. The EIR Demand Adjustment Factor shall be the difference between the Full and Reduced factors, multiplied by the class load factor of 53.27% and multiplied by 730 hours in an average month. All factors shall be rounded to the nearest $0.000001 per kWh. The EIR Adjustment Factors may be adjusted annually with approval of the Minnesota Public Utilities Commission (Commission). The EIR Adjustment Factors shall apply to bills rendered on and after January 1st of the year.

The EIR Adjustment Factor for each customer group may be adjusted annually. Each EIR Adjustment Factor shall apply to bills rendered on and after January 1 of the year. The EIR factor for each rate schedule is:

Non-Demand Customers	$0.000000 per kWh
Demand Customers	$0.000000 per kWh and $0.00 per kW

Recoverable EIR Costs shall be the annual revenue requirements associated with emissions reduction projects (a) not recovered through base rates, (b) recorded in the EIR Tracker Account for the designated period, and (c) determined by the Commission to be eligible for recovery under this Rider pursuant to the terms of the Settlement Agreement approved by the Commission on March 8, 2004. A standard model will be used to calculate the total forecasted revenue requirements for eligible projects for the designated period. All costs appropriately charged to the EIR Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered from the EIR Adjustment shall be credited to the EIR Tracker Account.

Forecasted retail sales shall be the estimated retail electric sales for the designated recovery period.

(Continued on Sheet No. 5-138)

TRUE-UP

For each 12-month period ending December 31, a true-up adjustment to the EIR Tracker Account will be calculated reflecting the difference between the EIR Adjustment recoveries and the revenue requirements for such period. The true-up adjustment shall be calculated and recorded by no later than May 1 of the following calendar year and will be included in calculating the EIR Adjustment Factor for each customer group effective with the start of the next designated recovery period. No carrying cost shall be applied.

PROVISION OF FORECAST DATA

To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on October 1st a 24-month forecast of the EIR Adjustment Factors applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

AVAILABILITY
Available to new or existing demand-metered commercial and industrial customers with significant new Qualified Billing Demand. Service under the Rider is limited to customers whose application for service under the Rider is approved by the Company. Also available on a temporary and limited basis to existing demand-metered commercial and industrial customers with substantial load reductions directly associated with the COVID-19 coronavirus pandemic according to the provisions of the pandemic section of this rate schedule.

RATE
Demand Charge T
The rates and provisions of the customer's regular demand-metered rate schedule shall apply except monthly demand charges for customer's Qualified Billing Demand, before the application of voltage discounts, shall be reduced as follows:

Years:	1 - 3	4	5	6
Percent Reduction:	40%	20%	10%	0%

Off-Peak Energy Charge N
New customers with a Qualified Billed Demand of 5,000 kW or greater and corresponding monthly load factor of N
70 percent or greater shall have a reduced Off Peak Period Energy Charge per kWh from customer's regular N
demand-metered rate schedule. The reduction, before the application of voltage discounts, shall be 50 percent N
for years 1 – 5. N

QUALIFIED BILLING DEMAND AND OFF-PEAK PERIOD ENERGY T
The portion of the customer's billing demand that qualifies for reduced demand charges. Qualified billing demand includes billing demands for standard demand, on-peak period demand, firm demand and controllable demand. Qualified billing demand does not include billing demands for off-peak period demand, distribution demand, transmission and distribution demand, contracted standby demand or contracted supplemental demand.

New Customers. This Rider is available for new load that is associated with initial permanent service. For new Customers, the Qualified Billing Demand under this Rider must be a minimum of 350 kW at any single delivery point. A customer may receive the rate at multiple delivery points so long as each delivery point independently qualifies. The demand charge reduction shall not apply during any month in which the Qualified Billing Demand is below 350 kW; provided, however, the demand charge reduction shall apply during any month in which the Qualified Billing Demand is below 350 kW as a consequence of new conservation or load control by the customer. The off-peak N
period energy charge reduction shall not apply during any month in which the Qualified Billing Demand is below 5000 N
kW or the corresponding monthly load factor based on total Qualified Billing Demand and total monthly kWh usage N
is less than 70 percent. N

Existing Customers. For existing customers, Qualified Billing Demand is the new load of 350 kW or greater at any single delivery point incremental to that existing prior to approval for service under this Rider. A customer may receive the rate at multiple delivery points so long as each delivery point independently qualifies. The demand charge reduction shall not apply during any month in which the Qualified Billing Demand is below 350 kW; provided, however, the demand charge reduction shall apply during any month in which the Qualified Billing Demand is below 350 kW as a consequence of new conservation or load control by the customer.

(Continued on Sheet No. 5-140)

NEW CUSTOMERS N

To be considered a new customer for the purpose of this Rider, an applicant must demonstrate one of the following:

1. That business has not been conducted at the premises for at least three monthly billing periods prior to application,
2. That the predecessor customer is in bankruptcy and the applicant has obtained the business in a liquidation of assets sale; or
3. Customer's activities are largely or entirely different in nature from that of the previous customer. N

EXISTING CUSTOMERS

Existing customers who materially increase their use of electric service may qualify for service under this Rider, provided (1) such material increase is the result of the addition of equipment, or expansion of the customer's facility or operations and (2) the delivery point is not currently receiving service under this Rider. The customer shall notify the Company in writing and document the basis for the material increase in its use of electric service. Following such notification, the Company will review the customer's monthly billing demands. If the billing demands for each of the next three consecutive months exceed that from the comparable monthly period of the preceding year by at least 350 kW at one delivery point, the customer will be eligible thereafter to receive service under this Rider. If a customer's activities are very similar to the customer's previous activities, then the customer is considered to be an existing customer whether or not the owner(s) operator(s), or manager(s) are substantially different.

APPLICATION

As a condition of qualifying for a discount, Customer must make an application on a Commission approved form demonstrating that it meets the Qualified Billing Demand requirement. Information related to the Qualified Billing Demand and Investment is trade secret information under the Minnesota Government Data Practices Act ("Act").

RIGHT TO REFUSE SERVICE

The Company reserves the right to refuse applicants for service under this Rider. When the Company determines that significant additional capital expenditures will be required to provide service to that applicant, an applicant may be able to qualify for service by making a non-refundable contribution to compensate for the significant additional capital costs incurred by the Company to supply service to the applicant.

ENERGY EFFICIENCY

For service taken on this Rider, the Company will conduct an energy audit and inform the customer of the conservation programs available from the Company. Customer will be responsible for some portion of the cost of the energy audit. Customer must also participate in the Company's Energy Assistance Design program or other energy efficiency program.

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(Continued on Sheet No. 5-141)

ELECTRIC SERVICE AGREEMENT L

Any customer taking service under this Rider shall execute an Electric Service Agreement, or amend their existing Electric Service Agreement, with the Company for a period of six years beginning on the effective date on which the customer commences taking service under this Rider. Such Electric Service Agreements (new or amended) shall state the increased or new load level of the customer as well as the customer's obligation to continue to purchase all of their electric power and electric energy from the Company during the term of the agreement. The effective date of service under this rider will be set forth in the Electric Service Agreement but not before three months of qualified billing demand has occurred after the application. The Electric Service Agreement entered into pursuant to this Agreement and provision of the discount is not subject to Commission Approval. L

REPORTING REQUIREMENT

No later than 30 days after the Company signs a new ESA with a customer to be served under the BIS Rider, the Company must file with the Commission a report showing the incremental revenues and the incremental costs associated with the new ESA. If no party objects to the ESA within 30 days of the filing date, the ESA is deemed to be approved. One year from the effective date of this tariff, and annually thereafter, the Company shall file a report with the Commission identifying the number of customers receiving service under this Rider and the associated incremental additional revenues received by the Company and the incremental additional costs experienced by the Company.

REVENUE RECOVERY

The Company, within a general rate case, is allowed to seek recovery of the difference between the applicable commercial and industrial tariff and this Rider times the usage level during the test year period.

PANDEMIC AFFECTED CUSTOMER SECTION OF BUSINESS INCENTIVE AND SUSTAINABILITY RIDER

AVAILABILITY

Available to existing demand-metered commercial and industrial customers with pre-pandemic average monthly peak load between 100 kW and 2000 kW as measured during the 12 months ending February 2020, which is substantially reduced as a direct result of the COVID-19 coronavirus pandemic. Participation in the Pandemic Affected Customer Section of this Rider is subject to Company approval and is limited to a pre-pandemic total load level of 200 MW.

RATE

The rates and provisions of the customer's regular demand-metered rate schedule shall apply except a 25 percent credit shall be applied to the total monthly base rate charges excluding customer charges, after the application of voltage discounts, for the period ending March 31, 2021. L

(Continued on Sheet No. 5-141.1)

QUALIFICATION REQUIREMENTS L
Existing customers must have experienced a material and minimum 25 percent peak load reduction in direct response to government mandated requirements associated with the COVID-19 pandemic. The customer shall notify the Company in writing and document the COVID-19 basis for the electric load reduction and the associated kW load reduction. Following such notification, the Company will review the customer's monthly billing demands to confirm a material and qualifying peak load reduction. If approved by the Company, Rider credits will be applied to the customer's bill from the beginning of the billing period during which the customer for this section of the Rider is approved until March 31, 2021. The Company may discontinue the Rider credits if customer peak loads return to levels prior to the COVID-19 pandemic.

APPLICATION
As a condition of qualifying for the Rider credit, Customer must provide an application to the Company demonstrating that the COVID-19 pandemic has materially impacted its business and is responsible for a qualifying load reduction. Information tying the Customer's identification to its qualified billing demand and COVID-19 impacts to business and energy usage is trade secret information under the Minnesota Government Data Practices Act ("Act"). L

ENERGY EFFICIENCY
For service taken under the Pandemic Affected Customer Section of this Rider, the Customer must have participated, or agree to participate, in at least one of the Company's energy efficiency programs.

REPORTING REQUIREMENT
Monthly during the availability of the Pandemic Affected Customer section of the Rider, the Company will file with the Commission a listing of Customers deemed eligible and participating in this section of the Rider. In its annual filing on the BIS Rider, the Company shall file a report with the Commission identifying the number of customers receiving service under this section of the Rider and the total amount of the discount.

REVENUE RECOVERY
The Company, within a general rate case, is allowed to seek recovery of the customer credits provided through the pandemic section of this Rider.

STATE ENERGY POLICY RATE RIDER

APPLICATION
Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER
There shall be included on each customer's monthly bill a State Energy Policy Rate Rider which shall be the applicable State Energy Policy Rate Rider factor multiplied by the customer's monthly kWh electric consumption.

DETERMINATION OF STATE ENERGY POLICY RATE FACTOR
The applicable State Energy Policy Rate Rider shall be the quotient obtained by dividing the annual State Energy Policy Tracker amount by the annual forecasted kWh sales. The factor may be adjusted annually with approval of the Minnesota Public Utilities Commission.

Residential	$0.000000 per kWh
Commercial	$0.000000 per kWh

Recoverable State Energy Policy Rate Expense
All costs appropriately charged to the State Energy Policy Tracker account shall be eligible for recovery through this Rider, and all revenues received from the State Energy Policy adjustment portion of the Resource Adjustment shall be credited to the State Energy Policy Tracker account.

PROVISION OF FORECAST DATA
To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on March 1st a 24-month forecast of the State Energy Policy Rate Factor applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

RENEWABLE DEVELOPMENT FUND RIDER

APPLICATION
Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER
There shall be included on each customer's monthly bill a Renewable Development Fund charge that shall be the applicable Renewable Development Fund factor multiplied by the customer's monthly kWh electric consumption.

DETERMINATION OF RENEWABLE DEVELOPMENT FUND FACTOR
The applicable Renewable Development Fund factor shall be the quotient obtained by dividing the annual Renewable Development Fund Tracker amount by the annual forecasted kWh sales. The factor may be adjusted annually with approval of the Minnesota Public Utilities Commission.

Residential	$0.001252 per kWh	R
Commercial	$0.001252 per kWh	R

Recoverable Renewable Development Fund Expense
All costs appropriately charged to the Renewable Development Fund Tracker account shall be eligible for recovery through this Rider, and all revenues received from the Renewable Development Fund portion of the Resource Adjustment shall be credited to the Renewable Development Fund Tracker account.

PROVISION OF FORECAST DATA
To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on October 1st a 24-month forecast of the Renewable Development Fund Factor applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

EXEMPTION
For customer premises recognized by the Company as not being subject to any of the costs of satisfying the solar energy standard under Minn. Stat. § 216B.1691, subd. 2f ("SES Costs"), the SES Costs reflected in the Renewable Development Fund charge assessed to the accounts associated with these premises may be credited to these accounts, and the dollar amount of these credits shall be added as part of the annual Renewable Development Fund Tracker applicable to the time period when the credit is issued.

TRANSMISSION COST RECOVERY RIDER

APPLICATION
Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER
There shall be included on each customer's monthly bill a Transmission Cost Recovery (TCR) adjustment, which shall be the TCR Adjustment Factor multiplied by the customer's monthly billing energy or demand for electric service as described below. This TCR Adjustment shall be calculated before city surcharge and sales tax.

DETERMINATION OF TCR ADJUSTMENT FACTORS
A separate TCR Adjustment Factor shall be calculated for the following three customer groups: (1) Residential, (2) Commercial Non-Demand, and (3) Demand Billed. The TCR Adjustment Factor for each group shall be the value obtained by multiplying each group's weighting factor by the average retail cost per kWh. The average retail cost per kWh shall be determined by the forecasted balance of the TCR Tracker Account, divided by the forecasted retail sales for the calendar year. The Demand Billed customers' TCR Adjustment Factor is calculated similarly, but the resulting per kWh charge is converted to a per kW charge for application to billed kW rather than billed kWh. TCR Adjustment Factors shall be rounded to the nearest $0.000001 per kWh or $0.001 per kW.

The TCR Adjustment Factor for each customer group may be adjusted annually with approval of the Minnesota Public Utilities Commission (Commission). Each TCR Adjustment Factor shall apply to bills rendered subsequent to approval by the Commission. The TCR factor for each rate schedule is:

Residential	$0.003607 per kWh	R
Commercial (Non-Demand)	$0.003185 per kWh	R
Demand Billed	$0.982 per kW	R

Recoverable Transmission and Distribution Costs shall be the annual revenue requirements for transmission and distribution costs associated with transmission projects and distribution planning and facilities eligible for recovery under Minnesota Statute Sections 216B.1645 or 216B.16, subd. 7b that are determined by the Commission to be eligible for recovery under this Transmission Cost Recovery Rider. A standard model will be used to calculate the total forecasted revenue requirements for eligible projects for the designated period. All costs appropriately charged to the Transmission Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered from the TCR Adjustment shall be credited to the Transmission Tracker Account.

Forecasted retail kWh sales and kW demands shall be those for the designated recovery period.

(Continued on Sheet No. 5-145)

TRUE-UP

For each 12-month period ending December 31, a true-up adjustment to the Tracker Account will be calculated reflecting the difference between the TCR Adjustment recoveries and the revenue requirements for such period. The total retail true-up adjustment shall be calculated and recorded by no later than May 1 of the following calendar year and will be included in average retail cost used to calculate the TCR Adjustment Factor for each customer group effective with the start of the next designated recovery period.

For example, the Year 1 revenue requirements versus TCR Adjustment recoveries would be determined by May 1 of Year 2, at which time the Company would record an adjustment to the Tracker Account. The difference between the Year 1 revenue requirements and Year 1 TCR Adjustment recoveries would be included in the calculation of the TCR Adjustment factors filed on September 1 of Year 2 to be effective January 1 of Year 3.

PROVISION OF FORECAST DATA

To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on September 1st a 24-month forecast of the TCR Adjustment Factor applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

APPLICATION
Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER
There shall be included on each customer's monthly bill a Renewable Energy Standard (RES) adjustment which will be the RES Adjustment Factor applied to:

1. Customer, Energy, Demand and Minimum Charges
2. Energy Charge Credits
3. Limited Energy Surcharges
4. Controllable Demand Credits
5. Voltage Discounts
6. Lighting Rates per Luminaire and Lighting Rates per Unit
7. Siren Service Rate per Horsepower
8. Residential Controlled Air Conditioning and Water Heating Discounts (Energy and Fuel Cost Charges)
9. Commercial and Industrial Controlled Air Conditioning Credits
10. Standby Service Rider
11. Supplemental Service Rider
12. Tier 1 Energy Controlled Service Rider
13. Tier 1 Peak Controlled Short Notice Rider
14. Area Development Rider
15. Fixed Charges for Low Wattage Unmetered Devices

The RES Adjustment Factor <u>does not apply</u> to:

1. Fuel Clause Rider
2. Conservation Improvement Program Rider
3. Off Season Load Rider
4. Revenue Decoupling Mechanism Rider
5. Competitive Response Rider
6. City Requested Facilities Surcharge Rider
7. Windsource Program Rider
8. WAPA Bill Credit Program Rider
9. Mercury Cost Recovery Rider
10. Environmental Improvement Rider
11. Business Incentive and Sustainability Rider
12. State Energy Policy Rate Rider
13. Renewable Development Fund Rider
14. Transmission Cost Recovery Rider
15. Renewable Energy Standard Rider
16. Net Energy Billing Service
17. Late Payment Charge
18. Any currently applicable Interim Rate Surcharge Rider
19. Low Income Program Surcharge
20. Low Income Discounts

This RES adjustment shall be calculated before city surcharge and sales tax.

(Continued on Sheet No. 5-147)

DETERMINATION OF RES ADJUSTMENT FACTOR

The Renewable Energy Standard ("RES") Adjustment Factor shall be the RES annual forecasted revenue requirement as a percentage of "base" revenues. The RES annual forecasted revenue requirement shall be the sum of the Renewable Energy Standard Costs for the forecast period and any residual Tracker balance in the RES Tracker Account.

The RES Adjustment Factor may be adjusted with the approval of the Minnesota Public Utilities Commission (Commission). The RES Factor is:

All Classes	0.450%	R

RENEWABLE ENERGY STANDARD COSTS

The RES Costs shall be the annual revenue requirements including operation and maintenance (O&M) expenses for Company owned Renewable Energy Project costs and capacity related renewable energy purchased power costs not recoverable through the FCR, that are eligible for recovery under Minnesota Statute Section 216B.1645. A standard model will be used to calculate the total forecasted revenue requirements for each annual period that is determined by the Commission to be eligible for recovery under this Renewable Energy Standard Rider.

RES TRACKER ACCOUNT

For each annual true-up period, a true-up adjustment to the RES Tracker Account (residual Tracker balance) will be calculated reflecting the difference between the RES Adjustment recoveries and the actual expenditures for such period. The true-up adjustment shall be included in calculating the RES Adjustment Factor effective with the start of the next annual recovery period.

The RES Adjustment Factor includes a true-up of actuals as available for the previous recovery period and forecast information for the remainder of the recovery period. The Final true-up adjustment for a previous recovery period will be determined by September 1 of the following year, at which time the Company will record a Final adjustment to the RES Tracker Account.

All costs appropriately charged to the RES Tracker Account shall be eligible for recovery through this rider.

PROVISION OF FORECAST DATA

To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on September 1st a 24-month forecast of the RES Adjustment Factor applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

AVAILABILITY N

The Voluntary Renewable*Connect™ ("R*C") Pilot program will be available, subject to capacity made available within the program, to any customer who elects to participate in the program that would otherwise receive service under a rate schedule that is subject to the adjustments provided for in the Fuel Clause Rider.

DEFINITIONS

The following definitions apply:

"Applicable Retail Electric Usage" means the measured retail electric usage of the Customer on the account(s) during the monthly billing cycle for the Customer's premises identified in the Service Agreement as being associated with the Customer's subscription to the R*C Service.

"R*C Adjustment" means the product resulting from the multiplication of the R*C Price by the Subscription Level.

"R*C Price" means the price as shown in the Rate section below.

"R*C Resources" for this pilot program means portions of renewable sources applicable to the R*C Service.

"R*C Service" means the service offered under this Voluntary Renewable*Connect Pilot Program Rider.

"Service Agreement" means the tariffed service agreement associated with the R*C Service which the Customer signs.

"Subscription Level" means the Customer's allocated share set forth in the Service Agreement, in kWh, of the energy from the R*C Resources. The Subscription Level is a blend of renewable resources.

RIDER

Customer may elect to receive R*C Service. The following types of R*C Service are available ("R*C Service Type") in the following billing methods ("R*C Billing Method"):

R*C Service Types	R*C Billing Methods
Month-to-Month	100 kWh Blocks
5 Years	Entire Monthly Usage
10 Years	Single Event Usage
Single Event	

Each billing month the R*C Price associated with the R*C Service Type chosen by the Customer will be applied to the Subscription Level chosen by the Customer, the product of the R*C Price and Subscription Level being the R*C Adjustment. Customers receiving R*C Service shall not be subject to the Minnesota Electric Fuel Clause Rider for the portion of its Applicable Retail Electric Usage that is less than or equal to the Customer's Subscription Level. All usage shall be subject to any other applicable adjustments and surcharges, including city surcharge or sales tax. The cost to the Customer for participating in the R*C Service will appear on the Customer's retail electric bill.

DETERMINATION OF R*C PRICE

The R*C Price shall be calculated as follows: for the month-to-month and single event R*C Service Type, pricing will be based on the partially levelized delivered cost of the R*C Resources, adjusted for capacity credits and neutrality charges, plus recoverable program expenses. For the 5-year and 10-year R*C Service Types, pricing shall be based on the actual delivered cost of the R*C Resources, adjusted for capacity credits and neutrality charges, plus recoverable program expenses. Recoverable program expenses include renewable energy purchases, marketing, and other costs approved by the Minnesota Public Utilities Commission ("Commission"). The R*C Price for the month-to-month R*C Service Type may be revised annually with approval of the Commission. N

(Continued on Sheet No. 5-150)

RATE
The R*C Price for the pilot phase R*C Resources of each R*C Service Type shall be as follows based on year of production, unless otherwise provided for in this tariff:

Month-To-Month R*C or Single Event R*C Service Type	
Year number	$/kWh
3 (2019)	$0.03599
4 (2020)	$0.03623

5-Year and 10-Year R*C Service Type

Year	5-Year Contract ($/kWh)	10-Year Contract ($/kWh)
2017	$0.03243	$0.03193
2018	$0.03280	$0.03230
2019	$0.03317	$0.03267
2020	$0.03330	$0.03280
2021	$0.03345	$0.03295
2022	$0.03361	$0.03349
2023	$0.03429	$0.03404
2024	$0.03497	$0.03460
2025	$0.03569	$0.03519
2026	$0.03642	$0.03580

NEUTRALITY CHARGE
The R*C Price includes a neutrality charge to mitigate the impact of the R*C Pilot program on non-participating customers. The standard neutrality charge is as follows:

Year number	$/kWh
3 (2019)	$0.00483
4 (2020)	$0.00488

Customers receiving service under the Company's Business Incentive and Sustainability Rider, Competitive Response Rider, Residential Electric Vehicle Service (Rate Code A08), Residential Electric Vehicle Pilot Service (Rate Code A80, A81), or Residential Electric Vehicle Subscription Pilot Service (Rate Code A82, A83) shall not be subject to the neutrality charge portion of the R*C Price. T N

TRACKER ACCOUNT
Due to the variability of renewable resources, the Renewable*Connect program tracker account may have an excess or shortage of supply in any given hour or month. The Company will balance Renewable*Connect program usage at the end of the program year in accordance with the expected resource blend. As a result, the program may require more or less of a share of the expected program allocation. Energy produced by the R*C Resources that is not associated with any R*C Service subscription and therefore not allocated to an R*C Customer will be sold to all customers at the delivered cost through the Fuel Clause Adjustment. The Company will maintain accounting of the monthly balance of total R*C Resources production, total program usage, total revenues collected under the program and the expenses associated with offering the R*C Service, including the renewable energy purchases, marketing and other costs for this program. The Company may petition the Commission annually to true up the marketing and administrative cost tracker balance and apply the resulting true-up factors to the Month-To-Month R*C Price.

(Continued on Sheet No. 5-151)

TERMS AND CONDITIONS OF SERVICE

1. Any Customer enrolling in this R*C Service shall execute the Service Agreement with the Company. The effective date of such service, and the Customer's Subscription Level, will be set forth in the Service Agreement. A Customer's ability to continue receiving this R*C Service terminates upon the termination of the Service Agreement.

2. A Customer may elect to subscribe by: (i) purchasing a specified number of 100 kWh blocks; (ii) the Customer's entire Applicable Retail Electric Usage; or (iii) the Customer's entire Retail Electric Usage for a special event; provided, however, that in no event shall the customer's total Subscription Level exceed 10% of the total expected average output of the available R*C Resources.

2a. Limited Exception to Subscription Level. Customers who subscribe to the first tranche of resources approved for the Renewable*Connect Pilot Program may purchase a total Subscription Level from the first tranche without limitation. N N N

3. Unless otherwise agreed to by the Company, for a Customer electing to receive the R*C Service by the 100 kWh Blocks R*C Billing Method, the Subscription Level shall be set so that when combined with other distributed generation resources serving the premises designated in the Service Agreement the subscription size does not exceed one hundred (100) percent of the previous annual (12-month) consumption of electric energy by Customer at Premises. If twelve (12) months of historical electric energy consumption data is not available for a particular Customer Premise, the Company will calculate the estimated annual electric energy consumption as follows: if there is less than twelve (12) months but four (4) months or more of consumption history, the average monthly consumption is multiplied by twelve (12) to figure the yearly consumption. In cases where there is less than four (4) months of consumption history, home usage is estimated based on the historical average energy use of homes of a similar size. Homes are assumed to have central A/C, electric appliances, and natural gas water and space heating. For commercial properties and all properties over 4,500 square feet with less than four (4) months of consumption history, the Customer must submit an energy audit (HERS Rating or similar) or load calculations for the property stating the estimated annual consumption. Load calculations must be documented and sent to the Renewable*Connect Program Manager for approval. The compliance check by the Company with this 100% rule will be performed once at the beginning of a subscription and later only if the Customer changes his or her subscription size or relocates to a new premise. In the event a customer's Applicable Retail Electric Usage in a given billing month results in the partial consumption of a 100 kWh Block, the charge on that partial block will be prorated accordingly.

4. For a Customer electing to receive its entire Applicable Retail Electric Usage pursuant to the R*C Service, Xcel Energy reserves the right to provide system energy in any given billing month for any portion of the Customer's Applicable Retail Electric Usage that exceeds its monthly average usage (calculated as the actual or estimated 12-month annual electric energy consumption described in paragraph 3, divided by 12).

(Continued on Sheet No. 5-152)

TERMS AND CONDITIONS OF SERVICE (Continued)

5. A Customer's subscription period becomes effective on the first day of Customer's billing period immediately following the Company counter-signing the Service Agreement (but not before January 1, 2017). Subscription periods are month-to-month, 5 years and 10 years, or are for a designated Special Event. Any termination by the Customer ahead of the 5 year, 10 year or Special Event term shall be provided by notice by the Customer to the Company at least 30 days prior to the Termination Date. The Termination Date is the last day of the billing month following 30 days from Company receipt of the termination notice provided by the Customer. Month-to-month subscriptions shall continue until terminated by the customer, and shall end on the last day of the billing month following 30 days from Company receipt of the termination notice provided by the Customer. A Customer that terminates a 5-Year or 10-Year R*C Service prior to the completion of that 5-Year or 10-Year term shall be subject to an Early Termination Fee. The Early Termination Fee shall be equal to the customer's actual R*C Service usage for the 12-month billing period ending on the Termination Date multiplied by a per MWh amount of $10 (R*C Early Termination Fee Rate). If the Customer does not have at least 12 billing months of R*C Service usage, the anticipated 12-month R*C Service usage will be calculated as follows:
    a. For Customers choosing the 100 kWh Blocks R*C Billing Method, the number of 100 kWh Blocks subscribed will be multiplied by twelve (12).
    b. For Customers choosing the Entire Monthly Usage R*C Billing Method, the estimated annual (12-month) usage for the Customer using the methodology described in paragraph 3.

    This anticipated 12-month R*C Service usage will then be multiplied by the R*C Early Termination Fee Rate to determine the value of the Early Termination Fee.

6. Xcel Energy may cancel this R*C Service and any Service Agreement applicable to the R*C Service on written order from the Commission based on good cause shown. Additionally, Xcel Energy may, upon reasonable notice to a Customer, cancel any Service Agreement applicable to the R*C Service to assure that the Service Agreement does not extend beyond the term of this R*C Pilot Program. The term of this R*C Pilot Program ends on December 31, 2026. N N N N

7. The Company will submit reports to the Commission each April 1, or as otherwise ordered in relation to the tracker accounting.

8. For customers on time of day tariffs, their usage met by R*C Service and any excess usage not met by R*C Service shall both be assigned to the on-peak and off-peak periods in proportion to the Customer's total billing period on-peak and off-peak usage.

9. Xcel Energy may, in its discretion, allow customers to subscribe to the R*C Program on a limited basis for the energy used by a single event or series of events without making a long-term purchase commitment.

10. The discounts under Residential Controlled Air Conditioning and Water Heating Rider and Commercial and Industrial Controlled Air Conditioning Riders are not applicable to the charges under this Rider.

(Continued on Sheet No. 5-153)

TERMS AND CONDITIONS OF SERVICE (Continued) N

11. This Rider is provided to satisfy the conditions of Minn. Stat. §216B.169, subd. 2 related to renewable and high-efficiency energy rate options. The sales arrangements of renewable energy from the Renewable*Connect program supplies are such that the power supply is sold only once to retail customers.

12. The R*C Service shall only apply to the Applicable Retail Electric Usage of a Customer in excess of other renewable or other energy self-supplied by the Customer or supplied to the Customer by a different entity.

13. Any customer taking service under this Rider shall execute a Renewable*Connect Service Agreement. The effective date of service under this Rider will be set forth in the Service Agreement.

14. All R*C Resources are located in Minnesota. The Company shall assign to Customer, or retire on Customer's behalf, all renewable energy credits (RECs) associated with the Customer's Subscription Level for which the Customer has paid to the Company the applicable R*C Price. RECs assigned to Customer or retired on the Customer's behalf will not also be claimed by the Company as its renewable energy for other purposes. N

AVAILABILITY

The Voluntary Renewable*Connect™ Government ("R*CG") Pilot Program will be available, subject to capacity made available within the program, to any political subdivision or agency customer that: (i) elects to participate in the program; (ii) would otherwise receive service under a rate schedule that is subject to the adjustments provided for in the Minnesota Electric Fuel Clause Rider; and (iii) has the equivalent of an Investment Grade Credit Rating or, if such rating is unavailable, has satisfactory creditworthiness as determined by Northern States Power Company in its reasonably exercised discretion. For purposes of this Rider, a political subdivision or agency means a regional, territorial, or local authority, such as a county or municipality (including a municipal corporation) that is created or recognized by statute or other authority to exercise sovereign powers and that has governing officers appointed by officials of a recognized political subdivision or that are publicly elected. As used in this Pilot Program, a political subdivision or agency includes the Minnesota Department of Administration and those State of Minnesota agencies it assists in administering. Investment Grade Credit Rating, for the purposes of this Rider, means a senior unsecured bond rating (unenhanced by third party support) assigned by Standard & Poors Rating Group (or its successor) of BBB- or higher and/or Moody's Investor Service Inc. (or its successor) of Baa3 or higher; provided, however, that if any senior unsecured bond rating (unenhanced by third party support) is exactly equivalent to BBB-/Baa3, the rated entity shall not be on credit watch by such rating agency, and, provided further, that if the ratings of S&P and Moody's are not equivalent, the lower rating shall apply. N

DEFINITIONS

The following definitions apply:

(i) "Applicable Retail Electric Usage" means the measured retail electric usage of the Customer on the account(s) during the monthly billing cycle for the Customer's premises identified in the Service Agreement as being associated with the Customer's subscription to the R*CG Service.

(ii) "R*CG Adjustment" means the product resulting from the multiplication of the R*CG Price by the R*CG Energy.

(iii) "R*CG Energy" means the electric power, in kWh, from the R*CG Resources associated with the Customer's Subscription Level.

(iv) "R*CG Price" means the price as shown in the Rate section below.

(v) "R*CG Resources" for this pilot program means portions of renewable sources applicable to the R*CG Service.

(vi) "R*CG Service" means the service offered under this Voluntary Renewable*Connect-Government Pilot Program Rider.

(vii) "Service Agreement" means the tariffed service agreement associated with the R*CG Service which the Customer signs.

(viii) "Subscription Level" means the Customer's allocated share set forth in the Service Agreement, in MW, of the capacity from the R*CG Resources. The Subscription Level is a blend of renewable resources. N

(Continued on Sheet No. 5-155)

RIDER

Customer may elect to receive R*CG Service. Under the R*CG Service, the Customer shall subscribe for a fixed amount of the capacity of the R*CG Resources. Each billing month, the R*CG Price will be applied to the Customer's R*CG Energy, the product being the R*CG Adjustment. N

If the Customer's Applicable Retail Electric Usage is less than the R*CG Energy in any given billing month, then:

1. The Company will bill the Customer for the Customer's Applicable Retail Electric Usage based on the R*CG Price for that billing month;
2. The kWh surplus shall be carried over and applied to a subsequent billing month for the Customer.
3. Any such surplus may be carried over up to the day before the yearly anniversary of the Customer's Subscription Term as defined in the Service Agreement. If there is a positive kWh carry-over balance at the end of that day, the Customer shall incur a charge on its retail bill for that balance in kWh multiplied by the then-current R*CG Price along with a credit for the balance in kWh multiplied by the Net Resources Cost (defined as the resource cost less the current capacity credit). The accumulated Customer surplus then will be reduced to zero.

Customer receiving R*CG Service shall only be subject to the Minnesota Electric Fuel Clause Rider for the portion of its Applicable Retail Electric Usage that is greater than the Customer's R*CG Energy plus any applicable applied kWh surplus. All usage shall be subject to any other applicable adjustments and surcharges, including city surcharge or sales tax. The cost to the Customer for participating in the R*CG Service will appear on the Customer's retail electric bill.

DETERMINATION OF R*CG PRICE

The R*CG Price is based on the actual delivered cost of the R*CG Resources adjusted for capacity credits and neutrality charges, plus recoverable program expenses. Recoverable program expenses include renewable energy purchases, marketing, and other costs approved by the Minnesota Public Utilities Commission ("Commission"). N

(Continued on Sheet No. 5-156)

RATE

The R*CG Price for the pilot phase R*CG Resources shall be as follows based on year of production, unless otherwise provided for in this tariff: N

Year	R*CG Price ($/kWh)
2017	$0.03093
2018	$0.03130
2019	$0.03167
2020	$0.03230
2021	$0.03295
2022	$0.03349
2023	$0.03404
2024	$0.03460
2025	$0.03519
2026	$0.03580
2027	$0.03617
2028	$0.03680
2029	$0.03745
2030	$0.03813
2031	$0.03881
2032	$0.03951
2033	$0.04025
2034	$0.04100
2035	$0.04176
2036	$0.04224

RENEWABLE*CONNECT GOVERNMENT RESOURCES

The Renewable*Connect Government program will be supplied by R*CG Resources, which produce renewable energy as set forth in Minn. Stat. § 216B.169 (as the same may be amended or revised from time to time). The Customer's share of the output of the R*CG Resources is the "R*CG Energy".

The Company shall not be liable to the Customer in the event that the R*CG Energy is greater than or less than the Customer's Applicable Retail Electric Usage. The Customer assumes all production risk of the R*CG Resources.

To the extent the Company is not required to pay the operator of the R*CG Service because R*CG Resources are unavailable, then on a pro-rata basis the R*CG Energy level of the Customer shall be reduced while such resources are unavailable. N

(Continued on Sheet No. 5-157)

TRACKER ACCOUNT

Customers enrolled in the R*CG Service subscribe to a fixed amount of the capacity of the R*CG Resources, which is the Customer's Subscription Level. The R*CG Resources are variable in nature and may produce more or less energy than the Customer's Applicable Retail Electric Usage. The Company shall apply the R*CG Price to the Customer's Applicable Retail Electric Usage up to the level of the R*CG Energy plus any applied kWh surplus from previous months. If the Customer's Applicable Retail Electric Usage in a given billing month is greater than the R*CG Energy plus unused kWh surplus, then to that extent the Customer's electric usage will be subject to the Minnesota Electric Fuel Clause Rider. The Company will balance the usage of R*CG Service Customers at the end of the program month and year with the actual output of the R*CG Resources over the same periods in accordance with the expected resource blend. Energy produced by the R*CG Resources that is not associated with any R*CG Service subscription and therefore not allocated to an R*CG Customer will be sold to all customers at the delivered cost through the Fuel Clause Adjustment. N

The Company will maintain accounting of the monthly balance of total program production, total program usage, total revenues collected under the program and the expenses associated with offering the R*CG Service, including the renewable energy purchases, marketing and other costs for this program.

TERMS AND CONDITIONS OF SERVICE

1. Any Customer enrolling in this R*CG Service shall execute the Service Agreement with the Company. The effective date of such service, and the Customer's Subscription Level, will be set forth in the Service Agreement. A Customer's ability to continue receiving this R*CG Service terminates upon the termination of the Service Agreement.

2. Unless otherwise agreed to by the Company, a Customer's Subscription Level initially shall be set so that when combined with other distributed generation resources serving the premises designated in the Service Agreement the subscription size does not exceed one hundred (100) percent of the previous annual (12-month) consumption of electric energy by Customer at Premises to which the subscription is attributed (using a conversion factor based on expected production from the R*CG Resources). If twelve (12) months of historical electric energy consumption data is not available for a particular Customer premise, the Company will calculate the estimated annual electric energy consumption as follows: if there is less than twelve (12) months but four (4) months or more of consumption history, the average monthly consumption is multiplied by twelve (12) to figure the yearly consumption. In cases where there is less than four (4) months of consumption history, for commercial properties and all properties over 4,500 square feet with less than four (4) months of consumption history, the Customer must submit an energy audit (HERS Rating or similar) or load calculations for the property stating the estimated annual consumption. Load calculations must be documented and sent to the Renewable*Connect Government Program Manager for approval. The compliance check by the Company with this 100% rule will be performed once at the beginning of a subscription and later only if the Customer changes the Premise(s) associated with the Customer's Subscription Level. N

(Continued on Sheet No. 5-158)

3. Subscription periods become effective on the first day of Customer's billing period immediately following the Company counter-signing the Service Agreement (but not before January 1, 2017), and shall expire on December 31, 2035. Customers that terminate R*CG Service prior to the termination date in the Service Agreement shall be subject to an early termination fee (the "Early Termination Fee"). The Early Termination Fee shall be equal to the Subscription Level in kW multiplied by $20/kW. N

4. A Customer may assign all or part of its Subscription Level to one or more other accounts associated with other premises where it receives retail electric service from the Company and which otherwise qualify under this program under a process which the Company establishes for this.

5. Xcel Energy may cancel this R*CG Service and any Service Agreement applicable to the R*CG Service on written order from the Commission based on good cause shown.

6. The Company will submit reports to the Commission each April 1, for the prior calendar year, or as otherwise ordered in relation to the tracker accounting.

7. For Customers on time of day tariffs, their usage met by R*CG Service and any excess usage not met by R*CG Service shall both be assigned to the on-peak and off-peak periods in proportion to the Customer's total billing period on-peak and off-peak usage.

8. The discounts under Residential Controlled Air Conditioning and Water Heating Rider and Commercial and Industrial Controlled Air Conditioning Riders are not applicable to the charges under this Rider.

9. This R*CG Service shall only apply to the Applicable Retail Electric Usage of a Customer in excess of net metering or other renewable energy supplied by or for the Customer for the premises designated in the Service Agreement.

10. All R*CG Resources are located in Minnesota.

11. The Company shall assign to Customer, or retire on Customer's behalf, all renewable energy credits (RECs) associated with the Customer's R*CG Energy for which the Customer has paid to the Company the applicable R*CG Price. RECs assigned to Customer or retired on the Customer's behalf will not also be claimed by the Company as its renewable energy for other purposes. N

3.2 METHOD OF DETERMINING DEMAND FOR BILLING PURPOSES

The actual demand in kW is defined as the greatest 15-minute average load during the billing period. For determining the adjusted demand, the actual demand may require application of the average power factor, which is defined as the quotient obtained by dividing the kilowatt-hours used during the month by the square root of the sum of the squares of the kilowatt-hours used and the lagging reactive kilovolt-ampere-hours supplied during the same period. Any leading kilovolt-ampere-hours supplied during the period will not be considered in determining the average power factor. The demand for billing shall be determined as shown in the respective rate schedule.

3.3 READING FREQUENCY; CUSTOMER ACCOMMODATION

Meter Reading Standard

Please refer to Section 1.9 of the Company's General Rules and Regulations.

Meter Reading Options

For those customers whose meters are inaccessible, and for whom a meter reading appointment during normal business hours would present a hardship due to work or other schedule conflicts, the Company will provide the following options: (1) meter reading appointments during the evening on weekdays; (2) meter reading appointments on a Saturday or Sunday; or (3) instructions for self-reading the meter.

3.4 MONTHLY BILLING

Bills will normally be rendered monthly and may be paid by mail, by electronic or phone options, or to its duly authorized agents during regular business hours. A "month", as used for billing purposes, does not mean a calendar month, but means the interval between two consecutive periodic meter consumption data received dates which are, as nearly as practicable, at 30 day intervals. The Company may read certain meters less frequently than once each billing month for customers under the Company's self meter reading procedure, or when the Company and customers otherwise mutually agree, except that a Company representative will read the meter at least once each 12 months. If the billing period is longer or shorter than the normal billing period by more than five days, the bill shall be prorated on a daily basis, except for the November, December and January billing periods whereby the bill shall be prorated on a daily basis whenever the billing period is less than 25 days or more than 40 days. C T

(Continued on Sheet No. 6-14.1)

3.5 AVERAGED MONTHLY PAYMENT PLAN

Qualified customers may, at their request, be billed under the Company's Averaged Monthly Payment Plan. Such plan shall generally levelize a customer's monthly payments based on their historic use. The billing for any true-up month will reflect the actual billing for that month adjusted for the credit or debit balance carried forward from the previous month. The Company will initially establish the customer's Averaged Monthly Payment Plan and subsequently review the monthly amount at least once per year to ascertain its reasonableness compared to customer's projected annual bill using current rates. After 12 months, the customer will be automatically re-enrolled in the Averaged Monthly Payment Plan, unless the customer notifies the Company that they wish to cancel. T T

Averaged Monthly Payment Plan is subject to the following conditions:

Qualified Customers: To qualify for the Averaged Monthly Payment Plan, a customer must have a current payment status with the Company's utility bill and request to be enrolled in the Plan.

Removal from Plan:

a. Customer shall automatically be removed from the Plan if any billed amount remains unpaid for two consecutive billing periods.
b. Customer shall automatically be removed from the Plan if the customer closes their account.
c. Customer shall be removed from the Averaged Monthly Payment Plan at any time at their request.

Account Balance: If participation in the Plan is terminated or canceled for any reason, the total amount owed on the account becomes due. The Company will refund any account credit as a credit on the customer's bill or, at the customer's request, by direct payment.

(Continued on Sheet No. 6-15)

3.15 METER EQUIPMENT MALFUNCTIONS (Continued)

C. BILLING ADJUSTMENTS

If the Company does not repair or replace natural gas or electric meter equipment found to be malfunctioning within ten calendar days (20 calendar days for natural gas Remediate upon Referral malfunctions), the Company will not rebill the customer for any under-billing amount owed for service occurring between the date the potential issue was identified and the date the Company remedied the meter equipment malfunction.

However, the Company may rebill for the amount owed for service occurring between the date the potential issue was identified and the date the Company remedied the meter equipment malfunction if the Company's actions were delayed as a result of any Exclusions identified in Section D below. T

Subject to the requirements of the Meter Equipment tariff, the Company will apply its Billing Adjustments tariff language in Section No. 6 of the Company's GENERAL RULES AND REGULATIONS to any rebilling resulting from malfunctioning meter equipment.

D. EXCLUSIONS

In the case where the Company's field investigation identifies malfunctioning meter equipment, but the Company otherwise obtains accurate and consistent customer billing meter readings, the prescribed timeframes in Sections B and C above are not applicable.

The Company will make its best efforts to meet the prescribed timeframes in Sections B and C above. However, the following issues may cause delays in the Company's ability to investigate or remedy malfunctioning meter equipment in those prescribed timeframes, and make B and C above not applicable:

Meter Access

- Meter is inaccessible due to a physical object built around it or blocking it;
- Meter is inaccessible due to locked fence or other property access problem;
- Customer appointment is needed to gain access to meter and Company makes reasonable attempts but is unable to obtain timely access to meter and/or access to inside of premise;
- Property re-modeling prevents access;
- Vacant or unknown property ownership; or
- Customer refuses the Company access to meter and/or access to inside of premise;

(Continued on Sheet No. 6-17.4)

5.1 STANDARD INSTALLATION (Continued)

A. Service at Secondary and Primary Voltage (Continued)

1. *Service Installation*

a. Residential. Company will extend, on private property, to a Company designated service location, a service lateral a maximum distance of 100 feet. When the necessary extension to a Company designated service location exceeds these limits, the customer will be charged for the additional extension according to the Excess Footage Charge set forth below. Customers requesting a preferred service location will also be charged the Excess Footage Charge for each circuit foot Company extends the installation beyond Company's designated service location.

Excess Footage Charge

Services	$12.50 per circuit foot	R

b. Non-Residential. Company will extend, on private property, to a Company designated service location, a distribution lateral, the total cost of which must not exceed a sum equal to three and one half (3.5) times the customer's anticipated annual revenues, excluding the portion of the revenue representing fuel-cost recovery. When the cost of the necessary extension exceeds this limit, the customer will be charged the difference.

Excess Footage Charge

Excess single phase primary or secondary extension	$13.20 per circuit foot	R
Excess three phase primary or secondary extension	$20.80 per circuit foot	R

(Continued on Sheet No. 6-24)

5.1 STANDARD INSTALLATION (Continued)

A. Service at Secondary and Primary Voltage (Continued)

2. Winter Construction. When underground facilities are installed between October 1 and April 15, inclusive, because of failure of customer to meet all requirements of the Company by September 30, or because the customer's property, or the streets leading thereto, are not ready to receive the underground facilities by such date, such work will be subject to a Winter Construction Charge when winter conditions of six inches or more of frost exist, snow removal or plowing is required to install service, or burners must be set at the underground facilities in order to install service for the entire length of the underground service. Winter construction will not be undertaken by the Company where prohibited by law or where it is not practical to install underground facilities during the winter season. The charges immediately below apply to frost depths of 18" or less. At greater frost depths, the Company may individually determine the job cost. The Company reserves the right to charge for any unusual winter construction expenses. All winter construction charges are non-refundable and are in addition to any normal construction charges. If NSP gas and electric facilities are installed in a joint trench for any portion, the Company will waive the lower of the gas and electric winter construction charges on the joint portion.

Winter Construction Charge		
Thawing	$685.00 per frost burner	R
Service, primary or secondary distribution extension	$8.90 per trench foot	R

3. *Unusual Installation Costs*. The customer is required to pay the excess installation cost incurred by the Company because of:
   a. surface or subsurface conditions that impede the installation of distribution facilities,
   b. delays caused by customer, or
   c. paving of streets, alleys, or other areas prior to the installation of underground facilities.

   Such payment, if any, will be determined by the Company based on actual costs.

(Continued on Sheet No. 6-25)

5.2 GENERAL EXTENSION (Continued)

Non-refundable payments will be in the amount determined by subtracting from the total estimated installation cost the product of three and one half (3.5) times the anticipated annual revenue, excluding the portion of the revenue representing fuel-cost recovery, as set forth in Section 5.1, STANDARD INSTALLATION. Additional refundable payments may be required where service is extended and where customer occupancy is expected to be delayed. In such cases, for each additional customer served directly from the original contracted extension within five years from the date of its completion, the person who made the advance payment will receive proportionate refunds as additional customers take occupancy. The total of such refunds will in no event exceed the total refundable advance payment. Refunds will be made only for line extensions on private property to a single customer served directly from the original contracted facilities.

5.3 SPECIAL FACILITIES

A. Definitions

For the purposes of Section 5.3 and the City Requested Facilities Surcharge Rider, the following definitions apply:

1. "Distribution Facilities" are defined as all primary and secondary voltage wires, poles, insulators, transformers, fixtures, cables, trenches, ductlines, and other associated accessories and equipment, including substation equipment, rated 35kV class and below, whose express function and purpose is for the distribution of electrical power from the Company's distribution substation directly to residential, commercial, and/or industrial customers. Distribution Facilities exclude all facilities used primarily for the purpose of transferring electricity from a generator to a substation and/or from one substation to another substation. As such, Distribution Facilities serve only customers on the primary and secondary rates of the Company.

2. "Transmission Facilities" are defined as all poles, towers, wires, insulators, transformers, fixtures, cables, and other associated structures, accessories and equipment, including substation equipment, rated 25kV class and above, whose express function and purpose is the transmission of electricity from a generator to a substation or substations, and from one substation to another.

3. "Municipality" is defined as any one of the following entities: a county, a city, a township, the Minnesota Department of Transportation (MnDOT) or other unit of local government. T

4. "City" is defined as either a statutory city or a home rule charter city consistent with Minn. Stat. §410.015 and §216B.02, Subd. 9.

(Continued on Sheet No. 6-27.1)

5.3 SPECIAL FACILITIES (Continued)

C. Special Facilities In Public Right-Of-Way

1. Whenever a Municipality as a governing body of public right-of-way orders or requests the Company to replace, modify or relocate its existing Distribution Facilities or Transmission Facilities located by permit in said public right-of-way such facilities will be replaced, modified or relocated at Company expense, provided the construction is the Standard Facility(ies) installation designated by the Company and that the replacement, modification or relocation is necessary to prevent interference, and not merely for convenience of the local government unit, in connection with: (1) a present or future local government use of the right-of-way for a public project; (2) the public health or safety; or (3) the safety and convenience of travel over the right-of-way. The Municipality must authorize the construction at a Company-approved reasonable location within the public right-of-way or at a location established by lawful order of the Municipality. If a Municipality orders relocation of overhead facilities and there is no room for overhead construction of the facilities in the right-of-way, Excess Expenditures associated with installing underground facilities will be subject to Section 5.3(E). D N N

2. If the Municipality requests or orders a facility other than the standard facility(ies) determined under 5.3(C)(1), the Company will provide the Municipality notification of the Excess Expenditure compared to the Standard Facility. If the Municipality requests or orders a type of construction with cost in excess of the Company designated standard construction, recovery of such Excess Expenditures will be subject to Section 5.3(E). D

3. Except in emergencies, the Company has no obligation to commence initial construction of new Special Facilities in a Municipality, or to commence construction for replacement, modification, reconstruction or relocation of existing facilities, until the Company receives a permit, or other written authorization, from the Municipality (or its designee) having jurisdiction over use of the applicable public right-of-way , authorizing the construction at a Company-approved reasonable location within the public right-of-way or at a location established by lawful order of the Municipality. D D N

4. The Company reserves the right to require an order from a Municipality if the Company determines the requested Special Facilities constitute an improvement primarily for the benefit of a landowner or other group and only an incidental benefit to public use of the right-of-way. The Company also reserves the right to challenge the lawfulness of a Municipality's order. L L

(Continued on Sheet No. 6-29)

5.3 SPECIAL FACILITIES (Continued)

5. A Municipality shall not order Company to remove or relocate its Distribution Facilities or Transmission Facilities when a right-of-way is vacated, improved or realigned for a right-of-way project or any other project which is financially subsidized in whole or in part by the Federal Government or any agency thereof, unless the reasonable non-betterment costs of such relocation are first paid to Company. The Municipality is obligated to pay Company only for those portions of its relocation costs for which the Municipality has received federal funding specifically allocated for relocation costs in the amount requested by the Company, which allocated funding the Municipality shall specifically request. N

6. If the Minnesota Department of Transportation ("MnDOT") requests the Company to replace, modify or relocate its existing Distribution Facilities or Transmission Facilities located by permit in MnDOT right-of-way, MnDOT shall make reasonable efforts to provide and identify a reasonable alternative location for the Company's facilities within or outside the right-of-way as part of its relocation order and prior to any work being done by the Company. N

D. <u>Underground Facilities Requirements</u> L

The following provisions apply when replacing overhead facilities with underground facilities:

1. The customer, at customer's expense, must engage an electrician to adapt the customer's electrical facilities to accept service from Company underground facilities.

2. The Company will allow reasonable time for the customer to make the necessary alterations to their facilities, before removal of the existing overhead facilities. The customer, group of customers, developer or Municipality must provide Company reasonable notice of the undergrounding request so Company may efficiently plan and install such facilities. L

(Continued on Sheet No. 6-29)

6.3 BUSINESS INTERRUPTION

If, for any cause not reasonably within the customer's control, including fire, explosion, flood, unavoidable accident, labor dispute, or government interference, the customer's electric load is substantially reduced because customer is partially or totally prevented from using all the electric service supplied by the Company, the demand ratchet portion of the Determination of Demand provision of the general service rates shall be suspended for the duration of the business interruption. Similarly, the Annual Minimum Demand Charge provision of customer contracts for the interruptible service rates shall be prorated to reflect the duration and level of customer's business interruption.

6.4 **CUSTOMER NOTICE OF PLANNED SERVICE INTERRUPTIONS**.

The Company shall give customers reasonable notice of any planned service interruption expected to last longer than 20 minutes. For any planned interruption expected to exceed four hours, the Company shall provide, if feasible, written notice one week in advance, and notice by telephone or door-to-door household visits 12 to 72 hours before the planned interruption. Planned service interruptions will be scheduled at times to minimize the inconvenience to customers. In the event that a planned service interruption exceeding four hours is canceled, the Company shall notify, where feasible, the customers who received notice that service would be interrupted. T

SECTION 7 COMPANY'S RIGHTS

7.1 WAIVER OF RIGHTS OR DEFAULTS

No delay by the Company in enforcing any of its rights may be deemed a waiver of such rights, nor may a waiver by the Company of any of a customer's defaults be deemed a waiver of any other or subsequent defaults.

7.2 MODIFICATION OF RATES, RULES, AND REGULATIONS

The Company reserves the right, in any manner permitted by law, to modify any of its rates, rules, and regulations or other provisions now or hereafter in effect.

4.0 TERMS AND CONDITIONS (Continued)

4.14 For electric System and Service, Developer agrees to provide the following minimum clearance around the transformer: front, 10 feet; sides and back, 2 feet; with the following exception: side facing building must have 30" clearance. These clearances must be at the same grade as the transformers. If screening is to be used, the area in front of the transformer must be left open or a hinged door, easily operable by one person, must be provided. This area must be accessible 24 hours a day. Xcel Energy will not be responsible for costs to repair obstruction if minimum clearance is not present.

4.15 Developer agrees to begin using Service within 90 days after Xcel Energy completes System and Service installation. If Developer fails to use any of said Service, Xcel Energy may charge Developer: (i) the reasonable cost of installing the System, less any customer contribution made; or (ii) the Monthly Minimum Charge plus any applicable surcharges or taxes.

4.16 If Xcel Energy is unable to secure upon reasonable terms and conditions from the appropriate governmental unit, the permits, licenses, or authority necessary for the installation and operation of the System, this Agreement shall be void and neither Party hereto shall have rights, duties or privileges hereunder.

4.17 If Developer modifies the scope of work after this Agreement is executed, the Developer is responsible for all costs associated with the agreed-upon modification.

5.0 ABANDONMENT; ASSIGNMENT. Developer agrees that if Developer or Xcel Energy terminates Service, Xcel Energy has the right to abandon its System facilities in place. Developer will not assign this Agreement except upon written consent of Xcel Energy, which shall not be unreasonably withheld.

6.0 ENTIRE AGREEMENT. This Agreement, together with all documents referenced herein or attached hereto, constitutes the entire agreement between the Parties relating to the transaction described herein and supersedes any and all prior oral or written understandings. No addition to or modification of any provision hereof shall be binding unless (a) provided for in writing and signed by both Parties or (b) as provided in the General Rules and Regulations and/or in the Rate Schedules of Xcel Energy's Electric or Gas Rate Book for Customer's specific service, as they now exist or may hereafter be changed, on file with the state regulatory commission in the state where service is provided. T

7.0 GOVERNING LAW. This Agreement shall be interpreted and governed by the laws of the state in which the Development Property is located.

8.0 ADDITIONAL TERMS. Additional terms, if any, are included in Attachment A, which is incorporated herein by reference.

(Continued on Sheet No. 7-43)

Developer	**Northern States Power Company, a Minnesota ("Xcel Energy")**
_____ (NAME)	_____ (NAME)
_____ (COMPANY)	_____ (TITLE)
_____ (ADDRESS)	414 Nicollet Mall (ADDRESS)
_____ (CITY, STATE, ZIP CODE)	Minneapolis, MN 55401 (CITY, STATE, ZIP CODE)
SIGNATURE: _____	SIGNATURE: _____
PRINT FULL NAME: _____	PRINT FULL NAME: _____
DATE: _____	DATE: _____

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Form 17-1905

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DISTRIBUTION FACILITY CREDIT

Customer may also be eligible for a Distribution Facility Credit (DFC). Upon request, a list of substation areas or feeders that may be candidates for distribution credits, as determined through the Company's normal distribution planning process, shall be provided to the Customer. The terms and conditions of such credit shall be determined from a case-specific study of avoided distribution costs. Such study shall include review of both avoided distribution lines and avoided distribution transformers. ~~T~~ ~~T~~ ~~T~~

The value of the DFC shall be equal to the Company's avoided distribution costs resulting from the installation of the DG facility. The avoided distribution costs are based on Company's annual distribution capacity planning study that identifies capacity needs, any corresponding required upgrades and load growth on area distribution feeders. Upon receiving a DG application, and as part of the case specific study, the Company will perform an initial screen of the DG project to determine if the project is located on a distribution feeder that has potential for a DFC. The DG customer is responsible for the cost of such screening study. If the screening study shows that there exists potential for a DFC, the Company shall, at its own cost, pursue further study to determine the DFC, as part of an annual distribution capacity study. Once established by contract and accepted by Company and customer, DFC shall be fixed over the term of the contract. ~~T~~ ~~T~~ ~~T~~ ~~T~~

LINE LOSS CREDITS

If Customer requests the Company to provide a specific line loss study, Customer may be eligible for additional line loss credits if the study supports such credits. The Customer is responsible for the cost of the study, regardless of the study's outcome.

RENEWABLE ENERGY AND EM~~M~~ISSION CREDITS T

The definition of and the ownership rights to any and all renewable energy credits, emissions reduction credits, or allowances associated with the energy purchased by the Company from the DG customer will be specified by the terms and conditions of the PPA. ~~N~~ ~~N~~ ~~ND~~

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2021 Proposed Tariffs
Redline

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Northern States Power Company supplies electric service at retail in the State of Minnesota in the incorporated municipalities, unincorporated named communities and hamlets, townships, and counties listed below.

