Summary List of 2016 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
Contact List	2-1		Updated contact name & title.
Index of Company's Service Area	3-1 thru 3-8		Various Service Area Updates.
Residential Service	5-1	A00, A01, A03	Rate changes.
Residential Time of Day Service	5-2	A02, A04	Rate changes.
Residential Electric Vehicle Service	5-5	A08	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.
Real Time Pricing Service	5-64, 5-66	A62 (Firm), A63 (Controllable)	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.

Summary List of 2016 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
Street Lighting – 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. Rate changes. 2. Ratio changes. 3. Administrative Correction: Added "Residential Electric Vehicle (A08)" to Rate Schedules by Service Category
Conservation Improvement Program Adjustment Rider	5-92, 5-92.1		Rate changes.
Low Income Energy Discount Rider	5-95		Added Proposed Senior/Medical Assistance Program Language
Standby Service Rider	5-101		Rate changes.
Supplemental Generation Service Rider	5-108		Rate changes.
Tier 1 Energy Controlled Service Rider	5-115		Rate changes.
Transmission Cost Recovery Rider	5-144		Administrative Correction: Deleted ", and (4) Street Lighting"

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CONTACT LIST

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Listed below is the name, title, address, and telephone numbers of Northern States Power Company personnel to be contacted in connection with:

All Matters Relating to Rates and Rules	Christopher B. Clark President, Northern States Power Company, a Minnesota corporation 414 Nicollet Mall Minneapolis, MN 55401 Telephone No. 1-800-328-8226	T T
Emergencies & Outages	1-800-895-1999	
24-Hour Residential Customer Service	1-800-895-4999	
Business Solutions Center (Commercial / Industrial Customer Service)	1-800-481-4700	
TDD/TYY (Hearing Impaired Services)	1-800-895-4949	
Internet Address	www.xcelenergy.com	

INDEX OF COMPANY'S SERVICE AREA

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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		

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(U) Unincorporated

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INDEX OF COMPANY'S SERVICE AREA

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

(U) Unincorporated

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COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Circle Pines	Metro East	Credit River Township	Southeast
Clara City	Northwest	Crow Lake Township	Northwest
Claremont	Southeast	Crystal	Metro West
Claremont Township	Southeast	Currie	South Dakota
Clarkfield	Northwest	Custer Township	Northwest
Clarks Grove	Southeast	Dahlgren Township	Metro West
Clay County	North Dakota	Dakota	Southeast
Clear Lake	Northwest	Dakota County	Metro East, Metro West & Southeast
Clear Lake Township	Northwest		
Clearwater	Northwest		
Clements	Northwest	Danube	Northwest
Cleveland	Southeast	Dassel	Northwest
Clinton Falls (U)	Southeast	Dassel Township	Northwest
Clinton Falls Township	Southeast	Dayton	Northwest
Coates	Metro East	Deephaven	Metro West
Cobden	Northwest	Deerfield Township	Southeast
Cokato	Northwest	Delano	Northwest
Cokato Township	Northwest	Delhi	Northwest
Cold Spring	Northwest	Dellwood	Metro East
Collegeville Township	Northwest	Denmark Township	Metro East
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		

(U) Unincorporated

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INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
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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

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INDEX OF COMPANY'S SERVICE AREA (Continued)

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Eagan	Metro East	Fort Snelling	Metro West
Eagle Lake	Southeast	Franconia Township	Metro East
East Bethel	Metro East	Franklin	Northwest
Echo	Northwest	Franklin Township	Northwest
Echo Township	Northwest	Freeborn County	Southeast
Eden Lake Township	Northwest	Freedom Township	Southeast
Eden Prairie	Metro West	Freeport	Northwest
Eden Township	South Dakota	Fridley	Metro West
Eden Valley	Northwest	Friendship Township	Northwest
Edgerton	South Dakota	Frontenac (U)	Southeast
Edina	Metro West	Garden City Township	Southeast
Edwards Township	Northwest	Garvin	South Dakota
Elba	Southeast	Gaylord	Southeast
Elko New Market	Southeast	Gem Lake	Metro East
Ellington Township	Southeast	Gibbon	Southeast
Elmer Township	South Dakota	Gillford Township	Southeast
Elmwood Township	North Dakota	Gilmanton Township	Northwest
Elysian	Southeast	Glasgow Township	Southeast
Elysian Township	Southeast	Glencoe	Metro West
Empire Township	Metro West	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		
Forest Lake	Metro East		
Forest Lake Township	Metro East		

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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

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INDEX OF COMPANY'S SERVICE AREA (Continued)

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COMMUNITIES	AREA OFFICE		COMMUNITIES	AREA OFFICE
Hector	Northwest			
Hector Township	Northwest		Kalmar Township	Southeast
Helen Township	Metro West		Kandiyohi County