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Aetna Township	South Dakota	Belle Plaine	Metro West & Southeast
Afton	Metro East	Belle Plaine Township	Southeast
Albany	Northwest	Bellechester	Southeast
Albany Township	Northwest	Belvidere Township	Southeast
Albertville	Northwest	Belview	Northwest
Alma City (U)	Southeast	Benton County	Northwest
Almelund (U)	Metro East	Benton Township	Metro West
Alton Township	Southeast	Bergen Township	Metro West
Altura	Southeast	Big Lake	Northwest
Amador Township	Metro East	Big Lake Township	Northwest
Annandale	Northwest	Birch Cooley Township	Northwest
Anoka County	Metro East & Metro West	Birchwood	Metro East
Apple Valley	Metro East	Birchwood Village	Metro East
Arden Hills	Metro East	Bird Island	Northwest
Ashland Township	Southeast	Bird Island Township	Northwest
Atwater	Northwest	Blaine	Metro East & Metro West
Averill (U)	North Dakota	Blakely Township	Southeast
Avon	Northwest	Blomkest	Northwest
Avon Township	Northwest	Blooming Grove Township	Southeast
Baker (U)	North Dakota	Bloomington	Metro West
Balaton	South Dakota	Blue Earth County	Southeast
Bancroft Township	Northwest	Bombay (U)	Southeast
Bangor Township	Northwest	Borup	North Dakota
Bath Township	Southeast	Bridgewater Township	Southeast
Bayport	Metro East	Brighton Township	Southeast
Baytown Township	Metro East	Brockway Township	Northwest
Beauford (U)	Southeast	Brooklyn Center	Metro West
Beauford Township	Southeast	Brooklyn Park	Metro West
Becker	Northwest	Brooten	Northwest
Becker Township	Northwest	Brown County	Northwest
Belgrade	Northwest		
Belle Creek Township	Southeast		

(U) Unincorporated

(Continued on Sheet No. 3-1.1)

INDEX OF COMPANY'S SERVICE AREA

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COMMUNITIES	AREA OFFICE
Buffalo	Northwest
Buffalo Lake	Northwest
Buffalo Township	Northwest
Burbank Township	Northwest
Burnsville	Metro West
Butterfield	Southeast
Byron	Southeast
Camden Township	Metro West
Camp Release Township	Northwest
Canisteo Township	Southeast
Cannon City (U)	Southeast
Cannon City Township	Southeast
Cannon Falls	Southeast
Cannon Falls Township	Southeast
Carver	Metro West
Carver County	Metro West
Castle Rock Township	Metro East & Southeast
Center City	Metro East
Centerville	Metro East
Champlin	Metro West
Chandler	South Dakota
Chanhassen	Metro West
Chaska	Metro West
Cherry Grove Township	Southeast
Chester Township	Southeast
Chippewa County	Northwest
Chisago City	Metro East
Chisago County	Metro East
Chisago Lake Township	Metro East

(U) Unincorporated

(Continued on Sheet No. 3-2)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE
Circle Pines	Metro East
Clara City	Northwest
Claremont	Southeast
Claremont Township	Southeast
Clarkfield	Northwest
Clarks Grove	Southeast
Clay County	North Dakota
Clear Lake	Northwest
Clear Lake Township	Northwest
Clearwater	Northwest
Clements	Northwest
Cleveland	Southeast
Clinton Falls (U)	Southeast
Clinton Falls Township	Southeast
Coates	Metro East
Cobden	Northwest
Cokato	Northwest
Cokato Township	Northwest
Cold Spring	Northwest
Collegeville Township	Northwest
Collins Township	Northwest
Collinwood Township	Northwest
Cologne	Metro West
Columbia Heights	Metro West
Comstock	North Dakota
Concord (U)	Southeast
Concord Township	Southeast
Coon Rapids	Metro West
Corcoran	Metro West & Northwest
Corinna Township	Northwest
Cosmos	Northwest
Cosmos Township	Northwest
Cottage Grove	Metro East
Cottonwood	Northwest
Courtland	Southeast
Courtland Township	Southeast
Credit River Township	Southeast
Crow Lake Township	Northwest
Crystal	Metro West
Currie	South Dakota
Custer Township	Northwest
Dahlgren Township	Metro West
Dakota	Southeast
Dakota County	Metro East, Metro West & Southeast
Danube	Northwest
Dassel	Northwest
Dassel Township	Northwest
Dayton	Northwest
Deephaven	Metro West
Deerfield Township	Southeast
Delano	Northwest
Delhi	Northwest
Dellwood	Metro East
Denmark Township	Metro East

(U) Unincorporated

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COMMUNITIES	AREA OFFICE
Dennison	Southeast
Dilworth	North Dakota
Dodge Center	Southeast
Dodge County	Southeast
Douglas County	Northwest
Dresbach (U)	Southeast
Dresbach Township	Southeast
Dryden Township	Southeast
Dundas	Southeast

(U) Unincorporated

(Continued on Sheet No. 3-3)

INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
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COMMUNITIES	AREA OFFICE		COMMUNITIES	AREA OFFICE	
Eagan	Metro East		Forest Lake Township	Metro East	
Eagle Lake	Southeast		Fort Snelling	Metro West	
East Bethel	Metro East		Franconia Township	Metro East	
Echo	Northwest		Franklin	Northwest	
Echo Township	Northwest		Franklin Township	Northwest	
Eden Lake Township	Northwest		Freeborn County	Southeast	
Eden Prairie	Metro West		Freedom Township	Southeast	
Eden Township	South Dakota		Freeport	Northwest	
Eden Valley	Northwest		Fridley	Metro West	
Edgerton	South Dakota		Friendship Township	Northwest	
Edina	Metro West		Frontenac (U)	Southeast	
Edwards Township	Northwest		Garden City Township	Southeast	
Elba	Southeast		Garvin	South Dakota	
Elko New Market	Southeast		Gaylord	Southeast	
Ellington Township	Southeast		Gem Lake	Metro East	
Elmer Township	South Dakota		Gibbon	Southeast	
Elmwood Township	North Dakota		Gillford Township	Southeast	
Elysian	Southeast		Gilmanton Township	Northwest	
Elysian Township	Southeast		Glasgow Township	Southeast	
Empire Township	Metro West		Glencoe	Metro West	
Emmet Township	Northwest	N	Glencoe Township	Metro West	
Essig (U)	Southeast		Glenwood	Northwest	
Evan	Northwest		Glenwood Township	Northwest	
Excelsior	Metro West		Glyndon	North Dakota	
Falcon Heights	Metro East		Glyndon Township	North Dakota	
Faribault	Southeast		Golden Valley	Metro West	
Faribault County	Southeast		Good Thunder	Southeast	
Farmington	Metro East		Goodhue	Southeast	
Faxon Township	Metro West		Goodhue County	Southeast	
Featherstone Township	Southeast		Goodhue Township	Southeast	
Felton	North Dakota		Goodview	Southeast	
Felton Township	North Dakota		Gordon Township	Northwest	
Florence	South Dakota		Grafton Township	Southeast	
Florence Township	Southeast		Granite Falls Township	Northwest	
Flowing Township	North Dakota		Grant	Metro East	
Foley	Northwest		Gray Township	South Dakota	N
Forest Lake	Metro East				

(U) Unincorporated

(Continued on Sheet No. 3-3.1)

INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
~~5th~~6th Revised Sheet No. 3.1

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Green Isle	Metro West & Southeast	Hampton	Southeast
		Hampton Township	Southeast
Green Isle Township	Metro West & Southeast	Hancock	Metro West
		Hanley Falls	Northwest
Green Lake Township	Northwest	Hanover	Northwest
Greenfield	Metro West	Hartland	Southeast
Greenfield Township	Northwest & Southeast	Hartland Township	Southeast
		Hassan Township	Northwest
Greenvale Township	Southeast	Hastings	Metro East ~~N~~
Greenwald	Northwest	Hatfield	South Dakota
Greenwood	Metro West	Haven Township	Northwest
Grey Cloud Island Township	Metro East	Hawk Creek Township	Northwest
Grove Township	Northwest	Hay Creek Township	Southeast
Hadley	South Dakota	Hayfield	Southeast
Hale Township	Metro West	Hayfield Township	Southeast
Hamburg	Metro West	Hazel Run	Northwest
Hamel (U)	Metro West		
Hammond	Southeast		

(U) Unincorporated

(Continued on Sheet No. 3-4)

INDEX OF COMPANY'S SERVICE AREA (Continued) Section No. 3
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COMMUNITIES	AREA OFFICE		COMMUNITIES	AREA OFFICE
Hector	Northwest		Kalmar Township	Southeast
Hector Township	Northwest		Kandiyohi County	Northwest
Helen Township	Metro West		Kasota Township	Southeast
Helena Township	Southeast		Kasson	Southeast
Henderson	Southeast		Kellogg	Southeast
Henderson Township	Southeast		Kenyon Township	Southeast
Hennepin County	Metro West & Northwest		Kilkenny	Southeast
			Kilkenny Township	Southeast
Hillsdale Township	Southeast		Kimball	Northwest
Hilltop	Metro West		Kingston	Northwest
Hokah	Southeast		Kingston Township	Northwest
Holden Township	Southeast		Krain Township	Northwest
Holding Township	Northwest		La Crescent	Southeast
Holdingford	Northwest		La Crescent Township	Southeast
Holland	South Dakota		Lac Qui Parle County	Northwest
Holland Township	Northwest		Lafayette	Southeast
Hollywood Township	Metro West		Lake City	Southeast
Holy Cross Township	North Dakota		Lake Elmo	Metro East
Homer Township	Southeast		Lake Henry	Northwest
Hope Township	South Dakota	~~N~~	Lake Henry Township	Northwest
Hopkins	Metro West		Lake Lillian	Northwest
Houston County	Southeast		Lake Lillian Township	Northwest
Howard Lake	Northwest		Lake St. Croix Beach	Metro East
Hugo	Metro East		Lake Township	Southeast
Hyde Park Township	Southeast		Lake Wilson	South Dakota
Ihlen	South Dakota		Lakeland	Metro East
Independence	Metro West		Lakeland Shores	Metro East
Inver Grove Heights	Metro East		Laketown Township	Southeast
Iona	South Dakota		Lakeville	Metro East
Iosco Township	Southeast		Landfall	Metro East
Irving Township	Northwest			
Jackson Township	Metro West			
Jamestown Township	Southeast			
Janesville	Southeast			
Janesville Township	Southeast			
Jasper	South Dakota			
Jordan	Southeast			

(U) Unincorporated

(Continued on Sheet No. 3-4.1)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Lanesburgh Township	Southeast	Lydia (U)	Southeast
Lauderdale	Metro East	Lynden Township	Northwest
Le Sauk Township	Northwest	Lyon County	Northwest & South Dakota
Lemond Township	Southeast		
Lent Township	Metro East	Lyra Township	Southeast
LeRay Township	Southeast	Madison Lake	Southeast
Lester Prairie	Metro West	Mahtomedi	Metro East
LeSueur County	Southeast	Maine Prairie Township	Northwest
Leven Township	Northwest	Manchester	Southeast
Lexington	Metro East	Manchester Township	Southeast
Lilydale	Metro East	Mankato	Southeast
Lime Township	Southeast	Mankato Township	Southeast
Lincoln Township	Southeast	Mantorville	Southeast
Lindstrom	Metro East	Mantorville Township	Southeast
Lino Lakes	Metro East	Maple Grove	Metro West
Linwood Township	Metro East	Maple Lake	Northwest
Little Canada	Metro East	Maple Lake Township	Northwest
Long Beach	Northwest	Maple Plain	Metro West
Long Lake	Metro West	Mapleton	Southeast
Lonsdale	Southeast	Mapleton Township	Southeast
Loretto	Metro West	Maplewood	Metro East
Lowry	Northwest	Marine-on-St. Croix	Metro East
Lura Township	Southeast	Marysville Township	Northwest
Luxemburg Township	Northwest		

(U) Unincorporated

(Continued on Sheet No. 3-5)

INDEX OF COMPANY'S SERVICE AREA (Continued) Section No. 3
~~6th~~7th Revised Sheet No. 5

COMMUNITIES	AREA OFFICE		COMMUNITIES	AREA OFFICE
May Township	Metro East		Monticello Township	Northwest
Mayer	Metro West		Montrose	Northwest
Mayhew Lake Township	Northwest		Moorhead	North Dakota
Maynard	Northwest		Moorhead Township	North Dakota
Mazeppa	Southeast		Morgan	Northwest
Mazeppa Township	Southeast		Morgan Township	Northwest
McLeod County	Metro West & Northwest		Morristown	Southeast
			Morristown Township	Southeast
McPherson Township	Southeast		Morton	Northwest
Medford	Southeast		Mound	Metro West
Medford Township	Southeast		Mounds View	Metro East
Medicine Lake	Metro West		Mount Pleasant Township	Southeast
Medina	Metro West		Mount Vernon Township	Southeast
Medo Township	Southeast		Mower County	Southeast
Meeker County	Northwest		Munson Township	Northwest
Meire Grove	Northwest		Murray County	South Dakota
Mendota	Metro East		Murray Township	South Dakota
Mendota Heights	Metro East		Nerstrand	Southeast
Meriden (U)	Southeast		New Auburn	Southeast
Meriden Township	Southeast		New Brighton	Metro East
Middleville Township	Northwest		New Germany	Metro West
Milford Township	Southeast	~~N~~	New Hartford Township	Southeast
Millville	Southeast		New Haven Township	Southeast
Milton Township	Southeast		New Hope	Metro West
Minden Township	Northwest		New London	Northwest
Minneapolis	Metro West		New London Township	Northwest
Minneiska	Southeast		New Market Township	Southeast
Minneiska Township	Southeast	~~N~~	New Munich	Northwest
Minneola Township	Southeast		New Prague	Southeast
Minnesota City	Southeast		New Richland	Southeast
Minnesota Falls Township	Northwest		New Richland Township	Southeast
Minnesota Lake	Southeast		New Scandia Township	Metro East
Minnetonka	Metro West			
Minnetonka Beach	Metro West			
Minnetrista	Metro West			
Minnewaska Township	Northwest			
Moltke Township	Southeast			
Monroe Township	South Dakota			
Montevideo	Northwest			
Monticello	Northwest			

(U) Unincorporated

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(U) Unincorporated

(Continued on Sheet No. 3-5.1)

INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
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COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE	
Newport	Metro East	Oak Center (U)	Southeast	
Nicollet	Southeast	Oak Park Heights	Metro East	
Nicollet County	Southeast	Oak Township	Northwest	
Nicollet Township	Southeast	Oakdale	Metro East	
Nininger Township	Metro East	Oakport Township	North Dakota	
Nodine (U)	Southeast	Oakwood Township	Southeast	
Norman County	North Dakota	Olmsted County	Southeast	
North Branch	Metro East	Orono	Metro West	
North Mankato	Southeast	Osakis	Northwest	
North Oaks	Metro East	Osseo	Metro West	
North St. Paul	Metro East	Osborne Township	South Dakota	N
Northfield	Southeast	Otisco (U)	Southeast	
Northfield Township	Southeast	Otisco Township	Southeast	
Norton Township	Southeast			
Norwood Young America	Metro West			

(U) Unincorporated

(Continued on Sheet No. 3-6)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Otsego	Northwest	Richfield	Metro West
Ottawa Township	Southeast	Richmond	Northwest
Owatonna	Southeast	Ridgeway (U)	Southeast
Owatonna Township	Southeast	Ripley Township	Southeast
Paxton Township	Northwest	Riverton Township	North Dakota
Paynesville	Northwest	Robbinsdale	Metro West
Paynesville Township	Northwest	~~Rock County~~	~~South Dakota~~ D
Pemberton	Southeast	Rock Lake Township	South Dakota
Pepin Township	Southeast	Rock Township	South Dakota
Pine Island	Southeast	Rockford	Metro West
Pine Island Township	Southeast	Rockford Township	Metro West
Pine Springs	Metro East	Rockville	Northwest
Pipestone	South Dakota	Rockville Township	Northwest
Pipestone County	South Dakota	Rogers	Northwest
Plato	Metro West	Rollingstone	Southeast
Pleasant Hill Township	Southeast	Rollingstone Township	Southeast
Plymouth	Metro West	Roscoe	Northwest
Pope County	Northwest	Roscoe Township	Southeast
Posen Township	Northwest	Roseland (U)	Southeast
Prinsburg	Northwest	Roseland Township	Southeast
Prior Lake	Southeast	Rosemount	Metro East
Ramsey County	Metro East & Metro West	Roseville	Metro East
		Rosewood Township	Northwest
Randolph	Southeast	Ruthton	South Dakota
Randolph Township	Southeast	Sabin	North Dakota
Rapidan (U)	Southeast	Sacred Heart	Northwest
Raymond	Northwest	Sacred Heart Township	Northwest
Reads Landing (U)	Southeast	Salem Township	Southeast
Red Wing	Southeast	San Francisco Township	Metro West
Redwood County	Northwest	Sand Creek Township	Southeast
Regal	Northwest	Sartell	Northwest
Renville	Northwest	Sauk Rapids	Northwest
Renville County	Northwest	Sauk Rapids Township	Northwest
Rheiderland Township	Northwest	Savage	Metro West & Southeast
Rice	Northwest		
Rice County	Southeast	Scandia (U)	Metro East
Rich Valley Township	Northwest	Sciota Township	Southeast

(U) Unincorporated

(Continued on Sheet No. 3-6.1)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Scott County	Metro West & Southeast	Shorewood	Metro West
Sedan	Northwest	Sibley County	Metro West, Northwest & Southeast
Severence Township	Southeast		
Shafer	Metro East	Sibley Township	Southeast
Shafer Township	Metro East	Silver Lake	Metro West
Shakopee	Metro West	Skyline	Southeast
Sherburne County	Northwest	Slayton	South Dakota
Sherman Township	Northwest	Slayton Township	South Dakota
Shetek Township	South Dakota		
Shieldsville Township	Southeast		
Shoreview	Metro East		

(U) Unincorporated

(Continued on Sheet No. 3-7)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE		COMMUNITIES	AREA OFFICE	
Smiths Mill (U)	Southeast		Starbuck	Northwest	
South Bend (U)	Southeast		Stearns County	Northwest	
South Bend Township	Southeast		Steele County	Southeast	
South Haven	Northwest		Stewart	Northwest	
South St. Paul	Metro East		Stillwater	Metro East	
Southside Township	Northwest		Stillwater Township	Metro East	
Sparta Township	Northwest		Stockholm Township	Northwest	
Spicer	Northwest		Stoneham Township	Northwest	
Spring Hill	Northwest		Stony Run Township	Northwest	
Spring Lake Park	Metro West		Sumter Township	Northwest	
Spring Lake Township	Southeast		Sunfish Lake	Metro East	
Spring Park	Metro West		Sunrise (U)	Metro East	
Spring Prairie Township	North Dakota		Sunrise Township	Metro East	
St. Anthony	Metro West		Swedes Forest Township	Northwest	
St. Augusta	Northwest		Taylors Falls	Metro East	
St. Bonifacius	Metro West		Todd County	Northwest	
St. Clair	Southeast		The Lakes (U)	South Dakota	N
St. Cloud	Northwest		Tonka Bay	Metro West	
St. Joseph	Northwest		Tracy	South Dakota	
St. Joseph Township	Northwest		Trosky	South Dakota	
St. Louis Park	Metro West		Tunsberg Township	Northwest	
St. Martin	Northwest		Tyrone Township	Southeast	
St. Mary Township	Southeast		Union Grove Township	Northwest	
St. Mary's Point	Metro East		Vadnais Heights	Metro East	
St. Michael	Northwest		Vermillion	Southeast	
St. Paul	Metro East		Vermillion Township	Southeast	
St. Paul Park	Metro East		Veseli (U)	Southeast	
St. Wendell Township	Northwest	N	Victor Township	Northwest	
Stacy	Metro East		Victoria	Metro West	
Stanton (U)	Southeast		Villard	Northwest	
Stanton Township	Southeast				

(U) Unincorporated

(Continued on Sheet No. 3-7.1)

INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Wabasha	Southeast	Waseca	Southeast
Wabasha County	Southeast	Waseca County	Southeast
Waconia	Metro West	Washington County	Metro East
Waconia Township	Metro West	Washington Lake Township	Metro West
Wacouta Township	Southeast	Wasioja (U)	Southeast
Waite Park	Northwest	Wasioja Township	Southeast
Wakefield Township	Northwest	Watab Township	Northwest
Walcott Township	Southeast	Waterford Township	Southeast
Waldorf	Southeast	Watertown	Metro West
Waltham	Southeast	Watertown Township	Metro West
Waltham Township	Southeast	Waterville	Southeast
Wanamingo	Southeast	Waterville Township	Southeast
Wanamingo Township	Southeast	Watkins	Northwest
Warsaw (U)	Southeast		
Warsaw Township	Southeast		

(U) Unincorporated

(Continued on Sheet No. 3-8)

INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
~~6th~~7th Revised Sheet No. 8

COMMUNITIES	AREA OFFICE		COMMUNITIES	AREA OFFICE
~~Watonwan County~~	~~Southeast~~	D	Winona	Southeast
Watopa Township	Southeast		Winona County	Southeast
Watson	Northwest		Winona Township	Southeast
Waverly	Northwest		Winsted	Metro West
Wayzata	Metro West		Witoka (U)	Southeast
Weaver (U)	Southeast		Wolverton	North Dakota
Webster (U)	Southeast		Wood Lake	Northwest
Webster Township	Southeast		Wood Lake Township	Northwest
Wegdahl (U)	Northwest		Woodbury	Metro East
Wells Township	Southeast		Woodland	Metro West
West Concord	Southeast		Woodland Township	Southeast
West Lakeland Township	Metro East		Woodstock	South Dakota
West St. Paul	Metro East		Woodville Township	Southeast
West Union	Northwest		Wright County	Metro West & Northwest
Westport	Northwest			
Westport Township	Northwest		Wyoming	Metro East
Wheatland Township	Southeast		Wyoming Township	Metro West
Wheeling Township	Southeast		Yellow Medicine County	Northwest
White Bear Lake	Metro East		Young America Township	Metro West
White Bear Lake Township	Northwest		Zion Township	Northwest
White Bear Township	Metro East		Zumbro Falls	Southeast
~~Wilken County~~	~~North Dakota~~	D	Zumbrota	Southeast
Willernie	Metro East		Zumbrota Township	Southeast
Wilson Township	Southeast			
Wilton Township	Southeast			

(U) Unincorporated

Item Sheet No.

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RESIDENTIAL SERVICE Section No. 5
RATE CODE A00, A01, A03 ~~31st~~32nd Revised Sheet No. 1

AVAILABILITY
Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Standard	Electric Space Heating	
Customer Charge per Month – Water Heating (A00)	$0.00	N/A	
– Overhead (A01)	~~$8.00~~$9.50	~~$10.00~~$11.50	R
– Underground (A03)	~~$10.00~~$11.50	~~$12.00~~$13.50	R
Energy Charge per kWh			
June - September	~~$0.10301~~$0.12823	~~$0.10301~~$0.12823	R
Other Months	~~$0.08803~~$0.11137	~~$0.05988~~$0.07988	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

(Continued on Sheet No. 5-1.1)

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

LOW INCOME ENERGY DISCOUNT
Energy discount is available to qualified low income customers under this schedule subject to the provisions contained in the Low Income Energy Discount Rider.

OTHER PROVISIONS
This schedule is also subject to provisions contained in Rules for Application of Residential Rates.

RESIDENTIAL TIME OF DAY SERVICE Section No. 5
RATE CODE A02, A04 ~~31st~~32nd Revised Sheet No. 2

AVAILABILITY
Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Standard	Electric Space Heating	
Customer Charge per Month			
Overhead (A02)	~~$10.00~~$11.50	~~$12.00~~$13.50	R
Underground (A04)	~~$12.00~~$13.50	~~$14.00~~$15.50	R
On Peak Period Energy Charge per kWh			
June - September	~~$0.20497~~$0.24909	~~$0.20497~~$0.24909	R
Other Months	~~$0.16508~~$0.20442	~~$0.09284~~$0.12449	R
Off Peak Period Energy Charge per kWh			
June - September	~~$0.04170~~$0.05496	~~$0.04170~~$0.05496	R
Other Months	~~$0.04170~~$0.05496	~~$0.04170~~$0.05496	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-3)

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

LOW INCOME ENERGY DISCOUNT
Energy discount is available to qualified low income customers under this schedule subject to the provisions contained in the Low Income Energy Discount Rider.

DEFINITION OF PEAK PERIODS
The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

OPTIONAL TRIAL SERVICE
Customers may elect time of day service for a trial period of three months. If a customer chooses to return to non-time of day service after the trial period, the customer will pay a charge of $20.00 for removal of time of day metering equipment.

(Continued on Sheet No. 5-4)

TERMS AND CONDITIONS OF SERVICE

1. Customer selecting the above time of day rate schedule will remain on this rate for a period of not less than 12 months, except as provided under Optional Trial Service. While served under this schedule, the Residential Service rate is not available.

2. This schedule is also subject to provisions contained in Rules for Application of Residential Rates.

3. Time of Day Metering Charge per Month Option (Closed): For any customer who prior to November 1, 1988, elected to pay a non-refundable payment of $310.00 in lieu of the time of day metering charge, the monthly customer charge is reduced by $2.00.

RESIDENTIAL TIME OF USE PILOT PROGRAM Section No. 5
SERVICE ~~1st~~2nd Revised Sheet No. 4.1
RATE CODE A72, A74

PILOT PROGRAM DESIGN
This is an experimental rate design for the residential Time of Use Pilot Program to be applied for two years from the effective date of this rate schedule. Participating customers will have received Residential Service without electric space heating prior to the Pilot, and may elect a return to the Residential Service rate schedule following the Pilot.

AVAILABILITY
A maximum of 10,000 customers will be selected to receive service with this rate schedule. The Company will determine pilot participants that receive service through the Hiawatha West, Midtown, or Westgate substations. Pilot participants will not include customers that are on net metering service or have other interconnected distributed generation on their premise, or customers that also receive Energy Controlled (Non-Demand Metered) Service, Residential Electric Vehicle Service, Limited Off-Peak Service, or customers that are medical equipment-dependent. Pilot participants may elect to opt out of participation in this Pilot for a specific premise.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Bill Protection may also apply. Details regarding the specific charges applicable to this service and Bill Protection are listed below.

RATE

Customer Charge per Month		
Overhead (A72)	~~$8.00~~$9.50	R
Underground (A74)	~~$10.00~~$11.50	R
Energy Charge per kWh		
June – September		
On-Peak Period	~~$0.22576~~$0.27031	R
Mid-Peak Period	~~$0.09013~~$0.11129	R
Off-Peak Period	~~$0.02784~~$0.03930	R
Other Months		
On-Peak Period	~~$0.19266~~$0.24054	R
Mid-Peak Period	~~$0.07515~~$0.09743	R
Off-Peak Period	~~$0.02784~~$0.03930	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

(Continued on Sheet No. 5-4.2)

RESOURCE ADJUSTMENT N
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

LOW INCOME ENERGY DISCOUNT
Energy discount is available to qualified low income customers under this schedule subject to the provisions contained in the Low Income Energy Discount Rider.

BILL PROTECTION
Billing charges considered for bill protection will include customer and energy charges, fuel cost charges and if applicable, the Residential Controlled Air Conditioning and Water Heating Rider discounts. Bill protection will be considered only for customers that have been pilot participants at the same residential location for 12 months from the effective date of this rate schedule, based on the first 12 months of participation in the pilot program. Any Pilot program billing charge in excess of 10 percent of the corresponding billing charge that would have been applied had the customer not been a pilot participant will be credited to the customer's account, including any applicable taxes. The bill protection in this paragraph will terminate after the first 12 months of participation in the pilot program.

Customers that have received LIHEAP assistance within the 12 months prior to participation in the pilot program will have bill protection determined monthly for the first 12 months of pilot participation for any billing charges in excess of the corresponding billing charge that would have been applied had the customer not been a pilot participant. This will be determined on a monthly basis for the first 12 months of pilot participation. For the second 12 months of pilot participation, the bill protection will continue to be provided for these LIHEAP assistance customers for billing charges in excess of 10 percent of the corresponding billing charge on an annual basis for the second 12 months of pilot participation. Customers that start to receive LIHEAP assistance after their participation in the pilot has begun will receive monthly bill protection up to the first 12 month anniversary of the pilot, and shall receive annual bill protection for the second 12 month period of the pilot. Customers who opt out or leave the pilot area will forego the annual protection otherwise offered for this second 12 month period. N

(Continued on Sheet No. 5-4.3)

DEFINITION OF PEAK PERIODS N

The On-Peak period is defined as those hours between 3:00 p.m. and 8:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The Mid-Peak period is defined as all hours not defined as On-Peak or Off-Peak periods. The Off-Peak period is defined as those hours between midnight (12:00 a.m.) and 6:00 a.m. every day.

RESIDENTIAL CONTROLLED AIR CONDITIONING AND WATER HEATING RIDER

Customers that received service with the Residential Controlled Air Conditioning and Water Heating Rider in combination with Residential Service prior to participation in the pilot will have a revised discount for Company controlled central air conditioning or electric water heating that is specific to the pilot program. The controlled air conditioning discount is a monthly $10 credit applied during the billing months of June through September. The controlled electric water heating discount is a monthly $2 credit during each billing month. Pilot customers will receive these revised credits in place of percent discounts and are subject to all other terms of the Residential Controlled Air Conditioning and Water Heating Rider.

TERMS AND CONDITIONS OF SERVICE

1. This schedule is also subject to provisions contained in Rules for Application of Residential Rates. N

RESIDENTIAL ELECTRIC VEHICLE SERVICE Section No. 5
RATE CODE A08 ~~19th~~20th Revised Sheet No. 5

AVAILABILITY
Available to residential customers for service only to electric vehicle loads including battery charging and accessory usage. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CHARACTER OF SERVICE
Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$4.95~~$5.50	R
On-Peak Period Energy Charge per kWh		
June - September	~~$0.20497~~$0.24909	R
Other Months	~~$0.16508~~$0.20442	R
Off-Peak Period Energy Charge per kWh	~~$0.04170~~$0.05496	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-6)

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS
The on-peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off-peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics.

COMMUNICATION COSTS
The Company will maintain separate accounting of the information, education, advertising and promotion costs associated with electric vehicles as provided in Minn. Stat. §216B.1614, subd.2, paragraph (c) 2 by deferring the costs to a tracker account, and will petition the Minnesota Public Utilities Commission to recover the qualifying costs.

TERMS AND CONDITIONS OF SERVICE

1. Residential Electric Vehicle Service shall be separately served and metered and must at no time be connected to facilities serving customer's other loads. Metering may be installed as a sub-meter behind the customer's main meter, in which case consumption under this rate schedule will be subtracted from the main meter for purposes of billing customer's non-Electric Vehicle electricity usage.
2. The customer shall supply, at no expense to the Company, a suitable location for meters and associated equipment used for billing. Installations must conform to the Company's specifications.
3. Company may require customer to provide access for Company-owned equipment for the recording and wireless communication of energy usage.
4. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditure for facilities necessary to serve this load which would not otherwise be required to serve customer's load.
5. This schedule is also subject to provisions contained in Rules for Application of Residential Rates.
6. ~~Customers that elect the Windsource program in calendar year 2015 for at least three (3) 100 kWh blocks or their entire usage on this schedule may receive a one-time $25 bill credit or gift card of the same value.~~ D D

RESIDENTIAL ELECTRIC VEHICLE PILOT SERVICE Section No. 5
RATE CODE A80, A81 ~~5th~~6th Revised Sheet No. 7

AVAILABILITY
Available while this Pilot Service is in effect to Residential Service customers for service only to electric vehicle loads including battery charging and accessory usage. Bundled service includes Company installed and provided charging equipment. Pre-Pay Option service is available to customers electing to pay Company for the installed cost of charging equipment prior to beginning service with this tariff. Customers electing Pre-Pay Option service are separately invoiced at the time of installation. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CONTRACT
Customers must contract for this service through an Electric Vehicle Pilot Electric Service Agreement with the Company. The initial contract period will normally be for 24 months.

CHARACTER OF SERVICE
Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and /or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month		
Bundled (A80)	$17.47	
Pre-Pay Option (A81)	$7.10	
On-Peak Period Energy Charge per kWh		
June - September	~~$0.20497~~$0.24909	R
Other Months	~~$0.16508~~$0.20442	R
Off-Peak Period Energy Charge per kWh	~~$0.04170~~$0.05496	R

PRE-PAY OPTION
The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

(Continued on Sheet No. 5-8)

FUEL CLAUSE N
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS
The on-peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off-peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics.

COMMUNICATION COSTS
The Company will maintain separate accounting of the information, education, advertising and promotion costs associated with electric vehicles as provided in Minn. Stat. §216B.1614, subd.2, paragraph (c) 2 by deferring the costs to a tracker account, and will petition the Minnesota Public Utilities Commission to recover the qualifying costs.

TERMS AND CONDITIONS OF SERVICE

1. Residential Electric Vehicle Pilot Service shall be served through wiring connected to customer’s single meter provided for Residential Service. Consumption under this rate schedule will be subtracted from the main meter for purposes of billing customer’s non-Electric Vehicle electricity usage.
2. The customer shall supply, at no expense to the Company, premises wiring and a suitable location for connection of charging and associated equipment.
3. Company may require customer to provide access for Company-owned equipment for the recording and wireless communication of energy usage.
4. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditure for facilities necessary to serve this load which would not otherwise be required to serve customer's load.
5. This schedule is also subject to provisions contained in Rules for Application of Residential Rates.
6. Customer must execute an Electric Vehicle Pilot Service Agreement with the Company. N

RESIDENTIAL ELECTRIC VEHICLE SUBSCRIPTION PILOT SERVICE
RATE CODE A82, A83

AVAILABILITY N

Available while this Pilot Service is in effect to Residential Service customers for service only to electric vehicle loads including battery charging and accessory usage. Bundled service includes Company installed and provided charging equipment. Pre-Pay Option service is available to customers electing to pay Company for the installed cost of charging equipment prior to beginning service with this tariff. Customers electing Pre-Pay Option service are separately invoiced at the time of installation. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CONTRACT

Customers must contract for this service through an Electric Vehicle Subscription Pilot Electric Service Agreement with the Company. The initial contract period will normally be for 24 months. Contract allows customers to participate with only one electric vehicle.

CHARACTER OF SERVICE

Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION

Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's Expected Average Electric Vehicle kWh Usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and /or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below. N

(Continued on Sheet No. 5-8.2)

RESIDENTIAL ELECTRIC VEHICLE SUBSCRIPTION PILOT SERVICE (Continued)
RATE CODE A82, A83

RATE ~~N~~

Customer Charge per Month

General System Energy	
Bundled (A82)	$43.63
Pre-Pay Option (A83)	$33.22
Renewable Energy (Windsource)	
Bundled (A82)	$46.15
Pre-Pay Option (A83)	$35.74

Excess On-Peak Period Energy Charge per kWh

June - September	~~$0.20497~~$0.24909	R
Other Months	~~$0.16508~~$0.20442	R

PRE-PAY OPTION

The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE

The monthly customer charge includes preset fuel charges for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT

The monthly customer charge includes a preset Resource Adjustment charge for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE

Customer Charge.

SURCHARGE

In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE

Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5. ~~N~~

(Continued on Sheet No. 5-8.3)

DEFINITION OF PEAK PERIODS
The on-peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off-peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics. N

DEFINITION OF EXPECTED AVERAGE ELECTRIC VEHICLE KWH USAGE
The expected average electric vehicle kWh usage is defined as the Company's estimated average monthly EV energy consumption across all pilot participants.

COMMUNICATION COSTS
The Company will maintain separate accounting of the information, education, advertising and promotion costs associated with electric vehicles as provided in Minn. Stat. §216B.1614, subd.2, paragraph (c) 2 by deferring the costs to a tracker account, and will petition the Minnesota Public Utilities Commission to recover the qualifying costs.

TERMS AND CONDITIONS OF SERVICE
1. Residential Electric Vehicle Subscription Pilot Service shall be served through wiring connected to customer's single meter provided for Residential Service. Consumption under this rate schedule will be subtracted from the main meter for purposes of billing customer's non-Electric Vehicle electricity usage.
2. The customer shall supply, at no expense to the Company, premises wiring and a suitable location for connection of charging and associated equipment.
3. Company may require customer to provide access for Company-owned equipment for the recording and wireless communication of energy usage.
4. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditure for facilities necessary to serve this load which would not otherwise be required to serve customer's load.
5. This schedule is also subject to provisions contained in Rules for Application of Residential Rates.
6. Customer must execute an Electric Vehicle Subscription Pilot Service Agreement with the Company. N

ENERGY CONTROLLED SERVICE
(NON-DEMAND METERED)
RATE CODE A05

Section No. 5
~~30th~~31st Revised Sheet No. 9

AVAILABILITY
Available to residential and commercial customers with permanently connected interruptible loads of up to 50 kW that would be under Company control. The types of loads served would include dual fuel space heating, water heating, and other loads subject to Company approval.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Residential	Commercial & Industrial	
Customer Charge	~~$4.95~~$5.50	~~$4.95~~$5.50	R
Energy Charge per kWh	~~$0.04487~~$0.06386	~~$0.04487~~$0.06386	R
Optional			
June - September	~~$0.10301~~$0.12823	~~$0.09256~~$0.11226	R
Other Months	~~$0.04487~~$0.06386	~~$0.04487~~$0.06386	R

OPTIONAL ENERGY CHARGE
This option is available to customers with heat pump installations for non-interruptible service during June through September billing months.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-10)

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

TERMS AND CONDITIONS OF SERVICE

1. The controllable load shall be permanently wired, separately served and metered, and at no time connected to facilities serving customer's firm load.

2. The duration and frequency of interruptions shall be at the discretion of Company. Interruption will normally occur at such times:
   a. When Company is required to use generation equipment or to purchase power that results in production costs in excess of $70 per MWh,
   b. When Company expects to establish an annual system peak demand, or
   c. At such times when, in Company's opinion, the reliability of the system is endangered.

3. Customer selecting Energy Controlled Service (Non-Demand Metered) must have a Company approved electric space heating system and must remain on this service for a minimum term of one year.

4. Customer selecting Energy Controlled Service (Non-Demand Metered) must be prepared for interruptions that will last longer than 12 hours per occurrence. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

5. Electricity must be the primary source of energy for dual fuel space heating installations. Customer must have available alternative energy sources capable of supplying up to 30% of the annual heating needs during any heating season.

6. Customer's water heating system served under this rate must be designed and sized to be capable of providing customer's hot water needs for the full duration of the potential interruption periods.

(Continued on Sheet No. 5-10.1)

7. Customer must furnish and install an NSP approved electric meter socket to accept Energy Controlled Service (Non-Demand Metered). Company reserves the right to inspect and approve the installation.

8. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditures for facilities necessary to serve this load which would not otherwise be required to serve customer's load.

LIMITED OFF PEAK SERVICE Section No. 5
RATE CODE A06 ~~33rd~~34th Revised Sheet No. 11

AVAILABILITY
Available to any customers for controlled loads that will be energized only for the time period between 10:00 p.m. to 6:30 a.m. daily.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Residential	Commercial & Industrial	
Customer Charge per Month			
Secondary Voltage			
Single Phase	~~$4.95~~$5.50	~~$10.00~~$11.00	R
Three Phase	--	~~$13.60~~$15.00	R
Primary Voltage	--	$60.00	
Transmission Transformed	--	$60.00	
Transmission	--	$60.00	
Energy Charge per kWh			
Secondary Voltage	~~$0.03665~~$0.04981	~~$0.03665~~$0.04981	R
Primary Voltage	--	~~$0.03560~~$0.04854	R
Transmission Transformed	--	~~$0.03398~~$0.04679	R
Transmission	--	~~$0.03388~~$0.04668	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-11.1)

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider.

(Continued on Sheet No. 5-12)

MONTHLY MINIMUM CHARGE
For all customers, the minimum charge shall be the applicable customer charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

TERMS AND CONDITIONS OF SERVICE

1. Limited Off Peak Service shall be separately served and metered and must at no time be connected to facilities serving customer's other loads.

2. Company will not be liable for any loss or damage caused by or resulting from any interruption of service.

3. Customer selecting Limited Off Peak Service must remain on this service for a minimum term of one year, unless customer transfers to another interruptible service rate.

4. Customer has the option of directly controlling own load or allowing Company load control. If customer chooses Company load control, customer must:
   a. Provide a load-break switch or circuit breaker equipped with electronic trip and close circuits allowing for remote operation of customer's switch or circuit breaker by Company,
   b. Wire the trip and close circuits into a connection point designated by Company to allow installation of remote control equipment by Company, and
   c. Provide a continuous 120 volt AC power source at the connection point for operation of Company's remote control equipment.

5. A charge of ~~$0.360~~$0.421 per kWh shall be applied to non-authorized energy used outside of the energized time period specified in this tariff. If this energy use occurs during three or more billing months, the Company reserves the right to remove customer from Limited Off Peak Service. R

6. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditures for facilities necessary to serve this load which would not otherwise be required to serve customer's load.

1. The Residential Service, Residential Time of Day Service and Residential Time of Use Pilot Program are the only rates available to residential customers for domestic purposes in a single private residence. Energy Controlled Service (Non-Demand Metered), Limited Off Peak Service, Residential Electric Vehicle Service, Residential Electric Vehicle Pilot Service, Residential Electric Vehicle Subscription Pilot Service and Automatic Protective Lighting Service rate schedules are also available to qualifying residential customers. N

2. Normal service under the Residential Service, Residential Time of Day Service and Residential Time of Use Pilot Program rate schedules is single phase service rendered through one meter. Three phase service or service through more than one meter will be provided upon a one-time payment of an amount to reimburse Company for the additional investment. If customer is served through more than one meter, each meter will be separately billed.

3. Electric space heating charges are applicable only when customer's electric space heating equipment is used as customer's primary heating source.

4. Underground service charges will apply where the underground facilities are owned by Company, and Company has not been fully reimbursed for the added cost of such underground facilities.

5. Standby and Supplementary Service is available for any residential customer subject to the provisions in the General Rules and Regulations, Section 2.4. The Company's meter will be ratcheted to measure the flow of power and energy from Company to customer only.

6. A customer using electric service for domestic and non-domestic purposes jointly may combine such use through one meter on such rates as are available to general service customers.

7. The Residential Service and Residential Time of Day Service rate schedules are available to farm installations which were served on the separate Farm Service rate schedule prior to its cancellation on November 1, 1988. Residential Service and Residential Time of Day Service to these qualifying farm customers is limited to 120/240 volts single phase service rendered through one meter. Motors and other equipment which interfere with service to neighboring customers and all transformer type welding machines larger than 25 kilovolt-amperes are not permitted as part of this service.

AUTOMATIC PROTECTIVE LIGHTING SERVICE Section No. 5
RATE CODE A07 ~~24th~~25th Revised Sheet No. 14

AVAILABILITY
Available to all types of customers except for municipal street lighting purposes.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp (Lumens)	Monthly Rate Per Unit	~~N~~
Area Units		
100W High Pressure Sodium	~~$7.41~~$9.21	R
175W Mercury (1)	~~$7.41~~$9.21	R
250W High Pressure Sodium	~~$11.83~~$14.89	R
400W Mercury (1)	~~$11.83~~$14.89	R
30-45W Light Emitting Diode (4,000)	~~$7.28~~$8.91	~~N~~R
110-165W Light Emitting Diode (14,000)	~~$11.33~~$14.00	~~N~~R
Directional Units		
250W High Pressure Sodium	~~$14.08~~$17.05	R
400W High Pressure Sodium	~~$17.62~~$21.49	R
1,000W Mercury (1)	~~$27.33~~$28.32	R

(1) Available to existing installations only.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

SERVICE INCLUDED IN RATE
Company shall own, operate, and maintain the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets, and all necessary wiring. Company shall furnish all electric energy required for operation of the unit.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

(Continued on Sheet No. 5-15)

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

TERM OF AGREEMENT
Agreement shall be for a term of three years. If not then terminated by at least 30 days' written notice by either party, the agreement shall continue until so terminated.

TERMS AND CONDITIONS OF SERVICE

1. Service available subject to the provisions for Automatic Protective Lighting Service of the General Rules and Regulations, Section 5.4.

2. The lamp shall be lighted and extinguished by a photoelectric control furnished by the Company. The hours of burning shall be from approximately one-half hour after sunset until one-half hour before sunrise, every night.

3. If illumination of a lamp is interrupted and said illumination is not resumed within 72 hours from the time Company receives notice thereof from customer, one-thirtieth of the monthly compensation for such unit shall be deducted for each night of non-illumination after such notice is received.

4. Company reserves the right to discontinue service if equipment is abused.

5. Company will convert mercury vapor lighting units to high pressure sodium upon failure of the mercury vapor ballast.

AVAILABILITY
Standard service (i.e., alternating current) is available to any non-residential customer for single or three phase electric service. Direct Current service is only available in Minneapolis and St. Paul to the extent now used.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Unmetered (A09)	~~$8.00~~$9.50	R
– Metered (A10)	~~$10.00~~$11.50	R
– Water Heating (A11)	$0.00	
– Direct Current (A13)	~~$10.00~~$11.50	R
Energy Charge per kWh		
June - September	~~$0.09256~~$0.11226	R
Other Months	~~$0.07757~~$0.09540	R
Demand Charge (Direct Current Only) per Month per kW of Connected Load	~~$3.61~~$3.95	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-22)

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge, or Customer Charge plus Demand Charge if served at Direct Current.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills ~~in rate codes A09, A10, and A11~~ are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider. C

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

TERMS AND CONDITIONS OF SERVICE FOR ALTERNATING CURRENT CUSTOMERS
Company shall install a demand meter for a customer when:
1. Customer's connected load is estimated to be 20 kW or greater,
2. Customer is served single phase and has a service entrance capacity greater than 200 amperes,
3. Customer is served three phase at 120/208 or 120/240 volts and has a service entrance capacity greater than 200 amperes,
4. Customer is served three phase at 240/480 or 277/480 volts and has a service entrance capacity greater than 100 amperes, or
5. Customer's average monthly kWh use for four consecutive months exceeds 3,500 kWh.

If a demand meter is installed in accordance with the above, the customer may remain on the Small General Service schedule as long as customer's maximum demand is less than 25 kW. When the customer achieves an actual maximum demand of 25 kW or greater, the customer will be placed on the General Service schedule in the next billing month. A customer with a billing demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small General Service schedule.

DETERMINATION OF CONNECTED LOAD FOR DIRECT CURRENT SERVICE
The nameplate rating shall be the basis of determining the connected load and shall be assumed to be one kW for each hp of nameplate rating. In any case, where there is reasonable doubt as to correctness of manufacturer's rating or where insufficient or no rating exists, the Company may fix the rating by test. For billing purposes, the demand shall be rounded to the nearest 0.1 kW.

SMALL GENERAL TIME OF DAY SERVICE Section No. 5
RATE CODE A12, A16, A18, A22 ~~31st~~32nd Revised Sheet No. 23

AVAILABILITY
Available to any non-residential customer for single or three phase electric service supplied through one meter.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Time Of Day Metered (A12)	~~$12.00~~$13.50	R
– kWh Metered (A16)	~~$10.00~~$11.50	R
– Unmetered (A18)	~~$8.00~~$9.50	R
– Low Wattage (A22)	(Please see page 5-24.1)	

Energy Charge per kWh	Oct-May	Jun-Sep	
On Peak Period (A12)	~~$0.11723~~$0.14154	~~$0.14880~~$0.17767	R
Off Peak Period (A12)	~~$0.04170~~$0.05496	~~$0.04170~~$0.05496	R
Constant Hourly (A16, A18, A22) (= 35% On, 65% Off)	~~$0.06814~~$0.08526	~~$0.07919~~$0.09791	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

(Continued on Sheet No. 5-24)

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

REVENUE DECOUPLING MECHANISM RIDER
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS
The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

OPTIONAL TRIAL SERVICE
Customers may elect time of day service for a trial period of three months. If a customer chooses to return to non-time of day service after the trial period, the customer will pay a charge of $25.00 for removal of time of day metering equipment.

TERMS AND CONDITIONS OF SERVICE

1. Customer selecting the above time of day rate schedule will remain on this rate for a period of not less than 12 months. While served under this schedule, the Small General Service rate is unavailable.

2. Company shall install a demand meter for a customer when:
   a. Customer's connected load is estimated to be 20 kW or greater,
   b. Customer is served single phase and has a service entrance capacity greater than 200 amperes,
   c. Customer is served three phase at 120/208 or 120/240 volts and has a service entrance capacity greater than 200 amperes,
   d. Customer is served three phase at 240/480 or 277/480 volts and has a service entrance capacity greater than 100 amperes, or
   e. Customer's average monthly kWh use for four consecutive months exceeds 3,500 kWh.

   If a demand meter is installed in accordance with the above, the customer may remain on the Small General Time of Day Service schedule as long as customer's maximum demand is less than 25 kW. When the customer achieves an actual maximum demand of 25 kW or greater, the customer will be placed on the General Time of Day Service schedule in the next billing month. A customer with a billing

(Continued on Sheet No. 24.1)

TERMS AND CONDITIONS OF SERVICE (Continued)

demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small General Time of Day Service schedule.

3. Optional Metering Service: Optional metering is available subject to the provisions in the General Rules and Regulations, Section 1.5, for the following applications:

   a. Kilowatt-hour Metered Service: For applications where a non-time of day meter is used, the time of day metering charge will be waived and the applicable lower monthly Customer Charge shall apply.

   b. Unmetered Service: For applications where no metering is installed, the applicable lower monthly Customer Charge shall apply. If requested by Company, the customer agrees to receive one or more combined bills for all their unmetered service locations. For purposes of applying the appropriate customer service charge, one customer service charge shall be applied for every point of delivery. A point of delivery shall be any location where a meter would otherwise be required under this schedule.

   c. Low Wattage Unmetered Service: For applications where customer owns and operates multiple electronic devices in at least 500 locations within Company's Minnesota electric service area. Such electronic devices are: 1) individually located at each point of delivery, 2) rated at less than 400 Watts, and 3) operated with a continuous and constant load level year round. Each individual electronic device must not in any way interfere with Company operations and service to adjacent customers. This optional metering service is not applicable to electric service for traffic signals, civil defense, or lighting. Company reserves the right to evaluate customer requests for this optional metering service to determine eligibility.

      The monthly fixed charge under this optional metering service shall be ~~$0.30~~$0.33 per device for R
      devices with a rating of 100 Watts or less. For devices with a rating over 100 Watts but less than 400
      Watts, the monthly fixed charge shall be ~~$1.20~~$1.32 per device. R

      In place of metered usage for each device, customer will be billed for the predetermined energy usage in kWh per device. The energy charge shall equal the sum of the predetermined energy usage for customer's low wattage devices in service for the billing month multiplied by the Constant Hourly Energy Charge applicable for the billing month.

      Customer shall contract for this optional metering service through an electric service agreement with Company.

AVAILABILITY
Available to any non-residential customer for general service where customer is not required to be on a time-of-day rate schedule. Once the customer's 15-minute measured demands are equal to or greater than 1,000 kW for at least 4 of the past 12 consecutive months, the customer will be transferred to the General Time of Day service.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$25.64~~$25.98		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW	~~$10.49~~$12.91	~~$14.79~~$17.51	R
Energy Charge per kWh	~~$0.03407~~$0.04697		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	~~$0.01518~~$0.01753		R

	January ~~–~~ December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00127	R
Transmission Transformed Voltage	~~$1.55~~$1.75	~~$0.00267~~$0.00302	R
Transmission Voltage	~~$2.35~~$2.50	~~$0.00277~~$0.00313	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-27)

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DETERMINATION OF DEMAND
The adjusted demand in kW for billing purposes shall be determined by dividing the maximum actual demand in kW by the power factor expressed in percent but not more than a 90% power factor and multiplying the quotient so obtained by 90% and rounding to the nearest whole kW. In no month shall the demand to be billed be considered as less than current month's adjusted demand in kW or 50% of the greatest monthly adjusted demand in kW during the preceding 11 months. In no month shall the billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 100 hours per month.

The greatest monthly adjusted demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

MAXIMUM DEMAND
The maximum actual demand in kW shall be the greatest 15 minute load during the month for which bill is rendered.

POWER FACTOR
For three phase customers with services above 200 amperes or above 480 volts, the power factor for the month shall be determined by permanently installed metering equipment. For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed.

(Continued on Sheet No. 5-28)

OFF SEASON LOAD SERVICE
The optional Off Season Load Service is available under this schedule subject to the provisions contained in the Off Season Load Rider.

STANDBY SERVICE
Standby Service and Supplemental Generation Service are available under this schedule subject to the provisions contained in the Standby Service Rider or Supplemental Generation Service Rider.

COMPETITIVE SERVICE
Competitive Service is available under this schedule subject to the provisions contained in the Competitive Response Rider.

MINIMUM DEMAND TO BE BILLED
The monthly minimum billing demand shall not be less than provided above.

SPLIT SERVICE
When approved by Company, customer's service may be split between General Service and General Time of Day Service rates. Only Company approved storage space cooling and storage space heating equipment qualifies for the General Time of Day Service portion of a split service installation. The thermal storage equipment shall be permanently wired, separately served and metered, and at no time connected to the general service portion of the split service installation. Each portion of customer's split service installation will be considered separately for all other rate application purposes.

(Continued on Sheet No. 28.1)

TERMS AND CONDITIONS OF SERVICE

1. Alternating current service is provided at the following nominal voltage:
   a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts,
   b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts,
   c. Transmission Transformed Voltage: Three phase from 2,400 volts up to but not including 69,000 volts, where service is provided at the Company's disconnecting means of a distribution substation transformer, or
   d. Transmission Voltage: Three phase at 69,000 volts or higher.

   Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.

3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1(B).

4. Customer selecting General Service will remain on this rate for a period of not less than 12 months.

5. If a customer has a billing demand of less than 25 kW for 12 consecutive months, the customer will be given the option of returning to the Small General Service schedule.

GENERAL TIME OF DAY SERVICE
RATE CODE A15, A17, A19

AVAILABILITY-MANDATORY

Effective November 1, 2007, this rate schedule is mandatory for any non-residential customer for general service having a 15-minute measured demand equal to or greater than 1,000 kW for at least 4 of the past 12 consecutive months. Customer will remain on this rate schedule on a mandatory basis unless their demand remains below 1,000 kW for 12 consecutive months.

AVAILABILITY-OPTIONAL

This rate schedule is optional for any non-residential customer for general service where customer is not required to be on a time-of-day rate.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Time Of Day Metered (A15)	~~$29.64~~$29.98		R
-- kWh Metered (A17)	~~$25.64~~$25.98		R
-- Unmetered (A19)	~~$21.64~~$21.98		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW			
On Peak Period Demand	~~$10.49~~$12.91	~~$14.79~~$17.51	R
Off Peak Period Demand in Excess of On Peak Period Demand	~~$2.35~~$2.50	~~$2.35~~$2.50	R
Energy Charge per kWh			
On Peak Period Energy	~~$0.04855~~$0.06771		R
Off Peak Period Energy	~~$0.02341~~$0.03194		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the On Peak Period Billing Demand, Not to Exceed 50% of Total kWh	~~$0.01518~~$0.01753		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00127	R
Transmission Transformed Voltage	~~$1.55~~$1.75	~~$0.00267~~$0.00302	R
Transmission Voltage	~~$2.35~~$2.50	~~$0.00277~~$0.00313	R

(Continued on Sheet No. 5-30)

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS
The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

(Continued on Sheet No. 5-31)

DETERMINATION OF ON PEAK PERIOD DEMAND

The actual on peak period demand in kW shall be the greatest 15-minute load for the on peak period during the month for which the bill is rendered. The adjusted demand in kW for billing purposes shall be determined by dividing the actual on peak demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW. In no month shall the on peak period demand to be billed be considered as less than the current month's adjusted on peak period demand in kW, or 50% of the greatest monthly adjusted on peak period demand in kW during the preceding 11 months. In no month shall the on peak billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 100 hours per month.

The greatest monthly adjusted on peak period demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

DETERMINATION OF OFF PEAK PERIOD DEMAND IN EXCESS OF ON PEAK PERIOD DEMAND

The actual off peak period demand in kilowatts shall be the greatest 15-minute load for the off peak period during the month for which the bill is rendered rounded to the nearest whole kW. In no month shall the off peak period demand for billing purposes be considered as less than the current month's actual off peak period demand in kW, or 50% of the greatest monthly actual off peak period demand in kW during the preceding 11 months.

The greatest monthly adjusted off peak period demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

The off peak period demand in excess of on peak period demand in kW to be billed shall be determined by subtracting the billing on peak period demand from the actual off peak period demand as defined above only the off peak period demand is greater.

POWER FACTOR

For three phase customers with services above 200 amperes, or above 480 volts, the power factor for the month shall be determined by permanently installed metering equipment. For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed.

(Continued on Sheet No. 5-32)

COMPETITIVE SERVICE
Competitive Service is available under this schedule subject to the provisions contained in the Competitive Response Rider.

STANDBY SERVICE
Standby Service is available under this schedule subject to the provisions contained in the Standby Service Rider.

MINIMUM DEMAND TO BE BILLED
The monthly minimum on peak period billing demand shall not be less than provided above.

SPLIT SERVICE
When approved by Company, customer's service may be split between General Service and General Time of Day Service rates. Only Company approved storage space cooling and storage space heating equipment qualifies for the General Time of Day Service portion of a split service installation. The thermal storage equipment shall be permanently wired, separately served and metered, and at no time connected to the general service portion of the split service installation. Each portion of customer's split service installation will be considered separately for all other rate application purposes.

OPTIONAL TRIAL SERVICE
Customers may elect time of day service for a trial period of three months. If a customer chooses to return to non-time of day service after the trial period, the customer will pay a charge of $35.00 for removal of time of day metering equipment.

TERMS AND CONDITIONS OF SERVICE
1. Alternating current service is provided at the following nominal voltages:
   a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts,
   b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts,
   c. Transmission Transformed Voltage: Three phase from 2,400 volts up to but not including 69,000 volts, where service is provided at the Company's disconnecting means of a distribution substation transformer, or
   d. Transmission Voltage: Three phase at 69,000 volts or higher.

   Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

(Continued on Sheet No. 5-32.1)

TERMS AND CONDITIONS OF SERVICE (Continued)

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.

3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1(B).

4. Customer selecting the above time of day rate schedule will remain on this rate for a period of not less than 12 months.

5. If a customer has a billing demand of less than 25 kW for 12 consecutive months, the customer will be given the option of returning to the Small General Time of Day Service schedule.

6. Optional Metering Service: Optional metering is available subject to the provisions in the General Rules and Regulations, Section 1.5, for the following applications:
   a. Kilowatt-hour Metered Service: For applications where a non-time of day meter is used, the time of day metering charge will be waived and the applicable lower monthly Customer Charge shall apply.
   b. Unmetered Service: This rate is for applications where no metering is installed and the applicable lower monthly Customer Charge shall apply. If requested by Company, the customer agrees to receive one or more combined bills for all their unmetered service locations. For purposes of applying the appropriate customer service charge, one customer service charge shall be applied for every point of delivery. A point of delivery shall be any location where a meter would otherwise be required under this schedule.

PEAK CONTROLLED SERVICE Section No. 5
RATE CODE A23 ~~22nd~~23rd Revised Sheet No. 40

AVAILABILITY

Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company and where customer is not required to be on a time-of-day rate schedule. Once the customer's total 15-minute measured demands (Firm plus Controllable) are equal to or greater than 1000 kW for at least 4 of the past 12 consecutive months, the customer will be transferred to the Peak Controlled Time of Day service. Availability is restricted to customers with a minimum Controllable demand of 50 kW.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$55.00~~$60.00		R
Service at Secondary Voltage			
Energy Charge per kWh	~~$0.03407~~$0.04697		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours	~~$0.01518~~$0.01753		R
Times the Sum of All Billing Demands			
Demand Charge per Month per kW	Tier 1	Tier 2	
Firm Demand			
June - September	~~$14.79~~$17.51	~~$14.79~~$17.51	R
Other Months	~~$10.49~~$12.91	~~$10.49~~$12.91	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	~~$8.88~~$11.31	R
Level B: ≥ 65% and < 85% PF	~~$7.15~~$9.44	~~$7.86~~$10.18	R
Level C: ≥ 85% PF	~~$6.56~~$7.92~~8.82~~	~~$7.34~~$9.64	R
Short Notice Rider	~~$6.09~~$7.42~~8.32~~	Not Available	R

	January – December		
Voltage Discounts per Month	Per Kw	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00127	R
Transmission Transformed Voltage	~~$1.55~~$1.75	~~$0.00267~~$0.00302	R
Transmission Voltage	~~$2.35~~$2.50	~~$0.00277~~$0.00313	R

(Continued on Sheet No. 5-41)

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In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PERFORMANCE FACTOR (PF)
Performance factor is defined in percentage terms as the average of the July and August calendar month unadjusted maximum Controllable Demand occurring from 1:00 p.m. to 7:00 p.m. on weekdays, or which has been permanently shifted out of normal control period times, divided by the unadjusted maximum annual Controllable Demand. Customers claiming permanent load shifts must provide verification to Company, based on NSP's established criteria.

DETERMINATION OF DEMAND
Maximum Actual Demand in kW shall be the greatest 15-minute load during the billing month.

Adjusted Demand in kW for billing purposes shall be determined by dividing the Maximum Actual Demand in kW by the power factor expressed in percent but not more than a 90% power factor and multiplying the quotient so obtained by 90% and rounding to the nearest whole kW.

(Continued on Sheet No. 5-42)

DETERMINATION OF DEMAND (Continued)

Predetermined Demand shall be specified and agreed to by the customer and Company. Customer's Adjusted Demand must not exceed the Predetermined Demand Level (PDL) during a control period.

Standard PDL customers must agree to a fixed demand level and limit load to that level during a control period.

Optional PDL customers must agree to reduce demand by a fixed amount during a control period. Customer's Firm Demand will vary from month-to-month while the Controllable Demand remains fixed each month. The Firm Demand will be the Adjusted Demand (based on the Maximum Actual Demand for the month) less the fixed amount of Controllable Demand. Customer's PDL will be the monthly adjusted demand less the fixed load reduction. Customers selecting the Optional PDL must either be equipped with back-up generation to provide the fixed load reduction or have a specific load that can be separately sub-metered and has an annual load factor of 90% or greater.

Firm Demand for the billing month shall be the lesser of Predetermined Demand or Adjusted Demand, except in months when customer fails to control load to Predetermined Demand Level when requested by Company. In these months, Firm Demand shall be the adjusted demand established during the control period. For optional PDL customers, Firm Demand shall be Adjusted Demand less Controllable Demand, except in months when customer fails to control the full amount of their fixed Controllable Demand. In these months the Firm Demand shall be the Adjusted Demand less the amount of Demand that was controlled as shown by meter measurement.

Controllable Demand shall be the difference between Adjusted Demand during the billing month and the greater of Predetermined Demand or Firm Demand, but never less than zero.

Minimum Demand to be billed each month as either Firm Demand, Controllable Demand or a combination of both shall not be less than the current month's adjusted demand in kW.

POWER FACTOR

The power factor for the month shall be determined by permanently installed metering equipment.

ANNUAL MINIMUM DEMAND CHARGE

The Annual Minimum Demand Charge shall be no less than six times the average monthly Firm Demand Charge per kW times the maximum Predetermined Demand, plus six times the Controllable Demand Charge per kW times the maximum Controllable Demand.

(Continued on Sheet No. 5-43)

TIER 1 PEAK CONTROLLED SHORT NOTICE
Tier 1 Peak Controlled Short Notice is available under this schedule subject to the provisions contained in the Tier 1 Peak Controlled Short Notice Rider.

COMPETITIVE SERVICE
Competitive Service is available under this schedule subject to the provisions contained in the Competitive Response Rider.

OTHER PROVISIONS
Peak Controlled Service is also subject to provisions contained in Rules for Application of Peak Controlled Services.

TERMS AND CONDITIONS OF SERVICE

1. Alternating current service is provided at the following nominal voltages:
   a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts,
   b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts,
   c. Transmission Transformed Voltage: Three phase from 2,400 volts up to but not including 69,000 volts, where service is provided at the Company's disconnecting means of a distribution substation transformer, or
   d. Transmission Voltage: Three phase at 69,000 volts or higher.

   Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.

3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1(B).

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
RATE CODE A24 ~~17th~~18th Revised Sheet No. 44

AVAILABILITY
Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company. Availability is restricted to customers with a minimum controllable demand of 50 kW.

AVAILABILITY-MANDATORY
Effective November 1, 2007, this rate schedule is mandatory for any Peak Controlled customer having a 15-minute measured demand equal to or greater than 1000 kW for at least 4 of the past 12 consecutive months. Customer will remain on this rate schedule on a mandatory basis unless their demand remains below 1000 kW for 12 consecutive months.

AVAILABILITY-OPTIONAL
This rate schedule is optional for any non-residential customer for general service where customer is not required to be on a time-of-day rate.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$55.00~~$60.00	R
Service at Secondary Voltage		
Energy Charge per kWh		
On Peak Period Energy	~~$0.04855~~$0.06771	R
Off Peak Period Energy	~~$0.02341~~$0.03194	R
Energy Charge Credit per Month per kWh		
All kWh in Excess of 400 Hours Times the Sum of All On Peak Period Billing Demands, Not to Exceed 50% of Total kWh	~~$0.01518~~$0.01753	R

(Continued on Sheet No. 5-45)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
(Continued) ~~25th~~26th Revised Sheet No. 45
RATE CODE A24

RATE (Continued)

Demand Charge per Month per kW	Tier 1	Tier 2	
On Peak Period Demand			
Firm Demand			
June - September	~~$14.79~~$17.51	~~$14.79~~$17.51	R
Other Months	~~$10.49~~$12.91	~~$10.49~~$12.91	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	~~$8.88~~$11.31	R
Level B: ≥ 65% and < 85% PF	~~$7.15~~$9.44	~~$7.86~~$10.18	R
Level C: ≥ 85% PF	~~$6.56~~$8.82	~~$7.34~~$9.64	R
Short Notice Rider	~~$6.09~~$8.32	Not Available	R
Off Peak Period Demand in Excess of On Peak Period Demand (Jan-Dec)	~~$2.35~~$2.50	~~$2.35~~$2.50	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00127	R
Transmission Transformed Voltage	~~$1.55~~$1.75	~~$0.00267~~$0.00302	R
Transmission Voltage	~~$2.35~~$2.50	~~$0.00277~~$0.00313	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 5-46)

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS
The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

DEFINITION OF PERFORMANCE FACTOR (PF)
Performance factor is defined in percentage terms as the average of the July and August calendar month unadjusted maximum Controllable Demand occurring from 1 p.m. to 7 p.m. on weekdays, or which has been permanently shifted out of normal control period times, divided by the unadjusted maximum annual Controllable Demand. Customers claiming permanent load shifts must provide verification to Company, based on NSP established criteria.

DETERMINATION OF DEMAND
Maximum Actual On Peak Period Demand in kW shall be the greatest 15-minute load for the on peak period during the billing month.

Adjusted On Peak Period Demand in kW for billing purposes shall be determined by dividing the Maximum Actual on peak demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW.

Maximum Actual Off Peak Period Demand in kW shall be the greatest 15-minute load for the off peak period during the billing month rounded to the nearest whole kW. In no month shall the off peak period demand for billing purposes be considered as less than the current month's actual off peak period demand in kW.

Off Peak Period Demand in Excess of On Peak Period Demand in kW to be billed shall be determined by subtracting the billing on peak period demand from the actual off peak period demand only if the off peak period demand is greater.

(Continued on Sheet No. 5-47)

Predetermined Demand shall be specified and agreed to by the customer and Company. Customer's adjusted on peak demand must not exceed the predetermined demand level (PDL) during a control period.

Standard PDL customers must agree to a fixed demand level and limit load to that level during a control period.

Optional PDL customers must agree to reduce demand by a fixed amount during a control period. Customer's Firm Demand will vary from month-to-month while the Controllable Demand remains fixed each month. The Firm Demand will be the Adjusted Demand (based on the Maximum Actual Demand for the month) less the fixed amount of Controllable Demand. Customer's PDL will be the monthly adjusted on peak demand less the fixed load reduction. Customers selecting the Optional PDL must either be equipped with back-up generation to provide the fixed load reduction or have a specific load than can be separately sub-metered and has an annual load factor of 90% or greater.

Firm Demand for the billing month shall be the lesser of Predetermined Demand or Adjusted on Peak Period Demand, except in months when customer fails to control load to Predetermined Demand Level when requested by Company. In these months, Firm Demand shall be the adjusted on peak period demand established during the control period. For Optional PDL customers, Firm Demand shall be Adjusted On Peak Demand less Controllable Demand, except in months when customer fails to control the full amount of their fixed Controllable Demand, In the months the Firm Demand shall be the Adjusted On Peak Period Demand less the amount of Demand that was controlled as shown by meter measurement.

Controllable Demand shall be the difference between Adjusted on Peak Period Demand during the billing month and the greater of Predetermined Demand or firm demand, but never less than zero.

Minimum On Peak Demand to be billed each month as either Firm Demand Controllable Demand or combination of both shall not be less than the current month's Adjusted on Peak Period Demand in kW.

POWER FACTOR
The power factor for the month shall be determined by permanently installed metering equipment.

ANNUAL MINIMUM DEMAND CHARGE
The Annual Minimum Demand Charge shall be no less than six times the average monthly Firm Demand Charge per kW times the predetermined demand, plus six times the Controllable Demand Charge per kW times the maximum Controllable Demand.

(Continued on Sheet No. 47.1)

TIER 1 ENERGY CONTROLLED SERVICE
Tier 1 Energy Controlled Service is available under this schedule subject to the provisions contained in the Tier 1 Energy Controlled Service Rider.

TIER 1 PEAK CONTROLLED SHORT NOTICE
Tier 1 Peak Controlled Short Notice option is available under this schedule subject to the provisions contained in the Tier 1 Peak Controlled Short Notice Rider.

COMPETITIVE SERVICE
Competitive Service is available under this schedule subject to the provisions contained in the Competitive Response Rider.

OTHER PROVISIONS
Peak Controlled Time of Day Service is also subject to provisions contained in Rules for Application of Peak Controlled Services.

TERMS AND CONDITIONS OF SERVICE

1. Alternating current service is provided at the following nominal voltages:
   a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts,
   b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts,
   c. Transmission Transformed Voltage: Three phase from 2,400 volts up to but not including 69,000 volts, where service is provided at the Company's disconnecting means of a distribution substation transformer, or
   d. Transmission Voltage: Three phase at 69,000 volts or higher.

   Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.

3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1(B).

1. Customer has the responsibility of controlling own load to Predetermined Demand Level.

2. Customer must allow Company to inspect and approve the load control installation and equipment provided by customer.

3. If controlled demand is 10,000 kW or larger, Company may require customer to:
   a. Provide auxiliary contacts for remote indication of position of switch or circuit breaker used to control demand and wire auxiliary contacts into a connection point designated by Company,
   b. Install the remote breaker indication equipment provided by Company, and
   c. Provide a continuous 120 volt AC power source at the connection point for operation of the Company remote breaker indication equipment.

4. Customer must provide reliable contact information for the purpose of receiving control period notifications. N

~~4.~~5. Company will endeavor to give customer one hour notice of commencement of control period, and as much additional notice as is practical. However, control period may be commenced without notice should Company determine such action is necessary. T

~~5.~~6. Failure to Control Charge: An additional charge of $8.00 ($10.00 for Tier 1) per kW will apply during each Company specified control period to the amount by which customer's Maximum Adjusted Demand or Maximum Adjusted On Peak Period Demand exceeds their predetermined demand level. After three such customer failures to control load to their Predetermined Demand Level, Company reserves the right to increase the Predetermined Demand Level, or transfer customer to General Service or General Time of Day Service and apply the cancellation charge specified in customer's Electric Service Agreement. T

~~6.~~7. The duration and frequency of control periods shall be at the discretion of Company. Control periods will normally occur when: T
   a. Company expects a reasonable possibility of system load levels surpassing the level for which NSP has sufficient accredited capacity under the Midwest Reliability Organization (MRO) or any successor organization, including reserve requirements, or
   b. In Company's opinion, the reliability of the system is endangered.

8. The Company may at its discretion, perform an interruptible certification audit for the Midcontinent Independent System Operator (MISO) registration and will adhere to testing requirements as defined by MISO. The duration of interruptible certification audits shall not exceed four hours and will occur between June 1st and October 31st annually as part of the MISO registration for the next planning year. Customer load control requirements and service provisions for regular control periods apply to interruptible certification audits. N N N N N N

(Continued on Sheet No. 5-49)

~~7.~~ 9. Customer must execute an Electric Service Agreement with Company which will include: T

Peak Controlled Service - Tier 1

a. A minimum initial 10 year term of service which includes a one year trial period and a three year cancellation notice effective after the initial term of service,
b. The Predetermined Demand Level, or the fixed Controllable Demand if Optional PDL is selected which may be revised subject to approval by Company,
c. Maximum 150 hours of interruption,
d. Cancellation charge terms, and
e. Control period notice.

Peak Controlled Service - Tier 2

a. A minimum initial five year term of service which includes a one year trial period and a six month cancellation notice effective after the initial term of service,
b. The Predetermined Demand Level, or the fixed Controllable Demand if Optional PDL is selected which may be revised subject to approval by Company,
c. Maximum 80 hours of interruption,
d. Cancellation charge terms, and
e. Control period notice.

~~8.~~ 10. Peak Controlled Service customers choosing the Tier 1 rate option will be subject to an additional monthly charge for a Company approved and installed two-way communications system. The system equipment allows NSP to determine remotely customer load levels and to notify customers of control periods. T

~~9.~~ 11. Minimum Controllable Demand during the Company's peak season shall be 50 kW. T

~~10.~~ 12. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service. T

~~11.~~ 13. Company will determine, at a service location designated by Company, the number of services supplied. Customers requesting special facilities will be charged the additional costs incurred for such facilities. T

(Continued on Sheet No. 5-50)

~~12.~~14. Customers choosing the Predetermined Demand Level option requiring a fixed demand reduction will be subject to an additional charge for metering and billing when additional metering equipment is necessary. The additional charge is $17.00 per month for an application using a single meter in close proximity to customer's service point. The additional charge for more complex applications will be based on the actual costs of the specific application. T

~~13.~~15.Company will maintain Firm Demand Charge rates at the General Service and General Time of Day Service levels, whichever is applicable. T

~~14.~~16. Any customer with generating equipment which is operated in parallel with Company must comply with all requirements associated with parallel operations as specified in the General Rules and Regulations of the Company. T

~~15.~~17.Any load served by customer generation during Company requested control periods must be served by Company at all other times. T

~~16.~~18. Customers selecting Peak Controlled Services will normally remain at a specific Performance Factor level for a minimum of one year, subject to the Company's discretion. The Company may transfer customers between Performance Factor levels following verification of a customer's performance, as defined in the applicable rate schedule and as specified in the customer's Electric Service Agreement. This rate contemplates that increases in summer Controllable Demand, which thereby affect a customer's Performance Factor level, will be at sufficient consumption levels to yield a July and August calendar month load factor of 34% or greater. The Company reserves the right to limit the customer's eligibility to be on a higher Performance Factor level due to the above restriction. T

ELECTRIC VEHICLE FLEET PILOT SERVICE Section No. 5
RATE CODE A87. A88, A89 ~~9th~~10th Revised Sheet No. 51

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AVAILABILITY
Available while this Pilot Service is in effect to non-residential customers for service only to electric vehicle loads including battery charging and accessory usage. The customer must complete Company-approved documentation verifying ownership or lease of a minimum of five electric vehicles as defined in Section 169.011, subdivision 26a of Minnesota law.

CONTRACT
Customers must contract for this service through an Electric Vehicle Fleet Pilot Service Agreement with the Company. The contract period will be for 120 months.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and /or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	$29.64		
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW			
On-Peak Period Demand	~~$10.49~~$12.91	~~$14.79~~$17.51	R
Off-Peak Period Demand in Excess of On-Peak Period Demand	~~$2.35~~$2.50	~~$2.35~~$2.50	R
Energy Charge per kWh			
On-Peak Period Energy	~~$0.04855~~$0.06771		R
Off-Peak Period Energy	~~$0.02341~~$0.03194		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the On-Peak Period Billing Demand, Not to Exceed 50% of Total kWh	~~$0.01518~~$0.01753		R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~	RN
		$0.00127	R

(Continued on Sheet No. 5-51.1)

OPTIONAL CHARGER SERVICE N
Charging equipment may be supplied and installed either by customer or by the Company through an optional charger service. Optional charger service by Company is available as a Bundled Option that includes a monthly charge for the installed cost of charging equipment or as a Pre-Pay Option to customers electing to pay Company for the installed cost of charging equipment prior to beginning service with this tariff. Customers electing the Pre-Pay Option are separately invoiced at the time of installation and are subject to the Pre-Pay Option service charge in place of the Bundled Option service charge.

Service Charge per Month per Port	Group A	Group B	Group C
Bundled Option – Single Port (A88)	$37.88	$52.92	$67.96
Bundled Option – Dual Port (A88)	$32.85	$45.80	$54.94
Pre-Pay Option – Single Port (A89)	$11.73	$25.31	$33.37
Pre-Pay Option – Dual Port (A89)	$10.86	$20.80	$29.85

Pricing for charging infrastructure for transit buses is determined on a per project basis.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
For the first two years after the original effective date establishing this tariff, the minimum charge shall be equal to the Customer Charge. Effective two years after the original effective date establishing this tariff, the minimum charge shall be the total of the Customer Charge and a Facilities Charge based on the number of installed charging ports.

Facilities Charge	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5
Number of Charging Ports	1-9	10-19	20-29	30-39	40+
Monthly Minimum Charge	$75	$150	$300	$450	$600

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5. N

(Continued on Sheet No. 5-51.2)

DEFINITION OF PEAK PERIODS N

The on-peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off-peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics.

DETERMINATION OF ON-PEAK PERIOD DEMAND

The actual on-peak period demand in kW shall be the greatest 15-minute load for the on-peak period during the month for which the bill is rendered. The adjusted demand in kW for billing purposes shall be determined by dividing the actual on-peak demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW. In no month shall the on-peak period demand to be billed be considered as less than the current month's adjusted on-peak period demand in kW, or 50% of the greatest monthly adjusted on peak period demand in kW during the preceding 11 months. In no month shall the on-peak billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 100 hours per month.

The greatest monthly adjusted on-peak period demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

DETERMINATION OF OFF-PEAK PERIOD DEMAND IN EXCESS OF ON-PEAK PERIOD DEMAND

The actual off-peak period demand in kilowatts shall be the greatest 15-minute load for the off-peak period during the month for which the bill is rendered rounded to the nearest whole kW. In no month shall the off-peak period demand for billing purposes be considered as less than the current month's actual off-peak period demand in kW, or 50% of the greatest monthly actual off-peak period demand in kW during the preceding 11 months.

The greatest monthly adjusted off-peak period demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

The off-peak period demand in excess of on-peak period demand in kW to be billed shall be determined by subtracting the billing on-peak period demand from the actual off-peak period demand as defined above, but only if the off-peak period demand is greater than the on-peak period demand.

POWER FACTOR

For three phase customers with services above 200 amperes, or above 480 volts, the power factor for the month shall be determined by permanently installed metering equipment. For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed. N

(Continued on Sheet No. 5-51.3)

MINIMUM DEMAND TO BE BILLED N

The monthly minimum on-peak period billing demand shall not be less than provided above.

TERMS AND CONDITIONS OF SERVICE

1. Electric Vehicle Fleet Pilot Service shall be served through wiring connected to customer's dedicated meter.

2. Company may require customer to provide access for Company-owned equipment for the recording and wireless communication of energy usage.

3. The rate contemplates that this service will require the installation of new facilities to provide electric service to the electric vehicle charger.

4. Customer must execute an Electric Vehicle Fleet Pilot Service Agreement with the Company.

5. Customer must retain a minimum four ports per site, or, in cases with less than four ports, a minimum of 50 kW of charging capacity.

6. Company waives CIAC requirements for non-residential customers under the Standard Installation and Extension Rules under Section 5.1(A)(1)(b), Section 5.1 (A)(2) and (3) and Section 5.2 of the General Rules and Regulations on Tariff Sheets No. 6-23 through 6-27.

7. Alternating current service is provided at the following nominal voltages:
   a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts.
   b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts.

Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

RIGHT TO REFUSE SERVICE

The Company reserves the right to refuse applicants for service under this Pilot service if it determines that excessive additional capital expenditures will be required to provide service to that applicant. N

ELECTRIC VEHICLE PUBLIC CHARGING PILOT SERVICE
RATE CODE A90

Section No. 5
~~9th~~10th Revised Sheet No. 52

AVAILABILITY
Available while this Pilot Service is in effect to non-residential customers for service only to electric vehicle loads including battery charging and accessory usage for the express purpose of providing public charging service to electric vehicles. D N

CONTRACT
Customers must contract for this service through an Electric Vehicle Public Charging Pilot Service Agreement with the Company. The contract period will be for 120 months.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and /or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$29.64~~$29.98		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW			
On-Peak Period Demand	~~$10.49~~$12.91	~~$14.79~~$17.51	R
Off-Peak Period Demand in Excess of On-Peak Period Demand	~~$2.35~~$2.50	~~$2.35~~$2.50	R
Energy Charge per kWh			
On-Peak Period Energy	~~$0.04855~~$0.06771		R
Off-Peak Period Energy	~~$0.02341~~$0.03194		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the On-Peak Period Billing Demand, Not to Exceed 50% of Total kWh	~~$0.01518~~$0.01753		R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~	R
		$0.00127	R

N

(Continued on Sheet No. 5-52.1)

In addition, customer bills under this rate are subject to the following adjustments and/or charges. N

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
For the first two years after the original effective date establishing this tariff, the minimum charge shall be equal to the Customer Charge. Effective two years after the original effective date establishing this tariff, the minimum charge shall be the total of the Customer Charge and a Facilities Charge based on the number of installed charging ports.

Facilities Charge	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5
Number of Charging Ports	1-9	10-19	20-29	30-39	40+
Monthly Minimum Charge	$75	$150	$300	$450	$600

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5. N

(Continued on Sheet No. 5-52.2)

DEFINITION OF PEAK PERIODS N

The on-peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off-peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics.

DETERMINATION OF ON-PEAK PERIOD DEMAND

The actual on-peak period demand in kW shall be the greatest 15-minute load for the on-peak period during the month for which the bill is rendered. The adjusted demand in kW for billing purposes shall be determined by dividing the actual on-peak demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW. In no month shall the on-peak period demand to be billed be considered as less than the current month's adjusted on-peak period demand in kW, or 50% of the greatest monthly adjusted on-peak period demand in kW during the preceding 11 months. In no month shall the on-peak billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 100 hours per month.

The greatest monthly adjusted on-peak period demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

DETERMINATION OF OFF-PEAK PERIOD DEMAND IN EXCESS OF ON-PEAK PERIOD DEMAND

The actual off peak period demand in kilowatts shall be the greatest 15-minute load for the off peak period during the month for which the bill is rendered rounded to the nearest whole kW. In no month shall the off-peak period demand for billing purposes be considered as less than the current month's actual off-peak period demand in kW, or 50% of the greatest monthly actual off-peak period demand in kW during the preceding 11 months.

The greatest monthly adjusted off-peak period demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

The off-peak period demand in excess of on-peak period demand in kW to be billed shall be determined by subtracting the billing on-peak period demand from the actual off-peak period demand as defined above, but only if the off-peak period demand is greater than the on-peak period demand.

POWER FACTOR

For three phase customers with services above 200 amperes, or above 480 volts, the power factor for the month shall be determined by permanently installed metering equipment. For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed. N

(Continued on Sheet No. 5-52.3)

MINIMUM DEMAND TO BE BILLED N

The monthly minimum on-peak period billing demand shall not be less than provided above.

TERMS AND CONDITIONS OF SERVICE

1. Electric Vehicle Fleet Pilot Service shall be served through wiring connected to customer's dedicated-meter.

2. Company may require customer to provide access for Company-owned equipment for the recording and wireless communication of energy usage.

3. The rate contemplates that this service will require the installation of new facilities to provide electric service to the electric vehicle charger.

4. Customer must execute an Electric Vehicle Public Charging Pilot Service Agreement with the Company.

5. Customer must retain a minimum four ports per site, or, in cases with less than four ports, a minimum of 50 kW of charging capacity.

6. Company waives CIAC requirements for non-residential customers under the Standard Installation and Extension Rules under Section 5.1(A)(1)(b), Section 5.1 (A)(2) and (3) and Section 5.2 of the General Rules and Regulations on Tariff Sheets No. 6-23 through 6-27.

7. Alternating current service is provided at the following nominal voltages:
   a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts.
   b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts.

Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

RIGHT TO REFUSE SERVICE

The Company reserves the right to refuse applicants for service under this Pilot service if it determines that excessive additional capital expenditures will be required to provide service to that applicant. N

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CANCELED~~AVAILABILITY~~

~~Available to customers with a minimum peak demand of 1,000 kW. Availability may be restricted to limit total customer peak demand to a maximum of 150,000 kW. The controllable service option requires a minimum controllable load of 500 kW.~~

~~Rate~~

~~Customer Charge per Month~~	~~$300.00~~	
~~Demand Charge per Month per kW Contract Demand~~	~~$9.94~~	R

~~Distribution Demand by Voltage~~

~~Secondary~~	~~Primary~~	~~Transmission Transformed~~	~~Transmission~~	
~~$1.97~~	~~$0.97~~	~~$0.36~~	~~$0.00~~	R

~~Energy Charge per kWh~~

	~~Day-Type~~								
	~~1~~	~~2~~	~~3~~	~~4~~	~~5~~	~~6~~	~~7~~	~~8~~	
~~12 a.m.-6 a.m.~~	~~$0.03432~~	~~$0.02800~~	~~$0.02552~~	~~$0.02391~~	~~$0.02324~~	~~$0.02189~~	~~$0.02113~~	~~$0.01978~~	R R
~~6 a.m.- 9 a.m.~~	~~$0.06181~~	~~$0.04925~~	~~$0.03932~~	~~$0.04111~~	~~$0.03977~~	~~$0.03446~~	~~$0.02775~~	~~$0.02243~~	R
~~9 a.m.-12 p.m.~~	~~$0.16995~~	~~$0.09623~~	~~$0.06050~~	~~$0.04817~~	~~$0.03701~~	~~$0.02991~~	~~$0.02471~~	~~$0.02331~~	R
~~12 p.m.- 6 p.m.~~	~~$0.28050~~	~~$0.18790~~	~~$0.09735~~	~~$0.05743~~	~~$0.03701~~	~~$0.02991~~	~~$0.02471~~	~~$0.02331~~	R
~~6 p.m.- 9 p.m.~~	~~$0.20679~~	~~$0.13310~~	~~$0.07845~~	~~$0.04959~~	~~$0.03701~~	~~$0.02991~~	~~$0.02471~~	~~$0.02331~~	R
~~9 p.m.-12 a.m.~~	~~$0.06181~~	~~$0.04925~~	~~$0.04302~~	~~$0.03724~~	~~$0.03051~~	~~$0.02784~~	~~$0.02425~~	~~$0.02243~~	

~~Day-type energy charges are subject to the Stability Factor Adjustment provision.~~

~~Annual Day-Type Distribution~~

~~Normal~~	~~5~~	~~5~~	~~10~~	~~35~~	~~60~~	~~110~~	~~60~~	~~80~~	R
~~Maximum~~	~~8~~	~~8~~	~~16~~	~~50~~	~~n/a~~	~~n/a~~	~~n/a~~	~~n/a~~	

~~Limited Energy Surcharge per kWh~~ ~~$0.2000~~ R

~~All kWh during peak period hours in excess of Contract Demand~~

~~Energy Charge Credit per Month~~ ~~$0.01143~~

~~All kWh in excess of 400 times Contract Demand, not to exceed 50% of total kWh~~ R

~~Energy Charge Voltage Discount per kWh~~

D

(Continued on Sheet No. 5-65)

~~Primary~~	~~Transmission Transformed~~	~~Transmission~~
~~$0.00105~~	~~$0.00267~~	~~$0.00277~~

(Continued on Sheet No. 5-65)

CANCELED C

~~**DAY-TYPE**~~ D

~~Separate energy charges are defined for each of eight day-types. Company will normally designate the applicable day-type for each day by 4:00 p.m. of the preceding day. If Company has not designated the applicable day by 4:00 p.m., the day-type will be the same as the last designated day-type, unless Company later designates a lower cost day-type.~~

~~**CONTRACT**~~

~~Customers must contract for this service through an Electric Service Agreement with Company. Contract period will normally be for one year.~~

~~**FUEL CLAUSE**~~

~~Bills are subject to the adjustments provided for in the Fuel Clause Rider.~~

~~**RESOURCE ADJUSTMENT**~~

~~Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.~~

~~**ENVIRONMENTAL IMPROVEMENT RIDER**~~

~~Bills are subject to the adjustments provided for in the Environmental Improvement Rider.~~

~~**SURCHARGE**~~

~~In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.~~

~~**LOW INCOME ENERGY DISCOUNT RIDER**~~

~~Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.~~

~~**LATE PAYMENT CHARGE**~~

~~Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.~~

~~**PEAK PERIOD HOURS DEFINITION**~~

~~Peak period hours are the nine hours between 9:00 a.m. and 6:00 p.m. for day-types 1, 2, 3, 4, 5, and 6. No peak period hours are applicable for day-types 7 and 8.~~ D

(Continued on Sheet No. 5-65.1)

CANCELED~~STABILITY FACTOR ADJUSTMENT~~ CD

~~Day-type energy charges will be adjusted by a stability factor to compensate for departures from the normal distribution of day-types. The average day-type energy charge, weighted with system loads, will be determined for actual and normal day-types. Stability factors of no more than five percent will be implemented following an annualized differential that exceeds two percent, and discontinued after the differential for the preceding 12 months is less than one percent. Customers will be notified of the effective date and amount of any stability factor adjustment before that adjustment is implemented, changed or discontinued. No stability factor adjustment will apply to customers receiving this service for fewer months than used to determine the adjustment.~~

~~Power Factor~~
~~The power factor for the month shall be determined by permanently installed metering equipment. Company may require customer to install Company-approved equipment to maintain a power factor of not less than 90%.~~ D

(Continued on Sheet No. 5-66)

CANCELED~~DETERMINATION OF DEMAND~~ CD

~~Contract Demand in kW is designated by customer and is fixed for no less than 12 months. Customers are allowed a maximum of one opportunity to revise to their contract demand level in any continuous 12-month period. In no month shall the demand to be billed be considered as less than the actual or expected average kW load during peak period hours of the billing month. In all months, the Contract Demand designated by customer shall be used to determine the kWh sales applied to the Limited Energy Surcharge and the Energy Charge Credit.~~

~~Distribution Demand in kW shall be the greatest 15 minute load that occurred during the past 12 months, including the current billing month, rounded to the nearest whole kW. Additional demand that may result from customer's use of contracted standby or supplemental capacity is not included in the determination of distribution demand.~~

~~CONTROLLABLE SERVICE OPTION~~

~~The controllable service option is available to customers that agree to control a minimum load of 500 kW to a predetermined level whenever required by Company. The applicable monthly controllable demand credit is applied customer's monthly controllable demand. The applicable limited energy charge per kWh replaces the charge for firm service.~~

~~Controllable Demand Credit per Month per kW~~			~~Limited Energy Surcharge per kWh~~	
	~~Jun-Sep~~	~~Other Months~~		~~R~~
~~Level A: < 65% PF~~	~~$5.36~~	~~$1.04~~	~~$0.1353~~	~~R~~
~~Level B: ≥ 65% and < 85% PF~~	~~$6.16~~	~~$1.84~~	~~$0.0962~~	~~R~~
~~Level C: ≥ 85% PF~~	~~$6.67~~	~~$2.34~~	~~$0.0772~~	

~~Controllable Demand in kW is the difference between Contract Demand for the billing month and Predetermined Demand Level.~~

~~Predetermined Demand Level shall be specified and agreed to by the customer and Company, and may not exceed the Contract Demand. Customer's demand must not exceed the predetermined demand level (PDL) during a control period.~~

~~Performance Factor (PF) is defined in percentage terms as the average of the July and August calendar month maximum Controllable Demand occurring from 1:00 p.m. to 7:00 p.m. on weekdays, divided by the maximum annual Controllable Demand. Customer's representative load characteristics will be used to determine customer's performance factor. Company reserves the right to determine customer's eligibility for performance factor levels and may transfer customers between levels following verification of a customer's performance.~~ D

(Continued on Sheet No. 5-67)

CANCELED~~Controllable Service Terms and Conditions~~ CD

~~1. Company will endeavor to give customer one hour notice of commencement of control period.~~

~~2. An additional charge of $8.00 per kW for failure to control will apply during each Company specified control period to the amount that customer's maximum power factor adjusted on peak demand exceeds their predetermined demand level.~~

~~3. The duration and frequency of control periods shall be at the discretion of Company. Control periods will normally occur when Company expects a reasonable possibility of system load levels surpassing the level for which NSP has sufficient accredited capacity under the Midwest Reliability Organization (MRO) or any successor organization, including reserve requirements, or when in Company's opinion, the reliability of the system is endangered. Customers will be separated into two groups by Company with control periods applicable to one or both groups. Customer groups are determined by geographical location and equivalent total controllable load. Control periods will apply to both customer groups at times of the highest forecast system load levels. Control periods at other high load times may apply to only one of the customer groups. Customer groups will be defined as subject to control periods on either even or odd numbered days.~~

~~4. Maximum duration of all control periods specified by Company will be 80 hours per year.~~

~~5. Customer may revise predetermined demand level subject to approval by Company.~~

~~6. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.~~

~~7. Any customer with generating equipment that is operated in parallel with Company must comply with all requirements associated with parallel operations as specified in the General Rules and Regulations of the Company.~~

~~8. Any load served by customer generation during Company requested control periods must normally be served by Company.~~ D

(Continued on Sheet No. 5-68)

CANCELED~~STANDBY SERVICE~~ CD

~~Standby service is available under this schedule subject to the provisions contained in the Standby Service Rider.~~

~~TERMS AND CONDITIONS OF SERVICE~~

~~1. Alternating current service is provided at the following nominal voltages:~~
   ~~a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts,~~
   ~~b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts,~~
   ~~c. Transmission Transformed Voltage: Three phase from 2,400 volts up to but not including 69,000 volts, where service is provided at the Company's disconnecting means of a distribution substation transformer, or~~
   ~~d. Transmission Voltage: Three phase at 69,000 volts or higher.~~

   ~~Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.~~

~~2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.~~

~~3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1(B).~~

~~4. Company will provide, install, and maintain equipment necessary to communicate real-time prices to customers. Customer will provide for a dedicated telephone line service approved by Company.~~

~~5. Customer will pay a cancellation charge for contract cancellation prior to the end of a contract period. The cancellation charge is $1,000.00, plus the difference between customer's bills recalculated using customer's previous rate schedule and this rate schedule if such difference is greater than zero.~~

D

AVAILABILITY
Available to the Metropolitan Council's light rail transit lines for all electric power and energy required by its Traction Station service locations. Traction Stations will be aggregated as lines as they are put into service. Traction Stations common to more than one line will be aggregated with the line with which they were originally put into service.

RATE

Customer Charge per Month per Traction Station		$100.00	
Transmission and Distribution Demand Charge per Month per kW			
All Traction Station On Peak Non-Coincident Billing Demands		~~$5.28~~$7.04	R
Off Peak Period Non-Coincident Demand in Excess of On Peak Period Non-Coincident Demand		~~$1.55~~$1.80	R
Generation Demand Charge per Month per kW	Oct-May	Jun-Sep	
Rail Line On Peak Coincident Billing Demand	~~$4.41~~$5.17	~~$8.71~~$9.77	R
Energy Charge per kWh			
On Peak Period Energy		~~$0.04750~~$0.06644	R
Off Peak Period Energy		~~$0.02236~~$0.03067	R
Energy Charge Credit per Month per kWh			
All Energy in Excess of 400 Hours Times the On Peak Period Coincident Billing Demand, Not to Exceed 50% of the Energy		~~$0.01303~~$0.01500	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE ~~R~~
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 5-72)

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge of $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS
The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. The on peak period occurs Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When the designated holiday occurs on a Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

DETERMINATION OF TRACTION STATION ON PEAK PERIOD NON-COINCIDENT DEMAND
The individual Traction Station Actual On Peak Period Non-Coincident Demand in kW shall be the greatest 15-minute load during the on peak periods during the month for which the bill is rendered for each and every Traction Station along the Light Rail Line. The individual Traction Station Adjusted On Peak Period Non-Coincident Demand in kW for any one Traction Station for billing purposes shall be determined by dividing the Actual On Peak Period Non-Coincident Demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW. The total Traction Station Adjusted On Peak Period Non-Coincident Demand in kW for billing purposes shall be the sum of the individual Adjusted On Peak Period Non-Coincident Demands from each and every Traction Station.

DETERMINATION OF TRACTION STATION OFF PEAK PERIOD NON-COINCIDENT DEMAND
The individual Traction Station Actual Off Peak Period Non-Coincident Demand in kW shall be the greatest 15-minute load during the off peak periods during the month for which the bill is rendered for each and every Traction Station along the Light Rail Line. The individual Traction Station Adjusted Off Peak Period Non-Coincident Demand in kW for any one Traction Station for billing purposes shall be determined by dividing the Actual Off Peak Period Non-Coincident Demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW. The total Traction Station Adjusted Off Peak Period Non-Coincident Demand in kW for billing purposes shall be the sum of the individual Adjusted Off Peak Period Non-Coincident Demands from each and every Traction Station.

(Continued on Sheet No. 5-73)

DETERMINATION OF RAIL LINE ON PEAK PERIOD COINCIDENT DEMAND

The Rail Line Actual On Peak Period Coincident Demand in kW shall be the greatest simultaneous 15-minute load during the on peak periods during the month for which the bill is rendered for all of the Traction Stations along the Light Rail Line. The Rail Line Adjusted On Peak Period Coincident Demand in kW for billing purposes shall be determined by dividing the Actual On Peak Period Coincident Demand by the power factor expressed in percent but not more that 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW.

STREET LIGHTING SYSTEM SERVICE Section No. 5
RATE CODE A30 ~~26th~~27th Revised Sheet No. 74

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by High Pressure Sodium (HPS), Metal Halide or Light Emitting Diode (LED) luminaires supported on poles, where the facilities for this service are furnished by Company. Underground Service under this schedule is limited to areas having a Company owned underground electric distribution system. Standard Service includes a monthly payment for the lighting system cost. Pre-Pay Option requires customer payment for the lighting system cost before establishing service.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

		Monthly Rate Per Luminaire				
		Standard Service			Pre-Pay	
Designation of Lamp	(Lumens)	Overhead	Underground	Decorative	Option	
70W High Pressure Sodium		~~$9.63~~$12.09	~~$19.54~~$23.56	--	~~$5.97~~$7.09	R
100W High Pressure Sodium		~~$10.17~~$12.73	~~$20.07~~$24.20	~~$31.67~~$37.63	~~$6.66~~$7.84	
150W High Pressure Sodium		~~$10.95~~$13.77	~~$20.86~~$25.24	~~$32.84~~$38.96	~~$7.54~~$8.85	
200W High Pressure Sodium*		~~$12.88~~$15.82	--	--	--	
250W High Pressure Sodium		~~13.87~~ $17.02	~~$23.38~~$28.20	~~$34.89~~$41.58	~~$9.61~~$11.30	
400W High Pressure Sodium		~~$16.85~~$20.75	~~$26.06~~$31.71	~~$37.38~~$44.95	~~$12.42~~$14.56	
175W Metal Halide		~~$14.98~~$17.53	~~$27.90~~$32.45	~~$37.38~~$44.95	~~$13.54~~$15.55	
30-40W Light Emitting Diode	(*4,000*)	~~$10.32~~$12.35	~~$20.22~~$23.82	--	~~$4.90~~$6.01	
50-75W Light Emitting Diode	(*6,000*)	~~$11.01~~$13.11	~~$20.91~~$24.58	--	~~$5.49~~$6.63	
110-165W Light Emitting Diode	(*14,000*)	~~$14.46~~$16.63	~~$23.96~~$27.80	--	~~$7.05~~$8.38	
200-250W Light Emitting Diode	(*25,000*)	~~$17.98~~$20.35	~~$27.19~~$31.32	--	~~$8.93~~$10.38	R

*Closed to new customers

(Continued on Sheet No 5-74.1)

PRE-PAY OPTION SURCHARGE
A monthly surcharge per luminaire of 0.2% applies to the amount the purchase price exceeds $1,200.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

OTHER PROVISIONS
This schedule is also subject to provisions contained in Rules for Application of Street Lighting Rates.

STREET LIGHTING ENERGY SERVICE (CLOSED) Section No. 5
RATE CODE A32 ~~25th~~26th Revised Sheet No. 76

AVAILABILITY
Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns a Company approved ornamental street lighting system complete with standards, luminaires with globes, lamps, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's facilities as designated by Company. Service is limited to existing lighting systems being served under this schedule.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp (Lumens)	Monthly Rate per Luminaire	
100W Mercury	~~$2.45~~$3.01	R
175W Mercury	~~$3.64~~$4.49	
250W Mercury	~~$4.94~~$6.09	
400W Mercury	~~$7.69~~$9.48	
700W Mercury	~~$12.78~~$15.77	
1,000W Mercury	~~$17.77~~$21.95	
50W High Pressure Sodium	~~$1.37~~$ 1.67	
70W High Pressure Sodium	~~$1.73~~$2.12	
100W High Pressure Sodium	~~$2.29~~$2.82	
150W High Pressure Sodium	~~$3.14~~$3.87	
200W High Pressure Sodium	~~$4.18~~$5.15	
250W High Pressure Sodium	~~$5.28~~$6.51	
400W High Pressure Sodium	~~$8.03~~$9.91	
750W High Pressure Sodium	~~$13.78~~$17.02	R
F72HO Fluorescent	~~$3.61~~$3.93	
<30W Light Emitting Diode (2,500)	~~$1.06~~$1.12	~~N~~R
30-45W Light Emitting Diode (4,000)	~~$1.34~~$1.41	~~N~~R
50-75W Light Emitting Diode (6,000)	~~$1.85~~$1.96	~~N~~R
110-165W Light Emitting Diode (14,000)	~~$3.44~~$3.66	~~N~~R
200-250W Light Emitting Diode (25,000)	~~$5.14~~$5.47	~~N~~R

(Continued on Sheet No. 5-77)

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

OTHER PROVISIONS
This schedule is also subject to provisions contained in Rules for Application of Street Lighting Rates.

STREET LIGHTING ENERGY SERVICE - METERED Section No. 5
RATE CODE A34 ~~29th~~30th Revised Sheet No. 78

AVAILABILITY
Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns and maintains an ornamental street lighting system complete with standards, luminaires with globes, lamps, photocells, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's meter as designated by Company.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Meter per Month	~~$5.00~~$5.50	R
Energy Charge per kWh	~~$0.04534~~$0.05601	R

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 78.1)

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

CONDITIONS OF SERVICE
The customer owns and maintains ornamental street lighting system including underground cables, posts, lamps, ballasts, photocells, and glassware. Ballasts shall provide a power factor of at least 90% and photocells shall conform to specified daily operating schedule. Company furnishes energy only at central metered distribution points designated by Company. The daily operating schedule of the lamps shall be from approximately one-half hour after sunset until one-half hour before sunrise.

STREET LIGHTING SERVICE - CITY OF ST. PAUL
(CLOSED)
RATE CODE A37

Section No. 5
~~27th~~28th Revised Sheet No. 80

AVAILABILITY
Available to the City of St. Paul for furnishing, maintaining, and operating certain electrical connections, lines, and appurtenances thereto, and supplying electric current for city street lighting.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp	Monthly Rate per Luminaire	
100W High Pressure Sodium	~~$5.48~~$6.45	R
150W High Pressure Sodium	~~$6.14~~$7.27	R
250W High Pressure Sodium	~~$8.60~~$9.42	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 5-81)

STREET LIGHTING SERVICE – CITY OF ST. PAUL
(CLOSED)
RATE CODE A37

OTHER PROVISIONS

This schedule is also subject to provisions contained in Rules for Application of Street Lighting Rates.

1. SERVICE INCLUDED IN RATE

a. *Street Lighting System Service*

Overhead, Underground, and Decorative
Company shall own, operate, and maintain the overhead and underground street lighting systems using Company's standard street lighting equipment.

Company Property
All poles, other material and equipment that may be used by Company in carrying out street lighting service shall be and remain the property of Company. Company shall have the right to install poles and other materials for street lighting service on or along public streets and alleys of customer and to remove the same upon expiration of term.

Terms and Conditions:

Standard Service
Except for customers choosing the pre-pay option for street lighting system service, the term of service will be a minimum of five (5) years. After the minimum five year service term, service shall continue thereafter for one (1) year terms, unless either party provides written notice at least ninety (90) days prior to the expiration of a term that customer intends to terminate the service. Existing lights that have been in service for more than five years at the time this Tariff provision is approved by the Commission will continue on 1-year terms until either party terminates the service based on the provisions listed above. Company shall furnish all electric energy necessary to operate the street lighting system, shall make all lamp and glassware renewals, clean the glassware, light and extinguish all lamps, make all ballast and starter renewals, and furnish all the materials and labor necessary for these services. Company shall also repair all damaged equipment.

Pre-Pay Option
Customer shall pay the Company upfront the costs associated with the entire ornamental street lighting system including underground cables, posts, lamps, ballasts, starters, photocells, and glassware. The Company retains ownership of the street lighting system. The street lighting system shall be Company approved and include a lamp type and wattage combination that corresponds to an existing Pre-Pay Option rate. Company shall furnish all electric energy necessary to operate the street lighting system, shall make all lamp and glassware renewals, clean the glassware, light and extinguish all lamps, make all ballast and starter renewals, and furnish all the materials and labor necessary for these services. Company shall also repair all damaged equipment for 25 years from the installation date. After 25 years, Company will repair damaged equipment when the damage is not associated with the age of the street lighting system. These repairs are routine in nature such as lamp, photo control, starter, and fuses.

(Continued on Sheet No. 5-83)

1. SERVICE INCLUDED IN RATE (Continued)

Prepay Option (Continued)
If in the Company's opinion, the condition of the street lighting system is such that replacement or significant renovation of the system is necessary (for example, due to underground faults, pole deterioration, ballast outage), the customer shall have two options:

(1) the customer must either transfer to the Street Lighting Energy Service – Metered rate, or
(2) reimburse Company for the installed cost of a replacement system.

Attachments
The Customer may not make any attachments, including but not limited to, banners, flags, signs, or holiday lighting, to the poles without the express written permission of Company. Approval of any such attachments will be at the sole discretion of the Company. In the event that any such attachments are made without written Company authorization, customer shall remove such attachments upon notice from Company. Any damage to Company property or other Company equipment caused by an unauthorized attachment by customer shall, after notice of damage to the customer be repaired by Company at the customer's expense. However, notice to customer prior to repair will not be required in case of an emergency or any other reason that requires immediate repair. In addition, if a street light outage is caused by an unauthorized attachment to Company property, service outage credits will not apply as described in paragraph 3 below.

b. *Street Lighting Energy Service*
The customer owns and maintains entire ornamental street lighting system including underground cables, posts, lamps, ballasts, photocells, and glassware. Ballasts shall provide a power factor of at least 90% and photocells shall conform to specified daily operating schedule. Company furnishes energy only at central distribution points designated by Company.

c. *City of St. Paul*
City owns and maintains lamp units, lamps, photocells, and glassware. Company owns and maintains distribution system, including hangers and furnishes energy at the lamp unit. Ballasts shall provide a power factor of at least 90% and photocells shall conform to specified daily operating schedule.

2. DAILY OPERATING SCHEDULE
The daily operating schedule of lamps shall be from approximately one-half hour after sunset until one-half hour before sunrise.

(Continued on Sheet No. 5-84)

3. OUTAGES

If illumination from any non-metered lamp is interrupted and the illumination is not resumed within 2 business days from the time the Company receives notice, 1/30th of the applicable monthly metered energy and fuel cost charges for the affected lamp(s) for each night of service outage shall be credited to the customer.

The Company shall apply such credits to all affected customers one time annually in the month of December of each year, together with an itemized list of the street lamps and/or poles associated with the credits.

Interruption of Company Performance:
In the event of the total or partial interruption of service where the Company is prevented from providing service, a customer shall not be charged under this tariff for the duration of time service cannot be provided. The Company will proceed with all reasonable diligence to put itself and its works in condition to resume and continue the supply of electric energy and the performance of the service. The Company shall not be responsible for any loss or damage resulting from the interruption or disturbance of service for any cause other than gross negligence of the Company. The Company shall not be liable for any loss of profits or other consequential damages resulting from the use of service or any interruption or disturbance of service.

4. SPECIAL SERVICES

a. *Street Lighting System Service*

Temporary Disconnection of Service (Street lighting facilities remain in place.)
When requested by the customer, Company will temporarily disconnect service to individual street lighting units provided the customer pays a monthly facilities charge equal to the regular monthly rate less the product of the average monthly kWh for the lighting unit and the energy charge from the Street Lighting Energy Service - Metered rate schedule. The customer must pay a charge of $25.00 to disconnect or reconnect each lighting unit.

Termination of Street Lighting Facilities
When requested by the customer, except for Pre-Pay Option lighting service, Company will remove all or a portion of a street lighting system and cease billing. The customer must pay termination costs for the removal and undepreciated value of facilities, less any salvage value, if the number of lights requested to be removed in any 12 month period exceeds 5% of the municipality's street lighting system.

(Continued on Sheet No. 5-84.1)

4. SPECIAL SERVICES (Continued)

b. *Street Lighting Energy Service*

Daily Operating Schedule Option

Reduced hours of operation from the standard daily operating schedule is available under the applicable commercial and industrial rate, subject to the following provisions:

(1) customer must install a meter socket at the service point, and
(2) customer shall provide all maintenance to lighting units and identify the lighting units with Company approved markings.

Disconnection of Service

During the period between customer disconnection and reconnection of street lighting units, Company will cease billing provided the disconnection is made on the line side of the lighting unit ballast. Customer disconnection not on the line side will require the customer to pay a charge to compensate for the lighting unit ballast core loss. When requested by the customer, Company will disconnect or reconnect street lighting units provided the customer pays a charge of $25.00 for the disconnection or reconnection of each lighting unit. The customer must identify all disconnected street lighting units with Company approved markings.

SMALL MUNICIPAL PUMPING SERVICE Section No. 5
RATE CODE A40 ~~30th~~31st Revised Sheet No. 85

AVAILABILITY
Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants. (Rate schedule is applied separately to each delivery point.)

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Oct-May	Jun-Sep	
Customer Charge per Month	~~$10.00~~$11.50	~~$10.00~~$11.50	R
Energy Charge per kWh	~~$0.07757~~$0.09540	~~$0.09256~~$0.11226	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

(Continued on Sheet No. 5-86)

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

INSTALLATION OF DEMAND METERS
The Company shall install a demand meter for a customer when:

1. Customer's connected load is estimated to be 20 kW or greater, or
2. Customer is served single phase and has a service entrance capacity greater than 200 amperes, or
3. Customer is served three phase at 120/208 or 120/240 volts and has a service entrance capacity greater than 200 amperes, or
4. Customer is served three phase at 240/480 or 277/480 volts and has a service entrance capacity greater than 100 amperes, or

Customer's average monthly kWh use for four consecutive months exceeds 3,500 kWh.

If a demand meter is installed in accordance with the above, the customer may remain on the Small Municipal Pumping Service schedule as long as customer’s maximum demand is less than 25 kW. When the customer achieves an actual maximum demand of 25 kW or greater, the customer will be placed on the Municipal Pumping Service schedule in the next billing month. Customers with a billing demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small Municipal Pumping Service schedule.

MUNICIPAL PUMPING SERVICE Section No. 5
RATE CODE A41 ~~31st~~32nd Revised Sheet No. 87

AVAILABILITY
Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants. (Rate schedule is applied separately to each delivery point.)

RATE

Customer Charge per Month	~~$25.64~~$25.98		R
	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW	~~$10.49~~$12.91	~~$14.79~~17.51	R
Energy Charge per kWh	~~$0.03407~~$0.04697		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	~~$0.01518~~$0.01753		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00127	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-88)

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DETERMINATION OF DEMAND
The adjusted demand in kW for billing purposes shall be determined by dividing the maximum actual demand in kW by the power factor expressed in percent but not more than a 90% power factor and multiplying the quotient so obtained by 90% and rounding to the nearest whole kW. In no month shall the demand to be billed be considered as less than the current month's adjusted demand in kW nor greater than the value in kW determined by dividing the kWh sales for the billing month by 75 hours per month.

MAXIMUM DEMAND
The maximum actual demand in kW shall be the greatest 15 minute load during the month for which bill is rendered.

POWER FACTOR
For three phase customers with services above 200 amperes, or above 480 volts, the power factor for the month shall be determined by permanently installed metering equipment. For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed.

MINIMUM DEMAND TO BE BILLED
The monthly minimum billing demand shall not be less than provided above.

TERMS AND CONDITIONS OF SERVICE
Alternating current service is provided at the following nominal voltages:

1. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts, or
2. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts.

FIRE AND CIVIL DEFENSE SIREN SERVICE Section No. 5
RATE CODE A42 ~~14th~~15th Revised Sheet No. 89

AVAILABILITY
Available for power service for the operation of municipal fire and civil defense warning sirens having a rated capacity not in excess of 25 horsepower.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE
Per Month per Horsepower of Connected Capacity ~~$0.76~~$0.81 R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

MONTHLY MINIMUM CHARGE
Net per Month ~~$3.66~~$3.88 R

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

CONNECTION
Under the above rate, the Company will make no extension for service other than a normal service span. Where conditions are such that a long service connection or extra transformer capacity, or both, are necessary, the customer shall either pay the entire cost of such extra equipment or pay a monthly facilities charge based on such costs.

The circuit serving the siren must be in conduit from the entrance to the motor with an enclosed entrance switch box, which may be sealed and operated from an external appliance.

OPTIONAL
In case the customer already has a service connection of sufficient capacity to permit operation of the siren without unduly disturbing conditions on the Company's nearby circuits, the siren may be connected at the option of the customer on the load side of the customer's existing meter and the commercial rate applied to the total load.

FUEL CLAUSE CHARGE

There shall be added to or deducted from the monthly bill a Fuel Cost Charge calculated by multiplying the applicable monthly billing kilowatt hours (kWh) by the billed Fuel Adjustment Factor (FAF) per kWh. The billed FAF is calculated by prorating each calendar month FAF by the number of customer billing days in each calendar month, and rounding to the nearest $0.00001 per kWh.

EXEMPTION

For customers participating in Company's Renewable*Connect and Renewable*Connect Government pilot programs, or the Windsource® Program under the Voluntary Renewable and High-Efficiency Energy Purchase Rider, the applicable billing kWh subject to the FAF shall be reduced by the elected Voluntary Renewable Adjustment energy blocks. In the event that a customer's metered energy use is lower than the subscribed energy blocks, the applicable billing kWh for the FAF for that month is zero.

For customer premises recognized by the Company as not being subject to any of the costs of satisfying the solar energy standard under Minn. Stat. § 216B.1691, subd. 2f ("SES Costs"), the SES Costs reflected in the Fuel Clause Charge assessed to the accounts associated with these premises may be credited to these accounts, and the dollar amount of these credits shall be added back into the Current Period Cost of Energy applicable to the time period when the credit is issued.

FUEL ADJUSTMENT FACTOR (FAF)

A separate FAF will be determined for each service category defined by customer class and time-of-day (TOD) period within the Commercial and Industrial – Demand class. The FAF for each service category is the sum of the Current Period Cost of Energy multiplied by the applicable FAF Ratio, and the applicable Energy Cost True-up Factor. The FAF Ratio is the Class Cost Ratio multiplied by the corresponding TOD Ratio:

Service Category	Class Cost Ratio	TOD Ratio	FAF Ratio	
Residential	~~1.0177~~1.0116	1.0000	~~1.0177~~1.0116	R
C&I Non-Demand	~~1.0305~~1.0180	1.0000	~~1.0305~~1.0180	R
C&I Demand	~~0.9930~~0.9949	~~1.0054~~1.0069	~~0.9984~~1.0018	R
C&I Demand TOD On-Peak	~~0.9930~~0.9949	~~1.2574~~1.2303	~~1.2486~~1.2240	R
C&I Demand TOD Off-Peak	~~0.9930~~0.9949	~~0.8224~~0.8450	~~0.8166~~0.8407	R
Outdoor Lighting	~~0.7976~~0.7992	1.0000	~~0.7976~~0.7992	R

~~D~~

(Continued on Sheet No. 5-91.1)

CURRENT PERIOD COST OF ENERGY

The Current Period Cost of Energy per kWh is defined as the qualifying costs, forecasted to be incurred during the calendar month, divided by the kWh sales forecasted for the same month. Qualifying kWh sales are all kWh sales excluding intersystem, Renewable*Connect, Renewable*Connect Government and Windsource® Program kWh sales. Qualifying costs are the sum of the following:

1. The cost of fuels consumed in the Company's generating stations as recorded in Federal Energy Regulatory Commission (FERC) Accounts 151 and 518.

2. The cost of energy purchases as recorded in FERC Account 555, exclusive of capacity or demand charges, irrespective of the designation assigned to such transaction, when such energy is purchased on an economic dispatch basis.

3. All Midwest ISO (MISO) costs and revenues authorized by the Commission to flow through this Fuel Clause Rider and excluding MISO costs and revenues that are recoverable in base rates, as prescribed in applicable Commission Orders.

4. All fuel and purchased energy expenses incurred by the Company over the duration of any Commission-approved contract, as provided for by Minnesota Statutes, Section 216B.1645, except any such expenses recovered in base rates or other riders.

5. The energy cost of purchases from a qualifying facility, as that term is defined in 18 C.F.R. Part 292 and Minn. Rule 7835.0100, Subp. 19, as amended, and the net cost of energy (and capacity if purchased on an energy output basis) purchases from any qualifying facility using wind energy conversion systems for the generation of electric energy, whether or not those purchases occur on an economic dispatch basis. Capacity costs associated with such purchased power contracts, which are in excess of 100 kW and commenced after the date of the Commission's final order in Docket No. E002/GR-05-1428, shall be excluded from Fuel Cost Charge recovery.

6. Less the fuel-related costs recovered through intersystem sales.

7. Less purchased power costs for the Renewable*Connect and Renewable*Connect Government pilot programs and for the Windsource® Program as recorded in FERC account 555.

8. Less neutrality charge cost recovery for the Renewable*Connect and Renewable*Connect Government pilot programs.

9. Less asset based margins from intersystem sales of excess generation and ancillary services. Asset based margins are defined as sales revenues less the sum of fuel and energy costs (including costs associated with MISO Day 2 markets that are booked to FERC Account 555) and any additional transmission costs incurred that are required to make such sales. N N N N

(Continued on Sheet No. 5-91.2)

ENERGY COST TRUE-UP FACTORS

An Energy Cost True-up Factor per kWh is calculated annually for each Class and TOD category by dividing the Energy Cost True-up Amount by the qualifying kWh sales forecasted for the proposed period of up to twelve months the rate will be in effect and then multiplied by the applicable FAF ratio. The application of true-up factors to customers' bills is subject to Commission approval. C C C C D

(Continued on Sheet No. 5-91.3)

RATE SCHEDULES BY SERVICE CATEGORY

Residential
Residential (A00, A01, A03)
Residential TOD (A02, A04)
Residential TOU Pilot Program (A72, A74)
Energy Controlled (A05)
Limited Off-Peak (A06)
Residential Electric Vehicle (A08)
Residential Electric Vehicle Pilot (A80, A81)
Residential Electric Vehicle Subscription Pilot (A82, A83)

Commercial and Industrial Demand – Non-TOD
General (A14)
Peak Controlled (A23)
Municipal Pumping (A41)

Commercial and Industrial Non-Demand
Energy Controlled (A05)
Limited Off Peak (A06)
Small General (A09, A10, A11, A13)
Small General TOD (A12, A16, A18, A22)
Small Municipal Pumping (A40)
Fire and Civil Defense Siren (A42)

Commercial and Industrial Demand – TOD
General TOD (A15, A17, A19)
Peak Controlled TOD (A24)
Tier 1 Energy Controlled Rider (A27)
~~Real Time Pricing (A62, A63)~~ D
Light Rail Line (A29)
Electric Vehicle Fleet Pilot (A87, A88, A89) N
Electric Vehicle Public Charging Pilot (A90) N

Outdoor Lighting
Automatic Protective (A07)
Street Lighting System (A30)
Street Lighting Energy (Closed) (A32)
Street Lighting Energy – Metered (A34)
Street Lighting - City of St. Paul (A37)

PROVISION OF FORECAST DATA ~~C~~
To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on May 1st a 24-month forecast of the fuel and purchased energy costs applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company. ~~D~~

APPLICABILITY
Applicable to bills for electric service provided under the Company's retail rate schedules. Exemptions are as follows:

"Large Customer Facility" customers that have been exempted from the Company's Conservation Improvement Program charges pursuant to Minn. Stat. 216B.241 subd. 1a (b) shall receive a monthly exemption from conservation improvement program charges pursuant to Minn. Stat. 216B.16, subd. 6b Energy Conservation Improvement. Such monthly exemption will be effective beginning January 1 of the year following the grant of exemption. Upon exemption from conservation program charges, the "Large Customer Facility" customers can no longer participate in the Company's Energy Conservation Improvement Program.

RIDER
There shall be included on each non-exempt customer's monthly bill a Conservation Improvement Program (CIP) Adjustment, which shall be calculated by multiplying the monthly applicable billing kilowatt hours (kWh) by the CIP Adjustment Factor.

DETERMINATION OF CONSERVATION IMPROVEMENT PROGRAM ADJUSTMENT FACTOR
The CIP Adjustment Factor shall be calculated for each customer class by dividing the Recoverable Conservation Improvement Program Expense by the Projected Retail Sales for a designated recovery period. The factor may be adjusted annually with approval of the Minnesota Public Utilities Commission. The CIP Adjustment Factor for all rate schedules is:

All Classes	$0.001848 per kWh	R

Recoverable Conservation Improvement Program Expense shall be the CIP expense not recovered through base rates as determined from the CIP Tracker account balance for a designated period. All costs appropriately charged to the CIP Tracker Account shall be eligible for recovery through this Rider. All revenues received from the CIP Adjustment Factor shall be credited to the CIP Tracker Account.

Projected Retail Sales shall be the estimated kilowatt-hour sales to all non-exempt customers for the designated recovery period.

(Continued on Sheet No. 5-92.1)

DETERMINATION OF CONSERVATION COST RECOVERY CHARGE (CCRC)
The CCRC is the amount included in base rates dedicated to the recovery of CIP costs as approved by the Minnesota Public Utilities Commission (or successor agency) in the Company's last general rate case. The CCRC is approved and applied on a per kWh basis by dividing the test-year CIP expenses by the test-year sales volumes (net of CIP-exempt volumes). All revenues received from the CCRC shall be credited to the CIP Tracker Account. The CCRC for all rate schedules is:

All Classes ~~$0.003133~~$0.004798 per kWh R

DETERMINATION OF CCRC EXEMPTION ADJUSTMENT FACTOR
For "Large Customer Facilities", as defined in Minn. Stat. 216B.241 subd. 1, granted exemption by the Commissioner of the Minnesota Department of Commerce, Division of Energy Resources, pursuant to Minn. Stat. 216B.241, the CIP Adjustment Factor shall not apply and monthly bills will include a CCRC Exemption Adjustment credit determined by multiplying total billing kWh by the applicable CCRC Exemption Adjustment Factor. Customers' accounts granted exemption by a decision of the Commissioner after the beginning of a calendar year shall be credited for any CIP collections billed after January 1st of the year following the Commissioner's decision. The CCRC Exemption Adjustment Factor for all rate classes is:

All Classes ~~$0.003133~~$0.004798 per kWh R

PROVISION OF FORECAST DATA
To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on April 1st a 24-month forecast of the CIP Adjustment Factor applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year.

EXEMPTION ~~N~~
For customer premises recognized by the Company as not being subject to any of the costs of satisfying the solar energy standard under Minn. Stat. § 216B.1691, subd. 2f ("SES Costs"), the SES Costs reflected in the CIP Adjustment assessed to the accounts associated with these premises may be credited to these accounts, and the dollar amount of these credits shall be added as part of the Recoverable Conservation Improvement Program Expense applicable to the time period when the credit is issued. ~~N~~

SURCHARGE RIDER

A surcharge will be included in the monthly customer bills in Minnesota communities in an amount equal to any franchise gross earnings or other fee, permit or usage fee, excise, city sales or other charge or tax now or hereafter imposed upon Company by a community, whether by ordinance, franchise or otherwise, applicable to electric service supplied by Company to a customer.

The Company remits 100% of these fees collected from ratepayers to the local government unit.*

The Company will notify the Minnesota Public Utilities Commission of any new, renewed, expired, or changed fee, authorized by Minn. Stat. § 216B.36 to raise revenue, at least 60 days prior to its implementation. If the Company receives less than 60 days' notice of a repealed or reduced fee from a city, the Company will notify the Minnesota Public Utilities Commission within 10 business days of receiving notice. Notification to the Minnesota Public Utilities Commission will include a copy of the relevant franchise fee ordinance, or other operative document authorizing imposition of, or change in, the fee.

Affected customers will be notified on the first bill on which a new or modified fee is listed via the standard bill message below:

> *[The municipality] imposes a [X% of gross revenues/$X per meter/$X per kWh/$X per therm] fee on Xcel Energy collectable through a fee on Xcel Energy [electric/gas] accounts effective [effective date]. The line item appears on your bill as "City Fees." Xcel Energy remits 100% of this fee to [the municipality].*

*The amount collected for Baker is applied to the community's street lighting bill.

FRANCHISE AND OTHER CITY FEES

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.
— Indicates fee is not applied

Franchise Fees									
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date
Afton	$2.00	$2.00	$5.00	$5.00	$1.00	$1.00	$1.00	01/2005	08/16/2024
Albertville	$2.50	$5.00	$10.00	$50.00	$2.00	—	—	03/2011	09/07/2029
Bayport	$1.50	$3.00	$25.00	$50.00	$3.00	$3.00	$25.00	01/2014	05/04/2028
Big Lake	$4.00	$8.00	$8.00	$8.00	—	—	—	10/2014	07/04/2034
Bloomington	$3.75	$7.50	$40.00	$115.00	—	—	—	04/2016	12/20/2035
Brooklyn Center	$1.65	$4.25	$22.75	$103.00	$13.50	$13.50	$13.50	01/2020	12/08/2023
Brooklyn Park	$7.00	$7.50	$45.00	$160.00	—	—	—	03/2016	12/31/2028
Burnsville	$4.00	$12.00	$40.00	$180.00	—	—	—	09/2020	02/15/2036
Centerville	$4.00	$8.00	$8.00	$8.00	—	—	—	05/2016	01/26/2036
Champlin	$3.62	$9.80	$41.21	$144.24	$17.51	$17.51	$17.51	01/2020	11/23/2028
Chanhassen	$5.00	$14.00	$40.00	$290.00	—	—	—	02/2020	10/27/2039
Chisago City	$1.30	$5.00	$15.00	$55.00	$5.00	$5.00	$15.00	06/2009	02/28/2029
Circle Pines	$2.75	$3.00	$35.00	—	$3.00	—	—	10/2009	08/24/2029
Clara City	$2.00	$2.00	$15.00	$68.00	$2.00	$2.00	$15.00	01/2014	10/07/2033
Clements	$1.00	$1.00	$1.00	$1.00	—	—	—	07/2012	06/09/2024
Coon Rapids[1]	4.0%	4.0%	4.0%	4.0%	—	—	—	04/2018	01/13/2032
Cottage Grove	$1.65	$1.65	$8.25	$33.00	$3.30	$0.75	$8.25	03/2016	11/04/2023

R

[1] Coon Rapids: The franchise fee excludes rate schedules for highway lighting, municipal street lighting, municipal water pumping, municipal fire sirens, and municipal sewage disposal service. For all consumers, the four percent franchise fee is applicable to the first $950,000 of calendar year gross operating revenues. The franchise fee is reduced to one half percent (0.5%) for the remaining amount of annual gross operating revenues exceeding $950,000.

(Continued on Sheet No. 5-93.1a)

FRANCHISE AND OTHER CITY FEES

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.
— Indicates fee is not applied

Franchise Fees									
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date
Dayton	$4.00	$12.00	$45.00	$200.00	$16.00	$16.00	$16.00	01/2020	09/09/2039
Deephaven	$2.50	$2.50	$2.50	$2.50	$2.50	$2.50	$2.50	04/2002	11/02/2030
Dilworth	$2.60	$6.00	$21.00	$136.50	—	$6.00	$21.00	05/2018	02/25/2038
Eagle Lake	$0.50	$0.50	$0.50	$0.50	—	—	—	10/2012	05/06/2032
Eden Prairie	$4.00	$5.00	$12.50	$55.00	—	—	—	04/2018	06/18/2032
Edina	$2.90	$4.90	$13.68	$58.32	—	—	—	07/2019	11/03/2035
Excelsior	$2.50	$2.50	$2.50	$2.50	$2.50	$2.50	$2.50	11/2012	08/02/2032
Falcon Heights	$2.25	$3.50	$22.00	$200.00	$2.00	—	—	10/2018	06/12/2038
Faribault[1]	$1.63	$1.94	$38.72	$338.80	—	—	—	01/2020	11/08/2024
Forest Lake	$4.00	$2.50	$18.50	$75.00	$7.50	$2.50	$18.50	05/2013	01/27/2033
Glyndon	$1.25	$1.00	$8.00	$35.00	$5.00	$0.50	$1.75	05/2020	01/21/2040 N
Golden Valley	$6.00	$6.00	$30.00	$258.00	—	—	—	04/2018	12/17/2027

(Continued on Sheet No. 5-93.2)

FRANCHISE AND OTHER CITY FEES (Continued)

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.
— Indicates fee is not applied

Franchise Fees									
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date
Goodview	$2.75	$3.00	$25.00	$110.00	$25.00	$2.50	$10.00	07/2006	04/30/2026
Grant	$2.35	$2.00	$14.00	$75.00	$2.00	$2.00	$2.00	01/2015	12/01/2023
Hayfield	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	01/2015	04/17/2031
Henderson	$3.00	$3.00	$3.00	$3.00	—	—	—	04/2012	08/16/2031
Hopkins	$3.50	$6.15	$24.70	$170.50	—	—	—	01/2019	12/31/2023
Inver Grove Heights	$2.75	$3.00	$25.00	$95.00	—	—	—	01/2018	06/30/2029
Landfall Village	$2.25	$4.75	$14.00	$65.00	$15.50	—	—	04/2014	12/10/2033
Lexington	$4.00	$6.50	$40.00	$170.00	—	—	—	03/2017	10/05/2031
Lindstrom	$2.50	$5.00	$24.00	$70.00	$7.00	$7.00	$7.00	04/2016	12/17/2028
Little Canada	$2.75	$5.25	$40.00	$230.00	$15.50	$2.00	$3.00	07/2010	08/26/2023
Long Lake	$4.00	$6.00	$40.00	$160.00	$4.00	$4.00	$4.00	01/2021	07/01/2038
Madison Lake	$1.00	$1.00	$1.00	$1.00	$1.00	$1.00	$1.00	05/2013	02/03/2033
Mahtomedi	$1.30	$1.38	$14.40	$110.28	$12.71	$0.63	$14.84	01/2005	10/18/2024
Mankato	$1.00	$1.55	$16.50	$223.00	$1.00	$0.25	$1.00	02/2015	09/21/2034
Mantorville	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	11/2012	08/12/2032
Maplewood	$3.00	$4.75	$30.00	$180.00	$4.00	$4.00	$4.00	11/2018	09/26/2024

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(Continued on Sheet No. 5-93.3)

FRANCHISE AND OTHER CITY FEES (Continued)

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.
— Indicates fee is not applied

Franchise Fees									
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date
Minneapolis	5.0%	5.5% <100 kW	5.5% <100 kW	3.5% ≥100 kW at primary or higher voltage 5.5% ≥100 kW at secondary voltage	5.5%	5.5%	5.5%	03/2018	10/16/2024
Minnetonka	$4.50	$4.50	$13.50	$45.00	—	$4.50	$4.50	01/2019	05/14/2038
Monticello	$1.95	$5.50	$31.00	$190.00	$12.00	$12.00	$31.00	06/2007	05/31/2027
Montrose	$4.00	$8.00	$8.00	$8.00	—	—	—	01/2020	09/09/2032
Mound	$2.75	$2.75	$2.75	$2.75	$2.75	$2.75	$2.75	01/2017	08/11/2023
Mounds View	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	01/2019	12/31/2021
New Brighton	$0.0047 per kWh	$0.0043 per kWh	$0.0033 per kWh	$0.0017 per kWh	$0.0054 per kWh	$0.0046 per kWh	$0.0033 per kWh	03/2016	11/25/2022
New Hope	$3.00	$6.00	$26.00	$115.00	—	—	—	01/2017	06/26/2031
New Richland	$1.00	$1.00	$1.00	$1.00	—	—	—	02/2013	07/11/2024
Newport	$1.00	$1.50	$14.00	$70.00	$5.00	$1.00	$10.00	01/2011	10/18/2026
North Branch	$3.50	$3.50	$8.75	$17.50	—	—	—	08/2018	04/09/2038

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(Continued on Sheet No. 5-93.4)

FRANCHISE AND OTHER CITY FEES (Continued)

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.
— Indicates fee is not applied

Franchise Fees									
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date
North Mankato	$1.00	$1.55	$16.50	$223.00	$17.62	$1.46	$12.30	04/2015	10/05/2034
Oakdale	$1.50	$3.00	$10.00	$8.00	$6.00	$2.00	$8.00	11/2013	10/27/2023
Osseo	$1.28	$2.07	$17.57	$102.65	$6.20	$0.45	$2.55	03/2012	10/26/2023
Owatonna	$0.0016 per kWh Customer peak demand less than 100 kW in calendar year $0.0014 per kWh Customer peak demand greater than 100 kW in calendar year							01/2003	04/01/2022
Plymouth	$2.18	$3.28	$10.93	$43.71	—	—	—	08/2019	07/09/2027
Prior Lake	$1.50	$5.00	$10.00	$50.00	—	—	—	07/2006	03/19/2026
Richmond	$1.00	$1.00	$1.00	$1.00	—	—	—	05/2013	05/03/2031
Richfield	$4.10	$12.50	$30.00	$185.00	—	—	—	04/2014	03/12/2027
Robbinsdale	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	06/2019	07/01/2021
Rogers	$5.00	$7.00	$45.00	$210.00	$17.00	$12.00	$65.00	01/2016	11/22/2024
Sartell	$4.00	$6.75	$15.00	$109.00	—	—	—	01/2017	09/11/2036
Sauk Rapids	4.0% Customers who purchase $50,000 or less in calendar year 1.5% That part which exceeds $50,000 in calendar year							02/2016	06/15/2023
Shakopee[1]	3.0%	3.0%	3.0%	3.0%	—	—	—	01/2017	08/06/2021
Shoreview	$3.75	$5.00	$36.00	$340.00	—	—	—	01/2021	07/17/2031 R

[1] Shakopee: The fee collected shall total three percent (3%) of the Company's gross revenues from its operations within the City collected from each customer of each class. For customers in the Large C&I class, the three percent franchise fee is applicable to the first $950,000 of calendar year gross revenues. The franchise fee is reduced to one-half percent (0.5%) for the remaining amount of annual gross revenues exceeding $950,000.

(Continued on Sheet No. 5-93.5)

FRANCHISE AND OTHER CITY FEES (Continued)

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.
— Indicates fee is not applied

Franchise Fees									
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date
Shorewood	$4.00	$8.00	$10.00	$25.00	—	—	—	10/2018	06/24/2038
South St. Paul[1]	5.0%	5.0%	5.0%	5.0%	—	—	—	04/2018	04/05/2030
Spicer	$1.00	$1.00	$8.00	$8.00	—	—	—	02/2013	10/01/2032
Spring Lake Park	$0.80	$1.20	$8.50	$50.00	—	—	—	04/2015	01/04/2035
St. Cloud[2]	4.0%	4.0%	4.0%	4.0%	—	—	—	12/2017	12/31/2024
St. Joseph	$1.00	$1.75	$10.00	2% purchase ≤$100,000 in calendar year 1.5% that part >$100,000 in calendar year	$8.00	$1.00	$10.00	02/2004	11/19/2023
St. Louis Park	$5.50	$10.00	$46.50	$146.50	—	$10.00	$46.50	06/2019	09/18/2036
St. Michael	$3.50	$2.50	$2.50	$10.00	$10.00	$2.50	$10.00	05/2011	11/24/2023
St. Paul[3]	See fee schedule in the Notes section on the following sheets.							11/2006	08/31/2026
St. Paul Park	$1.50	$2.00	$25.00	$335.00	$10.00	$1.00	$5.00	08/2005	05/15/2025
Stillwater	$2.00	$2.50	$18.00	$125.00	$4.00	$2.00	$18.00	06/2015	02/16/2035

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[1] South St. Paul: The franchise fee excludes rate schedules for highway lighting, municipal street lighting, municipal water pumping, municipal traffic signals, municipal fire sirens, and municipal sewage disposal service.

[2] St. Cloud: The franchise fee for residential heating customers will be 1.5% during the months of November – April.

[3] St. Paul: The monthly franchise fee will be as stated on the following sheets. The residential service franchise fee will be as stated except during the months of November - April when there will be no fee. The fee shall not exceed $620,000 during any calendar year from any large commercial and industrial customer qualifying for service on the Competitive Market Rider. The schedule on the following sheets show the meter, energy, and demand factor for each year of the St. Paul franchise and for each of the customer classifications.

(Continued on Sheet No. 5-93.6)

FRANCHISE AND OTHER CITY FEES (Continued)

Notes:
[3] St. Paul (continued)

Customer Class	Meter Factor - Monthly Charge per Account				
Start Date	1-Nov-2006	1-Nov-2008	1-Nov-2010	1-Nov-2012	1-Nov-2014
End Date	31-Oct-2008	31-Oct-2010	31-Oct-2012	31-Oct-2014	31-Oct-2016
Residential (May - October)	$2.63	$2.70	$2.77	$2.84	$2.91
Small Commercial & Industrial					
Non-Demand	$2.96	$3.09	$3.22	$3.35	$3.48
Firm Secondary	$2.96	$3.09	$3.22	$3.35	$3.48
Firm Primary	$2.96	$3.09	$3.22	$3.35	$3.48
Interruptible Secondary	$2.96	$3.09	$3.22	$3.35	$3.48
Interruptible Primary	$2.96	$3.09	$3.22	$3.35	$3.48
Large Commercial & Industrial					
Special	$5.04	$5.11	$5.18	$5.25	$5.32
Firm Secondary	$5.04	$5.11	$5.18	$5.25	$5.32
Firm Primary	$5.04	$5.11	$5.18	$5.25	$5.32
Firm Trans. Transf.	$5.04	$5.11	$5.18	$5.25	$5.32
Interruptible Secondary	$5.04	$5.11	$5.18	$5.25	$5.32
Interruptible Primary	$5.04	$5.11	$5.18	$5.25	$5.32
Interruptible TT	$5.04	$5.11	$5.18	$5.25	$5.32
Standby Service	None	None	None	None	None
Public Street & Highway Lighting	$6.74	$6.81	$6.88	$6.95	$7.02
Small Municipal Pumping					
Non-Demand	$2.96	$3.09	$3.22	$3.35	$3.48
Demand Secondary	$2.96	$3.09	$3.22	$3.35	$3.48
Demand Primary	$2.96	$3.09	$3.22	$3.35	$3.48
Large Municipal Pumping					
Demand Primary (Sec cust)	$2.96	$3.09	$3.22	$3.35	$3.48
Fire and Civil Defense Siren Service	$2.96	$3.09	$3.22	$3.35	$3.48

(Continued on Sheet No. 5-93.7)

FRANCHISE AND OTHER CITY FEES (Continued)

Notes:
[3] St. Paul (continued)

Customer Class	Meter Factor - Monthly Charge per Account				
Start Date	1-Nov-2016	1-Nov-2018	1-Nov-2020	1-Nov-2022	1-Nov-2024
End Date	31-Oct-2018	31-Oct-2020	31-Oct-2022	31-Oct-2024	31-Aug-2026
Residential (May - October)	$3.03	$3.15	$3.27	$3.40	$3.54
Small Commercial & Industrial					
Non-Demand	$3.62	$3.76	$3.91	$4.07	$4.23
Firm Secondary	$3.62	$3.76	$3.91	$4.07	$4.23
Firm Primary	$3.62	$3.76	$3.91	$4.07	$4.23
Interruptible Secondary	$3.62	$3.76	$3.91	$4.07	$4.23
Interruptible Primary	$3.62	$3.76	$3.91	$4.07	$4.23
Large Commercial & Industrial					
Special	$5.53	$5.75	$5.98	$6.22	$6.47
Firm Secondary	$5.53	$5.75	$5.98	$6.22	$6.47
Firm Primary	$5.53	$5.75	$5.98	$6.22	$6.47
Firm Trans. Transf.	$5.53	$5.75	$5.98	$6.22	$6.47
Interruptible Secondary	$5.53	$5.75	$5.98	$6.22	$6.47
Interruptible Primary	$5.53	$5.75	$5.98	$6.22	$6.47
Interruptible TT	$5.53	$5.75	$5.98	$6.22	$6.47
Standby Service	None	None	None	None	None
Public Street & Highway Lighting	$7.30	$7.59	$7.90	$8.21	$8.54
Small Municipal Pumping					
Non-Demand	$3.62	$3.76	$3.91	$4.07	$4.23
Demand Secondary	$3.62	$3.76	$3.91	$4.07	$4.23
Demand Primary	$3.62	$3.76	$3.91	$4.07	$4.23
Large Municipal Pumping					
Demand Primary (Sec cust)	$3.62	$3.76	$3.91	$4.07	$4.23
Fire and Civil Defense Siren Service	$3.62	$3.76	$3.91	$4.07	$4.23

(Continued on Sheet No. 5-93.8)

FRANCHISE AND OTHER CITY FEES (Continued)

Notes:
[3] St. Paul (continued)

Customer Class	Energy Factor - Monthly Charge per kWh				
Start Date	1-Nov-2006	1-Nov-2008	1-Nov-2010	1-Nov-2012	1-Nov-2014
End Date	31-Oct-2008	31-Oct-2010	31-Oct-2012	31-Oct-2014	31-Oct-2016
Residential (May - October)	$0.0094	$0.0095	$0.0096	$0.0097	$0.0098
Small Commercial & Industrial					
Non-Demand	$0.0040	$0.0040	$0.0040	$0.0040	$0.0040
Firm Secondary	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Firm Primary	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Interruptible Secondary	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Interruptible Primary	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Large Commercial & Industrial					
Special	$0.0028	$0.0028	$0.0028	$0.0028	$0.0028
Firm Secondary	$0.0013	$0.0013	$0.0013	$0.0013	$0.0013
Firm Primary	$0.0013	$0.0013	$0.0013	$0.0013	$0.0013
Firm Trans. Transf.	$0.0013	$0.0013	$0.0013	$0.0013	$0.0013
Interruptible Secondary	$0.0013	$0.0013	$0.0013	$0.0013	$0.0013
Interruptible Primary	$0.0013	$0.0013	$0.0013	$0.0013	$0.0013
Interruptible TT	$0.0013	$0.0013	$0.0013	$0.0013	$0.0013
Standby Service	None	None	None	None	None
Public Street & Highway Lighting	$0.0040	$0.0040	$0.0040	$0.0040	$0.0040
Small Municipal Pumping					
Non-Demand	$0.0040	$0.0040	$0.0040	$0.0040	$0.0040
Demand Secondary	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Demand Primary	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Large Municipal Pumping					
Demand Primary (Sec cust)	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018
Fire and Civil Defense Siren Service	$0.0018	$0.0018	$0.0018	$0.0018	$0.0018

(Continued on Sheet No. 5-93.9)

FRANCHISE AND OTHER CITY FEES (Continued)

Notes:
[3] St. Paul (continued)

Customer Class	Energy Factor - Monthly Charge per kWh				
Start Date	1-Nov-2016	1-Nov-2018	1-Nov-2020	1-Nov-2022	1-Nov-2024
End Date	31-Oct-2018	31-Oct-2020	31-Oct-2022	31-Oct-2024	31-Aug-2026
Residential (May - October)	$0.0102	$0.0106	$0.0110	$0.0115	$0.0119
Small Commercial & Industrial					
Non-Demand	$0.0042	$0.0043	$0.0045	$0.0047	$0.0049
Firm Secondary	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Firm Primary	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Interruptible Secondary	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Interruptible Primary	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Large Commercial & Industrial					
Special	$0.0029	$0.0030	$0.0031	$0.0033	$0.0034
Firm Secondary	$0.0014	$0.0014	$0.0015	$0.0015	$0.0016
Firm Primary	$0.0014	$0.0014	$0.0015	$0.0015	$0.0016
Firm Trans. Transf.	$0.0014	$0.0014	$0.0015	$0.0015	$0.0016
Interruptible Secondary	$0.0014	$0.0014	$0.0015	$0.0015	$0.0016
Interruptible Primary	$0.0014	$0.0014	$0.0015	$0.0015	$0.0016
Interruptible TT	$0.0014	$0.0014	$0.0015	$0.0015	$0.0016
Standby Service	None	None	None	None	None
Public Street & Highway Lighting	$0.0042	$0.0043	$0.0045	$0.0047	$0.0049
Small Municipal Pumping					
Non-Demand	$0.0042	$0.0043	$0.0045	$0.0047	$0.0049
Demand Secondary	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Demand Primary	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Large Municipal Pumping					
Demand Primary (Sec cust)	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022
Fire and Civil Defense Siren Service	$0.0019	$0.0019	$0.0020	$0.0021	$0.0022

(Continued on Sheet No. 5-93.10)

FRANCHISE AND OTHER CITY FEES (Continued)

Notes:
[3] St. Paul (continued)

Customer Class	Demand Factor - Monthly Charge per kW				
Start Date	1-Nov-2006	1-Nov-2008	1-Nov-2010	1-Nov-2012	1-Nov-2014
End Date	31-Oct-2008	31-Oct-2010	31-Oct-2012	31-Oct-2014	31-Oct-2016
Residential (May - October)	None	None	None	None	None
Small Commercial & Industrial					
Non-Demand	None	None	None	None	None
Firm Secondary	$1.10	$1.10	$1.10	$1.10	$1.10
Firm Primary	$1.06	$1.06	$1.06	$1.06	$1.06
Interruptible Secondary	$1.10	$1.10	$1.10	$1.10	$1.10
Interruptible Primary	$1.06	$1.06	$1.06	$1.06	$1.06
Large Commercial & Industrial					
Special	None	None	None	None	None
Firm Secondary	$1.10	$1.10	$1.10	$1.10	$1.10
Firm Primary	$1.06	$1.06	$1.06	$1.06	$1.06
Firm Trans. Transf.	$1.06	$1.06	$1.06	$1.06	$1.06
Interruptible Secondary	$0.81	$0.81	$0.81	$0.81	$0.81
Interruptible Primary	$0.71	$0.71	$0.71	$0.71	$0.71
Interruptible TT	$0.51	$0.54	$0.57	$0.60	$0.63
Standby Service	$0.30	$0.33	$0.36	$0.39	$0.42
Public Street & Highway Lighting	None	None	None	None	None
Small Municipal Pumping					
Non-Demand	None	None	None	None	None
Demand Secondary	$1.10	$1.10	$1.10	$1.10	$1.10
Demand Primary	$1.06	$1.06	$1.06	$1.06	$1.06
Large Municipal Pumping					
Demand Primary (Sec cust)	$1.06	$1.06	$1.06	$1.06	$1.06
Fire and Civil Defense Siren Service	$1.06	$1.06	$1.06	$1.06	$1.06

(Continued on Sheet No. 5-93.11)

FRANCHISE AND OTHER CITY FEES (Continued)

Notes:
[3] St. Paul (continued)

Customer Class	Demand Factor - Monthly Charge per kW				
Start Date	1-Nov-2016	1-Nov-2018	1-Nov-2020	1-Nov-2022	1-Nov-2024
End Date	31-Oct-2018	31-Oct-2020	31-Oct-2022	31-Oct-2024	31-Aug-2026
Residential (May - October)	None	None	None	None	None
Small Commercial & Industrial					
Non-Demand	None	None	None	None	None
Firm Secondary	$1.14	$1.19	$1.24	$1.29	$1.34
Firm Primary	$1.10	$1.15	$1.19	$1.24	$1.29
Interruptible Secondary	$1.14	$1.19	$1.24	$1.29	$1.34
Interruptible Primary	$1.10	$1.15	$1.19	$1.24	$1.29
Large Commercial & Industrial					
Special	None	None	None	None	None
Firm Secondary	$1.14	$1.19	$1.24	$1.29	$1.34
Firm Primary	$1.10	$1.15	$1.19	$1.24	$1.29
Firm Trans. Transf.	$1.10	$1.15	$1.19	$1.24	$1.29
Interruptible Secondary	$0.84	$0.88	$0.91	$0.95	$0.99
Interruptible Primary	$0.74	$0.77	$0.80	$0.83	$0.86
Interruptible TT	$0.66	$0.68	$0.71	$0.74	$0.77
Standby Service	$0.44	$0.45	$0.47	$0.49	$0.51
Public Street & Highway Lighting	None	None	None	None	None
Small Municipal Pumping					
Non-Demand	None	None	None	None	None
Demand Secondary	$1.14	$1.19	$1.24	$1.29	$1.34
Demand Primary	$1.10	$1.15	$1.19	$1.24	$1.29
Large Municipal Pumping					
Demand Primary (Sec cust)	$1.10	$1.15	$1.19	$1.24	$1.29
Fire and Civil Defense Siren Service	$1.10	$1.15	$1.19	$1.24	$1.29

(Continued on Sheet No. 5-93.12)

FRANCHISE AND OTHER CITY FEES (Continued)

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local governmental unit.
— Indicates fee is not applied

Franchise Fees										
City	Residential	Small C&I Non-demand	Small C&I Demand	Large C&I	Public Street Lighting	Municipal Pumping Non-demand	Municipal Pumping Demand	Effective Date	Expiration Date	
Vadnais Heights	$4.00	$6.00	$26.00	$120.00	—	—	—	01/2021	01/01/2038	R
Victoria	$3.00	$10.00	$10.00	$10.00	—	—	—	02/2017	10/09/2036	
Waite Park	$4.00	$6.75	$15.00	$109.00	—	—	—	01/2019	06/10/2032	
Watertown	$3.00	$4.50	$16.00	$51.00	—	$13.50	$21.00	04/2010	04/10/2027	
Wayzata	$2.06	$4.64	$4.64	$15.45	$1.03	$1.03	$1.03	03/2011	11/30/2026	
White Bear Lake	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	05/2018	01/08/2038	
Winona	4.0% Customers who purchase $100,000 or less in calendar year 1.5% That part which exceeds $100,000 in calendar year							06/2003	06/15/2023	
Winsted	$2.00	$2.00	$2.00	$2.00	—	—	—	05/2012	12/19/2031	

(Continued on Sheet No. 5-93.13)

FRANCHISE AND OTHER CITY FEES

Franchise and other city fees, as designated below will be included in the customers' monthly bills computed under the indicated rate classes and effective in the following Minnesota communities:

The Company remits 100% of these fees collected from ratepayers to the local government unit.*
(U) Indicates unincorporated community

Other City Fees				
City	**Description**	**Effective Date**	**Expiration Date**	
West St. Paul	Pursuant to city code, the Company collects a 6.0% gross revenue tax derived from the sale of electricity within the City of West St. Paul. The amount collected is remitted to the City of West St. Paul.	07/2019	--	RC C
FEES NOT REMITTED DIRECTLY TO CITY				
Baker (U)	The Company collects a fee of $3.25 per residential and small commercial and industrial customer in the community of Baker for energy usage and maintenance on community street lighting. The amount collected is applied to Baker's street lighting bill.	03/1994	--	

*Except Baker. See above.

CANCELED C

DISCOUNT PROGRAM D
Eligible Senior and / or Disabled customers receive a $15 discount in each monthly billing period. Customers must be certified annually by an authorized agency as receiving assistance from the Low Income Home Energy Assistance Program. N N N

PowerOn PROGRAM
Eligible Seniors and / or Disabled, and Customers Under 62 Years of Age with no Disability.
A customer using more than 3% of their annual household income for electric use may be eligible for the Company's PowerOn affordability program. Customers must be certified annually by an authorized agency as receiving assistance from the Low Income Home Energy Assistance Program. The Company will offer customers with the lowest income, and a history of electric consumption that exceeds the residential average of 750 kWh per month, an affordable monthly bill. For a customer to be eligible for a supplemental reduction in their electric bill, the customer must agree to affordable monthly payments. N N

Medical Affordability PROGRAM N
Available to customers with certified medical circumstances and an income level up to 50 percent of the state median income guidelines. Availability will be extended to medically certified customers with income up to 60 percent of the state median income guidelines if funds are available. Availability is on a first-come/first-served basis until the budget is exhausted.

- Affordability Credit: Participating customers will receive an affordability credit limiting their bill to 3% of household income.
- Arrearage Credit: Participating customers will receive an arrearage credit. Receipt of the arrearage forgiveness credit will require a customer copayment that does not exceed 3% of the customer's annual income. The arrearage credit is designed to eliminate customer arrears over a period of 12 to 24 months.
- Customer Payment Requirements: Participating customers that miss two consecutive monthly payments will be removed from the program and subject to regular collection practices, including service disconnection. N

TERMS AND CONDITIONS OF SERVICE

1. The company will review current billing information, approved LIHEAP benefits and household income to make payment arrangements with the customer. A mutually agreed to payment plan will be offered to the customer and a payment schedule provided.

2. Customer must maintain an active account registered under customer's name with the Company to be eligible for this discount Rider.

3. Customers receiving assistance from LIHEAP with electric service through one meter for domestic and non-domestic purposes jointly may be eligible for this Discount Rider subject to Company's verification and approval. The Company shall determine the kWh use that is for domestic purposes. This Discount Rider only applies to kWh use for domestic purposes.

(Continued on Sheet No. 5-96)

TERMS AND CONDITIONS OF SERVICE (Continued)

4. Qualified customers are only eligible to receive an energy discount under this Rider at one residential location at any one time and the discount only applies to a qualified customer's permanent primary residence. This Rider will not be available when, in the opinion of the Company, the customer's accommodation or occupancy is of temporary nature.

5. The discount shall be prospective and may not be applicable to past due bills or non-electric services.

6. An annual application and eligibility declaration is required for each request for service under this Rider. Without declaration of continuing eligibility, the discount ends in the September calendar month of each year.

7. It is the customer's responsibility to notify the Company if there is a change of address or eligibility status.

8. Discounts will be credited to the eligible customer bills one billing month after Company's receipt of notification of LIHEAP certification. The applicable discount under this Rider will be retroactive to the October billing month during that same LIHEAP fiscal year.

9. Refusal or failure of a customer or agencies to provide documentation of eligibility acceptable to the Company may result in removal from this Rider.

10. Customers may be rebilled for periods of ineligibility under the applicable rate schedule.

11. This Rider shall meet the conditions of Minnesota Statutes, Chapter 216B.16, Subd. 14 on low income discount rates.

PROGRAM SURCHARGE

Rider program costs shall be recovered in the following per month amounts, with the total surcharge as a separate line item on customer billing statements:

Service Category	Base	PowerOn	Medical Affordability	Total	
Residential	$0.58	$0.21	$0.19	$0.98	R
C&I Non-Demand	$0.78	$0.26	$0.23	$1.27	R
C&I Demand	$2.34	$0.66	$0.60	$3.60	R

Xcel Energy customers who receive LIHEAP assistance in the current LIHEAP year (October 1–September 30) and Lighting class service customers are exempt from paying the program surcharge.

AVAILABILITY

Available to Residential Service customers with:

1. Company controlled central air conditioning, or
2. Company controlled heat pumps receiving Energy Controlled Service (Non-Demand Metered) with optional non-interruptible service during June through September.

Company controlled electric water heating is also available to residential customers with a controlled central air conditioner or heat pump, except electric water heaters served with the Energy Controlled Service (Non-Demand Metered) rate schedule. Availability is limited to customers located in areas which are within the operating range of radio control transmitters.

~~In addition, customer bills under this rate are subject to the following adjustments and/or charges.~~ Customers under this rider will be subject to the following credit: T

RIDER

Residential Central Air Conditioning. ~~A 15% discount will apply to the energy and fuel cost charges up to a maximum of 4,000 kWh per month during the billing months of June through September.~~A $10 monthly bill credit will be applied for the billing months of June through September. The maximum monthly credit is the monthly base energy charge. C C C C

Residential Electric Water Heating. ~~A 2% discount will apply to the energy and fuel cost charges up to a maximum of 4,000 kWh per month during each billing month provided total energy use is not less than 300 kWh.~~A $2 monthly bill credit will be applied for all billing months provided total monthly energy use is not less than 300 kWh. C C C C

TERMS AND CONDITIONS OF SERVICE

1. The duration and frequency of interruptions will be determined by Company. Customer's air conditioning equipment will normally be cycled on a schedule designed to achieve a 50% reduction in the homes air conditioning requirements during load management period. Air conditioning interruptions will normally occur on high demand days during summer months. Water heating interruptions will normally occur on high demand days during summer and winter months. Interruption will normally be based on meeting peak demands and system economic dispatch requirements of Company. However, interruption may also occur at times when, in the Company's opinion, the reliability of the system may be at risk. Air conditioning and water heating interruptions will not normally occur during the observation day of the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. The interruptions as described above, will be made so as to benefit native load and may occur up to a maximum of 300 hours per calendar year.

2. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

3. To be eligible for this service, customer must agree to Company load control for a minimum term of one year.

(Continued on Sheet No. 5-98)

TERMS AND CONDITIONS OF SERVICE (Continued)

4. The storage capacity of the water heater shall be 40 gallons or more in order to be eligible for this service.

~~5. The residential central air conditioning energy charge discount for Energy Controlled Service (Non-Demand Metered) customers will also apply to their standard service energy charge.~~ D D

~~6.~~5. Rider availability for heat pump installations is limited to those sized for summer cooling requirements, as determined by Company. T

AVAILABILITY
Available to non-residential customers with Company controlled central air conditioning. Availability is restricted to customers with single and/or dual stage air conditioning units.

RIDER
A $5.00 per ton per month credit shall be applied to customer's bill during each of the four summer billing months (June through September).

TERMS AND CONDITIONS OF SERVICE

1. The duration and frequency of interruptions will be determined by the Company. Customer single and dual stage air conditioners will be cycled on a schedule designed to achieve a 50% reduction in the building air conditioning requirements during a load management period. Dual stage air conditioners will be allowed to have the first stage run without interruption while the second stage will be shut off for the entire load management period. Air conditioning interruptions will normally occur on high demand days during summer months. Interruption will normally be based on meeting peak demands and system economic dispatch requirements of Company. However, interruption may also occur at times when, in the Company's opinion, the reliability of the system may be at risk. Air conditioning interruptions will not normally occur during the observation day of the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. The interruptions as described above, will be made so as to benefit native load and may occur up to a maximum of 300 hours per calendar year.

2. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

3. To be eligible for this service, customer must be on Small General Service, Small General Time of Day Service, General Service, or General Time of Day Service and customer must agree to Company load control for no less than one year.

4. Rider will not be available to customers that have an air conditioning system which significantly exceeds summer cooling requirements, as determined by Company.

5. Company will normally control every air conditioning unit at the customer's building. Subject to Company approval, customers may exclude individual air conditioning units from Company control where those units serve either a sufficiently isolated area within a building or a separate building.

6. Availability is limited to customers located within the operating range of radio control transmitters.

7. Those air conditioning units that the Company is not able to install equipment on will be excluded.

(Continued on Sheet No. 5-99.1)

TERMS AND CONDITIONS OF SERVICE (Continued)

8. If the Company determines that its load management equipment on the customer's premises has been rendered ineffective due to tampering by use of mechanical, electrical, or other devices or actions, then the Company may discontinue the customer's participation in the program. The customer would be billed for all expenses involved with the removal of the load management equipment and any charges resulting from the investigation of the device tampering. The Company may rebill all prior load management credits received by the customer to the date the tampering appears to have first occurred or the previous twelve months, which ever is longer. The customer will be removed from the program and is not eligible to participate again for twelve months. The Company will verify installation has been corrected before the customer is permitted to participate in the program.

OFF SEASON LOAD RIDER

AVAILABILITY

Available to any General Service customer whose maximum monthly demand occurs during the usage months of April, May, October, or November. Typical applications would be agricultural grain drying and handling loads.

RATE

The General Service rate provisions apply except the adjusted demands established during the usage months of April, May, October, and November are not included in determining the 50% demand ratchet contained in the General Service determination of demand provision.

TERMS AND CONDITIONS OF SERVICE

1. The customer's usage months for this Rider must be contained by the following meter reading schedule. The two month fall season begins no earlier than the billing cycle 11 meter reading date in mid-September and ends no later than the billing cycle 10 meter reading date in mid-December. The two month spring season begins no earlier than the billing cycle 11 meter reading date in mid-March and ends no later than the billing cycle 10 meter reading date in mid-June.

2. Customer must compensate Company for the costs associated with local distribution facilities required to serve customer load during the months of April, May, October, and November, which is in excess of customer's base load during the remaining months.

AVAILABILITY

Applicable to customers that use a customer-sited generation source with a capacity greater than 100 kW to serve a defined portion of the customer's total electric energy requirements and where customer chooses to use the Company's electric service to serve that defined load when the customer-sited generation is either partly or wholly unavailable. Customer must select one of the following services types: Firm Unscheduled Maintenance, Firm Scheduled Maintenance, or Non-Firm service. This Rider is not available to solar photovoltaic generation systems and is closed to new wind generation systems.

Under this tariff the Company will provide Standby Service in accordance with the provisions of this tariff as well as those of Section 2.4 of the General Rules and Regulations.

RATE

	Firm Standby		Non-Firm	
	Unscheduled Maintenance	Scheduled Maintenance	Standby	
Customer Charge per Month	~~$25.64~~$25.98	~~$25.64~~$25.98	~~$25.64~~$25.98	R
Reservation Demand Charge per Month per kW of Contracted Standby Capacity				
Secondary Voltage Service	~~$3.06~~$3.38	~~$2.96~~$3.28	~~$2.35~~$2.50	R
Primary Voltage Service	~~$2.26~~$2.68	~~$2.16~~$2.58	~~$1.55~~$1.80	R
Transmission Transformed Voltage Service	~~$1.51~~$1.63	~~$1.41~~$1.53	~~$0.80~~$0.75	R
Transmission Voltage Service	~~$0.71~~$0.88	~~$0.61~~$0.78	$0.00	R
Peak Period Standby Energy Surcharge per kWh				
June – September		~~$0.06312~~$0.07616		R
Other Months		~~$0.04130~~$0.05282		R

Energy Charge per kWh. All energy used under this Rider will be charged at the applicable energy rate of the base tariff to which this Rider is attached and is not applicable to the base tariff Energy Charge Credit.

STANDBY ENERGY USAGE

Standby energy usage occurs when the customer-sited generation source output in kW is less than contracted standby kW capacity. Standby energy usage in kWh is measured in 15-minute intervals and is defined as the kWh energy associated with constant operation of customer-sited generation at the contract standby kW capacity level less actual energy production of customer-sited generation, but not less than zero kWh for each 15-minute interval. Actual energy production of customer-sited generation will be measured by Company-owned and installed production metering equipment.

(Continued on Sheet No. 5-101.1)

PEAK PERIOD STANDBY ENERGY USAGE N
Peak period standby energy usage is the amount of Standby Energy Usage occurring during the peak period N
that does not occur during a qualifying scheduled maintenance period or is associated with Non-Firm service. N
Peak period standby energy usage is subject to the Peak Period Standby Energy Surcharge. N

DEFINITION OF PEAK PERIOD N
Peak period hours are the six hours between 1:00 p.m. and 7 p.m. for all days. N

In addition, customer bills under this rate are subject to the following adjustments and/or charges. L

FUEL CLAUSE L
Bills are subject to the adjustments provided for in the Fuel Clause Rider. L

RESOURCE ADJUSTMENT L
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5. L

(Continued on Sheet No. 5-102)

L

DETERMINATION OF DEMAND

The billing demand in kW for application to the Standby Service Reservation Demand Charge rate will be the contracted Standby capacity specified in the customer's Electric Service Agreement, which is the maximum capacity of Standby Service the Company is obligated to supply, and is the amount of load expected to be served by the customer-sited generation source. In no case shall the contracted Standby capacity be established at more than the capacity of the customer-sited generation source. Contracted Standby capacity may be different for the summer and winter seasons or by month. C

The metered capacity in kW supplied by Company for Standby Energy Usage by customer will be excluded from the actual demand in kW used to determine any billed demand for the base tariff to which this Rider is attached. This exclusion is determined as the maximum total customer demand, defined as the total of capacity supplied by the customer-sited generation source and the Company measured in 15-minutes intervals, less contracted Standby capacity. All demand measurements will be determined with Company owned and installed meters. The exclusion of capacity supplied by Company for Standby Energy Usage by customer from any base tariff determination of demand calculation is represented by the equation: Base tariff actual demand in kW = Site load (Company supplied capacity in kW measured by the base tariff service meter + Customer supplied capacity in kW measured by production metering of customer-sited generation) – Contracted Standby capacity in kW as determined by the customer nomination in effect for the applicable billing period.

Any billing demand in kW for the base tariff to which this Rider is attached will be calculated using the applicable determination of demand provision defined in the base tariff. For a time of day base tariff, the on-peak and off-peak periods used for billed demand calculations will be based on the definition of peak periods included in the time of day base tariff. C

TERMS AND CONDITIONS OF SERVICE

1. Standby Service Rider is applicable to any customer who requires greater than 100 kW of Standby capacity. Standby Service may not be used by a customer to serve controllable demand that is subject to interruption as determined by the Company under the Company's controllable service schedules.

(Continued on Sheet No. 5-103)

TERMS AND CONDITIONS OF SERVICE (Continued)

2. Customer will execute an Electric Service Agreement with the Company which will specify:
   a. Type of Standby Service elected by the customer and the base tariff to which this Rider is attached.
   b. The total Standby capacity requirements for which Company will be providing Standby power and to which the Standby Service reservation rate applies as well as the expected level of standard service the customer will take, even if the standard service level is expected to be zero. T
   c. The process and requirements for nominating contracted Standby capacity, including seasonal or monthly levels. N N

3. The Company's standard service meter will be detented to measure only the amount of capacity and energy provided by the Company to the customer.

4. Company will not be obligated to supply Standby Service to back-up a customer's generator at a level in excess of the Standby capacity for which customer has contracted. This restriction in no way limits the amount of standard service the customer requires from the Company under the standard service tariff to which this Rider is attached. Any limits on standard service are governed by the provisions contained in the standard service tariffs.

5. Customer will be liable for all damages allowed by law to the extent caused by customer's use of Standby power in excess of contracted Standby capacity.

6. Company will require customer to revise the Electric Service Agreement to contract for additional Standby capacity if the customer exceeds the contract amount in any three of the preceding 12 months.

7. Customer will annually furnish documentation to Company confirming the maximum capacity and reliability of the power source for which customer requires Standby Service. The Company and the customer will review the actual output and performance of the power source relative to the capacity nominated for Standby Service in the Electric Service Agreement. If this review shows a significant and consistent shortfall between the power source's actual performance and the nominated capacity due to factors reasonably within the customer's control, the Company will notify the customer of its intent to refuse to provide Standby Service. Upon receipt of such notice, the customer may agree to reduce the Standby Service nomination in its Electric Service Agreement or to take such action as necessary to operate the power source at or reasonably near the nominated Standby Service capacity. If the customer's power source does not operate at or reasonably near that level during the 12 months immediately following the Company's notice, the Company may refuse to provide Standby Service until such time as the customer agrees to reduce its Standby Service nomination or provide the Company with documentation demonstrating the power source's actual performance at or reasonably near the nominated Standby Service capacity for a trial period of three consecutive months.

8. Customer will remain on Standby Service for a period of not less than 12 months.

(Continued on Sheet No. 5-104)

TERMS AND CONDITIONS OF SERVICE (Continued)

9. In the event Company provides advance notice to customer of expected system peak load conditions for a specified time period and customer uses unscheduled standby backup demand during that time period, the backup demand quantity used will be billed at the firm service demand charge from the base tariff to which this Rider is attached instead of the Reservation Demand charge. The quantity of unscheduled standby backup demand used for this provision will be the maximum 15-minute measured interval of unscheduled standby backup demand used during the specified system peak hours, measured as contracted standby capacity less the capacity provided by the customer-sited generation source. Company notice of expected system peak load conditions for this provision will be provided through the same means Company uses to notify interruptible customers of an interruption requirement. N N N N N N N N N

10. Company will install and charge customer for the additional metering necessary, to allow for determining Peak Period Standby Energy usage. In particular, the Company will install a separate meter that measures the flow of power and energy from the customer's own generating facility. Customer shall reimburse the Company for the costs of installing, operating, and maintaining the required additional metering and for any other facilities required to serve the customer's Standby load. If, as a result of the customer's construction and installation of their generating facility, it is more practical for the customer to install some or all of the metering equipment required, the customer may be permitted to do so, subject to Company's approval of such equipment. LC C L

(Continued on Sheet No. 5-105)

ADDITIONAL TERMS AND CONDITIONS OF SERVICE ASSOCIATED WITH THE SCHEDULED MAINTENANCE OPTION

1. The optional Scheduled Maintenance rates are available to Standby Service customers who agree to schedule maintenance of their power source during qualifying scheduled maintenance periods.

2. Qualifying Scheduled Maintenance Periods

   Maintenance may occur within the calendar months of April, May, October, and November without written customer notice to Company prior to the beginning of the maintenance period regardless of the size of the contracted Standby capacity.

   In other months for customers with a base time of day tariff to which this Rider is attached, regardless of the size of the contracted Standby capacity, scheduled maintenance may occur, with Company approval, during weekends and holidays as identified in the time of day base tariff, where a documented customer request is provided no less than 48 hours prior to the beginning of the planned maintenance period. Company will endeavor to approve or deny the customer request within 24 hours of receiving the request.

   For months other than April, May, October, and November, customers with a minimum contracted Standby capacity of 1,000 kW may schedule maintenance at a time period mutually agreed to by Company and customer, following a documented customer request. These time periods for scheduled maintenance will normally not include those times when Company expects high system seasonal peak load conditions or high energy production costs.

   Customer shall provide an annual projection of scheduled maintenance to the Company. Customer shall be allowed changes or additions to this projection upon notice to the Company based on the following schedule:

Outage Length	Required Notice
Less than 72 hours	24 hours
3 days to 30 days	7 days
Over 30 days	90 days

3. The duration of qualifying scheduled maintenance periods may not exceed a total of 56 days in any 12 month period.

(Continued on Sheet No. 5-106)

ADDITIONAL TERMS AND CONDITIONS OF SERVICE ASSOCIATED WITH THE SCHEDULED MAINTENANCE OPTION (Continued) T C

4. If customer does not comply with all terms and conditions for qualifying scheduled maintenance periods during any billing month, all use of Standby Service for the same month will be subject to the Peak Period Standby Energy charge provision. Company may determine partial non-compliance and limit the quantity of Standby Service usage subject to the Peak Period Standby Energy charge provision. Company reserves the right to remove availability of the Scheduled Maintenance Option for any customer upon a determination of significant and multiple occurrences of failure to comply with all associated terms and conditions.

5. The use of Standby Service during qualifying scheduled maintenance periods will not be included in the determination of Peak Period Standby Energy usage. C

(Continued on Sheet No. 5-107)

ADDITIONAL TERMS AND CONDITIONS OF SERVICE FOR NON-FIRM STANDBY OPTION

1. Non-firm standby rates are available to customers who agree to use Standby Service only by prearrangement with the Company.

2. Company makes no guarantee that Standby Service will be available to Non-Firm Standby Service customers; however, the Company will make reasonable efforts to provide Standby Service whenever possible.

3. Customer must request use of Standby Service and receive approval from the Company prior to actually using Standby Service.

4. Use of Standby Service without prior approval by the Company shall subject the Non-Firm Standby Service customer to the following:
   a. The monthly demand charges from the base tariff applied to the unapproved Standby Service used in the month in which unapproved use of Standby Service occurred, plus
   b. Firm Standby Service unscheduled maintenance option reservation fees retroactively applied to the six months prior to the month in which unapproved use of Standby Service occurred.

5. If unapproved use of Standby Service occurs twice in any 12 month period, the Company reserves the right to convert the Non-Firm Standby Service customer to Firm Standby Service.

6. Non-Firm Standby Service customers will remain on Non-Firm Standby Service for a period of not less than five years which includes a one year trial period.

AVAILABILITY

Applicability of Supplemental Service is similar to that of Standby Service Rider, where customers with an alternative generation source greater than 60 kW, which serves all or a portion of the customer's electric energy requirements and where customer chooses to use the Company's electric service when the alternative generation is either partly or wholly unavailable.

Specifically, Supplemental Service is targeted at applications where the output of the alternative generation is designed primarily to meet the customer's thermal-load requirements and as such, the generator's electric energy output is variable because it is dependent on the customer's thermal requirements.

The normal expectation of this Rider is that the customer will contract for a firm portion of their backup supply from the Company under the Standby Service Rider and will contract for the variable portion under this Supplemental Generation Service Rider. Each customer request for service under this Rider will be evaluated on a customer specific basis to determine eligibility.

Under this service, the Company will provide Supplemental Generation Service in accordance with the provisions of the General Rules and Regulations, Section 2.4.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RESERVATION RATES

Customer Charge per Month	~~$25.64~~$25.98	
Demand Charge per Month per kW of Contracted Supplemental Service		
Secondary Voltage Service	~~$3.40~~$3.83	R
Primary Voltage Service	~~$2.60~~$3.13	R
Transmission Transformed Voltage Service	~~$1.85~~$2.08	R
Transmission Voltage Service	~~$1.05~~$1.33	R

USAGE RATES

Demand Charge per Month per kW of Supplemental Generation Capacity Used. There will be no Usage Rate demand charge for Supplemental capacity actually used under this Rider except if that capacity is used during one of the Company's energy controlled or peak controlled interrupt periods. In such case, the demand will be charged as described below.

Energy Charge per kWh of Supplemental Generation Energy Used. Energy actually used under this Rider during normal time periods will be charged at the same energy and fuel cost charges as contained in the base tariff to which this Rider is attached. However, if energy is used during one of the Company's energy controlled or peak controlled interrupt periods, the energy will be charged as described below.

(Continued on Sheet No. 5-109)

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, and the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DETERMINATION OF SUPPLEMENTAL GENERATION DEMAND
The billing demand applicable to this Supplemental Generation Service Rider is determined separately from the billing demand applicable to the base tariff to which this Rider is attached. The billing demand for this Rider will be the quantity specified in the customer's Electric Service Agreement which is the maximum capacity of Supplemental Generation Service the Company is obligated to supply. The demand applicable to this Rider may be a different amount specified for each month where it is dependent on the variable thermal load requirements.

The amount of Supplemental Service capacity actually used by the customer, when customer's generator is wholly or partly out of service, will have no effect on the billing demand under the base tariff and will be subtracted from the total metered demand, to determine the demand for standard service, to which the base tariff demand charge applies. The amount of Supplemental Service capacity actually used, is the amount of the Supplemental Service capacity contracted for, less the actual capacity supplied by the customer's generating facilities (assuming it is operating, but not at full capacity) but not less than zero. For applying the Usage Rate, as referenced in Section 10 below of this Rider, the Supplemental Generation Demand will be the maximum actual demand (as adjusted for power factor) that is supplied by the Company to serve that portion of the customer's load, up to the contracted Supplemental Generation Capacity, not served by the customer's alternative source of electric energy supply.

(Continued on Sheet No. 5-110)

DETERMINATION OF SUPPLEMENTAL GENERATION ENERGY

Supplemental Generation Energy shall be that portion of the customer's total energy requirements provided by the Company to supplement the customer's generation. Supplemental Generation Energy shall be calculated hourly, and shall be Supplemental Generation Capacity for which the customer has contracted, less generation output above the contracted Standby capacity (as defined in the Standby Service Rider), but not less than zero.

TERMS AND CONDITIONS OF SERVICE

1. This Supplemental Generation Service Rider is applicable to any customer who requires greater than 60 kW of backup capacity from the Company. Supplemental Generation Service may not be used by a customer to serve controllable demand that is subject to interruption as determined by the Company under the Company's controllable service schedules.

   The Company and customer will develop and attach to the Electric Service Agreement, a load control procedure for the customer that specifies the customer's demand side load reductions or alternative generation capacity the customer intends to use to avoid Supplemental Generation Demand Usage Rate charges. This attachment will specifically state that when customer has been notified that an energy control or peak control period has been initiated, the customer must reduce the load served by Company by an amount equal to the difference between actual generator output and contracted Supplemental Generation Capacity. Additionally, the customer's demand served under the base tariff to which this rider is attached, shall not increase during any energy control or peak control period. If customer fails at either of these requirements, customer will incur Supplemental Generation usage charges as defined in Section 10 below.

2. Customer will execute an Electric Service Agreement with the Company which will specify:
   a. Type of Standby Service elected by the customer under the Standby Service Rider and the base tariff to which the Standby and Supplement Service Riders are attached,
   b. The individual and total capacity requirements for which Company will be providing Standby and Supplemental Generation Service and to which the respective Rider charges apply, and
   c. The expected initial level of firm service the customer will take under their base tariff, even if that expected level is zero, as well as any expected changes in load over the term of the agreement.

(Continued on Sheet No. 5-111)

TERMS AND CONDITIONS OF SERVICE (Continued)

3. The Company's standard service meter will be detented to measure only the amount of capacity and energy provided by the Company to the customer.

4. Company will not be obligated to supply Supplemental Generation Service to backup a customer's generator at a level in excess of the Supplemental Generation Capacity for which customer has contracted. This restriction in no way limits the amount of standard service the customer requires from the Company under the base tariff to which this Rider is attached. Any limits on standard service are governed by the provisions contained in the standard service tariffs.

5. Customer will be liable for all damages allowed by law to the extent caused by customer's use of Supplemental power in excess of contracted Supplemental Generation Capacity.

6. Company will require customer to revise the Electric Service Agreement to contract for additional Supplemental Generation Capacity if the customer exceeds the contract amounts in any three of the preceding 12 months.

7. Customer will annually furnish documentation to Company confirming the maximum capacity and reliability of the power source for which customer requires Supplemental Generation Service. Company and customer will review actual output and performance of the power source relative to the capacity nominated for Supplemental Generation Service in the Electric Service Agreement. If this review shows a significant and consistent shortfall between the power source's actual performance and the nominated capacity due to factors reasonably within customer's control, Company will notify customer of its intent to refuse to provide Supplemental Generation Service. Upon receipt of such notice, customer may agree to reduce the Supplemental Generation Service nomination in its Electric Service Agreement or to take such action as necessary to operate the power source at or reasonably near the nominated Supplemental Generation Service Capacity. If customer's power source does not operate at or reasonably near that level during the 12 months immediately following Company's notice, Company may refuse to provide Supplemental Generation Service until such time as customer agrees to reduce its Supplemental Generation Service nomination or provide Company with documentation demonstrating the power source's actual performance at or reasonably near the nominated Supplemental Generation Service for a trial period of three consecutive months.

8. Customer will remain on Supplemental Generation Service for a period of not less than 12 months.

(Continued on Sheet No. 5-112)

TERMS AND CONDITIONS OF SERVICE (Continued)

9. Customer will be allowed to take Supplemental Generation Energy from the Company at any time, up to the maximum contracted level of Supplemental Generation Demand, without incurring any usage demand charges except during the periods listed below.

10. In the event customer requires Supplemental Generation Service during one of the Company's energy control periods, customer will pay for the Supplemental Generation Energy used during the energy control period at the applicable control period energy rate as listed in Company's Energy Controlled Service tariff.

    In the event customer requires Supplemental Generation Service during one of the Company's peak control periods, as defined in the Rules for Application of Peak Controlled Services, customer will pay for the Supplemental Generation Energy used during the peak control period at twice the applicable control period energy rate as listed in Company's Energy Controlled Service tariff plus a fee of $10.00 per kW of maximum Supplemental Generation Capacity used during the peak control period.

    However, if this use occurs at the times of Company's system peak hours in which the Company would have insufficient Accredited Capacity under the Midwest Reliability Organization (MRO) or any successor organization, and the Company incurs additional capacity costs as a result of such Supplemental Generation Service used by customer, customer shall pay Peak Demand Charges for the month in which such Supplemental Generation Service use occurs and for each of the five succeeding months, instead of the above listed demand charges and/or Reservation Fees. Such Peak Demand Charges shall be based upon the following:

    a. If customer has notified Company of the need to use Supplemental Generation Service at least three hours prior to Company's system peak hour, such Supplemental Generation Peak Demand charges shall be based on one-sixth of any additional capacity costs incurred by the Company as a result of using Supplemental Generation Service. Such additional capacity costs shall not include any after-the-fact capacity purchase costs incurred by the Company.

    b. If customer has not notified the Company of any need for Supplemental Generation Service at least three hours prior to the Company's system peak hour, such Supplemental Generation Peak Demand charges shall be based on one-sixth of any additional capacity costs or after-the-fact purchase costs incurred by the Company as a result of using Supplemental Generation Service. The demand for billing purposes for the succeeding five months shall be equal to the Supplemental Generation Demand placed on the system during the time of the Company's system peak hour.

(Continued on Sheet No. 5-113)

TERMS AND CONDITIONS OF SERVICE (Continued)

The potential capacity charge provisions of this Section 10 shall not apply if appropriate capacity accreditation has been obtained for the customer's generation from the Midwest Reliability Organization (MRO), or any successor organization. Customer must take responsibility for the preparation of the information necessary for the accreditation filing. The Company can advise and assist the Customer in this process but failure of customer in the preparation of the information and/or failure to obtain accreditation of the customer's generation will result in the customer being ineligible for the exemption from the capacity charge provisions of this Section 10.

11. In the event any portion of the capacity obtained by the Company at additional costs and which is attributable to the customer's use of Supplemental Service under Section 10 above, is subsequently also used to satisfy the requirements of the Company's other customers, the peak demand charges under Section 10 above shall be reduced relative to the portion of said capacity used to serve the other customers.

12. The Company shall provide notice to the Supplemental Generation Service customers when energy control or peak control conditions are expected to occur through the same means that the Company notifies interruptible customers of the potential interruption.

13. Company will install and charge customer for the additional metering necessary, as determined by the Company, to allow for determination of the separate billing demands applicable to the base tariff, Standby Service Rider and Supplemental Generation Service Rider demands. In particular, the Company will install a separate meter that measures the flow of power and energy from the customer's own generating facility. Customer shall reimburse the Company for the costs of installing, operating, and maintaining the required additional metering and for any other facilities required to serve the customer's Supplemental Generation load. If, as a result of the customer's construction and installation of their generating facility, it is more practical for the customer to install some or all of the metering equipment required, customer may be permitted to do so subject to Company's approval of such equipment.

(Continued on Sheet No. 5-114)

ADDITIONAL TERMS AND CONDITIONS ASSOCIATED WITH SCHEDULING MAINTENANCE

1. Supplemental Generation Service customers shall schedule maintenance of their power source during qualifying scheduled maintenance periods.

2. Qualifying Scheduled Maintenance Periods

   Customers With Greater than 60 kW up to 10,000 kW of Contracted Standby and Supplemental Generation Capacity. Maintenance must occur within the calendar months of April, May, October, and November. Customer must provide Company with written notice of scheduled maintenance prior to the beginning of the maintenance period.

   Customers With Greater Than 10,000 kW of Contracted Standby and Supplemental Generation Capacity. Maintenance must occur at a time period mutually agreed to by Company and customer. These time periods will normally not include those times when Company expects system seasonal peak load conditions to occur, nor at those times when Company is required to use generation equipment or to purchase power that results in production costs of $70 or more per MWh. Customer shall provide an annual projection of scheduled maintenance to the Company. Customer shall be allowed changes or additions to this projection upon notice to the Company based on the following schedule:

Outage Length	Required Notice
Less than 48 hours	24 hours
2 days to 30 days	7 days
Over 30 days	90 days

3. The duration of qualifying scheduled maintenance periods may not exceed a total of six weeks in any 12 month period.

4. An additional charge shall apply if customer does not comply with all terms and conditions for qualifying scheduled maintenance periods. The additional charge shall be determined by calculating the additional charges which would have applied if customer were billed on the Unscheduled Maintenance Option for the period extending back to the customer's last scheduled maintenance period.

5. The demand charges of the base tariffs of General Service or General Time of Day Service shall not apply to use of Supplemental Service during qualifying scheduled maintenance periods.

TIER 1 ENERGY CONTROLLED SERVICE RIDER Section No. 5
RATE CODE A27 ~~13th~~14th Revised Sheet No. 115

AVAILABILITY
Availability is restricted to customers who are taking service on the Tier 1 option of the Peak Controlled Time of Day Service.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RATE
The rates and provisions of Tier 1 of the Peak Controlled Time of Day Service schedule shall apply except that the on peak and off peak energy charges for secondary voltage are replaced as follows:

Energy Charge per kWh

Firm On Peak Period Energy	~~$0.04855~~$0.06771	R
Firm Off Peak Period Energy	~~$0.02341~~$0.03194	R
Controllable On Peak Period Energy	~~$0.04647~~$0.06552	R
Controllable Off Peak Period Energy	~~$0.02280~~$0.03156	R
Control Period Energy	$0.09000	

TERMS AND CONDITIONS OF SERVICE

1. Failure to Control Charge: Except as provided for under Control Period Energy Service described below, the following charges will apply in any month customer fails to control load to Predetermined Demand Level or fails to control the full amount of their fixed Controllable Demand under the Optional PDL:
   a. An additional charge of $10.00 per kW will apply during each Company specified control period to the amount by which customer's Maximum Adjusted Demand exceeds their Predetermined Demand Level, and
   b. The Control Period Energy charge will apply to the energy used during the control period that is associated with the customer's Controllable Demand.

   After three such customer failures to control load to their Predetermined Demand Level, Company reserves the right to increase the Predetermined Demand Level or remove customer from Tier 1 Energy Controlled Service Rider and apply the cancellation charge specified in customer's Electric Service Agreement.

(Continued on Sheet No. 5-116)

TERMS AND CONDITIONS OF SERVICE (Continued)

2. The duration and frequency of interruption periods shall be at the discretion of Company. Interruption periods will normally occur at such times when:
   a. Company is required to use generation equipment or to purchase power that results in production costs in excess of $70 per MWH,
   b. Company expects a reasonable possibility of system load levels surpassing the level for which NSP has sufficient accredited capacity under the Midwest Reliability Organization (MRO) or any successor organization, including reserve requirements, or
   c. In Company's opinion, the reliability of the system is endangered.

3. Customer's Electric Service Agreement with Company will include a maximum of 300 hours of interruption per year.

4. All other provisions of Tier 1 of the Peak Controlled Time of Day Service schedule not in conflict with the Tier 1 Energy Controlled Service Rider shall apply.

CONTROL PERIOD ENERGY SERVICE

AVAILABILITY

Available to Tier 1 Energy Controlled Service Rider customers for supply of Controllable Demand related energy during control periods. The Control Period Energy charge will apply when the Company is required to use generation equipment or to purchase power that results in production costs in excess of $70 per MWh. Control Period Energy Service will not be available when Company expects system peak load conditions or during system emergencies.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RATE

The control period energy charge will apply to all Controllable Demand related energy used during the control period.

TERMS AND CONDITIONS OF SERVICE

1. Control Period Energy Service will be available provided such service will not adversely affect firm service to any customer.

2. Company reserves the right to refuse or control the supply of Control Period Energy Service if its capacity is not adequate to furnish such service.

(Continued on Sheet No. 116.1)

TERMS AND CONDITIONS OF SERVICE (Continued)

3. All other provisions of the Tier 1 Energy Controlled Service Rider not in conflict with Control Period Energy Service shall apply.

4. Company notice of commencement of control period will include notice of availability of Control Period Energy Service.

APPLICABILITY
Applicable to bills for electric service provided under the Company's Residential and non-demand-metered Small General Service schedules, excluding lighting services.

RIDER
For customers subject to this rider, there shall be included on each customer's monthly bill a Revenue Decoupling Mechanism Rider (RDM Rider) which shall be the applicable Revenue Decoupling Mechanism Rider factor multiplied by the customer's monthly kWh electric consumption.

DETERMINATION OF RDM RIDER FACTORS
Annual RDM Rider Factor
Each year during the term of this rider the Company will calculate an RDM Rider factor for each applicable class. These factors will be based on revenues billed through December 31 and applied to bills from April 1 through the March 31 of the following year. The RDM Rider factors are:

Residential without Space Heating (A01, A02, A03, A04, A05, A06)	$0.003069 per kWh surcharge	R
Residential with Space Heating (A00, A01, A02, A03, A04, A05, A06)	$0.000512 per kWh surcharge	R
Small General Service (non-demand) (A05, A06, A09, A10, A11, A12, A16, A18, A22)	$0.002849 per kWh surcharge	R

The calculation for the RDM Rider factor is:

Annual RDM Rider factor = RDM Rider Deferral / Forecasted Sales

For purposes of this section the following definitions apply:

RDM Rider Deferral — Annual RDM Rider Deferral = the sum of the 12 monthly RDM Rider Deferrals plus any under- or over-recovery of the previous Annual RDM Rider Deferral as described in item 3 of the RDM Rider Deferral Account on tariff sheet 5-118.

Forecasted Sales — Forecasted Usage = forecasted use in kWh for the timeframe the RDM Rider factor to be in place.

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(Continued on Sheet No. 5-118)

DETERMINATION OF RDM RIDER FACTORS (Continued)

RDM Rider Deferral Account

1. Each month the Company will calculate the Monthly RDM Rider Deferral, which will be entered in the RDM Rider Deferral Account. Separate deferrals will be calculated for Residential Standard, Residential with Electric Space Heating, and non-demand-metered Small General services.

   Monthly RDM Rider Deferral = (FRC x C) – (FEC x Sales)

   For purposes of this section, the following definitions apply:

   FRC — Fixed Revenue per Customer = Energy charge revenues divided by customer count, calculated monthly from test year data. Expressed in dollars per customer

   C — Customer Count = Actual customer count for deferral month.

   FEC — Fixed Energy Charge = Average energy charge for each month of test year. Expressed in dollars per kWh

   Sales — Actual Sales = Actual billed sales for deferral month. Expressed in kWh.

2. The Company will defer and amortize the Monthly RDM Deferrals in Account 182.3 or 254.

3. Any under- or over-recovery of the Annual RDM Rider Deferral will be included as a deferral in the RDM Rider Deferral Account and reflected in the calculation of the following year's Annual RDM Rider factor.

TERM

The Company will begin calculating Monthly RDM Rider Deferrals in the first full month after receiving a Final Order from the Commission in Docket No. E002/GR-13-868, but not before January 1, 2016.

The Company will file its proposed Annual RDM Rider factor surcharge or credit with the Commission annually on February 1, beginning on February 1, 2017. The proposed rate will become effective on April 1 each year and remain in effect for the next 12 months, or until April 1 of the following year. In the event the Company files a rate case during the pilot program, the RDM rider factors from deferrals in a test year will not be applied to bills until final rates in that proceeding have been approved by the Commission.

APPLICABILITY

Applicable to all retail electric services except protective and street lighting services. N

RIDER

Customer bills will include a surcharge or credit determined by applying the applicable Revenue Decoupling Rider (RDR) factor to the customer's billed kWh electric consumption.

ANNUAL RDR FACTORS

RDR factors for each applicable class will be determined and updated annually based on revenue differences for each calendar year that result from differences between approved and actual sales and customers. Updated factors for each calendar year, including a true-up for prior period, will apply for twelve months beginning April 1 following the applicable year.

RDR FACTORS

Residential $0.000000 per kWh
(Rate Codes A00, A01, A02, A03, A04, A05, A06, A08, A72, A74, A80, A81, A82, A83)

Non-Residential Non-Demand Billed $0.000000 per kWh
(Rate Codes A05, A06, A09, A10, A11, A12, A13, A16, A18, A22, A40)

Non-Residential Demand $0.000000 per kWh
(Rate Codes A14, A15, A17, A19, A23, A24, A27, A29, A41, A62, A63, A87, A88, A89, A90, Interdepartmental)

DETERMINATION OF ANNUAL RDR FACTORS

Annual RDR factors for each RDR category will be the applicable RDR Deferral divided by forecast sales, where:
RD Rider Deferral = Calendar year difference between approved and actual base rate revenue
Base rate revenue excludes fuel costs and cost recovery riders
Approved base revenue is base rate revenue by RDR category approved by the Commission in the Company's most recent concluded general rate proceeding.
Forecast sales will be the most current sales forecast by RDR category for the period of April 1 through March 31 following each calendar year.

TERM

The Company will begin calculating Monthly Revenue Decoupling Rider Deferrals on January 1, 2022 and will file proposed Annual Revenue Decoupling Rider factors with the Commission annually on April 1 beginning April 1, 2023. The proposed rate will become effective on April 1 each year and remain in effect for the 12 months. In the event the Company files a rate case, the RDR factors from deferrals in a test year will not be applied to bills until final rates in that proceeding have been approved by the Commission. N

AREA DEVELOPMENT RIDER

AVAILABILITY

Available to new or existing demand metered customers located in Area Development Zones whose proper Standard Industrial Classification (SIC) is manufacturing or wholesale trade and who qualify for other development incentives offered by local government entities. The availability of this Rider is limited to specific Area Development Zones that meet the criteria listed below as set forth by the Commission.

ZONE DESIGNATION

Area Development Zones in the seven county Twin Cities' metropolitan area (Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington Counties) must be located within one of the cities lying within the "Fully Developed Area" as classified by the Metropolitan Council in the document entitled "Metropolitan Development and Investment Framework (December 1988)" that has experienced a decline in combined employment in manufacturing and wholesale trade between 1980 and the most recent year for which data are available as published by the Minnesota Department of Economic Security. Eligible communities are Bloomington, Columbia Heights/Hilltop, Crystal, Fridley, Golden Valley, Hopkins, Minneapolis, New Brighton, Roseville, South St. Paul, St. Louis Park, and St. Paul. Area Development Zones in cities located outside the seven county Twin Cities' metropolitan area must be located in a city with a minimum population of 25,000 based on the most recent U.S. Census of Population and must be located in a county (or counties) that have experienced a decline in combined employment in manufacturing and wholesale trade between 1987 and the most recent year for which data are available as published by the Minnesota Department of Economic Security. The Area Development Zone must be an existing or proposed industrial park with a minimum size of ten acres. The maximum total number of active zones at any time is 18; the maximum number of active zones in the seven county Twin Cities' metropolitan area is 15. The maximum number of active zones in any community is three. A zone can be "decertified" and a new Area Development Zone established at any time as long as there are no more than three Area Development Zones in a community at any point in time.

RATE

The rates and provisions of the customer's regular rate schedule shall apply except monthly demand charges for customer's Qualified Billing Demand shall be reduced as follows:

Years	Percent Reduction
1 - 3	50%
4	30%
5	20%
6	0%

(Continued on Sheet No. 5-120)

QUALIFIED BILLING DEMAND
The portion of the customer's billing demand that qualifies for reduced demand charges.

New Customers. The total billing demand of new customers shall be defined as Qualified Billing Demand.

Existing Customers. The billing demand in excess of customer's base billing demand shall be defined as qualified billing demand. The base billing demand for each month will be calculated by averaging the monthly billing demands from the two-year period immediately preceding the customer's application for this Rider.

NEW CUSTOMERS
To be considered a new customer for the purpose of this Rider, an applicant must demonstrate one of the following:

1. That business has not been conducted at the premises for at least three monthly billing periods prior to application,
2. That the predecessor customer is in bankruptcy and the applicant has obtained the business in a liquidation of assets sale,
3. Customer's activities are largely or entirely different in nature from that of the previous customer, or
4. If the activities are not so different, that the owner(s), operator(s), or manager(s) are substantially different.

EXISTING CUSTOMERS
Existing customers who materially increase their use of electric service may qualify for service under this Rider, provided such material increase is the result of the addition of equipment, or expansion of the customer's facility or operations. The customer shall notify the Company in writing and document the basis for the material increase in its use of electric service. Following such notification, the Company will review the customer's monthly billing demands. If the billing demands for each of the next three consecutive months exceed that from the comparable monthly period of the preceding year by at least 25%, the customer will be eligible thereafter to receive service under this Rider.

RIGHT TO REFUSE SERVICE
The Company reserves the right to refuse applicants for service under this Rider if it determines that significant additional capital expenditures will be required to provide service to that applicant. In such cases, an applicant may be able to qualify for service by making a non-refundable contribution to compensate for the significant additional capital costs incurred by the Company to supply service to the applicant.

(Continued on Sheet No. 5-121)

ENERGY EFFICIENCY
For service taken on this Rider, the Company will conduct an energy audit and inform the customer of the conservation programs available from the Company.

ELECTRIC SERVICE AGREEMENT
Any customer taking service under this Area Development Rider shall execute an Electric Service Agreement, or amend their existing Electric Service Agreement, with the Company for a period of six years beginning on the effective date on which the customer commences taking service under this Rider; however, customers who began service under the Pilot Area Development Rider before June 28, 1995, with Electric Service Agreement terms of five years, will not be required to amend or modify those agreements. Such Electric Service Agreements (new or amended) shall state the increased or new load level of the customer as well as the customer's obligation to continue to purchase all of their electric power and electric energy from the Company during the term of the agreement.

AVAILABILITY

Available at Company's discretion to demand-metered commercial and industrial customers that are subject to effective competition.

Effective competition exists if a customer is located in Company's service territory and has the ability to obtain its energy requirements from an energy supplier not rate regulated by the Minnesota Public Utilities Commission (“Alternate Supplier”) for: T N

1. Existing customers with a minimum load of 2 MW that are located in Company’s service territory and subject to effective competition by having the ability to obtain its energy requirements from an Alternate Supplier, or N N N
2. New customers with a minimum initial load of 10 MW with the ability to increase total load to 75 MW within five years that are subject to effective competition by having the ability to locate a new facility outside Company's service territory with energy requirements provided by an Alternate Supplier. N N N

RATE

Standard service rates and provisions, including controllable service provisions, apply except the level of the demand charges, energy charges, or both may be reduced for each customer as described below.

TERMS AND CONDITIONS OF SERVICE

1. Customer must provide Company with information that documents that service to the customer is subject to effective competition. The Company will treat information provided by the customer to the Company concerning load levels and effective competition that meets the definition of trade secret information under the Minnesota Government Data Practices Act (“Act”) as trade secret information and, if provided to the Commission or other state agency, will request that the Commission or any other state agency treat the information as trade secret under the Act. T T

2. Minimum load served under this Rider is 2 MW for existing customers and 10 MW for new customers. Any rate offered under this Rider shall not be available for any month in which the load served under this Rider falls below the required minimum load level. N C

3. Customer must execute an Electric Service Agreement with Company, or amend its existing Electric Service Agreement with the Company, to include:
   a. The rate under this Rider, which:
      i) must recover at least the incremental cost of providing service, including the cost of incremental capacity that is to be added while the rate is in effect and any applicable on peak or off peak differential;
      ii) must not exceed the difference between the standard tariff and the cost to the customer of the lowest cost competitive energy supply; and
      iii) includes an annual minimum charge to fully recover distribution costs.

(Continued on Sheet No. 5-123)

TERMS AND CONDITIONS OF SERVICE

3. Customer must execute an Electric Service Agreement with Company, or amend its existing Electric (Continued)
   b. The term of service under this Rider, which must be no less than one year and no longer than seven years for existing customers and ten years for new customers, beginning on the date the customer begins taking service under this Rider, N T
   c. The size of the load served under this Rider,
   d. Verification that customer has been fully informed of the availability of energy audits. If no energy audit is performed for customer, an explanation of why an energy audit was not necessary will be included.
   e. Establishing the effective date of the rate, which must be at least 60 days after the date upon which the Company files its petition for Commission approval of the Electric Service Agreement,
   f. If the Customer requests that the rate be implemented on an interim rate basis, a statement that the rate will be treated as an interim rate as of the effective date and until Commission approval, modification or disapproval is received. If a modified rate is approved and accepted by the customer and Company, or if the rate is disapproved, the Company will recover the difference between the interim rate and the approved rate (modified or base) from the customer, and
   g. Requirements for a bond or other security acceptable to the Company to provide full recovery of any portion of any interim rate discount disallowed by the Commission.

4. For existing customers receiving a discount, the Company, within a general rate case, is allowed to seek recovery of the difference between the applicable commercial and industrial tariff and this Rider times the usage level during the test year period.

5. A rate under this Rider shall meet the conditions of Minnesota Statutes, Section 216B.03, Reasonable Rate, for other customers in this same customer class.

6. Unless the Commission determines that it would be in the public interest, a rate under this Rider shall not compete with district heating or cooling provided by a district heating utility defined by Minnesota Statutes, Section 216B.166, Subdivision 2, Paragraph (c).

7. A rate offered under this Rider may not be offered to a customer in which the Company has a financial interest greater than 50%.

(Continued on Sheet No. 5-124)

REGULATORY REVIEW

If the Customer requests that the rate be implemented on an interim rate basis, the rate offered under this Rider will be effective on an interim basis after filing by Company of the proposed rate with the Commission and upon the date specified in the Electric Service Agreement. If the Commission does not approve the rate, Company may seek to recover the difference in revenues between the interim competitive rate and the modified rate or the standard tariff rate, as applicable, from the customer who was offered the competitive rate.

The Commission has the authority to approve, modify, or reject a rate under this Rider. If the Commission approves the rate, it is effective as agreed to by the Company and customer. If the rate is modified by the Commission, the Commission shall issue an order modifying the rate subject to the approval of the Company and the customer. Each party has ten days in which to reject the proposed modification. If no party rejects the proposed modifications, the Commission's order becomes final. If either party rejects the Commission's proposed modifications, the Company on its behalf or on the behalf of the customer, may submit to the Commission a modified version of the Commission's proposal, which modified rate shall become an interim rate. The Commission shall accept or reject the modified version within 30 days. If the Commission rejects the rate, it shall issue an order indicating the reasons for the rejection.

PHOTOVOLTAIC DEMAND CREDIT RIDER
RATE CODE A85 (CLOSED)
RATE CODE A86

AVAILABILITY – GENERAL
Applicable by customer request to demand-metered commercial and industrial customers that use Solar Photovoltaic as a customer-sited generation source with a capacity greater than 40 kW (AC) with a single production meter to serve all or a portion of customer's electric energy requirements. Not available to customer-sited generation that is the subject of another incentive program such as Solar*Rewards.

AVAILABILITY – CLOSED RATE
Availability of the closed rate is limited to qualifying customer account locations that: 1) were receiving Standby Service Rider tariff service with the Photovoltaic Solar Credit on the date this Rider was originally approved by the Commission, or 2) have enrolled by submitting to the Company a complete interconnection application for a planned qualifying generation source before February 14, 2020. The closed rate will expire April 20, 2027. After expiration of the closed rate, the applicable standard rate will replace the closed rate. ~~C~~ | ~~C~~

The standard rate will apply to customer account locations that do not qualify for the closed rate. The standard rate may be revised at any time subject to approval by the Commission.

RATE
Customer Charge per Month ~~$25.75~~$25.98 R

Credit per kWh of Peak Period Solar Photovoltaic Generation (A85 - Closed)	$0.071390 ~~I~~
Credit per kWh of Peak Period Solar Photovoltaic Generation (A86 - Standard)	$0.069648 ~~R~~

CREDIT KWH LIMIT
The maximum kWh applied to the Rider credit per kWh each billing period is the Peak Period maximum 15-minute Solar Photovoltaic kW output for the billing period times 100 hours for billing periods ending in the months of June, July, August or September and 75 hours for billing periods ending in other months.

CREDIT LIMIT
The maximum credit for each billing period is the applicable standard or on-peak billed demand charge from the base tariff associated with this Rider. For Peak-Controlled Service and Peak-Controlled Time of Day Service customers, the maximum credit for each billing period is the billed demand charge for Firm Demand.

DEFINITION OF PEAK PERIOD
Peak period hours are the six hours between 1:00 p.m. and 7 p.m. for all days.

TERMS AND CONDITIONS OF SERVICE
1. Customer will execute an Electric Service Agreement with the Company that will specify:
   a) The base tariff associated with this Rider, and
   b) The installed capacity (AC) of customer's Solar Photovoltaic generation.
2. Company will install, own, and maintain the metering to measure the electric power and energy supplied by customer generation to allow for proper billing of the customer under this Rider. If, as a result of the customer's construction and installation of their generating facility, it is more practical for the customer to install some or all of the metering equipment required, the customer may be permitted to do so, subject to Company's approval of such equipment.
3. Company reserves the right to limit availability of this Rider to customer situations where the Solar Photovoltaic generation used by customer does not significantly affect the monthly peak demand of customer.
4. For Solar Photovoltaic generation, this Rider supersedes other Standby Service tariff provisions.

AVAILABILITY
Availability is restricted to customers who are taking service on the Tier 1 option of Peak Controlled Service or Peak Controlled Time of Day Service. Customers choosing service under this rider shall agree to allow the Company to interrupt customer's load to a predetermined level within 10 minutes notice of a control period. Availability is restricted to customers with a minimum certified controllable load of 3,000 kW. Participation is limited to 100,000 kW of controllable demand, which may be exceeded if part of a customer's controllable load is within the participation limit, subject to Company approval.

CONTRACT
Customers must contract for this service rider through an Electric Service Agreement with Company. Contract period will normally be for 24 months.

RATE
The rates and provisions of Tier 1 of the applicable Peak Controlled Service schedule shall apply with the customer's Controllable Demand billed at the Short Notice Controllable Demand charge.

TERMS AND CONDITIONS OF SERVICE

1. Within 10-minutes of notification from the Company, customer's controllable load shall be curtailed by Company-initiated automatic control for the duration of the control period as determined by the Company.

2. Customers taking service under this rider will be required to certify their interruptible load as described below under Certification of Interruptible Load. Customer will cooperate fully with and assist in the required certification process. Failure of customer to assist in the certification process and/or failure to obtain certification of the Controllable Demand level will result in the customer being ineligible for this tariff.

3. Certification of Interruptible Load: To be eligible, the customer's interruptible load must complete an annual control test, prior to the beginning of the Company's summer peak load season. The control test must:
   - Demonstrate that the load is controlled by the Company from its control center;
   - That the load is curtailed within ten minutes of a Company declared control period.
   - The controlled load must remain off for at least four (4) hours in the first year of application and at least one (1) hour in subsequent years.
   - The timing of the control test will be coordinated with the customer but must be conducted at a time when the customer's load is at or near the level expected during actual control periods.

APPLICABILITY
Applicable to bills for electric service provided under the Company's retail rate schedules in a City ordering the installation of non-standard underground Distribution Facilities. The Excess Expenditure costs for these Special Facilities are to be collected from customers located within such City in accordance with the provisions in the General Rules and Regulations, Section 5.3, SPECIAL FACILITIES.

The Company will provide notice to the affected City of any miscellaneous rate filing by Company under Minn. Stat. §216.B16, Subd. 1 to establish a Special Facilities surcharge applicable to customers in such City.

RATE
In each applicable City, there shall be included in the monthly minimum billing on each customer's bill a separately itemized surcharge line item determined in accordance with this Rider entitled "City Req Fac Srchg". The City Requested Special Facilities Surcharge shall not be subject to current month billing adjustments or City surcharges and shall be subject to any applicable sales taxes.

DETERMINATION OF CITY REQUESTED FACILITIES SURCHARGE
The City Requested Special Facilities Surcharge for each applicable City project shall be calculated by determining a Class Facilities Surcharge to be applied to the Average Monthly Customers in the designated City such that the total Excess Expenditure plus carrying charges in the City Project Tracker Account are recovered over the designated Recovery Period.

Average Monthly Customers shall be the projected average number of active customers in each applicable customer classification located in the City for the designated Recovery Period.

Class Facilities Surcharge shall be the surcharge amount for each applicable customer classification determined in accordance with the Rules for Application.

City Project Tracker Account is a regulatory asset account representing the sum of the following:

(1) The total Excess Expenditures for each Distribution Facilities undergrounding project in such City,

(2) Monthly carrying charges on the under recovered or over recovered monthly balance in the City Project Tracker Account based on the overall rate of return from the Company's most recent electric general rate case decision,

(3) Less the recovered project costs collected to date through the applicable City's Facilities Surcharge.

Recovery Period is the number of months the City Requested Special Facilities Surcharge shall be applied to bills for a designated City project determined in accordance with the Rules for Application.

Excess Expenditures shall be determined in accordance with the provisions in the General Rules and Regulations, Section 5.3.

(Continued on Sheet No. 5-132)

RULES FOR APPLICATION

1. The Recovery Period shall not commence until the City Requested Facilities Surcharge to be applied to bills is at least $0.25 per customer per month. A surcharge of $0.25 up to and including $1.00 per customer regardless of customer class may be applied for a Recovery Period of exactly one month (e.g., a one-time surcharge).

2. For a Recovery Period greater than one month, the Class Facilities Surcharge per month per customer in each non-residential customer class for any month in which a Residential Class Facilities Surcharge is applicable shall be as follows:

   a. Commercial & Industrial (C&I), Street Lighting and Municipal – Non-Demand Billed: Equal to the Residential Class Facilities Surcharge.

   b. Small C&I and Small Municipal – Demand Billed: Three times the Residential Class Facilities Surcharge.

   c. Large C&I – Demand Billed (actual demand greater than 100 kW): Four times the Residential Class Facilities Surcharge.

   However, whenever the Non-residential Class Facilities Surcharges to be billed exceed the Customer Charge applicable on a customer account, the Class Facilities Surcharge for that account shall be equal to such Customer Charge.

3. A Residential Class Facilities Surcharge of $0.25 up to and including $1.00 per Residential customer per month will be applied each month whenever the City Project Tracker Account balance to be collected allows for a Recovery Period of 36 months or less.

4. A Residential Class Facilities Surcharge of over $1.00, up to and including $5.00, per Residential customer per month will be applied each month for a Recovery Period of 36 months whenever the City Project Tracker Account balance is uncollectable at a Residential Class Facilities Surcharge level of $1.00 or less, provided that the surcharge amount for any Residential class customer account receiving a Low Income Energy Discount shall not exceed $1.00 per month.

5. A Residential Class Facilities Surcharge of $5.00 per Residential customer per month for a Recovery Period of 36 months up to and including 60 months will be applied only when necessary to recover the City Project Tracker Account balance, provided a surcharge of $5.00 may be collected pending Commission action on a Company petition or City complaint to modify the design of the rate surcharge for a specific project which cannot be recovered in 60 months.

(Continued on Sheet No. 5-133)

RULES FOR APPLICATION (Continued)

6. The Class Facilities Surcharges may be adjusted annually and in the last 6 months of the Recovery Period to more closely recover the balance remaining in the City Project Tracker Account.

7. Subject to the limits on monthly surcharge amounts set forth above, the Class Facilities Surcharges may also be increased at any time and the Recovery Period may be updated, with notice as provided in Section 5.3 of the General Rules and Regulations, in order to recover Excess Expenditures associated with additional Distribution Facilities undergrounding projects requested or ordered by City.

AVAILABILITY
Available to any customer who elects to apply an adjustment to the customer's electric energy usage to contribute to the development of renewable and high-efficiency energy resources as defined by Minn. Stat. §216B.169.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RIDER
A Voluntary Renewable Adjustment ("Adjustment") may be elected in blocks of 100 kWh or for the customer's entire monthly usage or for a single event. Each month the Adjustment will add **$3.53** per 100 kWh block of renewable usage and will be prorated on a kWh basis based on the customer's actual metered energy usage for the billing period not to exceed their subscription level. The Adjustment shall be applied to the customer's bill under the standard retail tariff each billing month according to the number of energy block(s) or total amount purchased. The Adjustment is not subject to the Fuel Clause Rider but is subject to any other applicable adjustments and surcharges, including city surcharge or sales tax. The Voluntary Renewable Adjustment will appear on the bill as "Windsource Program." Amounts collected pursuant to the Adjustment will be expended on a program, filed with the Commission, to develop renewable and high efficiency energy resources.

DETERMINATION OF VOLUNTARY RENEWABLE ADJUSTMENT
The Voluntary Renewable Adjustment shall be calculated by dividing the recoverable program expenses and annual tracker balance by the forecasted renewable energy for a designated recovery period. The recoverable program expenses include renewable energy purchases, marketing, other costs and true up of tracker balance for this program. The Adjustment may be revised annually with approval of the Minnesota Public Utilities Commission.

FORECASTED RENEWABLE ENERGY
Forecasted renewable energy sales shall be the estimated total Windsource MWh sales for the designated annual tracker recovery period.

TRACKER ACCOUNT
Due to the variability of renewable resources, the Windsource program may have an excess or shortage of supply in any given hour but will approximately balance out during the year. The Company will maintain accounting of the monthly balance of total revenues collected under the Adjustment and the expenses associated with offering this Adjustment, including the renewable energy purchases, marketing and other costs for this program. The Company may petition the Commission annually to true up the tracker balance in its November 1st report.

(Continued on Sheet No. 134.1)

TERMS AND CONDITIONS OF SERVICE

1. A customer may elect to subscribe either by purchasing a specified number of 100 kWh blocks or the customer's entire usage. The minimum subscription to be billed each month is one 100 kWh block. In the event a customer's metered energy usage results in the partial consumption of a 100 kWh block, the charge on that block will be prorated accordingly.

2. The minimum subscription periods are one year for residential customers and three years for non-residential customers. After the minimum period, a customer may continue to subscribe on a month to month basis and may terminate the customer's subscription with a 30-day notice.

3. The Company will submit reports to the Commission each May 1 and November 1, or as otherwise ordered in relation to the tracker accounting.

4. For customers on time of day tariffs, their Windsource usage and any excess, non-Windsource usage shall both be assigned to the on-peak and off-peak periods in proportion to the customer's total billing period on-peak and off-peak usage.

5. Xcel Energy may in its discretion allow a non-Windsource customer a limited subscription to Windsource to apply the Adjustment to the energy used by a single event or series of events without making a long-term purchase commitment.

6. The discounts under Residential Controlled Air Conditioning and Water Heating Rider and Commercial and Industrial Controlled Air Conditioning Riders are not applicable to the charges under this Rider.

7. This Rider is provided to satisfy the conditions of Minn. Stat. §216B.169, subd.2 related to renewable and high-efficiency energy rate options. The sales arrangements of renewable energy from the Windsource program supplies are such that the power supply is sold only once to retail customers.

WAPA BILL CREDITING PROGRAM RIDER

AVAILABILITY
This rider is available on a voluntary basis and is limited to customers who are eligible for the Western Area Power Administration ("Western" or "WAPA") Bill Crediting Program.

TERM OF SERVICE
Service under this rider shall be for a period not less than 90 days.

PRICING METHODOLOGY
The WAPA Bill Credit shall be calculated as specified in the Commission approved Bill Crediting Agreement between the customer and the Company.

BILL DETERMINATION
The WAPA Bill Credit will be applied to the customer's standard monthly bill rendered after each monthly billing period.

SPECIAL PROVISIONS

1. Eligibility for the Program, and thus this Rider, is determined by the customer and Western, and not by Xcel Energy.

2. If there is a change in the legal identity of the customer receiving service under this Rider, credit under this Rider shall be terminated unless Xcel Energy, Western and the customer determine otherwise.

3. Changes are subject to the Agreement for Bill Crediting arrangements between Xcel Energy, Western and the customer, a copy of which is contained in Section 7 of this Electric Rate Book.

RULES AND REGULATIONS
Service under this Rider is subject to orders of the Minnesota Public Utilities Commission and to the General Rules and Regulations section of this Electric Rate Book.

MERCURY COST RECOVERY RIDER

APPLICATION
Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER
There shall be included on each customer's monthly bill a Mercury Cost Recovery (MCR) Rider adjustment which will be the MCR Adjustment Factor multiplied by the customer's monthly billing kWh for electric service. This MCR adjustment shall be calculated before city charges and sales tax.

DETERMINATION OF MERCURY COST RECOVERY FACTOR
The MCR Adjustment Factor shall be the average retail cost per kWh. The average retail cost per kWh shall be determined by the forecasted balance of the MCR Tracker Account plus the Mercury Costs divided by the forecast retail sales for the designated period. The MCR Adjustment Factor shall be rounded to the nearest $0.000001 per kWh.

The MCR Adjustment Factor may be adjusted with the approval of the Minnesota Public Utilities Commission (Commission). The MCR Adjustment Factor for each rate schedule is:

All Classes	$0.000000 per kWh

MERCURY COSTS
Recoverable mercury costs shall be the revenue requirements for the designated period including operation and maintenance (O&M) expenses associated with projects eligible for recovery under Minnesota Statute Sections 216B.68 to 216B.688 that are determined by the Commission to be eligible for recovery under this Mercury Cost Recovery Rider. A standard model will be used to calculate the total forecasted revenue requirements for eligible projects for the designated period that is determined by the Commission to be eligible for recovery under this MCR Rider.

FORECASTED RETAIL SALES
Forecasted Retail Sales shall be the estimated total retail electric sales for the designated recovery period.

MCR TRACKER ACCOUNT
For each designated true-up period, a true-up adjustment to the MCR Tracker Account will be calculated reflecting the difference between the MCR Adjustment recoveries and the actual expenditures for such period. The true-up adjustment shall be included in calculating the MCR Adjustment Factor effective with the start of the next designated recovery period.

The MCR Adjustment Factor includes a true-up of actuals as available for the previous recovery period and forecast information for the remainder of the recovery period. The Final true-up adjustment for a previous recovery period will be determined by October 1 of the following year, at which time the Company will record a Final adjustment to the MCR Tracker Account. All costs appropriately charged to the MCR Tracker Account shall be eligible for recovery through this rider.

(Continued on Sheet No. 5-136.1)

PROVISION OF FORECAST DATA

To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on October 1st a 24-month forecast of the MCR Adjustment Factor applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

APPLICATION
Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER
There shall be included on each customer's monthly bill an Environmental Improvement Rider (EIR) adjustment. For all but demand-billed customers, the adjustment shall be the Full EIR Energy Adjustment Factor multiplied by the customer's monthly billing kWh for electric service. For demand-billed customers, the adjustment shall be the Reduced EIR Energy Adjustment Factor multiplied by the customer's monthly billing kWh for electric service, plus the EIR Demand Adjustment Factor multiplied by the customer's monthly kW billing demand. These EIR adjustments shall be calculated before city surcharge and sales tax.

DETERMINATION OF EIR ADJUSTMENT FACTORS
The Full EIR Energy Adjustment Factor shall be the quotient obtained by dividing the forecasted balance of the EIR Tracker Account by the forecasted retail sales for the calendar year. The Reduced EIR Energy Adjustment Factor shall be the Full EIR Energy Adjustment Factor multiplied by 50%. The EIR Demand Adjustment Factor shall be the difference between the Full and Reduced factors, multiplied by the class load factor of 53.27% and multiplied by 730 hours in an average month. All factors shall be rounded to the nearest $0.000001 per kWh. The EIR Adjustment Factors may be adjusted annually with approval of the Minnesota Public Utilities Commission (Commission). The EIR Adjustment Factors shall apply to bills rendered on and after January 1st of the year.

The EIR Adjustment Factor for each customer group may be adjusted annually. Each EIR Adjustment Factor shall apply to bills rendered on and after January 1 of the year. The EIR factor for each rate schedule is:

Non-Demand Customers	$0.000000 per kWh
Demand Customers	$0.000000 per kWh and $0.00 per kW

Recoverable EIR Costs shall be the annual revenue requirements associated with emissions reduction projects (a) not recovered through base rates, (b) recorded in the EIR Tracker Account for the designated period, and (c) determined by the Commission to be eligible for recovery under this Rider pursuant to the terms of the Settlement Agreement approved by the Commission on March 8, 2004. A standard model will be used to calculate the total forecasted revenue requirements for eligible projects for the designated period. All costs appropriately charged to the EIR Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered from the EIR Adjustment shall be credited to the EIR Tracker Account.

Forecasted retail sales shall be the estimated retail electric sales for the designated recovery period.

(Continued on Sheet No. 5-138)

TRUE-UP

For each 12-month period ending December 31, a true-up adjustment to the EIR Tracker Account will be calculated reflecting the difference between the EIR Adjustment recoveries and the revenue requirements for such period. The true-up adjustment shall be calculated and recorded by no later than May 1 of the following calendar year and will be included in calculating the EIR Adjustment Factor for each customer group effective with the start of the next designated recovery period. No carrying cost shall be applied.

PROVISION OF FORECAST DATA

To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on October 1st a 24-month forecast of the EIR Adjustment Factors applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

AVAILABILITY

Available to new or existing demand-metered commercial and industrial customers with significant new Qualified Billing Demand. Service under the Rider is limited to customers whose application for service under the Rider is approved by the Company. Also available on a temporary and limited basis to existing demand-metered commercial and industrial customers with substantial load reductions directly associated with the COVID-19 coronavirus pandemic according to the provisions of the pandemic section of this rate schedule. N N N

RATE

Demand Charge T

The rates and provisions of the customer's regular demand-metered rate schedule shall apply except monthly demand charges for customer's Qualified Billing Demand, before the application of voltage discounts, shall be reduced as follows:

Years:	1 - 3	4	5	6
Percent Reduction:	40%	20%	10%	0%

Off-Peak Energy Charge N

New customers with a Qualified Billed Demand of 5,000 kW or greater and corresponding monthly load factor of 70 percent or greater shall have a reduced Off Peak Period Energy Charge per kWh from customer's regular demand-metered rate schedule. The reduction, before the application of voltage discounts, shall be 50 percent for years 1 – 5. N N N N N

QUALIFIED BILLING DEMAND AND OFF-PEAK PERIOD ENERGY T

The portion of the customer's billing demand that qualifies for reduced demand charges. Qualified billing demand includes billing demands for standard demand, on-peak period demand, firm demand and controllable demand. Qualified billing demand does not include billing demands for off-peak period demand, distribution demand, transmission and distribution demand, contracted standby demand or contracted supplemental demand. T T T

New Customers. This Rider is available for new load that is associated with initial permanent service. For new Customers, the Qualified Billing Demand under this Rider must be a minimum of 350 kW at any single delivery point. A customer may receive the rate at multiple delivery points so long as each delivery point independently qualifies. The demand charge reduction shall not apply during any month in which the Qualified Billing Demand is below 350 kW; provided, however, the demand charge reduction shall apply during any month in which the Qualified Billing Demand is below 350 kW as a consequence of new conservation or load control by the customer. The off-peak period energy charge reduction shall not apply during any month in which the Qualified Billing Demand is below 5000 kW or the corresponding monthly load factor based on total Qualified Billing Demand and total monthly kWh usage is less than 70 percent. T T N N N N

Existing Customers. For existing customers, Qualified Billing Demand is the new load of 350 kW or greater at any single delivery point incremental to that existing prior to approval for service under this Rider. A customer may receive the rate at multiple delivery points so long as each delivery point independently qualifies. The demand charge reduction shall not apply during any month in which the Qualified Billing Demand is below 350 kW; provided, however, the demand charge reduction shall apply during any month in which the Qualified Billing Demand is below 350 kW as a consequence of new conservation or load control by the customer.

(Continued on Sheet No. 5-140)

NEW CUSTOMERS N

To be considered a new customer for the purpose of this Rider, an applicant must demonstrate one of the following:

1. That business has not been conducted at the premises for at least three monthly billing periods prior to application,
2. That the predecessor customer is in bankruptcy and the applicant has obtained the business in a liquidation of assets sale; or T
3. Customer's activities are largely or entirely different in nature from that of the previous customer. N

EXISTING CUSTOMERS

Existing customers who materially increase their use of electric service may qualify for service under this Rider, provided (1) such material increase is the result of the addition of equipment, or expansion of the customer's facility or operations and (2) the delivery point is not currently receiving service under this Rider. The customer shall notify the Company in writing and document the basis for the material increase in its use of electric service. Following such notification, the Company will review the customer's monthly billing demands. If the billing demands for each of the next three consecutive months exceed that from the comparable monthly period of the preceding year by at least 350 kW at one delivery point, the customer will be eligible thereafter to receive service under this Rider. If a customer's activities are very similar to the customer's previous activities, then the customer is considered to be an existing customer whether or not the owner(s) operator(s), or manager(s) are substantially different.

APPLICATION

As a condition of qualifying for a discount, Customer must make an application on a Commission approved form demonstrating that it meets the Qualified Billing Demand requirement. Information related to the Qualified Billing Demand and Investment is trade secret information under the Minnesota Government Data Practices Act ("Act"). T

RIGHT TO REFUSE SERVICE

The Company reserves the right to refuse applicants for service under this Rider. When the Company determines that significant additional capital expenditures will be required to provide service to that applicant, an applicant may be able to qualify for service by making a non-refundable contribution to compensate for the significant additional capital costs incurred by the Company to supply service to the applicant.

ENERGY EFFICIENCY

For service taken on this Rider, the Company will conduct an energy audit and inform the customer of the conservation programs available from the Company. Customer will be responsible for some portion of the cost of the energy audit. Customer must also participate in the Company's Energy Assistance Design program or other energy efficiency program. T

~~**ELECTRIC SERVICE AGREEMENT**~~ L

~~Any customer taking service under this Rider shall execute an Electric Service Agreement, or amend their existing Electric Service Agreement, with the Company for a period of six years beginning on the effective date on which the customer commences taking service under this Rider. Such Electric Service Agreements (new or~~ L

(Continued on Sheet No. 5-141)

~~amended) shall state the increased or new load level of the customer as well as the customer's obligation to continue to purchase all of their electric power and electric energy from the Company during the term of the agreement. The effective date of service under this rider will be set forth in the Electric Service Agreement but not before three months of qualified billing demand has occurred after the application. The Electric Service Agreement entered into pursuant to this Agreement and provision of the discount is not subject to Commission Approval.~~ L L

(Continued on Sheet No. 5-141)

ELECTRIC SERVICE AGREEMENT L

Any customer taking service under this Rider shall execute an Electric Service Agreement, or amend their existing Electric Service Agreement, with the Company for a period of six years beginning on the effective date on which the customer commences taking service under this Rider. Such Electric Service Agreements (new or amended) shall state the increased or new load level of the customer as well as the customer's obligation to continue to purchase all of their electric power and electric energy from the Company during the term of the agreement. The effective date of service under this rider will be set forth in the Electric Service Agreement but not before three months of qualified billing demand has occurred after the application. The Electric Service Agreement entered into pursuant to this Agreement and provision of the discount is not subject to Commission Approval. L

REPORTING REQUIREMENT

No later than 30 days after the Company signs a new ESA with a customer to be served under the BIS Rider, the Company must file with the Commission a report showing the incremental revenues and the incremental costs associated with the new ESA. If no party objects to the ESA within 30 days of the filing date, the ESA is deemed to be approved. One year from the effective date of this tariff, and annually thereafter, the Company shall file a report with the Commission identifying the number of customers receiving service under this Rider and the associated incremental additional revenues received by the Company and the incremental additional costs experienced by the Company.

REVENUE RECOVERY

The Company, within a general rate case, is allowed to seek recovery of the difference between the applicable commercial and industrial tariff and this Rider times the usage level during the test year period.

PANDEMIC AFFECTED CUSTOMER SECTION OF BUSINESS INCENTIVE AND SUSTAINABILITY RIDER ~~N~~

AVAILABILITY

Available to existing demand-metered commercial and industrial customers with pre-pandemic average monthly peak load between 100 kW and 2000 kW as measured during the 12 months ending February 2020, which is substantially reduced as a direct result of the COVID-19 coronavirus pandemic. Participation in the Pandemic Affected Customer Section of this Rider is subject to Company approval and is limited to a pre-pandemic total load level of 200 MW.

RATE

The rates and provisions of the customer's regular demand-metered rate schedule shall apply except a 25 percent credit shall be applied to the total monthly base rate charges excluding customer charges, after the application of voltage discounts, for the period ending March 31, 2021. ~~N~~

~~QQUALIFICATION REQUIREMENTS~~ L

~~Existing customers must have experienced a material and minimum 25 percent peak load reduction in direct response to government mandated requirements associated with the COVID-19 pandemic. The customer shall notify the Company in writing and document the COVID-19 basis for the electric load reduction and the associated kW load reduction. Following such notification, the Company will review the customer's monthly billing demands to confirm a material and qualifying peak load reduction. If approved by the Company, Rider~~ L

(Continued on Sheet No. 5-141.1)

~~credits will be applied to the customer's bill from the beginning of the billing period during which the customer for this section of the Rider is approved until March 31, 2021. The Company may discontinue the Rider credits if customer peak loads return to levels prior to the COVID-19 pandemic.~~ L

~~**APPLICATION**~~
~~As a condition of qualifying for the Rider credit, Customer must provide an application to the Company demonstrating that the COVID-19 pandemic has materially impacted its business and is responsible for a qualifying load reduction. Information tying the Customer's identification to its qualified billing demand and COVID-19 impacts to business and energy usage is trade secret information under the Minnesota Government Data Practices Act ("Act").~~ L

(Continued on Sheet No. 5-141.1)

QUALIFICATION REQUIREMENTS L
Existing customers must have experienced a material and minimum 25 percent peak load reduction in direct response to government mandated requirements associated with the COVID-19 pandemic. The customer shall notify the Company in writing and document the COVID-19 basis for the electric load reduction and the associated kW load reduction. Following such notification, the Company will review the customer's monthly billing demands to confirm a material and qualifying peak load reduction. If approved by the Company, Rider credits will be applied to the customer's bill from the beginning of the billing period during which the customer for this section of the Rider is approved until March 31, 2021. The Company may discontinue the Rider credits if customer peak loads return to levels prior to the COVID-19 pandemic.

APPLICATION
As a condition of qualifying for the Rider credit, Customer must provide an application to the Company demonstrating that the COVID-19 pandemic has materially impacted its business and is responsible for a qualifying load reduction. Information tying the Customer's identification to its qualified billing demand and COVID-19 impacts to business and energy usage is trade secret information under the Minnesota Government Data Practices Act ("Act"). L

ENERGY EFFICIENCY ~~N~~
For service taken under the Pandemic Affected Customer Section of this Rider, the Customer must have participated, or agree to participate, in at least one of the Company's energy efficiency programs.

REPORTING REQUIREMENT
Monthly during the availability of the Pandemic Affected Customer section of the Rider, the Company will file with the Commission a listing of Customers deemed eligible and participating in this section of the Rider. In its annual filing on the BIS Rider, the Company shall file a report with the Commission identifying the number of customers receiving service under this section of the Rider and the total amount of the discount.

REVENUE RECOVERY
The Company, within a general rate case, is allowed to seek recovery of the customer credits provided through the pandemic section of this Rider. ~~N~~

STATE ENERGY POLICY RATE RIDER

APPLICATION
Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER
There shall be included on each customer's monthly bill a State Energy Policy Rate Rider which shall be the applicable State Energy Policy Rate Rider factor multiplied by the customer's monthly kWh electric consumption.

DETERMINATION OF STATE ENERGY POLICY RATE FACTOR
The applicable State Energy Policy Rate Rider shall be the quotient obtained by dividing the annual State Energy Policy Tracker amount by the annual forecasted kWh sales. The factor may be adjusted annually with approval of the Minnesota Public Utilities Commission.

Residential	$0.000000 per kWh
Commercial	$0.000000 per kWh

Recoverable State Energy Policy Rate Expense
All costs appropriately charged to the State Energy Policy Tracker account shall be eligible for recovery through this Rider, and all revenues received from the State Energy Policy adjustment portion of the Resource Adjustment shall be credited to the State Energy Policy Tracker account.

PROVISION OF FORECAST DATA
To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on March 1st a 24-month forecast of the State Energy Policy Rate Factor applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

RENEWABLE DEVELOPMENT FUND RIDER

APPLICATION
Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER
There shall be included on each customer's monthly bill a Renewable Development Fund charge that shall be the applicable Renewable Development Fund factor multiplied by the customer's monthly kWh electric consumption.

DETERMINATION OF RENEWABLE DEVELOPMENT FUND FACTOR
The applicable Renewable Development Fund factor shall be the quotient obtained by dividing the annual Renewable Development Fund Tracker amount by the annual forecasted kWh sales. The factor may be adjusted annually with approval of the Minnesota Public Utilities Commission.

Residential	$0.001252 per kWh	R
Commercial	$0.001252 per kWh	R

Recoverable Renewable Development Fund Expense
All costs appropriately charged to the Renewable Development Fund Tracker account shall be eligible for recovery through this Rider, and all revenues received from the Renewable Development Fund portion of the Resource Adjustment shall be credited to the Renewable Development Fund Tracker account.

PROVISION OF FORECAST DATA
To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on October 1st a 24-month forecast of the Renewable Development Fund Factor applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

EXEMPTION
For customer premises recognized by the Company as not being subject to any of the costs of satisfying the solar energy standard under Minn. Stat. § 216B.1691, subd. 2f ("SES Costs"), the SES Costs reflected in the Renewable Development Fund charge assessed to the accounts associated with these premises may be credited to these accounts, and the dollar amount of these credits shall be added as part of the annual Renewable Development Fund Tracker applicable to the time period when the credit is issued.

TRANSMISSION COST RECOVERY RIDER

APPLICATION
Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER
There shall be included on each customer's monthly bill a Transmission Cost Recovery (TCR) adjustment, which shall be the TCR Adjustment Factor multiplied by the customer's monthly billing energy or demand for electric service as described below. This TCR Adjustment shall be calculated before city surcharge and sales tax.

DETERMINATION OF TCR ADJUSTMENT FACTORS
A separate TCR Adjustment Factor shall be calculated for the following three customer groups: (1) Residential, (2) Commercial Non-Demand, and (3) Demand Billed. The TCR Adjustment Factor for each group shall be the value obtained by multiplying each group's weighting factor by the average retail cost per kWh. The average retail cost per kWh shall be determined by the forecasted balance of the TCR Tracker Account, divided by the forecasted retail sales for the calendar year. The Demand Billed customers' TCR Adjustment Factor is calculated similarly, but the resulting per kWh charge is converted to a per kW charge for application to billed kW rather than billed kWh. TCR Adjustment Factors shall be rounded to the nearest $0.000001 per kWh or $0.001 per kW.

The TCR Adjustment Factor for each customer group may be adjusted annually with approval of the Minnesota Public Utilities Commission (Commission). Each TCR Adjustment Factor shall apply to bills rendered subsequent to approval by the Commission. The TCR factor for each rate schedule is:

Residential	$0.003607 per kWh	R
Commercial (Non-Demand)	$0.003185 per kWh	R
Demand Billed	$0.982 per kW	R

Recoverable Transmission and Distribution Costs shall be the annual revenue requirements for transmission and distribution costs associated with transmission projects and distribution planning and facilities eligible for recovery under Minnesota Statute Sections 216B.1645 or 216B.16, subd. 7b that are determined by the Commission to be eligible for recovery under this Transmission Cost Recovery Rider. A standard model will be used to calculate the total forecasted revenue requirements for eligible projects for the designated period. All costs appropriately charged to the Transmission Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered from the TCR Adjustment shall be credited to the Transmission Tracker Account.

Forecasted retail kWh sales and kW demands shall be those for the designated recovery period.

(Continued on Sheet No. 5-145)

TRUE-UP

For each 12-month period ending December 31, a true-up adjustment to the Tracker Account will be calculated reflecting the difference between the TCR Adjustment recoveries and the revenue requirements for such period. The total retail true-up adjustment shall be calculated and recorded by no later than May 1 of the following calendar year and will be included in average retail cost used to calculate the TCR Adjustment Factor for each customer group effective with the start of the next designated recovery period.

For example, the Year 1 revenue requirements versus TCR Adjustment recoveries would be determined by May 1 of Year 2, at which time the Company would record an adjustment to the Tracker Account. The difference between the Year 1 revenue requirements and Year 1 TCR Adjustment recoveries would be included in the calculation of the TCR Adjustment factors filed on September 1 of Year 2 to be effective January 1 of Year 3.

PROVISION OF FORECAST DATA

To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on September 1st a 24-month forecast of the TCR Adjustment Factor applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

APPLICATION
Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER
There shall be included on each customer's monthly bill a Renewable Energy Standard (RES) adjustment which will be the RES Adjustment Factor applied to:

1. Customer, Energy, Demand and Minimum Charges
2. Energy Charge Credits
3. Limited Energy Surcharges
4. Controllable Demand Credits
5. Voltage Discounts
6. Lighting Rates per Luminaire and Lighting Rates per Unit
7. Siren Service Rate per Horsepower
8. Residential Controlled Air Conditioning and Water Heating Discounts (Energy and Fuel Cost Charges)
9. Commercial and Industrial Controlled Air Conditioning Credits
10. Standby Service Rider
11. Supplemental Service Rider
12. Tier 1 Energy Controlled Service Rider
13. Tier 1 Peak Controlled Short Notice Rider
14. Area Development Rider
15. Fixed Charges for Low Wattage Unmetered Devices

The RES Adjustment Factor <u>does not apply</u> to:

1. Fuel Clause Rider
2. Conservation Improvement Program Rider
3. Off Season Load Rider
4. Revenue Decoupling Mechanism Rider
5. Competitive Response Rider
6. City Requested Facilities Surcharge Rider
7. Windsource Program Rider
8. WAPA Bill Credit Program Rider
9. Mercury Cost Recovery Rider
10. Environmental Improvement Rider
11. Business Incentive and Sustainability Rider
12. State Energy Policy Rate Rider
13. Renewable Development Fund Rider
14. Transmission Cost Recovery Rider
15. Renewable Energy Standard Rider
16. Net Energy Billing Service
17. Late Payment Charge
18. Any currently applicable Interim Rate Surcharge Rider
19. Low Income Program Surcharge
20. Low Income Discounts

This RES adjustment shall be calculated before city surcharge and sales tax.

(Continued on Sheet No. 5-147)

DETERMINATION OF RES ADJUSTMENT FACTOR

The Renewable Energy Standard ("RES") Adjustment Factor shall be the RES annual forecasted revenue requirement as a percentage of "base" revenues. The RES annual forecasted revenue requirement shall be the sum of the Renewable Energy Standard Costs for the forecast period and any residual Tracker balance in the RES Tracker Account.

The RES Adjustment Factor may be adjusted with the approval of the Minnesota Public Utilities Commission (Commission). The RES Factor is:

All Classes	0.450%	R

RENEWABLE ENERGY STANDARD COSTS

The RES Costs shall be the annual revenue requirements including operation and maintenance (O&M) expenses for Company owned Renewable Energy Project costs and capacity related renewable energy purchased power costs not recoverable through the FCR, that are eligible for recovery under Minnesota Statute Section 216B.1645. A standard model will be used to calculate the total forecasted revenue requirements for each annual period that is determined by the Commission to be eligible for recovery under this Renewable Energy Standard Rider.

RES TRACKER ACCOUNT

For each annual true-up period, a true-up adjustment to the RES Tracker Account (residual Tracker balance) will be calculated reflecting the difference between the RES Adjustment recoveries and the actual expenditures for such period. The true-up adjustment shall be included in calculating the RES Adjustment Factor effective with the start of the next annual recovery period.

The RES Adjustment Factor includes a true-up of actuals as available for the previous recovery period and forecast information for the remainder of the recovery period. The Final true-up adjustment for a previous recovery period will be determined by September 1 of the following year, at which time the Company will record a Final adjustment to the RES Tracker Account.

All costs appropriately charged to the RES Tracker Account shall be eligible for recovery through this rider.

PROVISION OF FORECAST DATA

To assist commercial and industrial customers in budgeting and managing their energy costs, the Company will annually make available on September 1st a 24-month forecast of the RES Adjustment Factor applicable to demand billed C&I customers under this Rider. The forecast period begins January 1st of the following year. This forecast will be provided only to customers who have signed a protective agreement with the Company.

AVAILABILITY N

The Voluntary Renewable*Connect™ ("R*C") Pilot program will be available, subject to capacity made available within the program, to any customer who elects to participate in the program that would otherwise receive service under a rate schedule that is subject to the adjustments provided for in the Fuel Clause Rider.

DEFINITIONS

The following definitions apply:

"Applicable Retail Electric Usage" means the measured retail electric usage of the Customer on the account(s) during the monthly billing cycle for the Customer's premises identified in the Service Agreement as being associated with the Customer's subscription to the R*C Service.

"R*C Adjustment" means the product resulting from the multiplication of the R*C Price by the Subscription Level.

"R*C Price" means the price as shown in the Rate section below.

"R*C Resources" for this pilot program means portions of renewable sources applicable to the R*C Service.

"R*C Service" means the service offered under this Voluntary Renewable*Connect Pilot Program Rider.

"Service Agreement" means the tariffed service agreement associated with the R*C Service which the Customer signs.

"Subscription Level" means the Customer's allocated share set forth in the Service Agreement, in kWh, of the energy from the R*C Resources. The Subscription Level is a blend of renewable resources.

RIDER

Customer may elect to receive R*C Service. The following types of R*C Service are available ("R*C Service Type") in the following billing methods ("R*C Billing Method"):

R*C Service Types	R*C Billing Methods
Month-to-Month	100 kWh Blocks
5 Years	Entire Monthly Usage
10 Years	Single Event Usage
Single Event	

Each billing month the R*C Price associated with the R*C Service Type chosen by the Customer will be applied to the Subscription Level chosen by the Customer, the product of the R*C Price and Subscription Level being the R*C Adjustment. Customers receiving R*C Service shall not be subject to the Minnesota Electric Fuel Clause Rider for the portion of its Applicable Retail Electric Usage that is less than or equal to the Customer's Subscription Level. All usage shall be subject to any other applicable adjustments and surcharges, including city surcharge or sales tax. The cost to the Customer for participating in the R*C Service will appear on the Customer's retail electric bill.

DETERMINATION OF R*C PRICE

The R*C Price shall be calculated as follows: for the month-to-month and single event R*C Service Type, pricing will be based on the partially levelized delivered cost of the R*C Resources, adjusted for capacity credits and neutrality charges, plus recoverable program expenses. For the 5-year and 10-year R*C Service Types, pricing shall be based on the actual delivered cost of the R*C Resources, adjusted for capacity credits and neutrality charges, plus recoverable program expenses. Recoverable program expenses include renewable energy purchases, marketing, and other costs approved by the Minnesota Public Utilities Commission ("Commission"). The R*C Price for the month-to-month R*C Service Type may be revised annually with approval of the Commission. N

(Continued on Sheet No. 5-150)

RATE
The R*C Price for the pilot phase R*C Resources of each R*C Service Type shall be as follows based on year of production, unless otherwise provided for in this tariff:

Month-To-Month R*C or Single Event R*C Service Type	
Year number	$/kWh
3 (2019)	$0.03599
4 (2020)	$0.03623

5-Year and 10-Year R*C Service Type

Year	5-Year Contract ($/kWh)	10-Year Contract ($/kWh)
2017	$0.03243	$0.03193
2018	$0.03280	$0.03230
2019	$0.03317	$0.03267
2020	$0.03330	$0.03280
2021	$0.03345	$0.03295
2022	$0.03361	$0.03349
2023	$0.03429	$0.03404
2024	$0.03497	$0.03460
2025	$0.03569	$0.03519
2026	$0.03642	$0.03580

NEUTRALITY CHARGE
The R*C Price includes a neutrality charge to mitigate the impact of the R*C Pilot program on non-participating customers. The standard neutrality charge is as follows:

Year number	$/kWh
3 (2019)	$0.00483
4 (2020)	$0.00488

Customers receiving service under the Company's Business Incentive and Sustainability Rider, Competitive Response Rider, Residential Electric Vehicle Service (Rate Code A08), Residential Electric Vehicle Pilot Service (Rate Code A80, A81), or Residential Electric Vehicle Subscription Pilot Service (Rate Code A82, A83) shall not be subject to the neutrality charge portion of the R*C Price. T N

TRACKER ACCOUNT
Due to the variability of renewable resources, the Renewable*Connect program tracker account may have an excess or shortage of supply in any given hour or month. The Company will balance Renewable*Connect program usage at the end of the program year in accordance with the expected resource blend. As a result, the program may require more or less of a share of the expected program allocation. Energy produced by the R*C Resources that is not associated with any R*C Service subscription and therefore not allocated to an R*C Customer will be sold to all customers at the delivered cost through the Fuel Clause Adjustment. The Company will maintain accounting of the monthly balance of total R*C Resources production, total program usage, total revenues collected under the program and the expenses associated with offering the R*C Service, including the renewable energy purchases, marketing and other costs for this program. The Company may petition the Commission annually to true up the marketing and administrative cost tracker balance and apply the resulting true-up factors to the Month-To-Month R*C Price.

(Continued on Sheet No. 5-151)

TERMS AND CONDITIONS OF SERVICE

1. Any Customer enrolling in this R*C Service shall execute the Service Agreement with the Company. The effective date of such service, and the Customer's Subscription Level, will be set forth in the Service Agreement. A Customer's ability to continue receiving this R*C Service terminates upon the termination of the Service Agreement.

2. A Customer may elect to subscribe by: (i) purchasing a specified number of 100 kWh blocks; (ii) the Customer's entire Applicable Retail Electric Usage; or (iii) the Customer's entire Retail Electric Usage for a special event; provided, however, that in no event shall the customer's total Subscription Level exceed 10% of the total expected average output of the available R*C Resources.

2a. Limited Exception to Subscription Level. Customers who subscribe to the first tranche of resources approved for the Renewable*Connect Pilot Program may purchase a total Subscription Level from the first tranche without limitation. N N N

3. Unless otherwise agreed to by the Company, for a Customer electing to receive the R*C Service by the 100 kWh Blocks R*C Billing Method, the Subscription Level shall be set so that when combined with other distributed generation resources serving the premises designated in the Service Agreement the subscription size does not exceed one hundred (100) percent of the previous annual (12-month) consumption of electric energy by Customer at Premises. If twelve (12) months of historical electric energy consumption data is not available for a particular Customer Premise, the Company will calculate the estimated annual electric energy consumption as follows: if there is less than twelve (12) months but four (4) months or more of consumption history, the average monthly consumption is multiplied by twelve (12) to figure the yearly consumption. In cases where there is less than four (4) months of consumption history, home usage is estimated based on the historical average energy use of homes of a similar size. Homes are assumed to have central A/C, electric appliances, and natural gas water and space heating. For commercial properties and all properties over 4,500 square feet with less than four (4) months of consumption history, the Customer must submit an energy audit (HERS Rating or similar) or load calculations for the property stating the estimated annual consumption. Load calculations must be documented and sent to the Renewable*Connect Program Manager for approval. The compliance check by the Company with this 100% rule will be performed once at the beginning of a subscription and later only if the Customer changes his or her subscription size or relocates to a new premise. In the event a customer's Applicable Retail Electric Usage in a given billing month results in the partial consumption of a 100 kWh Block, the charge on that partial block will be prorated accordingly.

4. For a Customer electing to receive its entire Applicable Retail Electric Usage pursuant to the R*C Service, Xcel Energy reserves the right to provide system energy in any given billing month for any portion of the Customer's Applicable Retail Electric Usage that exceeds its monthly average usage (calculated as the actual or estimated 12-month annual electric energy consumption described in paragraph 3, divided by 12).

(Continued on Sheet No. 5-152)

TERMS AND CONDITIONS OF SERVICE (Continued)

5. A Customer's subscription period becomes effective on the first day of Customer's billing period immediately following the Company counter-signing the Service Agreement (but not before January 1, 2017). Subscription periods are month-to-month, 5 years and 10 years, or are for a designated Special Event. Any termination by the Customer ahead of the 5 year, 10 year or Special Event term shall be provided by notice by the Customer to the Company at least 30 days prior to the Termination Date. The Termination Date is the last day of the billing month following 30 days from Company receipt of the termination notice provided by the Customer. Month-to-month subscriptions shall continue until terminated by the customer, and shall end on the last day of the billing month following 30 days from Company receipt of the termination notice provided by the Customer. A Customer that terminates a 5-Year or 10-Year R*C Service prior to the completion of that 5-Year or 10-Year term shall be subject to an Early Termination Fee. The Early Termination Fee shall be equal to the customer's actual R*C Service usage for the 12-month billing period ending on the Termination Date multiplied by a per MWh amount of $10 (R*C Early Termination Fee Rate). If the Customer does not have at least 12 billing months of R*C Service usage, the anticipated 12-month R*C Service usage will be calculated as follows:
    a. For Customers choosing the 100 kWh Blocks R*C Billing Method, the number of 100 kWh Blocks subscribed will be multiplied by twelve (12).
    b. For Customers choosing the Entire Monthly Usage R*C Billing Method, the estimated annual (12-month) usage for the Customer using the methodology described in paragraph 3.

    This anticipated 12-month R*C Service usage will then be multiplied by the R*C Early Termination Fee Rate to determine the value of the Early Termination Fee.

6. Xcel Energy may cancel this R*C Service and any Service Agreement applicable to the R*C Service on written order from the Commission based on good cause shown. Additionally, Xcel Energy may, upon reasonable notice to a Customer, cancel any Service Agreement applicable to the R*C Service to assure that the Service Agreement does not extend beyond the term of this R*C Pilot Program. The term of this R*C Pilot Program ends on December 31, 2026. N N N N

7. The Company will submit reports to the Commission each April 1, or as otherwise ordered in relation to the tracker accounting.

8. For customers on time of day tariffs, their usage met by R*C Service and any excess usage not met by R*C Service shall both be assigned to the on-peak and off-peak periods in proportion to the Customer's total billing period on-peak and off-peak usage.

9. Xcel Energy may, in its discretion, allow customers to subscribe to the R*C Program on a limited basis for the energy used by a single event or series of events without making a long-term purchase commitment.

10. The discounts under Residential Controlled Air Conditioning and Water Heating Rider and Commercial and Industrial Controlled Air Conditioning Riders are not applicable to the charges under this Rider.

(Continued on Sheet No. 5-153)

TERMS AND CONDITIONS OF SERVICE (Continued) N

11. This Rider is provided to satisfy the conditions of Minn. Stat. §216B.169, subd. 2 related to renewable and high-efficiency energy rate options. The sales arrangements of renewable energy from the Renewable*Connect program supplies are such that the power supply is sold only once to retail customers.

12. The R*C Service shall only apply to the Applicable Retail Electric Usage of a Customer in excess of other renewable or other energy self-supplied by the Customer or supplied to the Customer by a different entity.

13. Any customer taking service under this Rider shall execute a Renewable*Connect Service Agreement. The effective date of service under this Rider will be set forth in the Service Agreement.

14. All R*C Resources are located in Minnesota. The Company shall assign to Customer, or retire on Customer's behalf, all renewable energy credits (RECs) associated with the Customer's Subscription Level for which the Customer has paid to the Company the applicable R*C Price. RECs assigned to Customer or retired on the Customer's behalf will not also be claimed by the Company as its renewable energy for other purposes. N

AVAILABILITY

The Voluntary Renewable*Connect™ Government ("R*CG") Pilot Program will be available, subject to capacity made available within the program, to any political subdivision or agency customer that: (i) elects to participate in the program; (ii) would otherwise receive service under a rate schedule that is subject to the adjustments provided for in the Minnesota Electric Fuel Clause Rider; and (iii) has the equivalent of an Investment Grade Credit Rating or, if such rating is unavailable, has satisfactory creditworthiness as determined by Northern States Power Company in its reasonably exercised discretion. For purposes of this Rider, a political subdivision or agency means a regional, territorial, or local authority, such as a county or municipality (including a municipal corporation) that is created or recognized by statute or other authority to exercise sovereign powers and that has governing officers appointed by officials of a recognized political subdivision or that are publicly elected. As used in this Pilot Program, a political subdivision or agency includes the Minnesota Department of Administration and those State of Minnesota agencies it assists in administering. Investment Grade Credit Rating, for the purposes of this Rider, means a senior unsecured bond rating (unenhanced by third party support) assigned by Standard & Poors Rating Group (or its successor) of BBB- or higher and/or Moody's Investor Service Inc. (or its successor) of Baa3 or higher; provided, however, that if any senior unsecured bond rating (unenhanced by third party support) is exactly equivalent to BBB-/Baa3, the rated entity shall not be on credit watch by such rating agency, and, provided further, that if the ratings of S&P and Moody's are not equivalent, the lower rating shall apply. N

DEFINITIONS

The following definitions apply:

(i) "Applicable Retail Electric Usage" means the measured retail electric usage of the Customer on the account(s) during the monthly billing cycle for the Customer's premises identified in the Service Agreement as being associated with the Customer's subscription to the R*CG Service.

(ii) "R*CG Adjustment" means the product resulting from the multiplication of the R*CG Price by the R*CG Energy.

(iii) "R*CG Energy" means the electric power, in kWh, from the R*CG Resources associated with the Customer's Subscription Level.

(iv) "R*CG Price" means the price as shown in the Rate section below.

(v) "R*CG Resources" for this pilot program means portions of renewable sources applicable to the R*CG Service.

(vi) "R*CG Service" means the service offered under this Voluntary Renewable*Connect-Government Pilot Program Rider.

(vii) "Service Agreement" means the tariffed service agreement associated with the R*CG Service which the Customer signs.

(viii) "Subscription Level" means the Customer's allocated share set forth in the Service Agreement, in MW, of the capacity from the R*CG Resources. The Subscription Level is a blend of renewable resources. N

(Continued on Sheet No. 5-155)

RIDER

Customer may elect to receive R*CG Service. Under the R*CG Service, the Customer shall subscribe for a fixed amount of the capacity of the R*CG Resources. Each billing month, the R*CG Price will be applied to the Customer's R*CG Energy, the product being the R*CG Adjustment. N

If the Customer's Applicable Retail Electric Usage is less than the R*CG Energy in any given billing month, then:

1. The Company will bill the Customer for the Customer's Applicable Retail Electric Usage based on the R*CG Price for that billing month;
2. The kWh surplus shall be carried over and applied to a subsequent billing month for the Customer.
3. Any such surplus may be carried over up to the day before the yearly anniversary of the Customer's Subscription Term as defined in the Service Agreement. If there is a positive kWh carry-over balance at the end of that day, the Customer shall incur a charge on its retail bill for that balance in kWh multiplied by the then-current R*CG Price along with a credit for the balance in kWh multiplied by the Net Resources Cost (defined as the resource cost less the current capacity credit). The accumulated Customer surplus then will be reduced to zero.

Customer receiving R*CG Service shall only be subject to the Minnesota Electric Fuel Clause Rider for the portion of its Applicable Retail Electric Usage that is greater than the Customer's R*CG Energy plus any applicable applied kWh surplus. All usage shall be subject to any other applicable adjustments and surcharges, including city surcharge or sales tax. The cost to the Customer for participating in the R*CG Service will appear on the Customer's retail electric bill.

DETERMINATION OF R*CG PRICE

The R*CG Price is based on the actual delivered cost of the R*CG Resources adjusted for capacity credits and neutrality charges, plus recoverable program expenses. Recoverable program expenses include renewable energy purchases, marketing, and other costs approved by the Minnesota Public Utilities Commission ("Commission"). N

(Continued on Sheet No. 5-156)

RATE

The R*CG Price for the pilot phase R*CG Resources shall be as follows based on year of production, unless otherwise provided for in this tariff: N

Year	R*CG Price ($/kWh)
2017	$0.03093
2018	$0.03130
2019	$0.03167
2020	$0.03230
2021	$0.03295
2022	$0.03349
2023	$0.03404
2024	$0.03460
2025	$0.03519
2026	$0.03580
2027	$0.03617
2028	$0.03680
2029	$0.03745
2030	$0.03813
2031	$0.03881
2032	$0.03951
2033	$0.04025
2034	$0.04100
2035	$0.04176
2036	$0.04224

RENEWABLE*CONNECT GOVERNMENT RESOURCES

The Renewable*Connect Government program will be supplied by R*CG Resources, which produce renewable energy as set forth in Minn. Stat. § 216B.169 (as the same may be amended or revised from time to time). The Customer's share of the output of the R*CG Resources is the "R*CG Energy".

The Company shall not be liable to the Customer in the event that the R*CG Energy is greater than or less than the Customer's Applicable Retail Electric Usage. The Customer assumes all production risk of the R*CG Resources.

To the extent the Company is not required to pay the operator of the R*CG Service because R*CG Resources are unavailable, then on a pro-rata basis the R*CG Energy level of the Customer shall be reduced while such resources are unavailable. N

(Continued on Sheet No. 5-157)

TRACKER ACCOUNT

Customers enrolled in the R*CG Service subscribe to a fixed amount of the capacity of the R*CG Resources, which is the Customer's Subscription Level. The R*CG Resources are variable in nature and may produce more or less energy than the Customer's Applicable Retail Electric Usage. The Company shall apply the R*CG Price to the Customer's Applicable Retail Electric Usage up to the level of the R*CG Energy plus any applied kWh surplus from previous months. If the Customer's Applicable Retail Electric Usage in a given billing month is greater than the R*CG Energy plus unused kWh surplus, then to that extent the Customer's electric usage will be subject to the Minnesota Electric Fuel Clause Rider. The Company will balance the usage of R*CG Service Customers at the end of the program month and year with the actual output of the R*CG Resources over the same periods in accordance with the expected resource blend. Energy produced by the R*CG Resources that is not associated with any R*CG Service subscription and therefore not allocated to an R*CG Customer will be sold to all customers at the delivered cost through the Fuel Clause Adjustment. N

The Company will maintain accounting of the monthly balance of total program production, total program usage, total revenues collected under the program and the expenses associated with offering the R*CG Service, including the renewable energy purchases, marketing and other costs for this program.

TERMS AND CONDITIONS OF SERVICE

1. Any Customer enrolling in this R*CG Service shall execute the Service Agreement with the Company. The effective date of such service, and the Customer's Subscription Level, will be set forth in the Service Agreement. A Customer's ability to continue receiving this R*CG Service terminates upon the termination of the Service Agreement.

2. Unless otherwise agreed to by the Company, a Customer's Subscription Level initially shall be set so that when combined with other distributed generation resources serving the premises designated in the Service Agreement the subscription size does not exceed one hundred (100) percent of the previous annual (12-month) consumption of electric energy by Customer at Premises to which the subscription is attributed (using a conversion factor based on expected production from the R*CG Resources). If twelve (12) months of historical electric energy consumption data is not available for a particular Customer premise, the Company will calculate the estimated annual electric energy consumption as follows: if there is less than twelve (12) months but four (4) months or more of consumption history, the average monthly consumption is multiplied by twelve (12) to figure the yearly consumption. In cases where there is less than four (4) months of consumption history, for commercial properties and all properties over 4,500 square feet with less than four (4) months of consumption history, the Customer must submit an energy audit (HERS Rating or similar) or load calculations for the property stating the estimated annual consumption. Load calculations must be documented and sent to the Renewable*Connect Government Program Manager for approval. The compliance check by the Company with this 100% rule will be performed once at the beginning of a subscription and later only if the Customer changes the Premise(s) associated with the Customer's Subscription Level. N

(Continued on Sheet No. 5-158)

3. Subscription periods become effective on the first day of Customer's billing period immediately following the Company counter-signing the Service Agreement (but not before January 1, 2017), and shall expire on December 31, 2035. Customers that terminate R*CG Service prior to the termination date in the Service Agreement shall be subject to an early termination fee (the "Early Termination Fee"). The Early Termination Fee shall be equal to the Subscription Level in kW multiplied by $20/kW. N

4. A Customer may assign all or part of its Subscription Level to one or more other accounts associated with other premises where it receives retail electric service from the Company and which otherwise qualify under this program under a process which the Company establishes for this.

5. Xcel Energy may cancel this R*CG Service and any Service Agreement applicable to the R*CG Service on written order from the Commission based on good cause shown.

6. The Company will submit reports to the Commission each April 1, for the prior calendar year, or as otherwise ordered in relation to the tracker accounting.

7. For Customers on time of day tariffs, their usage met by R*CG Service and any excess usage not met by R*CG Service shall both be assigned to the on-peak and off-peak periods in proportion to the Customer's total billing period on-peak and off-peak usage.

8. The discounts under Residential Controlled Air Conditioning and Water Heating Rider and Commercial and Industrial Controlled Air Conditioning Riders are not applicable to the charges under this Rider.

9. This R*CG Service shall only apply to the Applicable Retail Electric Usage of a Customer in excess of net metering or other renewable energy supplied by or for the Customer for the premises designated in the Service Agreement.

10. All R*CG Resources are located in Minnesota.

11. The Company shall assign to Customer, or retire on Customer's behalf, all renewable energy credits (RECs) associated with the Customer's R*CG Energy for which the Customer has paid to the Company the applicable R*CG Price. RECs assigned to Customer or retired on the Customer's behalf will not also be claimed by the Company as its renewable energy for other purposes. N

3.2 METHOD OF DETERMINING DEMAND FOR BILLING PURPOSES

The actual demand in kW is defined as the greatest 15-minute average load during the billing period. For determining the adjusted demand, the actual demand may require application of the average power factor, which is defined as the quotient obtained by dividing the kilowatt-hours used during the month by the square root of the sum of the squares of the kilowatt-hours used and the lagging reactive kilovolt-ampere-hours supplied during the same period. Any leading kilovolt-ampere-hours supplied during the period will not be considered in determining the average power factor. The demand for billing shall be determined as shown in the respective rate schedule.

3.3 READING FREQUENCY; CUSTOMER ACCOMMODATION

Meter Reading Standard

Please refer to Section 1.9 of the Company's General Rules and Regulations.

Meter Reading Options

For those customers whose meters are inaccessible, and for whom a meter reading appointment during normal business hours would present a hardship due to work or other schedule conflicts, the Company will provide the following options: (1) meter reading appointments during the evening on weekdays; (2) meter reading appointments on a Saturday or Sunday; or (3) instructions for self-reading the meter.

3.4 MONTHLY BILLING

Bills will normally be rendered monthly and may be paid by mail, ~~or at the office of the Company~~by electronic or phone options, or to its duly authorized agents during regular business hours. A "month", as used for billing purposes, does not mean a calendar month, but means the interval between two consecutive periodic meter ~~reading~~consumption data received dates which are, as nearly as practicable, at 30 day intervals. The Company may read certain meters less frequently than once each billing month for customers under the Company's self meter reading procedure, or when the Company and customers otherwise mutually agree, except that a Company representative will read the meter at least once each 12 months. If the billing period is longer or shorter than the normal billing period by more than five days, the bill shall be prorated on a daily basis, except for the November, December and January billing periods whereby the bill shall be prorated on a daily basis whenever the billing period is less than 25 days or more than 40 days. C T

(Continued on Sheet No. 6-14.1)

3.5 AVERAGED MONTHLY PAYMENT PLAN

Qualified customers may, at their request, be billed under the Company's Averaged Monthly Payment Plan. Such plan shall ~~provide for 11 equal~~ generally levelize a customer's monthly payments based on their ~~customer's previous~~historic use. The billing for ~~the twelfth~~any true-up month will reflect the actual billing for that month adjusted for the credit or debit balance carried forward from the previous month. The Company will initially establish the customer's Averaged Monthly Payment Plan and subsequently review the monthly amount at least once per ~~account during the Plan~~ year to ascertain ~~the~~its reasonableness compared to customer's projected annual bill using current rates~~of the Plan amount under current rates or conditions of use of service, and the monthly payment will be adjusted accordingly~~. After 12 months, the customer will be automatically re-enrolled in the Averaged Monthly Payment Plan, unless the customer notifies the Company that they wish to cancel. T T

Averaged Monthly Payment Plan is subject to the following conditions:

Qualified Customers: To qualify for the Averaged Monthly Payment Plan, a customer must have a current payment status with the Company's utility bill and request to be enrolled in the Plan.

Removal from Plan:

a. Customer shall automatically be removed from the Plan if any billed amount remains unpaid for two consecutive billing periods.
b. Customer shall automatically be removed from the Plan if the customer closes their account.
c. Customer shall be removed from the Averaged Monthly Payment Plan at any time at their request.

Account Balance: If participation in the Plan is terminated or canceled for any reason, the total amount owed on the account becomes due. The Company will refund any account credit as a credit on the customer's bill or, at the customer's request, by direct payment.

(Continued on Sheet No. 6-15)

3.15 METER EQUIPMENT MALFUNCTIONS (Continued) ~~N~~

C. BILLING ADJUSTMENTS

If the Company does not repair or replace natural gas or electric meter equipment found to be malfunctioning within ten calendar days (20 calendar days for natural gas Remediate upon Referral malfunctions), the Company will not rebill the customer for any under-billing amount owed for service occurring between the date the potential issue was identified and the date the Company remedied the meter equipment malfunction.

However, the Company may rebill for the amount owed for service occurring between the date the potential issue was identified and the date the Company remedied the meter equipment malfunction if the Company's actions were delayed as a result of any Exclusions identified in Section ~~E~~D below. T

Subject to the requirements of the Meter Equipment tariff, the Company will apply its Billing Adjustments tariff language in Section No. 6 of the Company's GENERAL RULES AND REGULATIONS to any rebilling resulting from malfunctioning meter equipment.

D. EXCLUSIONS

In the case where the Company's field investigation identifies malfunctioning meter equipment, but the Company otherwise obtains accurate and consistent customer billing meter readings, the prescribed timeframes in Sections B and C above are not applicable.

The Company will make its best efforts to meet the prescribed timeframes in Sections B and C above. However, the following issues may cause delays in the Company's ability to investigate or remedy malfunctioning meter equipment in those prescribed timeframes, and make B and C above not applicable:

Meter Access

- Meter is inaccessible due to a physical object built around it or blocking it;
- Meter is inaccessible due to locked fence or other property access problem;
- Customer appointment is needed to gain access to meter and Company makes reasonable attempts but is unable to obtain timely access to meter and/or access to inside of premise;
- Property re-modeling prevents access;
- Vacant or unknown property ownership; or
- Customer refuses the Company access to meter and/or access to inside of premise; ~~N~~

(Continued on Sheet No. 6-17.4)

5.1 STANDARD INSTALLATION (Continued)

A. Service at Secondary and Primary Voltage (Continued)

1. *Service Installation*

a. Residential. Company will extend, on private property, to a Company designated service location, a service lateral a maximum distance of 100 feet. When the necessary extension to a Company designated service location exceeds these limits, the customer will be charged for the additional extension according to the Excess Footage Charge set forth below. Customers requesting a preferred service location will also be charged the Excess Footage Charge for each circuit foot Company extends the installation beyond Company's designated service location.

Excess Footage Charge

Services	~~$7.90~~$12.50 per circuit foot	R

b. Non-Residential. Company will extend, on private property, to a Company designated service location, a distribution lateral, the total cost of which must not exceed a sum equal to three and one half (3.5) times the customer's anticipated annual revenues, excluding the portion of the revenue representing fuel-cost recovery. When the cost of the necessary extension exceeds this limit, the customer will be charged the difference.

Excess Footage Charge

Excess single phase primary or secondary extension	~~$8.00~~$13.20 per circuit foot	R
Excess three phase primary or secondary extension	~~$13.90~~$20.80 per circuit foot	R

(Continued on Sheet No. 6-24)

5.1 STANDARD INSTALLATION (Continued)

A. Service at Secondary and Primary Voltage (Continued)

2. Winter Construction. When underground facilities are installed between October 1 and April 15, inclusive, because of failure of customer to meet all requirements of the Company by September 30, or because the customer's property, or the streets leading thereto, are not ready to receive the underground facilities by such date, such work will be subject to a Winter Construction Charge when winter conditions of six inches or more of frost exist, snow removal or plowing is required to install service, or burners must be set at the underground facilities in order to install service for the entire length of the underground service. Winter construction will not be undertaken by the Company where prohibited by law or where it is not practical to install underground facilities during the winter season. The charges immediately below apply to frost depths of 18" or less. At greater frost depths, the Company may individually determine the job cost. The Company reserves the right to charge for any unusual winter construction expenses. All winter construction charges are non-refundable and are in addition to any normal construction charges. If NSP gas and electric facilities are installed in a joint trench for any portion, the Company will waive the lower of the gas and electric winter construction charges on the joint portion.

Winter Construction Charge

Thawing	~~$600.00~~$685.00 per frost burner	R
Service, primary or secondary distribution extension	~~$3.80~~$8.90 per trench foot	R

3. *Unusual Installation Costs*. The customer is required to pay the excess installation cost incurred by the Company because of:
   a. surface or subsurface conditions that impede the installation of distribution facilities,
   b. delays caused by customer, or
   c. paving of streets, alleys, or other areas prior to the installation of underground facilities.

   Such payment, if any, will be determined by the Company based on actual costs.

(Continued on Sheet No. 6-25)

5.2 GENERAL EXTENSION (Continued)

Non-refundable payments will be in the amount determined by subtracting from the total estimated installation cost the product of three and one half (3.5) times the anticipated annual revenue, excluding the portion of the revenue representing fuel-cost recovery, as set forth in Section 5.1, STANDARD INSTALLATION. Additional refundable payments may be required where service is extended and where customer occupancy is expected to be delayed. In such cases, for each additional customer served directly from the original contracted extension within five years from the date of its completion, the person who made the advance payment will receive proportionate refunds as additional customers take occupancy. The total of such refunds will in no event exceed the total refundable advance payment. Refunds will be made only for line extensions on private property to a single customer served directly from the original contracted facilities.

5.3 SPECIAL FACILITIES

A. Definitions

For the purposes of Section 5.3 and the City Requested Facilities Surcharge Rider, the following definitions apply:

1. "Distribution Facilities" are defined as all primary and secondary voltage wires, poles, insulators, transformers, fixtures, cables, trenches, ductlines, and other associated accessories and equipment, including substation equipment, rated 35kV class and below, whose express function and purpose is for the distribution of electrical power from the Company's distribution substation directly to residential, commercial, and/or industrial customers. Distribution Facilities exclude all facilities used primarily for the purpose of transferring electricity from a generator to a substation and/or from one substation to another substation. As such, Distribution Facilities serve only customers on the primary and secondary rates of the Company.

2. "Transmission Facilities" are defined as all poles, towers, wires, insulators, transformers, fixtures, cables, and other associated structures, accessories and equipment, including substation equipment, rated 25kV class and above, whose express function and purpose is the transmission of electricity from a generator to a substation or substations, and from one substation to another.

3. "Municipality" is defined as any one of the following entities: a county, a city, a township, the Minnesota Department of Transportation (MnDOT) or other unit of local government.

4. "City" is defined as either a statutory city or a home rule charter city consistent with Minn. Stat. §410.015 and §216B.02, Subd. 9.

(Continued on Sheet No. 6-27.1)

5.3 SPECIAL FACILITIES (Continued)

C. Special Facilities In Public Right-Of-Way

1. Whenever a Municipality as a governing body of public right-of-way orders or requests the Company to replace, modify or relocate its existing Distribution Facilities or Transmission Facilities located by permit in said public right-of-way ~~to the extent necessary to avoid interference with construction on said public right-of-way,~~ such facilities will be replaced, modified or relocated at Company expense, provided the construction is the Standard Facility(ies) installation designated by the Company and that the replacement, modification or relocation is necessary to prevent interference, and not merely for convenience of the local government unit, in connection with: (1) a present or future local government use of the right-of-way for a public project; (2) the public health or safety; or (3) the safety and convenience of travel over the right-of-way. The Municipality must authorize the construction at a Company-approved reasonable location within the public right-of-way or at a location established by lawful order of the Municipality. If a Municipality orders relocation of overhead facilities and there is no room for overhead construction of the facilities in the right-of-way, Excess Expenditures associated with installing underground facilities will be subject to Section 5.3(E). D N N

2. If the Municipality requests or orders a facility other than the standard facility(ies) determined under 5.3(C)(1), the Company will provide the Municipality notification of the Excess Expenditure compared to the Standard Facility. If the Municipality requests or orders a type of construction with cost in excess of the Company designated standard construction, recovery of such Excess Expenditures will be subject to Section 5.3(E). ~~If the area is an overhead area and the has requested relocation and there is no room for overhead construction in the right-of-way, Excess Expenditures associated installing underground facilities will be subject to Section 5.3(E).~~ D D D

3. Except in emergencies, the Company has no obligation to commence initial construction of new Special Facilities in a Municipality, or to commence construction for replacement, modification, reconstruction or relocation of existing facilities, until the Company receives a permit, or other written authorization, from the Municipality (or its designee) having jurisdiction over use of the applicable public right-of-way, authorizing the construction at a Company-approved reasonable location within the public right-of-way or at a location established by lawful order of the Municipality. N

4. The Company reserves the right to require an order from a Municipality if the Company determines the requested Special Facilities constitute an improvement primarily for the benefit of a landowner or other group and only an incidental benefit to public use of the right-of-way. The Company also reserves the right to challenge the lawfulness of a Municipality's order.

~~D. Underground Facilities Requirements~~ L

~~The following provisions apply when replacing overhead facilities with underground facilities:~~ L

(Continued on Sheet No. 6-29)

~~1. The customer, at customer's expense, must engage an electrician to adapt the customer's electrical facilities to accept service from Company underground facilities.~~ L

~~2. The Company will allow reasonable time for the customer to make the necessary alterations to their facilities, before removal of the existing overhead facilities. The customer, group of customers, developer or Municipality must provide Company reasonable notice of the undergrounding request so Company may efficiently plan and install such facilities.~~ L

(Continued on Sheet No. 6-29)

5.3 SPECIAL FACILITIES (Continued)

5. A Municipality shall not order Company to remove or relocate its Distribution Facilities or Transmission Facilities when a right-of-way is vacated, improved or realigned for a right-of-way project or any other project which is financially subsidized in whole or in part by the Federal Government or any agency thereof, unless the reasonable non-betterment costs of such relocation are first paid to Company. The Municipality is obligated to pay Company only for those portions of its relocation costs for which the Municipality has received federal funding specifically allocated for relocation costs in the amount requested by the Company, which allocated funding the Municipality shall specifically request. N

6. If the Minnesota Department of Transportation ("MnDOT") requests the Company to replace, modify or relocate its existing Distribution Facilities or Transmission Facilities located by permit in MnDOT right-of-way, MnDOT shall make reasonable efforts to provide and identify a reasonable alternative location for the Company's facilities within or outside the right-of-way as part of its relocation order and prior to any work being done by the Company. N

D. Underground Facilities Requirements L

The following provisions apply when replacing overhead facilities with underground facilities:

1. The customer, at customer's expense, must engage an electrician to adapt the customer's electrical facilities to accept service from Company underground facilities.

2. The Company will allow reasonable time for the customer to make the necessary alterations to their facilities, before removal of the existing overhead facilities. The customer, group of customers, developer or Municipality must provide Company reasonable notice of the undergrounding request so Company may efficiently plan and install such facilities. L

(Continued on Sheet No. 6-29)

6.3 BUSINESS INTERRUPTION

If, for any cause not reasonably within the customer's control, including fire, explosion, flood, unavoidable accident, labor dispute, or government interference, the customer's electric load is substantially reduced because customer is partially or totally prevented from using all the electric service supplied by the Company, the demand ratchet portion of the Determination of Demand provision of the general service rates shall be suspended for the duration of the business interruption. Similarly, the Annual Minimum Demand Charge provision of customer contracts for the interruptible service rates shall be prorated to reflect the duration and level of customer's business interruption.

6.4 CUSTOMER NOTICE OF PLANNED SERVICE INTERRUPTIONS.

The Company shall give customers reasonable notice of any planned service interruption expected to last longer than 20 minutes. For any planned interruption expected to exceed four hours, the Company shall provide, if feasible, ~~mailed~~written notice one week in advance, and notice by telephone or door-to-door household visits 12 to 72 hours before the planned interruption. Planned service interruptions will be scheduled at times to minimize the inconvenience to customers. In the event that a planned service interruption exceeding four hours is canceled, the Company shall notify, where feasible, the customers who received notice that service would be interrupted.

SECTION 7 COMPANY'S RIGHTS

7.1 WAIVER OF RIGHTS OR DEFAULTS

No delay by the Company in enforcing any of its rights may be deemed a waiver of such rights, nor may a waiver by the Company of any of a customer's defaults be deemed a waiver of any other or subsequent defaults.

7.2 MODIFICATION OF RATES, RULES, AND REGULATIONS

The Company reserves the right, in any manner permitted by law, to modify any of its rates, rules, and regulations or other provisions now or hereafter in effect.

Item	Sheet No.	
Electric Service Agreement	7-2	~~T~~
Electric Service Agreement Peak Controlled	7-5	
Automatic Throw-Over /Manual Throw-Over Dual Feeder Agreement	7-9	
Western Area Power Administration Contract	7-15	
St. Anthony Falls Upper Lock and Dam	7-36	
Underground Gas and/or Electric Distribution Agreement	7-38	
Overhead Service Form	7-44	
Underground Service Form	7-46	
Underground Distribution Agreement	7-49	
Statement of Work Requested	7-52	
Statement of Work Requested - Municipality	7-53.1	
Advance Payment Subject to Reimbursement Form	7-54	
Advance Payment by Note Subject to Reimbursement Form	7-56	
Promissory Note	7-58	
MN, ND & SD Residential Underground Service Contract	7-60	
My Account Online Agreement	7-62	
eBill and eBill Payment Terms of Use	7-69	
Interconnection Agreement – Federal Agency Distributed Generation under 2000 kW (Closed to New Applicants)	7-75	~~N~~
One-Time My Account Payment Terms of Use	7-92	
Voluntary Renewable*Connect Rider Service Agreement	7-98	
Voluntary Renewable*Connect Government Rider Service Agreement	7-102	~~T~~
Customer Mobile Application Terms of Use	7-106	N

4.0 TERMS AND CONDITIONS (Continued)

4.14 For electric System and Service, Developer agrees to provide the following minimum clearance around the transformer: front, 10 feet; sides and back, 2 feet; with the following exception: side facing building must have 30" clearance. These clearances must be at the same grade as the transformers. If screening is to be used, the area in front of the transformer must be left open or a hinged door, easily operable by one person, must be provided. This area must be accessible 24 hours a day. Xcel Energy will not be responsible for costs to repair obstruction if minimum clearance is not present.

4.15 Developer agrees to begin using Service within 90 days after Xcel Energy completes System and Service installation. If Developer fails to use any of said Service, Xcel Energy may charge Developer: (i) the reasonable cost of installing the System, less any customer contribution made; or (ii) the Monthly Minimum Charge plus any applicable surcharges or taxes.

4.16 If Xcel Energy is unable to secure upon reasonable terms and conditions from the appropriate governmental unit, the permits, licenses, or authority necessary for the installation and operation of the System, this Agreement shall be void and neither Party hereto shall have rights, duties or privileges hereunder.

4.17 If Developer modifies the scope of work after this Agreement is executed, the Developer is responsible for all costs associated with the agreed-upon modification.

5.0 ABANDONMENT; ASSIGNMENT. Developer agrees that if Developer or Xcel Energy terminates Service, Xcel Energy has the right to abandon its System facilities in place. Developer will not assign this Agreement except upon written consent of Xcel Energy, which shall not be unreasonably withheld.

6.0 ENTIRE AGREEMENT. This Agreement, together with all documents referenced herein or attached hereto, constitutes the entire agreement between the Parties relating to the transaction described herein and supersedes any and all prior oral or written understandings. No addition to or modification of any provision hereof shall be binding unless (a) provided for in writing and signed by both Parties or (b) as provided in the General Rules and Regulations and/or in the Rate Schedules of Xcel Energy's Electric or Gas Rate Book for Customer's specific service, as they now exist or may hereafter be changed, on file with the state regulatory commission in the state where service is provided.~~.~~

7.0 GOVERNING LAW. This Agreement shall be interpreted and governed by the laws of the state in which the Development Property is located.

8.0 ADDITIONAL TERMS. Additional terms, if any, are included in Attachment A, which is incorporated herein by reference.

(Continued on Sheet No. 7-43)

Developer	**Northern States Power Company, a Minnesota ("Xcel Energy")**
(NAME)	(NAME)
(COMPANY)	(TITLE)
(ADDRESS)	414 Nicollet Mall (ADDRESS)
(CITY, STATE, ZIP CODE)	Minneapolis, MN 55401 (CITY, STATE, ZIP CODE) ~~Laura McCarten~~ ~~Regional Vice President~~ ~~414 Nicollet Mall~~ ~~Minneapolis, Minnesota 55401~~
SIGNATURE:	SIGNATURE:
PRINT FULL NAME:	PRINT FULL NAME: ~~Laura McCarten~~
DATE:	DATE:

Form 17-1905

DISTRIBUTION FACILITY CREDIT

Customer may also be eligible for a Distribution Facility Credit (DFC). Upon request, a list of substation areas or feeders that may be candidates for distribution credits, as determined through the Company's normal distribution planning process, shall be provided to the Customer. The terms and conditions of such credit shall be determined from a case-specific study of avoided distribution costs. Such study shall include review of both avoided distribution lines and avoided distribution transformers. ~~T~~ ~~T~~ ~~T~~

The value of the DFC shall be equal to the Company's avoided distribution costs resulting from the installation of the DG facility. The avoided distribution costs are based on Company's annual distribution capacity planning study that identifies capacity needs, any corresponding required upgrades and load growth on area distribution feeders. Upon receiving a DG application, and as part of the case specific study, the Company will perform an initial screen of the DG project to determine if the project is located on a distribution feeder that has potential for a DFC. The DG customer is responsible for the cost of such screening study. If the screening study shows that there exists potential for a DFC, the Company shall, at its own cost, pursue further study to determine the DFC, as part of an annual distribution capacity study. Once established by contract and accepted by Company and customer, DFC shall be fixed over the term of the contract. ~~T~~ ~~T~~ ~~T~~ ~~T~~

LINE LOSS CREDITS

If Customer requests the Company to provide a specific line loss study, Customer may be eligible for additional line loss credits if the study supports such credits. The Customer is responsible for the cost of the study, regardless of the study's outcome.

RENEWABLE ENERGY AND EM~~M~~ISSION CREDITS T

The definition of and the ownership rights to any and all renewable energy credits, emissions reduction credits, or allowances associated with the energy purchased by the Company from the DG customer will be specified by the terms and conditions of the PPA. ~~N~~ ~~N~~ ~~ND~~

(Continued on Sheet No. 10-76)

Summary List of 2022 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
Residential Service	5-1	A00, A01, A03	Rate changes.
Residential Time of Day Service	5-2	A02, A04	Rate changes.
Residential Time of Use Pilot Program Service	5-4.1	A72, A74	Rate changes.
Residential Electric Vehicle Service	5-5	A08	Rate changes.
Residential Electric Vehicle Pilot Service	5-7, 5-8.2	A81, A82, A83	Rate changes.
Energy Controlled Service (Non-Demand Metered)	5-9	A05	Rate changes.
Limited Off Peak Service	5-11	A06	Rate changes.
Limited Off Peak Service	5-12	A06	Rate change.
Automatic Protective Lighting Service	5-14	A07	Rate changes.
Small General Service	5-21	A09, A10, A11, A13	Rate changes.
Small General Time of Day Service	5-23, 5-24.1	A12, A16, A18, A22	Rate changes.
General Service	5-26	A14	Rate changes.
General Time of Day Service	5-29	A15, A17, A19	Rate changes.
Peak Controlled Service	5-40	A23	Rate changes.
Peak Controlled Time of Day Service	5-44, 5-45	A24	Rate changes.
Hiawatha Light Rail Line Tariff	5-71	A29	Rate changes.
Street Lighting System Service	5-74	A30	Rate changes.
Street Lighting Energy Service (Closed)	5-76	A32	Rate changes.
Street Lighting Energy Service – Metered	5-78	A34	Rate changes.
Street Lighting – City of St. Paul	5-80	A37	Rate changes.
Small Municipal Pumping Service	5-85	A40	Rate changes.

Summary List of 2022 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
Municipal Pumping Service	5-87	A41	Rate changes.
Fire and Civil Defense Siren Service	5-89	A42	Rate changes.
Standby Service Rider	5-101		Rate changes.
Supplemental Generation Service Rider	5-108		Rate changes.
Tier 1 Energy Controlled Service Rider	5-115	A27	Rate changes.
Photovoltaic Demand Credit Rider	5-125	A85, A86	Rate change.

Minnesota Electric Rate Book - MPUC No. 2
2022 Proposed Tariff Sheets

These sheets only contain rate changes proposed for year 2022

Sheet No. 5-1, revision 32
Sheet No. 5-2, revision 32
Sheet No. 5-4.1, revision 2
Sheet No. 5-5, revision 20
Sheet No. 5-7, revision 6
Sheet No. 5-8.2, revision 1
Sheet No. 5-9, revision 31
Sheet No. 5-11, revision 34
Sheet No. 5-12, revision 9
Sheet No. 5-14, revision 25
Sheet No. 5-21, revision 32
Sheet No. 5-23, revision 32
Sheet No. 5-24.1, revision 13
Sheet No. 5-26, revision 32
Sheet No. 5-29, revision 28
Sheet No. 5-40, revision 23
Sheet No. 5-44, revision 18
Sheet No. 5-45, revision 26
Sheet No. 5-71, revision 18
Sheet No. 5-74, revision 27
Sheet No. 5-76, revision 26
Sheet No. 5-78, revision 30
Sheet No. 5-80, revision 28
Sheet No. 5-85, revision 31
Sheet No. 5-87, revision 32
Sheet No. 5-89, revision 15
Sheet No. 5-101, revision 21
Sheet No. 5-108, revision 13
Sheet No. 5-115, revision 14
Sheet No. 5-125, revision 5

2022 Proposed Tariffs
Clean

RESIDENTIAL SERVICE Section No. 5
RATE CODE A00, A01, A03 32nd Revised Sheet No. 1

AVAILABILITY
Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Standard	Electric Space Heating	
Customer Charge per Month – Water Heating (A00)	$0.00	N/A	
– Overhead (A01)	$9.50	$11.50	R
– Underground (A03)	$11.50	$13.50	R
Energy Charge per kWh			
June - September	$0.13371	$0.13371	R
Other Months	$0.11643	$0.08481	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

(Continued on Sheet No. 5-1.1)

RESIDENTIAL TIME OF DAY SERVICE Section No. 5
RATE CODE A02, A04 32nd Revised Sheet No. 2

AVAILABILITY
Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Standard	Electric Space Heating	
Customer Charge per Month			
Overhead (A02)	$11.50	$13.50	R
Underground (A04)	$13.50	$15.50	R
On Peak Period Energy Charge per kWh			
June - September	$0.26159	$0.26159	R
Other Months	$0.21581	$0.13607	R
Off Peak Period Energy Charge per kWh			
June - September	$0.05618	$0.05618	R
Other Months	$0.05618	$0.05618	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-3)

RESIDENTIAL TIME OF USE PILOT PROGRAM Section No. 5
SERVICE 2nd Revised Sheet No. 4.1
RATE CODE A72, A74

PILOT PROGRAM DESIGN
This is an experimental rate design for the residential Time of Use Pilot Program to be applied for two years from the effective date of this rate schedule. Participating customers will have received Residential Service without electric space heating prior to the Pilot, and may elect a return to the Residential Service rate schedule following the Pilot.

AVAILABILITY
A maximum of 10,000 customers will be selected to receive service with this rate schedule. The Company will determine pilot participants that receive service through the Hiawatha West, Midtown, or Westgate substations. Pilot participants will not include customers that are on net metering service or have other interconnected distributed generation on their premise, or customers that also receive Energy Controlled (Non-Demand Metered) Service, Residential Electric Vehicle Service, Limited Off-Peak Service, or customers that are medical equipment-dependent. Pilot participants may elect to opt out of participation in this Pilot for a specific premise.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Bill Protection may also apply. Details regarding the specific charges applicable to this service and Bill Protection are listed below.

RATE

Customer Charge per Month		
Overhead (A72)	$9.50	R
Underground (A74)	$11.50	R
Energy Charge per kWh		
June – September		
On-Peak Period	$0.28067	R
Mid-Peak Period	$0.11619	R
Off-Peak Period	$0.04172	R
Other Months		
On-Peak Period	$0.25034	R
Mid-Peak Period	$0.10198	R
Off-Peak Period	$0.04172	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

(Continued on Sheet No. 5-4.2)

RESIDENTIAL ELECTRIC VEHICLE SERVICE Section No. 5
RATE CODE A08 20th Revised Sheet No. 5

AVAILABILITY
Available to residential customers for service only to electric vehicle loads including battery charging and accessory usage. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CHARACTER OF SERVICE
Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	$5.50	R
On-Peak Period Energy Charge per kWh		
June - September	$0.26159	R
Other Months	$0.21581	R
Off-Peak Period Energy Charge per kWh	$0.05618	R

<u>In addition, customer bills under this rate are subject to the following adjustments and/or charges.</u>

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-6)

RESIDENTIAL ELECTRIC VEHICLE PILOT SERVICE Section No. 5
RATE CODE A80, A81 6th Revised Sheet No. 7

AVAILABILITY
Available while this Pilot Service is in effect to Residential Service customers for service only to electric vehicle loads including battery charging and accessory usage. Bundled service includes Company installed and provided charging equipment. Pre-Pay Option service is available to customers electing to pay Company for the installed cost of charging equipment prior to beginning service with this tariff. Customers electing Pre-Pay Option service are separately invoiced at the time of installation. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CONTRACT
Customers must contract for this service through an Electric Vehicle Pilot Electric Service Agreement with the Company. The initial contract period will normally be for 24 months.

CHARACTER OF SERVICE
Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and /or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month		
Bundled (A80)	$17.47	
Pre-Pay Option (A81)	$7.10	
On-Peak Period Energy Charge per kWh		
June - September	$0.26159	R
Other Months	$0.21581	R
Off-Peak Period Energy Charge per kWh	$0.05618	R

PRE-PAY OPTION
The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

<u>In addition, customer bills under this rate are subject to the following adjustments and/or charges.</u>

(Continued on Sheet No. 5-8)

RESIDENTIAL ELECTRIC VEHICLE SUBSCRIPTION
PILOT SERVICE (Continued)
RATE CODE A82, A83

RATE
Customer Charge per Month

General System Energy	
Bundled (A82)	$43.63
Pre-Pay Option (A83)	$33.22
Renewable Energy (Windsource)	
Bundled (A82)	$46.15
Pre-Pay Option (A83)	$35.74

Excess On-Peak Period Energy Charge per kWh

June - September	$0.26159	R
Other Months	$0.21581	R

PRE-PAY OPTION
The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
The monthly customer charge includes preset fuel charges for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
The monthly customer charge includes a preset Resource Adjustment charge for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 5-8.3)

ENERGY CONTROLLED SERVICE Section No. 5
(NON-DEMAND METERED) 31st Revised Sheet No. 9
RATE CODE A05

AVAILABILITY
Available to residential and commercial customers with permanently connected interruptible loads of up to 50 kW that would be under Company control. The types of loads served would include dual fuel space heating, water heating, and other loads subject to Company approval.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Residential	Commercial & Industrial	
Customer Charge	$5.50	$5.50	R
Energy Charge per kWh	$0.06881	$0.06881	R
Optional			
June - September	$0.13371	$0.11487	R
Other Months	$0.06881	$0.06881	R

OPTIONAL ENERGY CHARGE
This option is available to customers with heat pump installations for non-interruptible service during June through September billing months.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-10)

LIMITED OFF PEAK SERVICE Section No. 5
RATE CODE A06 34th Revised Sheet No. 11

AVAILABILITY
Available to any customers for controlled loads that will be energized only for the time period between 10:00 p.m. to 6:30 a.m. daily.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Residential	Commercial & Industrial	
Customer Charge per Month			
Secondary Voltage			
Single Phase	$5.50	$11.00	R
Three Phase	--	$15.00	R
Primary Voltage	--	$60.00	
Transmission Transformed	--	$60.00	
Transmission	--	$60.00	
Energy Charge per kWh			
Secondary Voltage	$0.05103	$0.05103	R
Primary Voltage	--	$0.04974	R
Transmission Transformed	--	$0.04797	R
Transmission	--	$0.04786	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-11.1)

MONTHLY MINIMUM CHARGE
For all customers, the minimum charge shall be the applicable customer charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

TERMS AND CONDITIONS OF SERVICE

1. Limited Off Peak Service shall be separately served and metered and must at no time be connected to facilities serving customer's other loads.

2. Company will not be liable for any loss or damage caused by or resulting from any interruption of service.

3. Customer selecting Limited Off Peak Service must remain on this service for a minimum term of one year, unless customer transfers to another interruptible service rate.

4. Customer has the option of directly controlling own load or allowing Company load control. If customer chooses Company load control, customer must:
   a. Provide a load-break switch or circuit breaker equipped with electronic trip and close circuits allowing for remote operation of customer's switch or circuit breaker by Company,
   b. Wire the trip and close circuits into a connection point designated by Company to allow installation of remote control equipment by Company, and
   c. Provide a continuous 120 volt AC power source at the connection point for operation of Company's remote control equipment.

5. A charge of $0.434 per kWh shall be applied to non-authorized energy used outside of the energized time period specified in this tariff. If this energy use occurs during three or more billing months, the Company reserves the right to remove customer from Limited Off Peak Service. R

6. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditures for facilities necessary to serve this load which would not otherwise be required to serve customer's load.

AUTOMATIC PROTECTIVE LIGHTING SERVICE Section No. 5
RATE CODE A07 25th Revised Sheet No. 14

AVAILABILITY
Available to all types of customers except for municipal street lighting purposes.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp (Lumens)	Monthly Rate Per Unit	
Area Units		
100W High Pressure Sodium	$9.71	R
175W Mercury (1)	$9.71	R
250W High Pressure Sodium	$15.76	R
400W Mercury (1)	$15.76	R
30-45W Light Emitting Diode (4,000)	$9.37	R
110-165W Light Emitting Diode (14,000)	$14.75	R
Directional Units		
250W High Pressure Sodium	$18.06	R
400W High Pressure Sodium	$22.78	R
1,000W Mercury (1)	$29.06	R

(1) Available to existing installations only.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

SERVICE INCLUDED IN RATE
Company shall own, operate, and maintain the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets, and all necessary wiring. Company shall furnish all electric energy required for operation of the unit.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

(Continued on Sheet No. 5-15)

AVAILABILITY
Standard service (i.e., alternating current) is available to any non-residential customer for single or three phase electric service. Direct Current service is only available in Minneapolis and St. Paul to the extent now used.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Unmetered (A09)	$9.50	R
– Metered (A10)	$11.50	R
– Water Heating (A11)	$0.00	
– Direct Current (A13)	$11.50	R
Energy Charge per kWh		
June - September	$0.11487	R
Other Months	$0.09759	R
Demand Charge (Direct Current Only) per Month per kW of Connected Load	$4.00	R

<u>In addition, customer bills under this rate are subject to the following adjustments and/or charges.</u>

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-22)

SMALL GENERAL TIME OF DAY SERVICE Section No. 5
RATE CODE A12, A16, A18, A22 32nd Revised Sheet No. 23

AVAILABILITY
Available to any non-residential customer for single or three phase electric service supplied through one meter.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Time Of Day Metered (A12)	$13.50	R
– kWh Metered (A16)	$11.50	R
– Unmetered (A18)	$9.50	R
– Low Wattage (A22)	(Please see page 5-24.1)	

Energy Charge per kWh	Oct-May	Jun-Sep	
On Peak Period (A12)	$0.14484	$0.18187	R
Off Peak Period (A12)	$0.05618	$0.05618	R
Constant Hourly (A16, A18, A22) (= 35% On, 65% Off)	$0.08721	$0.10017	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

(Continued on Sheet No. 5-24)

TERMS AND CONDITIONS OF SERVICE (Continued)

demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small General Time of Day Service schedule.

3. Optional Metering Service: Optional metering is available subject to the provisions in the General Rules and Regulations, Section 1.5, for the following applications:

   a. Kilowatt-hour Metered Service: For applications where a non-time of day meter is used, the time of day metering charge will be waived and the applicable lower monthly Customer Charge shall apply.

   b. Unmetered Service: For applications where no metering is installed, the applicable lower monthly Customer Charge shall apply. If requested by Company, the customer agrees to receive one or more combined bills for all their unmetered service locations. For purposes of applying the appropriate customer service charge, one customer service charge shall be applied for every point of delivery. A point of delivery shall be any location where a meter would otherwise be required under this schedule.

   c. Low Wattage Unmetered Service: For applications where customer owns and operates multiple electronic devices in at least 500 locations within Company's Minnesota electric service area. Such electronic devices are: 1) individually located at each point of delivery, 2) rated at less than 400 Watts, and 3) operated with a continuous and constant load level year round. Each individual electronic device must not in any way interfere with Company operations and service to adjacent customers. This optional metering service is not applicable to electric service for traffic signals, civil defense, or lighting. Company reserves the right to evaluate customer requests for this optional metering service to determine eligibility.

      The monthly fixed charge under this optional metering service shall be $0.34 per device for devices with a rating of 100 Watts or less. For devices with a rating over 100 Watts but less than 400 Watts, the monthly fixed charge shall be $1.34 per device. R R

      In place of metered usage for each device, customer will be billed for the predetermined energy usage in kWh per device. The energy charge shall equal the sum of the predetermined energy usage for customer's low wattage devices in service for the billing month multiplied by the Constant Hourly Energy Charge applicable for the billing month.

      Customer shall contract for this optional metering service through an electric service agreement with Company.

AVAILABILITY
Available to any non-residential customer for general service where customer is not required to be on a time-of-day rate schedule. Once the customer's 15-minute measured demands are equal to or greater than 1,000 kW for at least 4 of the past 12 consecutive months, the customer will be transferred to the General Time of Day service.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	$26.00		R
Service at Secondary Voltage	Oct-May	Jun-Sep	R
Demand Charge per Month per kW	$13.27	$17.88	
Energy Charge per kWh	$0.04807		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	$0.01806		R

	January – December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.70	$0.00129	R
Transmission Transformed Voltage	$1.90	$0.00306	R
Transmission Voltage	$2.70	$0.00317	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-27)

AVAILABILITY-MANDATORY

Effective November 1, 2007, this rate schedule is mandatory for any non-residential customer for general service having a 15-minute measured demand equal to or greater than 1,000 kW for at least 4 of the past 12 consecutive months. Customer will remain on this rate schedule on a mandatory basis unless their demand remains below 1,000 kW for 12 consecutive months.

AVAILABILITY-OPTIONAL

This rate schedule is optional for any non-residential customer for general service where customer is not required to be on a time-of-day rate.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Time Of Day Metered (A15)	$30.00		R
-- kWh Metered (A17)	$26.00		R
-- Unmetered (A19)	$22.00		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW			
On Peak Period Demand	$13.27	$17.88	R
Off Peak Period Demand in Excess of On Peak Period Demand	$2.70	$2.70	R
Energy Charge per kWh			
On Peak Period Energy	$0.06930		R
Off Peak Period Energy	$0.03269		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the On Peak Period Billing Demand, Not to Exceed 50% of Total kWh	$0.01806		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.70	$0.00129	R
Transmission Transformed Voltage	$1.90	$0.00306	R
Transmission Voltage	$2.70	$0.00317	R

(Continued on Sheet No. 5-30)

PEAK CONTROLLED SERVICE Section No. 5
RATE CODE A23 23rd Revised Sheet No. 40

AVAILABILITY

Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company and where customer is not required to be on a time-of-day rate schedule. Once the customer's total 15-minute measured demands (Firm plus Controllable) are equal to or greater than 1000 kW for at least 4 of the past 12 consecutive months, the customer will be transferred to the Peak Controlled Time of Day service. Availability is restricted to customers with a minimum Controllable demand of 50 kW.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month		$60.00	R
Service at Secondary Voltage			
Energy Charge per kWh		$0.04807	R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours		$0.01806	R
Times the Sum of All Billing Demands			
Demand Charge per Month per kW	Tier 1	Tier 2	
Firm Demand			
June - September	$17.88	$17.88	R
Other Months	$13.27	$13.27	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	$11.68	R
Level B: ≥ 65% and < 85% PF	$9.81	$10.55	R
Level C: ≥ 85% PF	$9.19	$10.01	R
Short Notice Rider	$8.69	Not Available	R

	January – December		
Voltage Discounts per Month	Per Kw	Per kWh	
Primary Voltage	$0.70	$0.00129	R
Transmission Transformed Voltage	$1.90	$0.00306	R
Transmission Voltage	$2.70	$0.00317	R

(Continued on Sheet No. 5-41)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
RATE CODE A24 18th Revised Sheet No. 44

AVAILABILITY
Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company. Availability is restricted to customers with a minimum controllable demand of 50 kW.

AVAILABILITY-MANDATORY
Effective November 1, 2007, this rate schedule is mandatory for any Peak Controlled customer having a 15-minute measured demand equal to or greater than 1000 kW for at least 4 of the past 12 consecutive months. Customer will remain on this rate schedule on a mandatory basis unless their demand remains below 1000 kW for 12 consecutive months.

AVAILABILITY-OPTIONAL
This rate schedule is optional for any non-residential customer for general service where customer is not required to be on a time-of-day rate.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	$60.00	R
Service at Secondary Voltage		
Energy Charge per kWh		
On Peak Period Energy	$0.06930	R
Off Peak Period Energy	$0.03269	R
Energy Charge Credit per Month per kWh		
All kWh in Excess of 400 Hours Times the Sum of All On Peak Period Billing Demands, Not to Exceed 50% of Total kWh	$0.01806	R

(Continued on Sheet No. 5-45)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
(Continued) 26th Revised Sheet No. 45
RATE CODE A24

RATE (Continued)

Demand Charge per Month per kW	Tier 1	Tier 2	
On Peak Period Demand			
Firm Demand			
June - September	$17.88	$17.88	R
Other Months	$13.27	$13.27	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	$11.68	R
Level B: ≥ 65% and < 85% PF	$9.81	$10.55	R
Level C: ≥ 85% PF	$9.19	$10.01	R
Short Notice Rider	$8.69	Not Available	R
Off Peak Period Demand in Excess of On Peak Period Demand (Jan-Dec)	$2.70	$2.70	R

	January – December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.70	$0.00129	R
Transmission Transformed Voltage	$1.90	$0.00306	R
Transmission Voltage	$2.70	$0.00317	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 5-46)

LIGHT RAIL LINE TARIFF
RATE CODE A29

AVAILABILITY
Available to the Metropolitan Council's light rail transit lines for all electric power and energy required by its Traction Station service locations. Traction Stations will be aggregated as lines as they are put into service. Traction Stations common to more than one line will be aggregated with the line with which they were originally put into service.

RATE

Customer Charge per Month per Traction Station		$100.00	
Transmission and Distribution Demand Charge per Month per kW			
All Traction Station On Peak Non-Coincident Billing Demands		$7.42	R
Off Peak Period Non-Coincident Demand in Excess of On Peak Period Non-Coincident Demand		$2.00	R
Generation Demand Charge per Month per kW	Oct-May	Jun-Sep	
Rail Line On Peak Coincident Billing Demand	$5.15	$9.76	R
Energy Charge per kWh			
On Peak Period Energy		$0.06801	R
Off Peak Period Energy		$0.03140	R
Energy Charge Credit per Month per kWh			
All Energy in Excess of 400 Hours Times the On Peak Period Coincident Billing Demand, Not to Exceed 50% of the Energy		$0.01550	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 5-72)

STREET LIGHTING SYSTEM SERVICE Section No. 5
RATE CODE A30 27th Revised Sheet No. 74

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by High Pressure Sodium (HPS), Metal Halide or Light Emitting Diode (LED) luminaires supported on poles, where the facilities for this service are furnished by Company. Underground Service under this schedule is limited to areas having a Company owned underground electric distribution system. Standard Service includes a monthly payment for the lighting system cost. Pre-Pay Option requires customer payment for the lighting system cost before establishing service.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Monthly Rate Per Luminaire				
	Standard Service			Pre-Pay	
Designation of Lamp (Lumens)	Overhead	Underground	Decorative	Option	
70W High Pressure Sodium	$12.55	$24.24	--	$7.28	R
100W High Pressure Sodium	$13.23	$24.91	$38.61	$8.07	
150W High Pressure Sodium	$14.32	$26.02	$40.00	$9.13	
200W High Pressure Sodium*	$16.45	--	--	--	
250W High Pressure Sodium	$17.72	$29.12	$42.75	$11.71	
400W High Pressure Sodium	$21.62	$32.79	$46.28	$15.13	
175W Metal Halide	$18.17	$33.38	$16.08	$16.08	
30-40W Light Emitting Diode (*4,000*)	$12.80	$24.49	--	$6.16	
50-75W Light Emitting Diode (*6,000*)	$13.59	$25.27	--	$6.80	
110-165W Light Emitting Diode (*14,000*)	$17.23	$28.62	--	$8.64	
200-250W Light Emitting Diode (*25,000*)	$21.07	$32.25	--	$10.72	R

*Closed to new customers

(Continued on Sheet No 5-74.1)

STREET LIGHTING ENERGY SERVICE (CLOSED) Section No. 5
RATE CODE A32 26th Revised Sheet No. 76

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns a Company approved ornamental street lighting system complete with standards, luminaires with globes, lamps, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's facilities as designated by Company. Service is limited to existing lighting systems being served under this schedule.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp (Lumens)	Monthly Rate per Luminaire	
100W Mercury	$3.09	R
175W Mercury	$4.61	
250W Mercury	$6.25	
400W Mercury	$9.76	
700W Mercury	$16.24	
1,000W Mercury	$22.60	
50W High Pressure Sodium	$1.71	
70W High Pressure Sodium	$2.17	
100W High Pressure Sodium	$2.89	
150W High Pressure Sodium	$3.97	
200W High Pressure Sodium	$5.29	
250W High Pressure Sodium	$6.69	
400W High Pressure Sodium	$10.19	
750W High Pressure Sodium	$17.52	R
F72HO Fluorescent	$3.93	R
<30W Light Emitting Diode (2,500)	$1.12	R
30-45W Light Emitting Diode (4,000)	$1.41	R
50-75W Light Emitting Diode (6,000)	$1.96	R
110-165W Light Emitting Diode (14,000)	$3.66	R
200-250W Light Emitting Diode (25,000)	$5.47	R

(Continued on Sheet No. 5-77)

STREET LIGHTING ENERGY SERVICE - METERED Section No. 5
RATE CODE A34 30th Revised Sheet No. 78

AVAILABILITY
Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns and maintains an ornamental street lighting system complete with standards, luminaires with globes, lamps, photocells, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's meter as designated by Company.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Meter per Month	$5.50	R
Energy Charge per kWh	$0.05772	R

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 78.1)

STREET LIGHTING SERVICE - CITY OF ST. PAUL Section No. 5
(CLOSED) 28th Revised Sheet No. 80
RATE CODE A37

AVAILABILITY
Available to the City of St. Paul for furnishing, maintaining, and operating certain electrical connections, lines, and appurtenances thereto, and supplying electric current for city street lighting.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp	Monthly Rate per Luminaire	
100W High Pressure Sodium	$6.52	R
150W High Pressure Sodium	$7.36	R
250W High Pressure Sodium	$9.94	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 5-81)

SMALL MUNICIPAL PUMPING SERVICE Section No. 5
RATE CODE A40 31st Revised Sheet No. 85

AVAILABILITY
Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants. (Rate schedule is applied separately to each delivery point.)

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Oct-May	Jun-Sep	
Customer Charge per Month	$11.50	$11.50	R
Energy Charge per kWh	$0.09759	$0.11487	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

(Continued on Sheet No. 5-86)

MUNICIPAL PUMPING SERVICE Section No. 5
RATE CODE A41 32nd Revised Sheet No. 87

AVAILABILITY
Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants. (Rate schedule is applied separately to each delivery point.)

RATE

Customer Charge per Month	$26.00		R
	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW	$13.27	$17.88	R
Energy Charge per kWh	$0.04807		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	$0.01806		R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.70	$0.00129	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-88)

FIRE AND CIVIL DEFENSE SIREN SERVICE Section No. 5
RATE CODE A42 15th Revised Sheet No. 89

AVAILABILITY
Available for power service for the operation of municipal fire and civil defense warning sirens having a rated capacity not in excess of 25 horsepower.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE
Per Month per Horsepower of Connected Capacity $0.81 R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

MONTHLY MINIMUM CHARGE
Net per Month $3.88 R

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

CONNECTION
Under the above rate, the Company will make no extension for service other than a normal service span. Where conditions are such that a long service connection or extra transformer capacity, or both, are necessary, the customer shall either pay the entire cost of such extra equipment or pay a monthly facilities charge based on such costs.

The circuit serving the siren must be in conduit from the entrance to the motor with an enclosed entrance switch box, which may be sealed and operated from an external appliance.

OPTIONAL
In case the customer already has a service connection of sufficient capacity to permit operation of the siren without unduly disturbing conditions on the Company's nearby circuits, the siren may be connected at the option of the customer on the load side of the customer's existing meter and the commercial rate applied to the total load.

STANDBY SERVICE RIDER

AVAILABILITY

Applicable to customers that use a customer-sited generation source with a capacity greater than 100 kW to serve a defined portion of the customer's total electric energy requirements and where customer chooses to use the Company's electric service to serve that defined load when the customer-sited generation is either partly or wholly unavailable. Customer must select one of the following services types: Firm Unscheduled Maintenance, Firm Scheduled Maintenance, or Non-Firm service. This Rider is not available to solar photovoltaic generation systems and is closed to new wind generation systems.

Under this tariff the Company will provide Standby Service in accordance with the provisions of this tariff as well as those of Section 2.4 of the General Rules and Regulations.

RATE

	Firm Standby		Non-Firm	
	Unscheduled Maintenance	Scheduled Maintenance	Standby	
Customer Charge per Month	$26.00	$26.00	$26.00	R
Reservation Demand Charge per Month per kW of Contracted Standby Capacity				
Secondary Voltage Service	$3.60	$3.50	$2.70	R
Primary Voltage Service	$2.90	$2.80	$2.00	R
Transmission Transformed Voltage Service	$1.70	$1.60	$0.80	R
Transmission Voltage Service	$0.90	$0.80	$0.00	R
Peak Period Standby Energy Surcharge per kWh				
June – September		$0.07702		R
Other Months		$0.05363		R

Energy Charge per kWh. All energy used under this Rider will be charged at the applicable energy rate of the base tariff to which this Rider is attached and is not applicable to the base tariff Energy Charge Credit.

STANDBY ENERGY USAGE

Standby energy usage occurs when the customer-sited generation source output in kW is less than contracted standby kW capacity. Standby energy usage in kWh is measured in 15-minute intervals and is defined as the kWh energy associated with constant operation of customer-sited generation at the contract standby kW capacity level less actual energy production of customer-sited generation, but not less than zero kWh for each 15-minute interval. Actual energy production of customer-sited generation will be measured by Company-owned and installed production metering equipment.

(Continued on Sheet No. 5-101.1)

AVAILABILITY

Applicability of Supplemental Service is similar to that of Standby Service Rider, where customers with an alternative generation source greater than 60 kW, which serves all or a portion of the customer's electric energy requirements and where customer chooses to use the Company's electric service when the alternative generation is either partly or wholly unavailable.

Specifically, Supplemental Service is targeted at applications where the output of the alternative generation is designed primarily to meet the customer's thermal-load requirements and as such, the generator's electric energy output is variable because it is dependent on the customer's thermal requirements.

The normal expectation of this Rider is that the customer will contract for a firm portion of their backup supply from the Company under the Standby Service Rider and will contract for the variable portion under this Supplemental Generation Service Rider. Each customer request for service under this Rider will be evaluated on a customer specific basis to determine eligibility.

Under this service, the Company will provide Supplemental Generation Service in accordance with the provisions of the General Rules and Regulations, Section 2.4.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RESERVATION RATES

Customer Charge per Month	$26.00	R
Demand Charge per Month per kW of Contracted Supplemental Service		
Secondary Voltage Service	$4.05	R
Primary Voltage Service	$3.35	R
Transmission Transformed Voltage Service	$2.15	R
Transmission Voltage Service	$1.35	R

USAGE RATES

Demand Charge per Month per kW of Supplemental Generation Capacity Used. There will be no Usage Rate demand charge for Supplemental capacity actually used under this Rider except if that capacity is used during one of the Company's energy controlled or peak controlled interrupt periods. In such case, the demand will be charged as described below.

Energy Charge per kWh of Supplemental Generation Energy Used. Energy actually used under this Rider during normal time periods will be charged at the same energy and fuel cost charges as contained in the base tariff to which this Rider is attached. However, if energy is used during one of the Company's energy controlled or peak controlled interrupt periods, the energy will be charged as described below.

(Continued on Sheet No. 5-109)

TIER 1 ENERGY CONTROLLED SERVICE RIDER Section No. 5
RATE CODE A27 14th Revised Sheet No. 115

AVAILABILITY
Availability is restricted to customers who are taking service on the Tier 1 option of the Peak Controlled Time of Day Service.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RATE
The rates and provisions of Tier 1 of the Peak Controlled Time of Day Service schedule shall apply except that the on peak and off peak energy charges for secondary voltage are replaced as follows:

Energy Charge per kWh

Firm On Peak Period Energy	$0.06930	R
Firm Off Peak Period Energy	$0.03269	R
Controllable On Peak Period Energy	$0.06705	R
Controllable Off Peak Period Energy	$0.03232	R
Control Period Energy	$0.09000	

TERMS AND CONDITIONS OF SERVICE

1. Failure to Control Charge: Except as provided for under Control Period Energy Service described below, the following charges will apply in any month customer fails to control load to Predetermined Demand Level or fails to control the full amount of their fixed Controllable Demand under the Optional PDL:
   a. An additional charge of $10.00 per kW will apply during each Company specified control period to the amount by which customer's Maximum Adjusted Demand exceeds their Predetermined Demand Level, and
   b. The Control Period Energy charge will apply to the energy used during the control period that is associated with the customer's Controllable Demand.

   After three such customer failures to control load to their Predetermined Demand Level, Company reserves the right to increase the Predetermined Demand Level or remove customer from Tier 1 Energy Controlled Service Rider and apply the cancellation charge specified in customer's Electric Service Agreement.

(Continued on Sheet No. 5-116)

PHOTOVOLTAIC DEMAND CREDIT RIDER
RATE CODE A85 (CLOSED)
RATE CODE A86

AVAILABILITY – GENERAL
Applicable by customer request to demand-metered commercial and industrial customers that use Solar Photovoltaic as a customer-sited generation source with a capacity greater than 40 kW (AC) with a single production meter to serve all or a portion of customer's electric energy requirements. Not available to customer-sited generation that is the subject of another incentive program such as Solar*Rewards.

AVAILABILITY – CLOSED RATE
Availability of the closed rate is limited to qualifying customer account locations that: 1) were receiving Standby Service Rider tariff service with the Photovoltaic Solar Credit on the date this Rider was originally approved by the Commission, or 2) have enrolled by submitting to the Company a complete interconnection application for a planned qualifying generation source before February 14, 2020. The closed rate will expire April 20, 2027. After expiration of the closed rate, the applicable standard rate will replace the closed rate.

The standard rate will apply to customer account locations that do not qualify for the closed rate. The standard rate may be revised at any time subject to approval by the Commission.

RATE R
Customer Charge per Month $26.00

Credit per kWh of Peak Period Solar Photovoltaic Generation (A85 - Closed)	$0.071390	T
Credit per kWh of Peak Period Solar Photovoltaic Generation (A86 - Standard)	$0.069648	R

CREDIT KWH LIMIT
The maximum kWh applied to the Rider credit per kWh each billing period is the Peak Period maximum 15-minute Solar Photovoltaic kW output for the billing period times 100 hours for billing periods ending in the months of June, July, August or September and 75 hours for billing periods ending in other months.

CREDIT LIMIT
The maximum credit for each billing period is the applicable standard or on-peak billed demand charge from the base tariff associated with this Rider. For Peak-Controlled Service and Peak-Controlled Time of Day Service customers, the maximum credit for each billing period is the billed demand charge for Firm Demand.

DEFINITION OF PEAK PERIOD
Peak period hours are the six hours between 1:00 p.m. and 7 p.m. for all days.

TERMS AND CONDITIONS OF SERVICE
1. Customer will execute an Electric Service Agreement with the Company that will specify:
   a) The base tariff associated with this Rider, and
   b) The installed capacity (AC) of customer's Solar Photovoltaic generation.
2. Company will install, own, and maintain the metering to measure the electric power and energy supplied by customer generation to allow for proper billing of the customer under this Rider. If, as a result of the customer's construction and installation of their generating facility, it is more practical for the customer to install some or all of the metering equipment required, the customer may be permitted to do so, subject to Company's approval of such equipment.
3. Company reserves the right to limit availability of this Rider to customer situations where the Solar Photovoltaic generation used by customer does not significantly affect the monthly peak demand of customer.
4. For Solar Photovoltaic generation, this Rider supersedes other Standby Service tariff provisions.

2022 Proposed Tariffs
Redline

RESIDENTIAL SERVICE Section No. 5
RATE CODE A00, A01, A03 ~~31st~~32nd Revised Sheet No. 1

AVAILABILITY
Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Standard	Electric Space Heating	
Customer Charge per Month – Water Heating (A00)	$0.00	N/A	
– Overhead (A01)	~~$8.00~~$9.50	~~$10.00~~$11.50	R
– Underground (A03)	~~$10.00~~$11.50	~~$12.00~~$13.50	R
Energy Charge per kWh			
June - September	~~$0.10301~~$0.13371	~~$0.10301~~$0.13371	R
Other Months	~~$0.08803~~$0.11643	~~$0.05988~~$0.08481	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

(Continued on Sheet No. 5-1.1)

RESIDENTIAL TIME OF DAY SERVICE Section No. 5
RATE CODE A02, A04 ~~31st~~32nd Revised Sheet No. 2

AVAILABILITY
Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Standard	Electric Space Heating	
Customer Charge per Month			
Overhead (A02)	~~$10.00~~$11.50	~~$12.00~~$13.50	R
Underground (A04)	~~$12.00~~$13.50	~~$14.00~~$15.50	R
On Peak Period Energy Charge per kWh			
June - September	~~$0.20497~~$0.26159	~~$0.20497~~$0.26159	R
Other Months	~~$0.16508~~$0.21581	~~$0.09284~~$0.13607	R
Off Peak Period Energy Charge per kWh			
June - September	~~$0.04170~~$0.05618	~~$0.04170~~$0.05618	R
Other Months	~~$0.04170~~$0.05618	~~$0.04170~~$0.05618	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-3)

RESIDENTIAL TIME OF USE PILOT PROGRAM Section No. 5
SERVICE ~~1st~~2nd Revised Sheet No. 4.1
RATE CODE A72, A74

PILOT PROGRAM DESIGN
This is an experimental rate design for the residential Time of Use Pilot Program to be applied for two years from the effective date of this rate schedule. Participating customers will have received Residential Service without electric space heating prior to the Pilot, and may elect a return to the Residential Service rate schedule following the Pilot.

AVAILABILITY
A maximum of 10,000 customers will be selected to receive service with this rate schedule. The Company will determine pilot participants that receive service through the Hiawatha West, Midtown, or Westgate substations. Pilot participants will not include customers that are on net metering service or have other interconnected distributed generation on their premise, or customers that also receive Energy Controlled (Non-Demand Metered) Service, Residential Electric Vehicle Service, Limited Off-Peak Service, or customers that are medical equipment-dependent. Pilot participants may elect to opt out of participation in this Pilot for a specific premise.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Bill Protection may also apply. Details regarding the specific charges applicable to this service and Bill Protection are listed below.

RATE

Customer Charge per Month		
Overhead (A72)	~~$8.00~~$9.50	R
Underground (A74)	~~$10.00~~$11.50	R
Energy Charge per kWh		
June – September		
On-Peak Period	~~$0.22576~~$0.28067	R
Mid-Peak Period	~~$0.09013~~$0.11619	R
Off-Peak Period	~~$0.02784~~$0.04172	R
Other Months		
On-Peak Period	~~$0.19266~~$0.25034	R
Mid-Peak Period	~~$0.07515~~$0.10198	R
Off-Peak Period	~~$0.02784~~$0.04172	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

(Continued on Sheet No. 5-4.2)

RESIDENTIAL ELECTRIC VEHICLE SERVICE Section No. 5
RATE CODE A08 ~~19th~~20th Revised Sheet No. 5

AVAILABILITY
Available to residential customers for service only to electric vehicle loads including battery charging and accessory usage. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CHARACTER OF SERVICE
Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$4.95~~$5.50	R
On-Peak Period Energy Charge per kWh		
June - September	~~$0.20497~~$0.26159	R
Other Months	~~$0.16508~~$0.21581	R
Off-Peak Period Energy Charge per kWh	~~$0.04170~~$0.05618	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-6)

AVAILABILITY
Available while this Pilot Service is in effect to Residential Service customers for service only to electric vehicle loads including battery charging and accessory usage. Bundled service includes Company installed and provided charging equipment. Pre-Pay Option service is available to customers electing to pay Company for the installed cost of charging equipment prior to beginning service with this tariff. Customers electing Pre-Pay Option service are separately invoiced at the time of installation. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CONTRACT
Customers must contract for this service through an Electric Vehicle Pilot Electric Service Agreement with the Company. The initial contract period will normally be for 24 months.

CHARACTER OF SERVICE
Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and /or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month		
Bundled (A80)	$17.47	
Pre-Pay Option (A81)	$7.10	
On-Peak Period Energy Charge per kWh		
June - September	~~$0.20497~~$0.26159	R
Other Months	~~$0.16508~~$0.21581	R
Off-Peak Period Energy Charge per kWh	~~$0.04170~~$0.05618	R

PRE-PAY OPTION
The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

(Continued on Sheet No. 5-8)

RESIDENTIAL ELECTRIC VEHICLE SUBSCRIPTION Section No. 5
PILOT SERVICE (Continued) ~~Original~~1st Sheet No. 8.2
RATE CODE A82, A83

RATE ~~N~~
Customer Charge per Month

General System Energy	
Bundled (A82)	$43.63
Pre-Pay Option (A83)	$33.22
Renewable Energy (Windsource)	
Bundled (A82)	$46.15
Pre-Pay Option (A83)	$35.74

Excess On-Peak Period Energy Charge per kWh

June - September	~~$0.20497~~$0.26159	R
Other Months	~~$0.16508~~$0.21581	R

PRE-PAY OPTION
The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
The monthly customer charge includes preset fuel charges for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
The monthly customer charge includes a preset Resource Adjustment charge for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5. ~~N~~

(Continued on Sheet No. 5-8.3)

ENERGY CONTROLLED SERVICE
(NON-DEMAND METERED)
RATE CODE A05

Section No. 5
~~30th~~31st Revised Sheet No. 9

AVAILABILITY
Available to residential and commercial customers with permanently connected interruptible loads of up to 50 kW that would be under Company control. The types of loads served would include dual fuel space heating, water heating, and other loads subject to Company approval.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Residential	Commercial & Industrial	
Customer Charge	~~$4.95~~$5.50	~~$4.95~~$5.50	R
Energy Charge per kWh	~~$0.04487~~$0.06881	~~$0.04487~~$0.06881	R
Optional			
June - September	~~$0.10301~~$0.13371	~~$0.09256~~$0.11487	R
Other Months	~~$0.04487~~$0.06881	~~$0.04487~~$0.06881	R

OPTIONAL ENERGY CHARGE
This option is available to customers with heat pump installations for non-interruptible service during June through September billing months.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-10)

LIMITED OFF PEAK SERVICE Section No. 5
RATE CODE A06 ~~33rd~~34th Revised Sheet No. 11

AVAILABILITY
Available to any customers for controlled loads that will be energized only for the time period between 10:00 p.m. to 6:30 a.m. daily.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Residential	Commercial & Industrial	
Customer Charge per Month			
Secondary Voltage			
Single Phase	~~$4.95~~$5.50	~~$10.00~~$11.00	R
Three Phase	--	~~$13.60~~$15.00	R
Primary Voltage	--	$60.00	
Transmission Transformed	--	$60.00	
Transmission	--	$60.00	
Energy Charge per kWh			
Secondary Voltage	~~$0.03665~~$0.05103	~~$0.03665~~$0.05103	R
Primary Voltage	--	~~$0.03560~~$0.04974	R
Transmission Transformed	--	~~$0.03398~~$0.04797	R
Transmission	--	~~$0.03388~~$0.04786	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-11.1)

MONTHLY MINIMUM CHARGE
For all customers, the minimum charge shall be the applicable customer charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

TERMS AND CONDITIONS OF SERVICE

1. Limited Off Peak Service shall be separately served and metered and must at no time be connected to facilities serving customer's other loads.

2. Company will not be liable for any loss or damage caused by or resulting from any interruption of service.

3. Customer selecting Limited Off Peak Service must remain on this service for a minimum term of one year, unless customer transfers to another interruptible service rate.

4. Customer has the option of directly controlling own load or allowing Company load control. If customer chooses Company load control, customer must:
   a. Provide a load-break switch or circuit breaker equipped with electronic trip and close circuits allowing for remote operation of customer's switch or circuit breaker by Company,
   b. Wire the trip and close circuits into a connection point designated by Company to allow installation of remote control equipment by Company, and
   c. Provide a continuous 120 volt AC power source at the connection point for operation of Company's remote control equipment.

5. A charge of ~~$0.360~~$0.434 per kWh shall be applied to non-authorized energy used outside of the energized time period specified in this tariff. If this energy use occurs during three or more billing months, the Company reserves the right to remove customer from Limited Off Peak Service. R

6. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditures for facilities necessary to serve this load which would not otherwise be required to serve customer's load.

AUTOMATIC PROTECTIVE LIGHTING SERVICE Section No. 5
RATE CODE A07 ~~24th~~25th Revised Sheet No. 14

AVAILABILITY
Available to all types of customers except for municipal street lighting purposes.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp (Lumens)	Monthly Rate Per Unit	~~N~~
Area Units		
100W High Pressure Sodium	~~$7.41~~$9.71	R
175W Mercury (1)	~~$7.41~~$9.71	R
250W High Pressure Sodium	~~$11.83~~$15.76	R
400W Mercury (1)	~~$11.83~~$15.76	R
30-45W Light Emitting Diode (4,000)	~~$7.28~~$9.37	~~N~~R
110-165W Light Emitting Diode (14,000)	~~$11.33~~$14.75	~~N~~R
Directional Units		
250W High Pressure Sodium	~~$14.08~~$18.06	R
400W High Pressure Sodium	~~$17.62~~$22.78	R
1,000W Mercury (1)	~~$27.33~~$29.06	R

(1) Available to existing installations only.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

SERVICE INCLUDED IN RATE
Company shall own, operate, and maintain the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets, and all necessary wiring. Company shall furnish all electric energy required for operation of the unit.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

(Continued on Sheet No. 5-15)

AVAILABILITY
Standard service (i.e., alternating current) is available to any non-residential customer for single or three phase electric service. Direct Current service is only available in Minneapolis and St. Paul to the extent now used.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Unmetered (A09)	~~$8.00~~$9.50	R
– Metered (A10)	~~$10.00~~$11.50	R
– Water Heating (A11)	$0.00	
– Direct Current (A13)	~~$10.00~~$11.50	R
Energy Charge per kWh		
June - September	~~$0.09256~~$0.11487	R
Other Months	~~$0.07757~~$0.09759	R
Demand Charge (Direct Current Only) per Month per kW of Connected Load	~~$3.61~~$4.00	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-22)

SMALL GENERAL TIME OF DAY SERVICE Section No. 5
RATE CODE A12, A16, A18, A22 ~~31st~~32nd Revised Sheet No. 23

AVAILABILITY
Available to any non-residential customer for single or three phase electric service supplied through one meter.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Time Of Day Metered (A12)	~~$12.00~~$13.50	R
– kWh Metered (A16)	~~$10.00~~$11.50	R
– Unmetered (A18)	~~$8.00~~$9.50	R
– Low Wattage (A22)	(Please see page 5-24.1)	

Energy Charge per kWh	Oct-May	Jun-Sep	
On Peak Period (A12)	~~$0.11723~~$0.14484	~~$0.14880~~$0.18187	R
Off Peak Period (A12)	~~$0.04170~~$0.05618	~~$0.04170~~$0.05618	R
Constant Hourly (A16, A18, A22) (= 35% On, 65% Off)	~~$0.06814~~$0.08721	~~$0.07919~~$0.10017	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

(Continued on Sheet No. 5-24)

TERMS AND CONDITIONS OF SERVICE (Continued)

demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small General Time of Day Service schedule.

3. Optional Metering Service: Optional metering is available subject to the provisions in the General Rules and Regulations, Section 1.5, for the following applications:

   a. Kilowatt-hour Metered Service: For applications where a non-time of day meter is used, the time of day metering charge will be waived and the applicable lower monthly Customer Charge shall apply.

   b. Unmetered Service: For applications where no metering is installed, the applicable lower monthly Customer Charge shall apply. If requested by Company, the customer agrees to receive one or more combined bills for all their unmetered service locations. For purposes of applying the appropriate customer service charge, one customer service charge shall be applied for every point of delivery. A point of delivery shall be any location where a meter would otherwise be required under this schedule.

   c. Low Wattage Unmetered Service: For applications where customer owns and operates multiple electronic devices in at least 500 locations within Company's Minnesota electric service area. Such electronic devices are: 1) individually located at each point of delivery, 2) rated at less than 400 Watts, and 3) operated with a continuous and constant load level year round. Each individual electronic device must not in any way interfere with Company operations and service to adjacent customers. This optional metering service is not applicable to electric service for traffic signals, civil defense, or lighting. Company reserves the right to evaluate customer requests for this optional metering service to determine eligibility.

      The monthly fixed charge under this optional metering service shall be ~~$0.30~~ $0.34 per device for devices with a rating of 100 Watts or less. For devices with a rating over 100 Watts but less than 400 Watts, the monthly fixed charge shall be ~~$1.20~~$1.34 per device. R R

      In place of metered usage for each device, customer will be billed for the predetermined energy usage in kWh per device. The energy charge shall equal the sum of the predetermined energy usage for customer's low wattage devices in service for the billing month multiplied by the Constant Hourly Energy Charge applicable for the billing month.

      Customer shall contract for this optional metering service through an electric service agreement with Company.

AVAILABILITY
Available to any non-residential customer for general service where customer is not required to be on a time-of-day rate schedule. Once the customer's 15-minute measured demands are equal to or greater than 1,000 kW for at least 4 of the past 12 consecutive months, the customer will be transferred to the General Time of Day service.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$25.64~~$26.00		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW	~~$10.49~~$13.27	~~$14.79~~$17.88	R
Energy Charge per kWh	~~$0.03407~~$0.04807		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	~~$0.01518~~$0.01806		R

	January – December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00129	R
Transmission Transformed Voltage	~~$1.55~~$1.90	~~$0.00267~~$0.00306	R
Transmission Voltage	~~$2.35~~$2.70	~~$0.00277~~$0.00317	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-27)

GENERAL TIME OF DAY SERVICE
RATE CODE A15, A17, A19

AVAILABILITY-MANDATORY

Effective November 1, 2007, this rate schedule is mandatory for any non-residential customer for general service having a 15-minute measured demand equal to or greater than 1,000 kW for at least 4 of the past 12 consecutive months. Customer will remain on this rate schedule on a mandatory basis unless their demand remains below 1,000 kW for 12 consecutive months.

AVAILABILITY-OPTIONAL

This rate schedule is optional for any non-residential customer for general service where customer is not required to be on a time-of-day rate.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Time Of Day Metered (A15)	~~$29.64~~$30.00		R
-- kWh Metered (A17)	~~$25.64~~$26.00		R
-- Unmetered (A19)	~~$21.64~~$22.00		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW			
On Peak Period Demand	~~$10.49~~$13.27	~~$14.79~~$17.88	R
Off Peak Period Demand in Excess of On Peak Period Demand	~~$2.35~~$2.70	~~$2.35~~$2.70	R
Energy Charge per kWh			
On Peak Period Energy	~~$0.04855~~$0.06930		R
Off Peak Period Energy	~~$0.02341~~$0.03269		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the On Peak Period Billing Demand, Not to Exceed 50% of Total kWh	~~$0.01518~~$0.01806		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00129	R
Transmission Transformed Voltage	~~$1.55~~$1.90	~~$0.00267~~$0.00306	R
Transmission Voltage	~~$2.35~~$2.70	~~$0.00277~~$0.00317	R

(Continued on Sheet No. 5-30)

PEAK CONTROLLED SERVICE Section No. 5
RATE CODE A23 ~~22nd~~23rd Revised Sheet No. 40

AVAILABILITY

Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company and where customer is not required to be on a time-of-day rate schedule. Once the customer's total 15-minute measured demands (Firm plus Controllable) are equal to or greater than 1000 kW for at least 4 of the past 12 consecutive months, the customer will be transferred to the Peak Controlled Time of Day service. Availability is restricted to customers with a minimum Controllable demand of 50 kW.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$55.00~~$60.00		R
Service at Secondary Voltage			
Energy Charge per kWh	~~$0.03407~~$0.04807		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours	~~$0.01518~~$0.01806		R
Times the Sum of All Billing Demands			
Demand Charge per Month per kW	Tier 1	Tier 2	
Firm Demand			
June - September	~~$14.79~~$17.88	~~$14.79~~$17.88	R
Other Months	~~$10.49~~$13.27	~~$10.49~~$13.27	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	~~$8.88~~$11.68	R
Level B: ≥ 65% and < 85% PF	~~$7.15~~$9.81	~~$7.86~~$10.55	R
Level C: ≥ 85% PF	~~$6.56~~$9.19	~~$7.34~~$10.01	R
Short Notice Rider	~~$6.09~~$8.69	Not Available	R

	January – December		
Voltage Discounts per Month	Per Kw	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00129	R
Transmission Transformed Voltage	~~$1.55~~$1.90	~~$0.00267~~$0.00306	R
Transmission Voltage	~~$2.35~~$2.70	~~$0.00277~~$0.00317	R

(Continued on Sheet No. 5-41)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
RATE CODE A24 ~~17th~~18th Revised Sheet No. 44

AVAILABILITY
Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company. Availability is restricted to customers with a minimum controllable demand of 50 kW.

AVAILABILITY-MANDATORY
Effective November 1, 2007, this rate schedule is mandatory for any Peak Controlled customer having a 15-minute measured demand equal to or greater than 1000 kW for at least 4 of the past 12 consecutive months. Customer will remain on this rate schedule on a mandatory basis unless their demand remains below 1000 kW for 12 consecutive months.

AVAILABILITY-OPTIONAL
This rate schedule is optional for any non-residential customer for general service where customer is not required to be on a time-of-day rate.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$55.00~~$60.00	R
Service at Secondary Voltage		
Energy Charge per kWh		
On Peak Period Energy	~~$0.04855~~$0.06930	R
Off Peak Period Energy	~~$0.02341~~$0.03269	R
Energy Charge Credit per Month per kWh		
All kWh in Excess of 400 Hours Times the Sum of All On Peak Period Billing Demands, Not to Exceed 50% of Total kWh	~~$0.01518~~$0.01806	R

(Continued on Sheet No. 5-45)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
(Continued) ~~25th~~26th Revised Sheet No. 45
RATE CODE A24

RATE (Continued)

Demand Charge per Month per kW	Tier 1	Tier 2	
On Peak Period Demand			
Firm Demand			
June - September	~~$14.79~~$17.88	~~$14.79~~$17.88	R
Other Months	~~10.49~~ $13.27	~~$10.49~~$13.27	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	~~$8.88~~$11.68	R
Level B: ≥ 65% and < 85% PF	~~$7.15~~$9.81	~~$7.86~~$10.55	R
Level C: ≥ 85% PF	~~$6.56~~$9.19	~~$7.34~~$10.01	R
Short Notice Rider	~~$6.09~~$8.69	Not Available	R
Off Peak Period Demand in Excess of On Peak Period Demand (Jan-Dec)	~~$2.35~~$2.70	~~$2.35~~$2.70	R

	January – December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00129	R
Transmission Transformed Voltage	~~$1.55~~$1.90	~~$0.00267~~$0.00306	R
Transmission Voltage	~~$2.35~~$2.70	~~$0.00277~~$0.00317	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 5-46)

AVAILABILITY
Available to the Metropolitan Council's light rail transit lines for all electric power and energy required by its Traction Station service locations. Traction Stations will be aggregated as lines as they are put into service. Traction Stations common to more than one line will be aggregated with the line with which they were originally put into service.

RATE

Customer Charge per Month per Traction Station		$100.00	
Transmission and Distribution Demand Charge per Month per kW			
All Traction Station On Peak Non-Coincident Billing Demands		~~$5.28~~$7.42	R
Off Peak Period Non-Coincident Demand in Excess of On Peak Period Non-Coincident Demand		~~$1.55~~$2.00	R
Generation Demand Charge per Month per kW	Oct-May	Jun-Sep	
Rail Line On Peak Coincident Billing Demand	~~$4.41~~$5.15	~~$8.71~~$9.76	R
Energy Charge per kWh			
On Peak Period Energy		~~$0.04750~~$0.06801	R
Off Peak Period Energy		~~$0.02236~~$0.03140	R
Energy Charge Credit per Month per kWh			
All Energy in Excess of 400 Hours Times the On Peak Period Coincident Billing Demand, Not to Exceed 50% of the Energy		~~$0.01303~~$0.01550	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE ~~R~~
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 5-72)

STREET LIGHTING SYSTEM SERVICE Section No. 5
RATE CODE A30 ~~26th~~27th Revised Sheet No. 74

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by High Pressure Sodium (HPS), Metal Halide or Light Emitting Diode (LED) luminaires supported on poles, where the facilities for this service are furnished by Company. Underground Service under this schedule is limited to areas having a Company owned underground electric distribution system. Standard Service includes a monthly payment for the lighting system cost. Pre-Pay Option requires customer payment for the lighting system cost before establishing service.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

		Monthly Rate Per Luminaire				
		Standard Service			Pre-Pay	
Designation of Lamp	(Lumens)	Overhead	Underground	Decorative	Option	
70W High Pressure Sodium		~~$9.63~~$12.55	~~$19.54~~$24.24	--	~~$5.97~~$7.28	R
100W High Pressure Sodium		~~$10.17~~$13.23	~~$20.07~~$24.91	~~$31.67~~$38.61	~~$6.66~~$8.07	
150W High Pressure Sodium		~~$10.95~~$14.32	~~$20.86~~$26.02	~~$32.84~~$40.00	~~$7.54~~$9.13	
200W High Pressure Sodium*		~~$12.88~~$16.45	--	--	--	
250W High Pressure Sodium		~~$13.87~~$17.72	~~$23.38~~$29.12	~~$34.89~~$42.75	~~$9.61~~$11.71	
400W High Pressure Sodium		~~$16.85~~$21.62	~~$26.06~~$32.79	~~$37.38~~$46.28	~~$12.42~~$15.13	
175W Metal Halide		~~$14.98~~$18.17	~~$27.90~~$33.38	~~$37.38~~$16.08	~~$13.54~~$16.08	
30-40W Light Emitting Diode	(*4,000*)	~~$10.32~~$12.80	~~$20.22~~$24.49	--	~~$4.90~~$6.16	
50-75W Light Emitting Diode	(*6,000*)	~~$11.01~~$13.59	~~$20.91~~$25.27	--	~~$5.49~~$6.80	
110-165W Light Emitting Diode	(*14,000*)	~~$14.46~~17.23	~~$23.96~~$28.62	--	~~$7.05~~$8.64	
200-250W Light Emitting Diode	(*25,000*)	~~$17.98~~$21.07	~~$27.19~~$32.25	--	~~$8.93~~$10.72	R

*Closed to new customers

(Continued on Sheet No 5-74.1)

STREET LIGHTING ENERGY SERVICE (CLOSED) Section No. 5
RATE CODE A32 ~~25th~~26th Revised Sheet No. 76

AVAILABILITY
Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns a Company approved ornamental street lighting system complete with standards, luminaires with globes, lamps, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's facilities as designated by Company. Service is limited to existing lighting systems being served under this schedule.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp (Lumens)	Monthly Rate per Luminaire	
100W Mercury	~~$2.45~~$3.09	R
175W Mercury	~~$3.64~~$4.61	
250W Mercury	~~$4.94~~$6.25	
400W Mercury	~~$7.69~~$9.76	
700W Mercury	~~$12.78~~$16.24	
1,000W Mercury	~~$17.77~~$22.60	
50W High Pressure Sodium	~~$1.37~~$1.71	
70W High Pressure Sodium	~~$1.73~~$2.17	
100W High Pressure Sodium	~~$2.29~~$2.89	
150W High Pressure Sodium	~~$3.14~~$3.97	
200W High Pressure Sodium	~~$4.18~~$5.29	
250W High Pressure Sodium	~~$5.28~~$6.69	
400W High Pressure Sodium	~~$8.03~~$10.19	
750W High Pressure Sodium	~~$13.78~~$17.52	R
F72HO Fluorescent	~~$3.61~~$3.93	R
<30W Light Emitting Diode (2,500)	~~$1.06~~$1.12	~~N~~R
30-45W Light Emitting Diode (4,000)	~~$1.34~~$1.41	~~N~~R
50-75W Light Emitting Diode (6,000)	~~$1.85~~$1.96	~~N~~R
110-165W Light Emitting Diode (14,000)	~~$3.44~~$3.66	~~N~~R
200-250W Light Emitting Diode (25,000)	~~$5.14~~$5.47	~~N~~R

(Continued on Sheet No. 5-77)

STREET LIGHTING ENERGY SERVICE - METERED Section No. 5
RATE CODE A34 ~~29th~~30th Revised Sheet No. 78

AVAILABILITY
Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns and maintains an ornamental street lighting system complete with standards, luminaires with globes, lamps, photocells, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's meter as designated by Company.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Meter per Month	~~$5.00~~$5.50	R
Energy Charge per kWh	~~$0.04534~~$0.05772	R

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 78.1)

STREET LIGHTING SERVICE - CITY OF ST. PAUL Section No. 5
(CLOSED) ~~27th~~28th Revised Sheet No. 80
RATE CODE A37

AVAILABILITY
Available to the City of St. Paul for furnishing, maintaining, and operating certain electrical connections, lines, and appurtenances thereto, and supplying electric current for city street lighting.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp	Monthly Rate per Luminaire	
100W High Pressure Sodium	~~$5.48~~$6.52	R
150W High Pressure Sodium	~~$6.14~~$7.36	R
250W High Pressure Sodium	~~$8.60~~$9.94	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 5-81)

SMALL MUNICIPAL PUMPING SERVICE Section No. 5
RATE CODE A40 ~~30th~~31st Revised Sheet No. 85

AVAILABILITY
Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants. (Rate schedule is applied separately to each delivery point.)

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Oct-May	Jun-Sep	
Customer Charge per Month	~~$10.00~~$11.50	~~$10.00~~$11.50	R
Energy Charge per kWh	~~$0.07757~~$0.09759	~~$0.09256~~$0.11487	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

(Continued on Sheet No. 5-86)

MUNICIPAL PUMPING SERVICE Section No. 5
RATE CODE A41 ~~31st~~32nd Revised Sheet No. 87

AVAILABILITY
Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants. (Rate schedule is applied separately to each delivery point.)

RATE

Customer Charge per Month	~~$25.64~~$26.00		R
	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW	~~$10.49~~$13.27	~~$14.79~~$17.88	R
Energy Charge per kWh	~~$0.03407~~$0.04807		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	~~$0.01518~~$0.01806		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00129	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-88)

FIRE AND CIVIL DEFENSE SIREN SERVICE Section No. 5
RATE CODE A42 ~~14th~~15th Revised Sheet No. 89

AVAILABILITY
Available for power service for the operation of municipal fire and civil defense warning sirens having a rated capacity not in excess of 25 horsepower.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE
Per Month per Horsepower of Connected Capacity ~~$0.76~~$0.81 R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

MONTHLY MINIMUM CHARGE
Net per Month ~~$3.66~~3.88 R

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

CONNECTION
Under the above rate, the Company will make no extension for service other than a normal service span. Where conditions are such that a long service connection or extra transformer capacity, or both, are necessary, the customer shall either pay the entire cost of such extra equipment or pay a monthly facilities charge based on such costs.

The circuit serving the siren must be in conduit from the entrance to the motor with an enclosed entrance switch box, which may be sealed and operated from an external appliance.

OPTIONAL
In case the customer already has a service connection of sufficient capacity to permit operation of the siren without unduly disturbing conditions on the Company's nearby circuits, the siren may be connected at the option of the customer on the load side of the customer's existing meter and the commercial rate applied to the total load.

STANDBY SERVICE RIDER

AVAILABILITY

Applicable to customers that use a customer-sited generation source with a capacity greater than 100 kW to serve a defined portion of the customer's total electric energy requirements and where customer chooses to use the Company's electric service to serve that defined load when the customer-sited generation is either partly or wholly unavailable. Customer must select one of the following services types: Firm Unscheduled Maintenance, Firm Scheduled Maintenance, or Non-Firm service. This Rider is not available to solar photovoltaic generation systems and is closed to new wind generation systems.

Under this tariff the Company will provide Standby Service in accordance with the provisions of this tariff as well as those of Section 2.4 of the General Rules and Regulations.

RATE

	Firm Standby		Non-Firm	
	Unscheduled Maintenance	Scheduled Maintenance	Standby	
Customer Charge per Month	~~$25.64~~$26.00	~~$25.64~~$26.00	~~$25.64~~$26.00	R
Reservation Demand Charge per Month per kW of Contracted Standby Capacity				
Secondary Voltage Service	~~$3.06~~$3.60	~~$2.96~~$3.50	~~$2.35~~$2.70	R
Primary Voltage Service	~~$2.26~~$2.90	~~$2.16~~$2.80	~~$1.55~~$2.00	R
Transmission Transformed Voltage Service	~~$1.51~~$1.70	~~$1.41~~$1.60	~~$0.80~~$0.80	R
Transmission Voltage Service	~~$0.71~~$0.90	~~$0.61~~$0.80	$0.00	R
Peak Period Standby Energy Surcharge per kWh				
June – September		~~$0.06312~~$0.07702		R
Other Months		~~$0.04130~~$0.05363		R

Energy Charge per kWh. All energy used under this Rider will be charged at the applicable energy rate of the base tariff to which this Rider is attached and is not applicable to the base tariff Energy Charge Credit.

STANDBY ENERGY USAGE

Standby energy usage occurs when the customer-sited generation source output in kW is less than contracted standby kW capacity. Standby energy usage in kWh is measured in 15-minute intervals and is defined as the kWh energy associated with constant operation of customer-sited generation at the contract standby kW capacity level less actual energy production of customer-sited generation, but not less than zero kWh for each 15-minute interval. Actual energy production of customer-sited generation will be measured by Company-owned and installed production metering equipment.

(Continued on Sheet No. 5-101.1)

AVAILABILITY

Applicability of Supplemental Service is similar to that of Standby Service Rider, where customers with an alternative generation source greater than 60 kW, which serves all or a portion of the customer's electric energy requirements and where customer chooses to use the Company's electric service when the alternative generation is either partly or wholly unavailable.

Specifically, Supplemental Service is targeted at applications where the output of the alternative generation is designed primarily to meet the customer's thermal-load requirements and as such, the generator's electric energy output is variable because it is dependent on the customer's thermal requirements.

The normal expectation of this Rider is that the customer will contract for a firm portion of their backup supply from the Company under the Standby Service Rider and will contract for the variable portion under this Supplemental Generation Service Rider. Each customer request for service under this Rider will be evaluated on a customer specific basis to determine eligibility.

Under this service, the Company will provide Supplemental Generation Service in accordance with the provisions of the General Rules and Regulations, Section 2.4.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RESERVATION RATES

Customer Charge per Month	~~$25.64~~$26.00	R
Demand Charge per Month per kW of Contracted Supplemental Service		
Secondary Voltage Service	~~$3.40~~$4.05	R
Primary Voltage Service	~~$2.60~~$3.35	R
Transmission Transformed Voltage Service	~~$1.85~~$2.15	R
Transmission Voltage Service	~~$1.05~~$1.35	R

USAGE RATES

Demand Charge per Month per kW of Supplemental Generation Capacity Used. There will be no Usage Rate demand charge for Supplemental capacity actually used under this Rider except if that capacity is used during one of the Company's energy controlled or peak controlled interrupt periods. In such case, the demand will be charged as described below.

Energy Charge per kWh of Supplemental Generation Energy Used. Energy actually used under this Rider during normal time periods will be charged at the same energy and fuel cost charges as contained in the base tariff to which this Rider is attached. However, if energy is used during one of the Company's energy controlled or peak controlled interrupt periods, the energy will be charged as described below.

(Continued on Sheet No. 5-109)

TIER 1 ENERGY CONTROLLED SERVICE RIDER Section No. 5
RATE CODE A27 ~~13th~~14th Revised Sheet No. 115

AVAILABILITY
Availability is restricted to customers who are taking service on the Tier 1 option of the Peak Controlled Time of Day Service.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RATE
The rates and provisions of Tier 1 of the Peak Controlled Time of Day Service schedule shall apply except that the on peak and off peak energy charges for secondary voltage are replaced as follows:

Energy Charge per kWh

Firm On Peak Period Energy	~~$0.04855~~$0.06930	R
Firm Off Peak Period Energy	~~$0.02341~~$0.03269	R
Controllable On Peak Period Energy	~~$0.04647~~$0.06705	R
Controllable Off Peak Period Energy	~~$0.02280~~$0.03232	R
Control Period Energy	$0.09000	

TERMS AND CONDITIONS OF SERVICE

1. Failure to Control Charge: Except as provided for under Control Period Energy Service described below, the following charges will apply in any month customer fails to control load to Predetermined Demand Level or fails to control the full amount of their fixed Controllable Demand under the Optional PDL:
   a. An additional charge of $10.00 per kW will apply during each Company specified control period to the amount by which customer's Maximum Adjusted Demand exceeds their Predetermined Demand Level, and
   b. The Control Period Energy charge will apply to the energy used during the control period that is associated with the customer's Controllable Demand.

   After three such customer failures to control load to their Predetermined Demand Level, Company reserves the right to increase the Predetermined Demand Level or remove customer from Tier 1 Energy Controlled Service Rider and apply the cancellation charge specified in customer's Electric Service Agreement.

(Continued on Sheet No. 5-116)

PHOTOVOLTAIC DEMAND CREDIT RIDER
RATE CODE A85 (CLOSED)
RATE CODE A86

AVAILABILITY – GENERAL
Applicable by customer request to demand-metered commercial and industrial customers that use Solar Photovoltaic as a customer-sited generation source with a capacity greater than 40 kW (AC) with a single production meter to serve all or a portion of customer's electric energy requirements. Not available to customer-sited generation that is the subject of another incentive program such as Solar*Rewards.

AVAILABILITY – CLOSED RATE
Availability of the closed rate is limited to qualifying customer account locations that: 1) were receiving Standby Service Rider tariff service with the Photovoltaic Solar Credit on the date this Rider was originally approved by the Commission, or 2) have enrolled by submitting to the Company a complete interconnection application for a planned qualifying generation source before February 14, 2020. The closed rate will expire April 20, 2027. After expiration of the closed rate, the applicable standard rate will replace the closed rate. C C

The standard rate will apply to customer account locations that do not qualify for the closed rate. The standard rate may be revised at any time subject to approval by the Commission.

RATE
Customer Charge per Month ~~$25.75~~$26.00 R

Credit per kWh of Peak Period Solar Photovoltaic Generation (A85 - Closed)	$0.071390
Credit per kWh of Peak Period Solar Photovoltaic Generation (A86 - Standard)	$0.069648

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R

CREDIT KWH LIMIT
The maximum kWh applied to the Rider credit per kWh each billing period is the Peak Period maximum 15-minute Solar Photovoltaic kW output for the billing period times 100 hours for billing periods ending in the months of June, July, August or September and 75 hours for billing periods ending in other months.

CREDIT LIMIT
The maximum credit for each billing period is the applicable standard or on-peak billed demand charge from the base tariff associated with this Rider. For Peak-Controlled Service and Peak-Controlled Time of Day Service customers, the maximum credit for each billing period is the billed demand charge for Firm Demand.

DEFINITION OF PEAK PERIOD
Peak period hours are the six hours between 1:00 p.m. and 7 p.m. for all days.

TERMS AND CONDITIONS OF SERVICE
1. Customer will execute an Electric Service Agreement with the Company that will specify:
   a) The base tariff associated with this Rider, and
   b) The installed capacity (AC) of customer's Solar Photovoltaic generation.
2. Company will install, own, and maintain the metering to measure the electric power and energy supplied by customer generation to allow for proper billing of the customer under this Rider. If, as a result of the customer's construction and installation of their generating facility, it is more practical for the customer to install some or all of the metering equipment required, the customer may be permitted to do so, subject to Company's approval of such equipment.
3. Company reserves the right to limit availability of this Rider to customer situations where the Solar Photovoltaic generation used by customer does not significantly affect the monthly peak demand of customer.
4. For Solar Photovoltaic generation, this Rider supersedes other Standby Service tariff provisions.

Summary List of 2023 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
Residential Service	5-1	A00, A01, A03	Rate changes.
Residential Time of Day Service	5-2	A02, A04	Rate changes.
Residential Time of Use Pilot Program Service	5-4.1	A72, A74	Rate changes.
Residential Electric Vehicle Service	5-5	A08	Rate changes.
Residential Electric Vehicle Pilot Service	5-7, 5-8.2	A81, A82, A83	Rate changes.
Energy Controlled Service (Non-Demand Metered)	5-9	A05	Rate changes.
Limited Off Peak Service	5-11	A06	Rate changes.
Limited Off Peak Service	5-12	A06	Rate change.
Automatic Protective Lighting Service	5-14	A07	Rate changes.
Small General Service	5-21	A09, A10, A11, A13	Rate changes.
Small General Time of Day Service	5-23, 5-24.1	A12, A16, A18, A22	Rate changes.
General Service	5-26	A14	Rate changes.
General Time of Day Service	5-29	A15, A17, A19	Rate changes.
Peak Controlled Service	5-40	A23	Rate changes.
Peak Controlled Time of Day Service	5-44, 5-45	A24	Rate changes.
Hiawatha Light Rail Line Tariff	5-71	A29	Rate changes.
Street Lighting System Service	5-74	A30	Rate changes.
Street Lighting Energy Service (Closed)	5-76	A32	Rate changes.
Street Lighting Energy Service – Metered	5-78	A34	Rate changes.
Street Lighting – City of St. Paul	5-80	A37	Rate changes.
Small Municipal Pumping Service	5-85	A40	Rate changes.

Summary List of 2023 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
Municipal Pumping Service	5-87	A41	Rate changes.
Fire and Civil Defense Siren Service	5-89	A42	Rate changes.
Standby Service Rider	5-101		Rate changes.
Supplemental Generation Service Rider	5-108		Rate changes.
Tier 1 Energy Controlled Service Rider	5-115	A27	Rate changes.
Photovoltaic Demand Credit Rider	5-125	A85, A86	Rate change.

Minnesota Electric Rate Book - MPUC No. 2
2023 Proposed Tariff Sheets

These sheets only contain rate changes proposed for year 2023

Sheet No. 5-1, revision 32
Sheet No. 5-2, revision 32
Sheet No. 5-4.1, revision 2
Sheet No. 5-5, revision 20
Sheet No. 5-7, revision 6
Sheet No. 5-8.2, revision 1
Sheet No. 5-9, revision 31
Sheet No. 5-11, revision 34
Sheet No. 5-12, revision 9
Sheet No. 5-14, revision 25
Sheet No. 5-21, revision 32
Sheet No. 5-23, revision 32
Sheet No. 5-24.1, revision 13
Sheet No. 5-26, revision 32
Sheet No. 5-29, revision 28
Sheet No. 5-40, revision 23
Sheet No. 5-44, revision 18
Sheet No. 5-45, revision 26
Sheet No. 5-71, revision 18
Sheet No. 5-74, revision 27
Sheet No. 5-76, revision 26
Sheet No. 5-78, revision 30
Sheet No. 5-80, revision 28
Sheet No. 5-85, revision 31
Sheet No. 5-87, revision 32
Sheet No. 5-89, revision 15
Sheet No. 5-101, revision 21
Sheet No. 5-108, revision 13
Sheet No. 5-115, revision 14
Sheet No. 5-125, revision 5

2023 Proposed Tariffs
Clean

RESIDENTIAL SERVICE Section No. 5
RATE CODE A00, A01, A03 32nd Revised Sheet No. 1

AVAILABILITY
Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Standard	Electric Space Heating	
Customer Charge per Month – Water Heating (A00)	$0.00	N/A	
– Overhead (A01)	$9.50	$11.50	R
– Underground (A03)	$11.50	$13.50	R
Energy Charge per kWh			
June - September	$0.13802	$0.13802	R
Other Months	$0.12042	$0.08746	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

(Continued on Sheet No. 5-1.1)

RESIDENTIAL TIME OF DAY SERVICE Section No. 5
RATE CODE A02, A04 32nd Revised Sheet No. 2

AVAILABILITY
Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Standard	Electric Space Heating	
Customer Charge per Month			
Overhead (A02)	$11.50	$13.50	R
Underground (A04)	$13.50	$15.50	R
On Peak Period Energy Charge per kWh			
June - September	$0.27229	$0.27229	R
Other Months	$0.22566	$0.14267	R
Off Peak Period Energy Charge per kWh			
June - September	$0.05662	$0.05662	R
Other Months	$0.05662	$0.05662	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-3)

RESIDENTIAL TIME OF USE PILOT PROGRAM Section No. 5
SERVICE 2nd Revised Sheet No. 4.1
RATE CODE A72, A74

PILOT PROGRAM DESIGN
This is an experimental rate design for the residential Time of Use Pilot Program to be applied for two years from the effective date of this rate schedule. Participating customers will have received Residential Service without electric space heating prior to the Pilot, and may elect a return to the Residential Service rate schedule following the Pilot.

AVAILABILITY
A maximum of 10,000 customers will be selected to receive service with this rate schedule. The Company will determine pilot participants that receive service through the Hiawatha West, Midtown, or Westgate substations. Pilot participants will not include customers that are on net metering service or have other interconnected distributed generation on their premise, or customers that also receive Energy Controlled (Non-Demand Metered) Service, Residential Electric Vehicle Service, Limited Off-Peak Service, or customers that are medical equipment-dependent. Pilot participants may elect to opt out of participation in this Pilot for a specific premise.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Bill Protection may also apply. Details regarding the specific charges applicable to this service and Bill Protection are listed below.

RATE

Customer Charge per Month		
Overhead (A72)	$9.50	R
Underground (A74)	$11.50	R
Energy Charge per kWh		
June – September		
On-Peak Period	$0.28882	R
Mid-Peak Period	$0.12004	R
Off-Peak Period	$0.04363	R
Other Months		
On-Peak Period	$0.25808	R
Mid-Peak Period	$0.10557	R
Off-Peak Period	$0.04363	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

(Continued on Sheet No. 5-4.2)

RESIDENTIAL ELECTRIC VEHICLE SERVICE Section No. 5
RATE CODE A08 20th Revised Sheet No. 5

AVAILABILITY
Available to residential customers for service only to electric vehicle loads including battery charging and accessory usage. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CHARACTER OF SERVICE
Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	$5.50	R
On-Peak Period Energy Charge per kWh		
June - September	$0.27229	R
Other Months	$0.22566	R
Off-Peak Period Energy Charge per kWh	$0.05662	R

<u>In addition, customer bills under this rate are subject to the following adjustments and/or charges.</u>

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-6)

RESIDENTIAL ELECTRIC VEHICLE PILOT SERVICE Section No. 5
RATE CODE A80, A81 6th Revised Sheet No. 7

AVAILABILITY
Available while this Pilot Service is in effect to Residential Service customers for service only to electric vehicle loads including battery charging and accessory usage. Bundled service includes Company installed and provided charging equipment. Pre-Pay Option service is available to customers electing to pay Company for the installed cost of charging equipment prior to beginning service with this tariff. Customers electing Pre-Pay Option service are separately invoiced at the time of installation. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CONTRACT
Customers must contract for this service through an Electric Vehicle Pilot Electric Service Agreement with the Company. The initial contract period will normally be for 24 months.

CHARACTER OF SERVICE
Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and /or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month		
Bundled (A80)	$17.47	
Pre-Pay Option (A81)	$7.10	
On-Peak Period Energy Charge per kWh		
June - September	$0.27229	R
Other Months	$0.22566	R
Off-Peak Period Energy Charge per kWh	$0.05662	R

PRE-PAY OPTION
The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

<u>In addition, customer bills under this rate are subject to the following adjustments and/or charges.</u>

(Continued on Sheet No. 5-8)

RESIDENTIAL ELECTRIC VEHICLE SUBSCRIPTION PILOT SERVICE (Continued)
RATE CODE A82, A83

RATE
Customer Charge per Month

General System Energy	
Bundled (A82)	$43.63
Pre-Pay Option (A83)	$33.22
Renewable Energy (Windsource)	
Bundled (A82)	$46.15
Pre-Pay Option (A83)	$35.74

Excess On-Peak Period Energy Charge per kWh

June - September	$0.27229	R
Other Months	$0.22566	R

PRE-PAY OPTION
The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
The monthly customer charge includes preset fuel charges for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
The monthly customer charge includes a preset Resource Adjustment charge for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 5-8.3)

ENERGY CONTROLLED SERVICE Section No. 5
(NON-DEMAND METERED) 31st Revised Sheet No. 9
RATE CODE A05

AVAILABILITY
Available to residential and commercial customers with permanently connected interruptible loads of up to 50 kW that would be under Company control. The types of loads served would include dual fuel space heating, water heating, and other loads subject to Company approval.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Residential	Commercial & Industrial	
Customer Charge	$5.50	$5.50	R
Energy Charge per kWh	$0.07141	$0.07141	R
Optional			
June - September	$0.13802	$0.11834	R
Other Months	$0.07141	$0.07141	R

OPTIONAL ENERGY CHARGE
This option is available to customers with heat pump installations for non-interruptible service during June through September billing months.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-10)

LIMITED OFF PEAK SERVICE Section No. 5
RATE CODE A06 34th Revised Sheet No. 11

AVAILABILITY
Available to any customers for controlled loads that will be energized only for the time period between 10:00 p.m. to 6:30 a.m. daily.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Residential	Commercial & Industrial	
Customer Charge per Month			
Secondary Voltage			
Single Phase	$5.50	$11.00	R
Three Phase	--	$15.00	R
Primary Voltage	--	$60.00	
Transmission Transformed	--	$60.00	
Transmission	--	$60.00	
Energy Charge per kWh			
Secondary Voltage	$0.05147	$0.05147	R
Primary Voltage	--	$0.05015	R
Transmission Transformed	--	$0.04834	R
Transmission	--	$0.04823	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-11.1)

MONTHLY MINIMUM CHARGE
For all customers, the minimum charge shall be the applicable customer charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

TERMS AND CONDITIONS OF SERVICE

1. Limited Off Peak Service shall be separately served and metered and must at no time be connected to facilities serving customer's other loads.

2. Company will not be liable for any loss or damage caused by or resulting from any interruption of service.

3. Customer selecting Limited Off Peak Service must remain on this service for a minimum term of one year, unless customer transfers to another interruptible service rate.

4. Customer has the option of directly controlling own load or allowing Company load control. If customer chooses Company load control, customer must:
   a. Provide a load-break switch or circuit breaker equipped with electronic trip and close circuits allowing for remote operation of customer's switch or circuit breaker by Company,
   b. Wire the trip and close circuits into a connection point designated by Company to allow installation of remote control equipment by Company, and
   c. Provide a continuous 120 volt AC power source at the connection point for operation of Company's remote control equipment.

5. A charge of $0.444 per kWh shall be applied to non-authorized energy used outside of the energized time period specified in this tariff. If this energy use occurs during three or more billing months, the Company reserves the right to remove customer from Limited Off Peak Service. R

6. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditures for facilities necessary to serve this load which would not otherwise be required to serve customer's load.

AUTOMATIC PROTECTIVE LIGHTING SERVICE Section No. 5
RATE CODE A07 25th Revised Sheet No. 14

AVAILABILITY
Available to all types of customers except for municipal street lighting purposes.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp (Lumens)	Monthly Rate Per Unit	
Area Units		
100W High Pressure Sodium	$10.20	R
175W Mercury (1)	$10.20	R
250W High Pressure Sodium	$16.59	R
400W Mercury (1)	$16.59	R
30-45W Light Emitting Diode (4,000)	$9.81	R
110-165W Light Emitting Diode (14,000)	$15.47	R
Directional Units		
250W High Pressure Sodium	$19.02	R
400W High Pressure Sodium	$24.01	R
1,000W Mercury (1)	$29.06	R

(1) Available to existing installations only.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

SERVICE INCLUDED IN RATE
Company shall own, operate, and maintain the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets, and all necessary wiring. Company shall furnish all electric energy required for operation of the unit.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

(Continued on Sheet No. 5-15)

AVAILABILITY
Standard service (i.e., alternating current) is available to any non-residential customer for single or three phase electric service. Direct Current service is only available in Minneapolis and St. Paul to the extent now used.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Unmetered (A09)	$9.50	R
– Metered (A10)	$11.50	R
– Water Heating (A11)	$0.00	
– Direct Current (A13)	$11.50	R
Energy Charge per kWh		
June - September	$0.11834	R
Other Months	$0.010073	R
Demand Charge (Direct Current Only) per Month per kW of Connected Load	$4.10	R

<u>In addition, customer bills under this rate are subject to the following adjustments and/or charges.</u>

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-22)

SMALL GENERAL TIME OF DAY SERVICE Section No. 5
RATE CODE A12, A16, A18, A22 32nd Revised Sheet No. 23

AVAILABILITY
Available to any non-residential customer for single or three phase electric service supplied through one meter.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Time Of Day Metered (A12)	$13.50	R
– kWh Metered (A16)	$11.50	R
– Unmetered (A18)	$9.50	R
– Low Wattage (A22)	(Please see page 5-24.1)	

Energy Charge per kWh	Oct-May	Jun-Sep	
On Peak Period (A12)	$0.15106	$0.1888	R
Off Peak Period (A12)	$0.05662	$0.05662	R
Constant Hourly (A16, A18, A22) (= 35% On, 65% Off)	$0.08967	$0.10288	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

(Continued on Sheet No. 5-24)

TERMS AND CONDITIONS OF SERVICE (Continued)

demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small General Time of Day Service schedule.

3. Optional Metering Service: Optional metering is available subject to the provisions in the General Rules and Regulations, Section 1.5, for the following applications:

   a. Kilowatt-hour Metered Service: For applications where a non-time of day meter is used, the time of day metering charge will be waived and the applicable lower monthly Customer Charge shall apply.

   b. Unmetered Service: For applications where no metering is installed, the applicable lower monthly Customer Charge shall apply. If requested by Company, the customer agrees to receive one or more combined bills for all their unmetered service locations. For purposes of applying the appropriate customer service charge, one customer service charge shall be applied for every point of delivery. A point of delivery shall be any location where a meter would otherwise be required under this schedule.

   c. Low Wattage Unmetered Service: For applications where customer owns and operates multiple electronic devices in at least 500 locations within Company's Minnesota electric service area. Such electronic devices are: 1) individually located at each point of delivery, 2) rated at less than 400 Watts, and 3) operated with a continuous and constant load level year round. Each individual electronic device must not in any way interfere with Company operations and service to adjacent customers. This optional metering service is not applicable to electric service for traffic signals, civil defense, or lighting. Company reserves the right to evaluate customer requests for this optional metering service to determine eligibility.

      The monthly fixed charge under this optional metering service shall be $0.34 per device for devices with a rating of 100 Watts or less. For devices with a rating over 100 Watts but less than 400 Watts, the monthly fixed charge shall be $1.34 per device. R R

      In place of metered usage for each device, customer will be billed for the predetermined energy usage in kWh per device. The energy charge shall equal the sum of the predetermined energy usage for customer's low wattage devices in service for the billing month multiplied by the Constant Hourly Energy Charge applicable for the billing month.

      Customer shall contract for this optional metering service through an electric service agreement with Company.

AVAILABILITY
Available to any non-residential customer for general service where customer is not required to be on a time-of-day rate schedule. Once the customer's 15-minute measured demands are equal to or greater than 1,000 kW for at least 4 of the past 12 consecutive months, the customer will be transferred to the General Time of Day service.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	$25.99		R
Service at Secondary Voltage	Oct-May	Jun-Sep	R
Demand Charge per Month per kW	$13.75	$18.36	
Energy Charge per kWh	$0.04956		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	$0.01847		R

	January – December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.70	$0.00132	R
Transmission Transformed Voltage	$2.10	$0.00313	R
Transmission Voltage	$2.95	$0.00324	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-27)

GENERAL TIME OF DAY SERVICE
RATE CODE A15, A17, A19

AVAILABILITY-MANDATORY

Effective November 1, 2007, this rate schedule is mandatory for any non-residential customer for general service having a 15-minute measured demand equal to or greater than 1,000 kW for at least 4 of the past 12 consecutive months. Customer will remain on this rate schedule on a mandatory basis unless their demand remains below 1,000 kW for 12 consecutive months.

AVAILABILITY-OPTIONAL

This rate schedule is optional for any non-residential customer for general service where customer is not required to be on a time-of-day rate.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Time Of Day Metered (A15)	$29.99		R
-- kWh Metered (A17)	$25.99		R
-- Unmetered (A19)	$21.99		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW			
On Peak Period Demand	$13.75	$18.36	R
Off Peak Period Demand in Excess of On Peak Period Demand	$2.95	$2.95	R
Energy Charge per kWh			
On Peak Period Energy	$0.07144		R
Off Peak Period Energy	$0.03370		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the On Peak Period Billing Demand, Not to Exceed 50% of Total kWh	$0.01847		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.70	$0.00132	R
Transmission Transformed Voltage	$2.10	$0.00313	R
Transmission Voltage	$2.95	$0.00324	R

(Continued on Sheet No. 5-30)

PEAK CONTROLLED SERVICE Section No. 5
RATE CODE A23 23rd Revised Sheet No. 40

AVAILABILITY

Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company and where customer is not required to be on a time-of-day rate schedule. Once the customer's total 15-minute measured demands (Firm plus Controllable) are equal to or greater than 1000 kW for at least 4 of the past 12 consecutive months, the customer will be transferred to the Peak Controlled Time of Day service. Availability is restricted to customers with a minimum Controllable demand of 50 kW.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month		$60.00	R
Service at Secondary Voltage			
Energy Charge per kWh		$0.04956	R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours		$0.01847	R
Times the Sum of All Billing Demands			
Demand Charge per Month per kW	Tier 1	Tier 2	
Firm Demand			
June - September	$18.36	$18.36	R
Other Months	$13.75	$13.75	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	$12.16	R
Level B: ≥ 65% and < 85% PF	$10.29	$11.03	R
Level C: ≥ 85% PF	$9.67	$10.49	R
Short Notice Rider	$9.17	Not Available	R

	January – December		
Voltage Discounts per Month	Per Kw	Per kWh	
Primary Voltage	$0.70	$0.00132	R
Transmission Transformed Voltage	$2.10	$0.00313	R
Transmission Voltage	$2.95	$0.00324	R

(Continued on Sheet No. 5-41)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
RATE CODE A24 18th Revised Sheet No. 44

AVAILABILITY
Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company. Availability is restricted to customers with a minimum controllable demand of 50 kW.

AVAILABILITY-MANDATORY
Effective November 1, 2007, this rate schedule is mandatory for any Peak Controlled customer having a 15-minute measured demand equal to or greater than 1000 kW for at least 4 of the past 12 consecutive months. Customer will remain on this rate schedule on a mandatory basis unless their demand remains below 1000 kW for 12 consecutive months.

AVAILABILITY-OPTIONAL
This rate schedule is optional for any non-residential customer for general service where customer is not required to be on a time-of-day rate.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	$60.00	R
Service at Secondary Voltage		
Energy Charge per kWh		
On Peak Period Energy	$0.07144	R
Off Peak Period Energy	$0.03370	R
Energy Charge Credit per Month per kWh		
All kWh in Excess of 400 Hours Times the Sum of All On Peak Period Billing Demands, Not to Exceed 50% of Total kWh	$0.01847	R

(Continued on Sheet No. 5-45)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
(Continued) 26th Revised Sheet No. 45
RATE CODE A24

RATE (Continued)

Demand Charge per Month per kW	Tier 1	Tier 2	
On Peak Period Demand			
Firm Demand			
June - September	$	$	R
Other Months	$	$	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	$12.16	R
Level B: ≥ 65% and < 85% PF	$10.29	$11.03	R
Level C: ≥ 85% PF	$9.67	$10.49	R
Short Notice Rider	$9.17	Not Available	R
Off Peak Period Demand in Excess of On Peak Period Demand (Jan-Dec)	$2.95	$2.95	R

	January – December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.70	$0.00132	R
Transmission Transformed Voltage	$2.10	$0.00313	R
Transmission Voltage	$2.95	$0.00324	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 5-46)

LIGHT RAIL LINE TARIFF
RATE CODE A29

AVAILABILITY
Available to the Metropolitan Council's light rail transit lines for all electric power and energy required by its Traction Station service locations. Traction Stations will be aggregated as lines as they are put into service. Traction Stations common to more than one line will be aggregated with the line with which they were originally put into service.

RATE

Customer Charge per Month per Traction Station		$100.00	
Transmission and Distribution Demand Charge per Month per kW			
All Traction Station On Peak Non-Coincident Billing Demands		$8.05	R
Off Peak Period Non-Coincident Demand in Excess of On Peak Period Non-Coincident Demand		$2.25	R
Generation Demand Charge per Month per kW	Oct-May	Jun-Sep	
Rail Line On Peak Coincident Billing Demand	$5.00	$9.61	R
Energy Charge per kWh			
On Peak Period Energy		$0.07012	R
Off Peak Period Energy		$0.03238	R
Energy Charge Credit per Month per kWh			
All Energy in Excess of 400 Hours Times the On Peak Period Coincident Billing Demand, Not to Exceed 50% of the Energy		$0.0159	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 5-72)

STREET LIGHTING SYSTEM SERVICE Section No. 5
RATE CODE A30 27th Revised Sheet No. 74

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by High Pressure Sodium (HPS), Metal Halide or Light Emitting Diode (LED) luminaires supported on poles, where the facilities for this service are furnished by Company. Underground Service under this schedule is limited to areas having a Company owned underground electric distribution system. Standard Service includes a monthly payment for the lighting system cost. Pre-Pay Option requires customer payment for the lighting system cost before establishing service.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Monthly Rate Per Luminaire				
	Standard Service			Pre-Pay	
Designation of Lamp (Lumens)	Overhead	Underground	Decorative	Option	
70W High Pressure Sodium	$13.05	$24.85	--	$7.73	R
100W High Pressure Sodium	$13.73	$25.52	$39.34	$8.52	
150W High Pressure Sodium	$14.84	$26.64	$40.75	$9.60	
200W High Pressure Sodium*	$16.99	--	--	--	
250W High Pressure Sodium	$18.28	$29.78	$43.53	$12.20	
400W High Pressure Sodium	$22.21	$33.49	$47.10	$15.66	
175W Metal Halide	$18.73	$34.07	$47.10	$16.59	
30-40W Light Emitting Diode (*4,000*)	$13.30	$25.09	--	$6.59	
50-75W Light Emitting Diode (*6,000*)	$14.09	$25.88	--	$7.24	
110-165W Light Emitting Diode (*14,000*)	$17.76	$29.26	--	$9.10	
200-250W Light Emitting Diode (*25,000*)	$21.66	$32.94	--	$11.21	R

*Closed to new customers

(Continued on Sheet No 5-74.1)

STREET LIGHTING ENERGY SERVICE (CLOSED) Section No. 5
RATE CODE A32 26th Revised Sheet No. 76

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns a Company approved ornamental street lighting system complete with standards, luminaires with globes, lamps, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's facilities as designated by Company. Service is limited to existing lighting systems being served under this schedule.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp (Lumens)	Monthly Rate per Luminaire	
100W Mercury	$3.18	R
175W Mercury	$4.76	
250W Mercury	$6.46	
400W Mercury	$10.09	
700W Mercury	$16.81	
1,000W Mercury	$23.41	
50W High Pressure Sodium	$1.75	
70W High Pressure Sodium	$2.23	
100W High Pressure Sodium	$2.98	
150W High Pressure Sodium	$4.10	
200W High Pressure Sodium	$5.47	
250W High Pressure Sodium	$6.92	
400W High Pressure Sodium	$10.55	
750W High Pressure Sodium	$18.14	R
F72HO Fluorescent	$3.93	R
<30W Light Emitting Diode (2,500)	$1.12	R
30-45W Light Emitting Diode (4,000)	$1.42	R
50-75W Light Emitting Diode (6,000)	$1.96	R
110-165W Light Emitting Diode (14,000)	$3.77	R
200-250W Light Emitting Diode (25,000)	$5.63	R

(Continued on Sheet No. 5-77)

STREET LIGHTING ENERGY SERVICE - METERED Section No. 5
RATE CODE A34 30th Revised Sheet No. 78

AVAILABILITY
Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns and maintains an ornamental street lighting system complete with standards, luminaires with globes, lamps, photocells, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's meter as designated by Company.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Meter per Month	$5.50	R
Energy Charge per kWh	$0.05984	R

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 78.1)

STREET LIGHTING SERVICE - CITY OF ST. PAUL Section No. 5
(CLOSED) 28th Revised Sheet No. 80
RATE CODE A37

AVAILABILITY
Available to the City of St. Paul for furnishing, maintaining, and operating certain electrical connections, lines, and appurtenances thereto, and supplying electric current for city street lighting.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp	Monthly Rate per Luminaire	
100W High Pressure Sodium	$6.71	R
150W High Pressure Sodium	$7.57	R
250W High Pressure Sodium	$10.18	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 5-81)

SMALL MUNICIPAL PUMPING SERVICE Section No. 5
RATE CODE A40 31st Revised Sheet No. 85

AVAILABILITY
Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants. (Rate schedule is applied separately to each delivery point.)

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Oct-May	Jun-Sep	
Customer Charge per Month	$11.50	$11.50	R
Energy Charge per kWh	$0.10073	$0.11834	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

(Continued on Sheet No. 5-86)

MUNICIPAL PUMPING SERVICE Section No. 5
RATE CODE A41 32nd Revised Sheet No. 87

AVAILABILITY
Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants. (Rate schedule is applied separately to each delivery point.)

RATE

Customer Charge per Month	$25.99		R
	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW	$13.75	$18.36	R
Energy Charge per kWh	$0.04956		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	$0.01847		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.70	$0.00132	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-88)

FIRE AND CIVIL DEFENSE SIREN SERVICE Section No. 5
RATE CODE A42 15th Revised Sheet No. 89

AVAILABILITY
Available for power service for the operation of municipal fire and civil defense warning sirens having a rated capacity not in excess of 25 horsepower.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE
Per Month per Horsepower of Connected Capacity $0.84 R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

MONTHLY MINIMUM CHARGE
Net per Month $3.98 R

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

CONNECTION
Under the above rate, the Company will make no extension for service other than a normal service span. Where conditions are such that a long service connection or extra transformer capacity, or both, are necessary, the customer shall either pay the entire cost of such extra equipment or pay a monthly facilities charge based on such costs.

The circuit serving the siren must be in conduit from the entrance to the motor with an enclosed entrance switch box, which may be sealed and operated from an external appliance.

OPTIONAL
In case the customer already has a service connection of sufficient capacity to permit operation of the siren without unduly disturbing conditions on the Company's nearby circuits, the siren may be connected at the option of the customer on the load side of the customer's existing meter and the commercial rate applied to the total load.

STANDBY SERVICE RIDER

AVAILABILITY

Applicable to customers that use a customer-sited generation source with a capacity greater than 100 kW to serve a defined portion of the customer's total electric energy requirements and where customer chooses to use the Company's electric service to serve that defined load when the customer-sited generation is either partly or wholly unavailable. Customer must select one of the following services types: Firm Unscheduled Maintenance, Firm Scheduled Maintenance, or Non-Firm service. This Rider is not available to solar photovoltaic generation systems and is closed to new wind generation systems.

Under this tariff the Company will provide Standby Service in accordance with the provisions of this tariff as well as those of Section 2.4 of the General Rules and Regulations.

RATE

	Firm Standby		Non-Firm	
	Unscheduled Maintenance	Scheduled Maintenance	Standby	
Customer Charge per Month	$25.99	$25.99	$25.99	R
Reservation Demand Charge per Month per kW of Contracted Standby Capacity				
Secondary Voltage Service	$3.86	$3.76	$2.95	R
Primary Voltage Service	$3.16	$3.06	$2.25	R
Transmission Transformed Voltage Service	$1.76	$1.66	$0.85	R
Transmission Voltage Service	$0.91	$0.81	$0.00	R
Peak Period Standby Energy Surcharge per kWh				
June – September		$0.07819		R
Other Months		$0.05480		R

Energy Charge per kWh. All energy used under this Rider will be charged at the applicable energy rate of the base tariff to which this Rider is attached and is not applicable to the base tariff Energy Charge Credit.

STANDBY ENERGY USAGE

Standby energy usage occurs when the customer-sited generation source output in kW is less than contracted standby kW capacity. Standby energy usage in kWh is measured in 15-minute intervals and is defined as the kWh energy associated with constant operation of customer-sited generation at the contract standby kW capacity level less actual energy production of customer-sited generation, but not less than zero kWh for each 15-minute interval. Actual energy production of customer-sited generation will be measured by Company-owned and installed production metering equipment.

(Continued on Sheet No. 5-101.1)

AVAILABILITY

Applicability of Supplemental Service is similar to that of Standby Service Rider, where customers with an alternative generation source greater than 60 kW, which serves all or a portion of the customer's electric energy requirements and where customer chooses to use the Company's electric service when the alternative generation is either partly or wholly unavailable.

Specifically, Supplemental Service is targeted at applications where the output of the alternative generation is designed primarily to meet the customer's thermal-load requirements and as such, the generator's electric energy output is variable because it is dependent on the customer's thermal requirements.

The normal expectation of this Rider is that the customer will contract for a firm portion of their backup supply from the Company under the Standby Service Rider and will contract for the variable portion under this Supplemental Generation Service Rider. Each customer request for service under this Rider will be evaluated on a customer specific basis to determine eligibility.

Under this service, the Company will provide Supplemental Generation Service in accordance with the provisions of the General Rules and Regulations, Section 2.4.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RESERVATION RATES

Customer Charge per Month	$26.00	R
Demand Charge per Month per kW of Contracted Supplemental Service		
Secondary Voltage Service	$4.33	R
Primary Voltage Service	$3.63	R
Transmission Transformed Voltage Service	$2.23	R
Transmission Voltage Service	$1.38	R

USAGE RATES

Demand Charge per Month per kW of Supplemental Generation Capacity Used. There will be no Usage Rate demand charge for Supplemental capacity actually used under this Rider except if that capacity is used during one of the Company's energy controlled or peak controlled interrupt periods. In such case, the demand will be charged as described below.

Energy Charge per kWh of Supplemental Generation Energy Used. Energy actually used under this Rider during normal time periods will be charged at the same energy and fuel cost charges as contained in the base tariff to which this Rider is attached. However, if energy is used during one of the Company's energy controlled or peak controlled interrupt periods, the energy will be charged as described below.

(Continued on Sheet No. 5-109)

TIER 1 ENERGY CONTROLLED SERVICE RIDER Section No. 5
RATE CODE A27 14th Revised Sheet No. 115

AVAILABILITY
Availability is restricted to customers who are taking service on the Tier 1 option of the Peak Controlled Time of Day Service.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RATE
The rates and provisions of Tier 1 of the Peak Controlled Time of Day Service schedule shall apply except that the on peak and off peak energy charges for secondary voltage are replaced as follows:

Energy Charge per kWh

Firm On Peak Period Energy	$0.07144	R
Firm Off Peak Period Energy	$0.03370	R
Controllable On Peak Period Energy	$0.06912	R
Controllable Off Peak Period Energy	$0.03334	R
Control Period Energy	$0.09000	

TERMS AND CONDITIONS OF SERVICE

1. Failure to Control Charge: Except as provided for under Control Period Energy Service described below, the following charges will apply in any month customer fails to control load to Predetermined Demand Level or fails to control the full amount of their fixed Controllable Demand under the Optional PDL:
   a. An additional charge of $10.00 per kW will apply during each Company specified control period to the amount by which customer's Maximum Adjusted Demand exceeds their Predetermined Demand Level, and
   b. The Control Period Energy charge will apply to the energy used during the control period that is associated with the customer's Controllable Demand.

   After three such customer failures to control load to their Predetermined Demand Level, Company reserves the right to increase the Predetermined Demand Level or remove customer from Tier 1 Energy Controlled Service Rider and apply the cancellation charge specified in customer's Electric Service Agreement.

(Continued on Sheet No. 5-116)

PHOTOVOLTAIC DEMAND CREDIT RIDER
RATE CODE A85 (CLOSED)
RATE CODE A86

AVAILABILITY – GENERAL
Applicable by customer request to demand-metered commercial and industrial customers that use Solar Photovoltaic as a customer-sited generation source with a capacity greater than 40 kW (AC) with a single production meter to serve all or a portion of customer's electric energy requirements. Not available to customer-sited generation that is the subject of another incentive program such as Solar*Rewards.

AVAILABILITY – CLOSED RATE
Availability of the closed rate is limited to qualifying customer account locations that: 1) were receiving Standby Service Rider tariff service with the Photovoltaic Solar Credit on the date this Rider was originally approved by the Commission, or 2) have enrolled by submitting to the Company a complete interconnection application for a planned qualifying generation source before February 14, 2020. The closed rate will expire April 20, 2027. After expiration of the closed rate, the applicable standard rate will replace the closed rate.

The standard rate will apply to customer account locations that do not qualify for the closed rate. The standard rate may be revised at any time subject to approval by the Commission.

RATE R

Customer Charge per Month	$25.99	
Credit per kWh of Peak Period Solar Photovoltaic Generation (A85 - Closed)	$0.071390	T
Credit per kWh of Peak Period Solar Photovoltaic Generation (A86 - Standard)	$0.069648	R

CREDIT KWH LIMIT
The maximum kWh applied to the Rider credit per kWh each billing period is the Peak Period maximum 15-minute Solar Photovoltaic kW output for the billing period times 100 hours for billing periods ending in the months of June, July, August or September and 75 hours for billing periods ending in other months.

CREDIT LIMIT
The maximum credit for each billing period is the applicable standard or on-peak billed demand charge from the base tariff associated with this Rider. For Peak-Controlled Service and Peak-Controlled Time of Day Service customers, the maximum credit for each billing period is the billed demand charge for Firm Demand.

DEFINITION OF PEAK PERIOD
Peak period hours are the six hours between 1:00 p.m. and 7 p.m. for all days.

TERMS AND CONDITIONS OF SERVICE
1. Customer will execute an Electric Service Agreement with the Company that will specify:
   a) The base tariff associated with this Rider, and
   b) The installed capacity (AC) of customer's Solar Photovoltaic generation.
2. Company will install, own, and maintain the metering to measure the electric power and energy supplied by customer generation to allow for proper billing of the customer under this Rider. If, as a result of the customer's construction and installation of their generating facility, it is more practical for the customer to install some or all of the metering equipment required, the customer may be permitted to do so, subject to Company's approval of such equipment.
3. Company reserves the right to limit availability of this Rider to customer situations where the Solar Photovoltaic generation used by customer does not significantly affect the monthly peak demand of customer.
4. For Solar Photovoltaic generation, this Rider supersedes other Standby Service tariff provisions.

2023 Proposed Tariffs
Redline

RESIDENTIAL SERVICE Section No. 5
RATE CODE A00, A01, A03 ~~31st~~32nd Revised Sheet No. 1

AVAILABILITY
Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Standard	Electric Space Heating	
Customer Charge per Month – Water Heating (A00)	$0.00	N/A	
– Overhead (A01)	~~$8.00~~$9.50	~~$10.00~~$11.50	R
– Underground (A03)	~~$10.00~~$11.50	~~$12.00~~$13.50	R
Energy Charge per kWh			
June - September	~~$0.10301~~$0.13802	~~$0.10301~~$0.13802	R
Other Months	~~$0.08803~~$0.12042	~~$0.05988~~$0.08746	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

(Continued on Sheet No. 5-1.1)

RESIDENTIAL TIME OF DAY SERVICE Section No. 5
RATE CODE A02, A04 ~~31st~~32nd Revised Sheet No. 2

AVAILABILITY
Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Standard	Electric Space Heating	
Customer Charge per Month			
Overhead (A02)	~~$10.00~~$11.50	~~$12.00~~$13.50	R
Underground (A04)	~~$12.00~~$13.50	~~$14.00~~$15.50	R
On Peak Period Energy Charge per kWh			
June - September	~~$0.20497~~$0.27229	~~$0.20497~~$0.27229	R
Other Months	~~$0.16508~~$0.22566	~~$0.09284~~$0.14267	R
Off Peak Period Energy Charge per kWh			
June - September	~~$0.04170~~$0.05662	~~$0.04170~~$0.05662	R
Other Months	~~$0.04170~~$0.05662	~~$0.04170~~$0.05662	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-3)

RESIDENTIAL TIME OF USE PILOT PROGRAM Section No. 5
SERVICE ~~1st~~2nd Revised Sheet No. 4.1
RATE CODE A72, A74

PILOT PROGRAM DESIGN
This is an experimental rate design for the residential Time of Use Pilot Program to be applied for two years from the effective date of this rate schedule. Participating customers will have received Residential Service without electric space heating prior to the Pilot, and may elect a return to the Residential Service rate schedule following the Pilot.

AVAILABILITY
A maximum of 10,000 customers will be selected to receive service with this rate schedule. The Company will determine pilot participants that receive service through the Hiawatha West, Midtown, or Westgate substations. Pilot participants will not include customers that are on net metering service or have other interconnected distributed generation on their premise, or customers that also receive Energy Controlled (Non-Demand Metered) Service, Residential Electric Vehicle Service, Limited Off-Peak Service, or customers that are medical equipment-dependent. Pilot participants may elect to opt out of participation in this Pilot for a specific premise.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Bill Protection may also apply. Details regarding the specific charges applicable to this service and Bill Protection are listed below.

RATE

Customer Charge per Month		
Overhead (A72)	~~$8.00~~$9.50	R
Underground (A74)	~~$10.00~~$11.50	R
Energy Charge per kWh		
June – September		
On-Peak Period	~~$0.22576~~$0.28882	R
Mid-Peak Period	~~$0.09013~~$0.12004	R
Off-Peak Period	~~$0.02784~~$0.04363	R
Other Months		
On-Peak Period	~~$0.19266~~$0.25808	R
Mid-Peak Period	~~$0.07515~~$0.10557	R
Off-Peak Period	~~$0.02784~~$0.04363	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

(Continued on Sheet No. 5-4.2)

RESIDENTIAL ELECTRIC VEHICLE SERVICE Section No. 5
RATE CODE A08 ~~19th~~20th Revised Sheet No. 5

AVAILABILITY
Available to residential customers for service only to electric vehicle loads including battery charging and accessory usage. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CHARACTER OF SERVICE
Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$4.95~~$5.50	R
On-Peak Period Energy Charge per kWh		
June - September	~~$0.20497~~$0.27229	R
Other Months	~~$0.16508~~$0.22566	R
Off-Peak Period Energy Charge per kWh	~~$0.04170~~$0.05662	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-6)

AVAILABILITY
Available while this Pilot Service is in effect to Residential Service customers for service only to electric vehicle loads including battery charging and accessory usage. Bundled service includes Company installed and provided charging equipment. Pre-Pay Option service is available to customers electing to pay Company for the installed cost of charging equipment prior to beginning service with this tariff. Customers electing Pre-Pay Option service are separately invoiced at the time of installation. The customer must complete Company-approved documentation verifying possession, through ownership or lease, of an electric vehicle as defined in Section 169.011, subdivision 26a of Minnesota law.

CONTRACT
Customers must contract for this service through an Electric Vehicle Pilot Electric Service Agreement with the Company. The initial contract period will normally be for 24 months.

CHARACTER OF SERVICE
Single-phase 60-Hertz service at approximately 120 or 120/240 volts will be provided hereunder. Three-phase service or other service upgrade requests will be provided in accordance with Company service regulations.

RENEWABLE ENERGY SUPPLY OPTION
Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (Windsource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and /or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month		
Bundled (A80)	$17.47	
Pre-Pay Option (A81)	$7.10	
On-Peak Period Energy Charge per kWh		
June - September	~~$0.20497~~$0.27229	R
Other Months	~~$0.16508~~$0.22566	R
Off-Peak Period Energy Charge per kWh	~~$0.04170~~$0.05662	R

PRE-PAY OPTION
The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

(Continued on Sheet No. 5-8)

RESIDENTIAL ELECTRIC VEHICLE SUBSCRIPTION PILOT SERVICE (Continued)
RATE CODE A82, A83

RATE ~~N~~

Customer Charge per Month

General System Energy	
Bundled (A82)	$43.63
Pre-Pay Option (A83)	$33.22
Renewable Energy (Windsource)	
Bundled (A82)	$46.15
Pre-Pay Option (A83)	$35.74

Excess On-Peak Period Energy Charge per kWh

June - September	~~$0.20497~~$0.27229	R
Other Months	~~$0.16508~~$0.22566	R

PRE-PAY OPTION

The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE

The monthly customer charge includes preset fuel charges for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT

The monthly customer charge includes a preset Resource Adjustment charge for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE

Customer Charge.

SURCHARGE

In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE

Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5. ~~N~~

(Continued on Sheet No. 5-8.3)

ENERGY CONTROLLED SERVICE
(NON-DEMAND METERED)
RATE CODE A05

Section No. 5
~~30th~~31st Revised Sheet No. 9

AVAILABILITY
Available to residential and commercial customers with permanently connected interruptible loads of up to 50 kW that would be under Company control. The types of loads served would include dual fuel space heating, water heating, and other loads subject to Company approval.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Residential	Commercial & Industrial	
Customer Charge	~~$4.95~~$5.50	~~$4.95~~$5.50	R
Energy Charge per kWh	~~$0.04487~~$0.07141	~~$0.04487~~$0.07141	R
Optional			
June - September	~~$0.10301~~$0.13802	~~$0.09256~~$0.11834	R
Other Months	~~$0.04487~~$0.07141	~~$0.04487~~$0.07141	R

OPTIONAL ENERGY CHARGE
This option is available to customers with heat pump installations for non-interruptible service during June through September billing months.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-10)

LIMITED OFF PEAK SERVICE Section No. 5
RATE CODE A06 ~~33rd~~34th Revised Sheet No. 11

AVAILABILITY
Available to any customers for controlled loads that will be energized only for the time period between 10:00 p.m. to 6:30 a.m. daily.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Residential	Commercial & Industrial	
Customer Charge per Month			
Secondary Voltage			
Single Phase	~~$4.95~~$5.50	~~$10.00~~$11.00	R
Three Phase	--	~~$13.60~~$15.00	R
Primary Voltage	--	$60.00	
Transmission Transformed	--	$60.00	
Transmission	--	$60.00	
Energy Charge per kWh			
Secondary Voltage	~~$0.03665~~$0.05147	~~$0.03665~~$0.05147	R
Primary Voltage	--	~~$0.03560~~$0.05015	R
Transmission Transformed	--	~~$0.03398~~$0.04834	R
Transmission	--	~~$0.03388~~$0.04823	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-11.1)

MONTHLY MINIMUM CHARGE
For all customers, the minimum charge shall be the applicable customer charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

TERMS AND CONDITIONS OF SERVICE

1. Limited Off Peak Service shall be separately served and metered and must at no time be connected to facilities serving customer's other loads.

2. Company will not be liable for any loss or damage caused by or resulting from any interruption of service.

3. Customer selecting Limited Off Peak Service must remain on this service for a minimum term of one year, unless customer transfers to another interruptible service rate.

4. Customer has the option of directly controlling own load or allowing Company load control. If customer chooses Company load control, customer must:
   a. Provide a load-break switch or circuit breaker equipped with electronic trip and close circuits allowing for remote operation of customer's switch or circuit breaker by Company,
   b. Wire the trip and close circuits into a connection point designated by Company to allow installation of remote control equipment by Company, and
   c. Provide a continuous 120 volt AC power source at the connection point for operation of Company's remote control equipment.

5. A charge of ~~$0.360~~$0.444 per kWh shall be applied to non-authorized energy used outside of the energized time period specified in this tariff. If this energy use occurs during three or more billing months, the Company reserves the right to remove customer from Limited Off Peak Service. R

6. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditures for facilities necessary to serve this load which would not otherwise be required to serve customer's load.

AUTOMATIC PROTECTIVE LIGHTING SERVICE Section No. 5
RATE CODE A07 ~~24th~~25th Revised Sheet No. 14

AVAILABILITY
Available to all types of customers except for municipal street lighting purposes.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp (Lumens)	Monthly Rate Per Unit	~~N~~
Area Units		
100W High Pressure Sodium	~~$7.41~~$10.20	R
175W Mercury (1)	~~$7.41~~$10.20	R
250W High Pressure Sodium	~~$11.83~~$16.59	R
400W Mercury (1)	~~$11.83~~$16.59	R
30-45W Light Emitting Diode (4,000)	~~$7.28~~$9.81	~~N~~R
110-165W Light Emitting Diode (14,000)	~~$11.33~~$15.47	~~N~~R
Directional Units		
250W High Pressure Sodium	~~$14.08~~$19.02	R
400W High Pressure Sodium	~~$17.62~~$24.01	R
1,000W Mercury (1)	~~$27.33~~$29.06	R

(1) Available to existing installations only.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

SERVICE INCLUDED IN RATE
Company shall own, operate, and maintain the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets, and all necessary wiring. Company shall furnish all electric energy required for operation of the unit.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

(Continued on Sheet No. 5-15)

AVAILABILITY
Standard service (i.e., alternating current) is available to any non-residential customer for single or three phase electric service. Direct Current service is only available in Minneapolis and St. Paul to the extent now used.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Unmetered (A09)	~~$8.00~~$9.50	R
– Metered (A10)	~~$10.00~~$11.50	R
– Water Heating (A11)	$0.00	
– Direct Current (A13)	~~$10.00~~$11.50	R
Energy Charge per kWh		
June - September	~~$0.09256~~$0.11834	R
Other Months	~~$0.07757~~$0.010073	R
Demand Charge (Direct Current Only) per Month per kW of Connected Load	~~$3.61~~$4.10	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-22)

SMALL GENERAL TIME OF DAY SERVICE Section No. 5
RATE CODE A12, A16, A18, A22 ~~31st~~32nd Revised Sheet No. 23

AVAILABILITY
Available to any non-residential customer for single or three phase electric service supplied through one meter.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Time Of Day Metered (A12)	~~$12.00~~$13.50	R
– kWh Metered (A16)	~~$10.00~~$11.50	R
– Unmetered (A18)	~~$8.00~~$9.50	R
– Low Wattage (A22)	(Please see page 5-24.1)	

Energy Charge per kWh	Oct-May	Jun-Sep	
On Peak Period (A12)	~~$0.11723~~$0.15106	~~$0.14880~~$0.1888	R
Off Peak Period (A12)	~~$0.04170~~$0.05662	~~$0.04170~~$0.05662	R
Constant Hourly (A16, A18, A22) (= 35% On, 65% Off)	~~$0.06814~~$0.08967	~~$0.07919~~$0.10288	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

(Continued on Sheet No. 5-24)

TERMS AND CONDITIONS OF SERVICE (Continued)

demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small General Time of Day Service schedule.

3. Optional Metering Service: Optional metering is available subject to the provisions in the General Rules and Regulations, Section 1.5, for the following applications:

   a. Kilowatt-hour Metered Service: For applications where a non-time of day meter is used, the time of day metering charge will be waived and the applicable lower monthly Customer Charge shall apply.

   b. Unmetered Service: For applications where no metering is installed, the applicable lower monthly Customer Charge shall apply. If requested by Company, the customer agrees to receive one or more combined bills for all their unmetered service locations. For purposes of applying the appropriate customer service charge, one customer service charge shall be applied for every point of delivery. A point of delivery shall be any location where a meter would otherwise be required under this schedule.

   c. Low Wattage Unmetered Service: For applications where customer owns and operates multiple electronic devices in at least 500 locations within Company's Minnesota electric service area. Such electronic devices are: 1) individually located at each point of delivery, 2) rated at less than 400 Watts, and 3) operated with a continuous and constant load level year round. Each individual electronic device must not in any way interfere with Company operations and service to adjacent customers. This optional metering service is not applicable to electric service for traffic signals, civil defense, or lighting. Company reserves the right to evaluate customer requests for this optional metering service to determine eligibility.

      The monthly fixed charge under this optional metering service shall be ~~$0.30~~ $0.34 per device for devices with a rating of 100 Watts or less. For devices with a rating over 100 Watts but less than 400 Watts, the monthly fixed charge shall be ~~$1.20~~$1.34 per device. R R

      In place of metered usage for each device, customer will be billed for the predetermined energy usage in kWh per device. The energy charge shall equal the sum of the predetermined energy usage for customer's low wattage devices in service for the billing month multiplied by the Constant Hourly Energy Charge applicable for the billing month.

      Customer shall contract for this optional metering service through an electric service agreement with Company.

AVAILABILITY
Available to any non-residential customer for general service where customer is not required to be on a time-of-day rate schedule. Once the customer's 15-minute measured demands are equal to or greater than 1,000 kW for at least 4 of the past 12 consecutive months, the customer will be transferred to the General Time of Day service.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$25.64~~$25.99		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW	~~$10.49~~$13.75	~~$14.79~~$18.36	R
Energy Charge per kWh	~~$0.03407~~$0.04956		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	~~$0.01518~~$0.01847		R

	January – December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00132	R
Transmission Transformed Voltage	~~$1.55~~$2.10	~~$0.00267~~$0.00313	R
Transmission Voltage	~~$2.35~~$2.95	~~$0.00277~~$0.00324	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

(Continued on Sheet No. 5-27)

GENERAL TIME OF DAY SERVICE
RATE CODE A15, A17, A19

Section No. 5
~~27th~~28th Revised Sheet No. 29

AVAILABILITY-MANDATORY

Effective November 1, 2007, this rate schedule is mandatory for any non-residential customer for general service having a 15-minute measured demand equal to or greater than 1,000 kW for at least 4 of the past 12 consecutive months. Customer will remain on this rate schedule on a mandatory basis unless their demand remains below 1,000 kW for 12 consecutive months.

AVAILABILITY-OPTIONAL

This rate schedule is optional for any non-residential customer for general service where customer is not required to be on a time-of-day rate.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month – Time Of Day Metered (A15)	~~$29.64~~$29.99		R
-- kWh Metered (A17)	~~$25.64~~$25.99		R
-- Unmetered (A19)	~~$21.64~~$21.99		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW			
On Peak Period Demand	~~$10.49~~$13.75	~~$14.79~~$18.36	R
Off Peak Period Demand in Excess of On Peak Period Demand	~~$2.35~~$2.95	~~$2.35~~$2.95	R
Energy Charge per kWh			
On Peak Period Energy	~~$0.04855~~$0.07144		R
Off Peak Period Energy	~~$0.02341~~$0.03370		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the On Peak Period Billing Demand, Not to Exceed 50% of Total kWh	~~$0.01518~~$0.01847		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00132	R
Transmission Transformed Voltage	~~$1.55~~$2.10	~~$0.00267~~$0.00313	R
Transmission Voltage	~~$2.35~~$2.95	~~$0.00277~~$0.00324	R

(Continued on Sheet No. 5-30)

PEAK CONTROLLED SERVICE Section No. 5
RATE CODE A23 ~~22nd~~23rd Revised Sheet No. 40

AVAILABILITY

Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company and where customer is not required to be on a time-of-day rate schedule. Once the customer's total 15-minute measured demands (Firm plus Controllable) are equal to or greater than 1000 kW for at least 4 of the past 12 consecutive months, the customer will be transferred to the Peak Controlled Time of Day service. Availability is restricted to customers with a minimum Controllable demand of 50 kW.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$55.00~~$60.00		R
Service at Secondary Voltage			
Energy Charge per kWh	~~$0.03407~~$0.04956		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours	~~$0.01518~~$0.01847		R
Times the Sum of All Billing Demands			
Demand Charge per Month per kW	Tier 1	Tier 2	
Firm Demand			
June - September	~~$14.79~~$18.36	~~$14.79~~$18.36	R
Other Months	~~$10.49~~$13.75	~~$10.49~~$13.75	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	~~$8.88~~$12.16	R
Level B: ≥ 65% and < 85% PF	~~$7.15~~$10.29	~~$7.86~~$11.03	R
Level C: ≥ 85% PF	~~$6.56~~$9.67	~~$7.34~~$10.49	R
Short Notice Rider	~~$6.09~~$9.17	Not Available	R

	January – December		
Voltage Discounts per Month	Per Kw	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00132	R
Transmission Transformed Voltage	~~$1.55~~$2.10	~~$0.00267~~$0.00313	R
Transmission Voltage	~~$2.35~~$2.95	~~$0.00277~~$0.00324	R

(Continued on Sheet No. 5-41)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
RATE CODE A24 ~~17th~~18th Revised Sheet No. 44

AVAILABILITY
Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company. Availability is restricted to customers with a minimum controllable demand of 50 kW.

AVAILABILITY-MANDATORY
Effective November 1, 2007, this rate schedule is mandatory for any Peak Controlled customer having a 15-minute measured demand equal to or greater than 1000 kW for at least 4 of the past 12 consecutive months. Customer will remain on this rate schedule on a mandatory basis unless their demand remains below 1000 kW for 12 consecutive months.

AVAILABILITY-OPTIONAL
This rate schedule is optional for any non-residential customer for general service where customer is not required to be on a time-of-day rate.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Month	~~$55.00~~$60.00	R
Service at Secondary Voltage		
Energy Charge per kWh		
On Peak Period Energy	~~$0.04855~~$0.07144	R
Off Peak Period Energy	~~$0.02341~~$0.03370	R
Energy Charge Credit per Month per kWh		
All kWh in Excess of 400 Hours Times the Sum of All On Peak Period Billing Demands, Not to Exceed 50% of Total kWh	~~$0.01518~~$0.01847	R

(Continued on Sheet No. 5-45)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
(Continued) ~~25th~~26th Revised Sheet No. 45
RATE CODE A24

RATE (Continued)

Demand Charge per Month per kW	Tier 1	Tier 2	
On Peak Period Demand			
Firm Demand			
June - September	~~$14.79~~$	~~$14.79~~$	R
Other Months	~~$10.49~~$ $	~~$10.49~~$	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	~~$8.88~~$12.16	R
Level B: ≥ 65% and < 85% PF	~~$7.15~~$10.29	~~$7.86~~$11.03	R
Level C: ≥ 85% PF	~~$6.56~~$9.67	~~$7.34~~$10.49	R
Short Notice Rider	~~$6.09~~$9.17	Not Available	R
Off Peak Period Demand in Excess of On Peak Period Demand (Jan-Dec)	~~$2.35~~$2.95	~~$2.35~~$2.95	R

	January – December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00132	R
Transmission Transformed Voltage	~~$1.55~~$2.10	~~$0.00267~~$0.00313	R
Transmission Voltage	~~$2.35~~$2.95	~~$0.00277~~$0.00324	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 5-46)

AVAILABILITY
Available to the Metropolitan Council's light rail transit lines for all electric power and energy required by its Traction Station service locations. Traction Stations will be aggregated as lines as they are put into service. Traction Stations common to more than one line will be aggregated with the line with which they were originally put into service.

RATE

Customer Charge per Month per Traction Station		$100.00	
Transmission and Distribution Demand Charge per Month per kW			
All Traction Station On Peak Non-Coincident Billing Demands		~~$5.28~~$8.05	R
Off Peak Period Non-Coincident Demand in Excess of On Peak Period Non-Coincident Demand		~~$1.55~~$2.25	R
Generation Demand Charge per Month per kW	Oct-May	Jun-Sep	
Rail Line On Peak Coincident Billing Demand	~~$4.41~~$5.00	~~$8.71~~$9.61	R
Energy Charge per kWh			
On Peak Period Energy		~~$0.04750~~$0.07012	R
Off Peak Period Energy		~~$0.02236~~$0.03238	R
Energy Charge Credit per Month per kWh			
All Energy in Excess of 400 Hours Times the On Peak Period Coincident Billing Demand, Not to Exceed 50% of the Energy		~~$0.01303~~$0.0159	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE ~~R~~
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 5-72)

STREET LIGHTING SYSTEM SERVICE Section No. 5
RATE CODE A30 ~~26th~~27th Revised Sheet No. 74

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by High Pressure Sodium (HPS), Metal Halide or Light Emitting Diode (LED) luminaires supported on poles, where the facilities for this service are furnished by Company. Underground Service under this schedule is limited to areas having a Company owned underground electric distribution system. Standard Service includes a monthly payment for the lighting system cost. Pre-Pay Option requires customer payment for the lighting system cost before establishing service.

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

		Monthly Rate Per Luminaire				
		Standard Service			Pre-Pay	
Designation of Lamp	(Lumens)	Overhead	Underground	Decorative	Option	
70W High Pressure Sodium		~~$9.63~~$13.05	~~$19.54~~$24.85	--	~~$5.97~~$7.73	R
100W High Pressure Sodium		~~$10.17~~$13.73	~~$20.07~~$25.52	~~$31.67~~$39.34	~~$6.66~~$8.52	
150W High Pressure Sodium		~~$10.95~~$14.84	~~$20.86~~$26.64	~~$32.84~~$40.75	~~$7.54~~$9.60	
200W High Pressure Sodium*		~~$12.88~~$16.99	--	--	--	
250W High Pressure Sodium		~~$13.87~~$18.28	~~$23.38~~$29.78	~~$34.89~~$43.53	~~$9.61~~$12.20	
400W High Pressure Sodium		~~$16.85~~$22.21	~~$26.06~~$33.49	~~$37.38~~$47.10	~~$12.42~~$15.66	
175W Metal Halide		~~$14.98~~$18.73	~~$27.90~~$34.07	~~$37.38~~$47.10	~~$13.54~~$16.59	
30-40W Light Emitting Diode	(*4,000*)	~~$10.32~~$13.30	~~$20.22~~$25.09	--	~~$4.90~~$6.59	
50-75W Light Emitting Diode	(*6,000*)	~~$11.01~~$14.09	~~$20.91~~$25.88	--	~~$5.49~~$7.24	
110-165W Light Emitting Diode	(*14,000*)	~~$14.46~~$17.76	~~$23.96~~$29.26	--	~~$7.05~~$9.10	
200-250W Light Emitting Diode	(*25,000*)	~~$17.98~~$21.66	~~$27.19~~$32.94	--	~~$8.93~~$11.21	R

*Closed to new customers

(Continued on Sheet No 5-74.1)

STREET LIGHTING ENERGY SERVICE (CLOSED) Section No. 5
RATE CODE A32 ~~25th~~26th Revised Sheet No. 76

AVAILABILITY
Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns a Company approved ornamental street lighting system complete with standards, luminaires with globes, lamps, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's facilities as designated by Company. Service is limited to existing lighting systems being served under this schedule.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp (Lumens)	Monthly Rate per Luminaire	
100W Mercury	~~$2.45~~$3.18	R
175W Mercury	~~$3.64~~$4.76	
250W Mercury	~~$4.94~~$6.46	
400W Mercury	~~$7.69~~$10.09	
700W Mercury	~~$12.78~~$16.81	
1,000W Mercury	~~$17.77~~$23.41	
50W High Pressure Sodium	~~$1.37~~$1.75	
70W High Pressure Sodium	~~$1.73~~$2.23	
100W High Pressure Sodium	~~$2.29~~$2.98	
150W High Pressure Sodium	~~$3.14~~$4.10	
200W High Pressure Sodium	~~$4.18~~$5.47	
250W High Pressure Sodium	~~$5.28~~$6.92	
400W High Pressure Sodium	~~$8.03~~$10.55	
750W High Pressure Sodium	~~$13.78~~$18.14	R
F72HO Fluorescent	~~$3.61~~$3.93	R
<30W Light Emitting Diode (2,500)	~~$1.06~~$1.12	~~N~~R
30-45W Light Emitting Diode (4,000)	~~$1.34~~$1.42	~~N~~R
50-75W Light Emitting Diode (6,000)	~~$1.85~~$1.96	~~N~~R
110-165W Light Emitting Diode (14,000)	~~$3.44~~$3.77	~~N~~R
200-250W Light Emitting Diode (25,000)	~~$5.14~~$5.63	~~N~~R

(Continued on Sheet No. 5-77)

STREET LIGHTING ENERGY SERVICE - METERED Section No. 5
RATE CODE A34 ~~29th~~30th Revised Sheet No. 78

AVAILABILITY
Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns and maintains an ornamental street lighting system complete with standards, luminaires with globes, lamps, photocells, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's meter as designated by Company.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Customer Charge per Meter per Month	~~$5.00~~$5.50	R
Energy Charge per kWh	~~$0.04534~~$0.05984	R

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

(Continued on Sheet No. 78.1)

AVAILABILITY
Available to the City of St. Paul for furnishing, maintaining, and operating certain electrical connections, lines, and appurtenances thereto, and supplying electric current for city street lighting.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Designation of Lamp	Monthly Rate per Luminaire	
100W High Pressure Sodium	~~$5.48~~$6.71	R
150W High Pressure Sodium	~~$6.14~~$7.57	R
250W High Pressure Sodium	~~$8.60~~$10.18	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 5-81)

SMALL MUNICIPAL PUMPING SERVICE Section No. 5
RATE CODE A40 ~~30th~~31st Revised Sheet No. 85

AVAILABILITY
Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants. (Rate schedule is applied separately to each delivery point.)

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	Oct-May	Jun-Sep	
Customer Charge per Month	~~$10.00~~$11.50	~~$10.00~~$11.50	R
Energy Charge per kWh	~~$0.07757~~$0.10073	~~$0.09256~~$0.11834	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE
Customer Charge.

SURCHARGE
In certain communities, bills are subject to surcharges provided for in a Surcharge Rider.

LOW INCOME ENERGY DISCOUNT RIDER
Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

(Continued on Sheet No. 5-86)

MUNICIPAL PUMPING SERVICE Section No. 5
RATE CODE A41 ~~31st~~32nd Revised Sheet No. 87

AVAILABILITY
Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants. (Rate schedule is applied separately to each delivery point.)

RATE

Customer Charge per Month	~~$25.64~~$25.99		R
	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW	~~$10.49~~$13.75	~~$14.79~~$18.36	R
Energy Charge per kWh	~~$0.03407~~$0.04956		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	~~$0.01518~~$0.01847		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.80~~$0.70	~~$0.00105~~$0.00132	R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

FUEL CLAUSE
Bills are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT
Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER
Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

(Continued on Sheet No. 5-88)

FIRE AND CIVIL DEFENSE SIREN SERVICE Section No. 5
RATE CODE A42 ~~14th~~15th Revised Sheet No. 89

AVAILABILITY
Available for power service for the operation of municipal fire and civil defense warning sirens having a rated capacity not in excess of 25 horsepower.

DETERMINATION OF CUSTOMER BILLS
Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE
Per Month per Horsepower of Connected Capacity ~~$0.76~~$0.84 R

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

MONTHLY MINIMUM CHARGE
Net per Month ~~$3.66~~$3.98 R

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE
Any unpaid balance over $10.00 is subject to a 1.5% late payment charge or $1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

CONNECTION
Under the above rate, the Company will make no extension for service other than a normal service span. Where conditions are such that a long service connection or extra transformer capacity, or both, are necessary, the customer shall either pay the entire cost of such extra equipment or pay a monthly facilities charge based on such costs.

The circuit serving the siren must be in conduit from the entrance to the motor with an enclosed entrance switch box, which may be sealed and operated from an external appliance.

OPTIONAL
In case the customer already has a service connection of sufficient capacity to permit operation of the siren without unduly disturbing conditions on the Company's nearby circuits, the siren may be connected at the option of the customer on the load side of the customer's existing meter and the commercial rate applied to the total load.

AVAILABILITY

Applicable to customers that use a customer-sited generation source with a capacity greater than 100 kW to serve a defined portion of the customer's total electric energy requirements and where customer chooses to use the Company's electric service to serve that defined load when the customer-sited generation is either partly or wholly unavailable. Customer must select one of the following services types: Firm Unscheduled Maintenance, Firm Scheduled Maintenance, or Non-Firm service. This Rider is not available to solar photovoltaic generation systems and is closed to new wind generation systems.

Under this tariff the Company will provide Standby Service in accordance with the provisions of this tariff as well as those of Section 2.4 of the General Rules and Regulations.

RATE

	Firm Standby		Non-Firm	
	Unscheduled Maintenance	Scheduled Maintenance	Standby	
Customer Charge per Month	~~$25.64~~$25.99	~~$25.64~~$25.99	~~$25.64~~$25.99	R
Reservation Demand Charge per Month per kW of Contracted Standby Capacity				
Secondary Voltage Service	~~$3.06~~$3.86	~~$2.96~~$3.76	~~$2.35~~$2.95	R
Primary Voltage Service	~~$2.26~~$3.16	~~$2.16~~$3.06	~~$1.55~~$2.25	R
Transmission Transformed Voltage Service	~~$1.51~~$1.76	~~$1.41~~$1.66	~~$0.80~~$0.85	R
Transmission Voltage Service	~~$0.71~~$0.91	~~$0.61~~$0.81	$0.00	R
Peak Period Standby Energy Surcharge per kWh				
June – September		~~$0.06312~~$0.07819		R
Other Months		~~$0.04130~~$0.05480		R

Energy Charge per kWh. All energy used under this Rider will be charged at the applicable energy rate of the base tariff to which this Rider is attached and is not applicable to the base tariff Energy Charge Credit.

STANDBY ENERGY USAGE

Standby energy usage occurs when the customer-sited generation source output in kW is less than contracted standby kW capacity. Standby energy usage in kWh is measured in 15-minute intervals and is defined as the kWh energy associated with constant operation of customer-sited generation at the contract standby kW capacity level less actual energy production of customer-sited generation, but not less than zero kWh for each 15-minute interval. Actual energy production of customer-sited generation will be measured by Company-owned and installed production metering equipment.

(Continued on Sheet No. 5-101.1)

AVAILABILITY

Applicability of Supplemental Service is similar to that of Standby Service Rider, where customers with an alternative generation source greater than 60 kW, which serves all or a portion of the customer's electric energy requirements and where customer chooses to use the Company's electric service when the alternative generation is either partly or wholly unavailable.

Specifically, Supplemental Service is targeted at applications where the output of the alternative generation is designed primarily to meet the customer's thermal-load requirements and as such, the generator's electric energy output is variable because it is dependent on the customer's thermal requirements.

The normal expectation of this Rider is that the customer will contract for a firm portion of their backup supply from the Company under the Standby Service Rider and will contract for the variable portion under this Supplemental Generation Service Rider. Each customer request for service under this Rider will be evaluated on a customer specific basis to determine eligibility.

Under this service, the Company will provide Supplemental Generation Service in accordance with the provisions of the General Rules and Regulations, Section 2.4.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RESERVATION RATES

Customer Charge per Month	~~$25.64~~$26.00	R
Demand Charge per Month per kW of Contracted Supplemental Service		
Secondary Voltage Service	~~$3.40~~$4.33	R
Primary Voltage Service	~~$2.60~~$3.63	R
Transmission Transformed Voltage Service	~~$1.85~~$2.23	R
Transmission Voltage Service	~~$1.05~~$1.38	R

USAGE RATES

Demand Charge per Month per kW of Supplemental Generation Capacity Used. There will be no Usage Rate demand charge for Supplemental capacity actually used under this Rider except if that capacity is used during one of the Company's energy controlled or peak controlled interrupt periods. In such case, the demand will be charged as described below.

Energy Charge per kWh of Supplemental Generation Energy Used. Energy actually used under this Rider during normal time periods will be charged at the same energy and fuel cost charges as contained in the base tariff to which this Rider is attached. However, if energy is used during one of the Company's energy controlled or peak controlled interrupt periods, the energy will be charged as described below.

(Continued on Sheet No. 5-109)

TIER 1 ENERGY CONTROLLED SERVICE RIDER Section No. 5
RATE CODE A27 ~~13th~~14th Revised Sheet No. 115

AVAILABILITY
Availability is restricted to customers who are taking service on the Tier 1 option of the Peak Controlled Time of Day Service.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

RATE
The rates and provisions of Tier 1 of the Peak Controlled Time of Day Service schedule shall apply except that the on peak and off peak energy charges for secondary voltage are replaced as follows:

Energy Charge per kWh

Firm On Peak Period Energy	~~$0.04855~~$0.07144	R
Firm Off Peak Period Energy	~~$0.02341~~$0.03370	R
Controllable On Peak Period Energy	~~$0.04647~~$0.06912	R
Controllable Off Peak Period Energy	~~$0.02280~~$0.03334	R
Control Period Energy	$0.09000	

TERMS AND CONDITIONS OF SERVICE

1. Failure to Control Charge: Except as provided for under Control Period Energy Service described below, the following charges will apply in any month customer fails to control load to Predetermined Demand Level or fails to control the full amount of their fixed Controllable Demand under the Optional PDL:
   a. An additional charge of $10.00 per kW will apply during each Company specified control period to the amount by which customer's Maximum Adjusted Demand exceeds their Predetermined Demand Level, and
   b. The Control Period Energy charge will apply to the energy used during the control period that is associated with the customer's Controllable Demand.

   After three such customer failures to control load to their Predetermined Demand Level, Company reserves the right to increase the Predetermined Demand Level or remove customer from Tier 1 Energy Controlled Service Rider and apply the cancellation charge specified in customer's Electric Service Agreement.

(Continued on Sheet No. 5-116)

PHOTOVOLTAIC DEMAND CREDIT RIDER
RATE CODE A85 (CLOSED)
RATE CODE A86

AVAILABILITY – GENERAL
Applicable by customer request to demand-metered commercial and industrial customers that use Solar Photovoltaic as a customer-sited generation source with a capacity greater than 40 kW (AC) with a single production meter to serve all or a portion of customer's electric energy requirements. Not available to customer-sited generation that is the subject of another incentive program such as Solar*Rewards.

AVAILABILITY – CLOSED RATE
Availability of the closed rate is limited to qualifying customer account locations that: 1) were receiving Standby Service Rider tariff service with the Photovoltaic Solar Credit on the date this Rider was originally approved by the Commission, or 2) have enrolled by submitting to the Company a complete interconnection application for a planned qualifying generation source before February 14, 2020. The closed rate will expire April 20, 2027. After expiration of the closed rate, the applicable standard rate will replace the closed rate. ~~C~~ | ~~C~~

The standard rate will apply to customer account locations that do not qualify for the closed rate. The standard rate may be revised at any time subject to approval by the Commission.

RATE
Customer Charge per Month ~~$25.75~~$25.99 R

Credit per kWh of Peak Period Solar Photovoltaic Generation (A85 - Closed)	$0.071390	T
Credit per kWh of Peak Period Solar Photovoltaic Generation (A86 - Standard)	$0.069648	R

CREDIT KWH LIMIT
The maximum kWh applied to the Rider credit per kWh each billing period is the Peak Period maximum 15-minute Solar Photovoltaic kW output for the billing period times 100 hours for billing periods ending in the months of June, July, August or September and 75 hours for billing periods ending in other months.

CREDIT LIMIT
The maximum credit for each billing period is the applicable standard or on-peak billed demand charge from the base tariff associated with this Rider. For Peak-Controlled Service and Peak-Controlled Time of Day Service customers, the maximum credit for each billing period is the billed demand charge for Firm Demand.

DEFINITION OF PEAK PERIOD
Peak period hours are the six hours between 1:00 p.m. and 7 p.m. for all days.

TERMS AND CONDITIONS OF SERVICE
1. Customer will execute an Electric Service Agreement with the Company that will specify:
   a) The base tariff associated with this Rider, and
   b) The installed capacity (AC) of customer's Solar Photovoltaic generation.
2. Company will install, own, and maintain the metering to measure the electric power and energy supplied by customer generation to allow for proper billing of the customer under this Rider. If, as a result of the customer's construction and installation of their generating facility, it is more practical for the customer to install some or all of the metering equipment required, the customer may be permitted to do so, subject to Company's approval of such equipment.
3. Company reserves the right to limit availability of this Rider to customer situations where the Solar Photovoltaic generation used by customer does not significantly affect the monthly peak demand of customer.
4. For Solar Photovoltaic generation, this Rider supersedes other Standby Service tariff provisions.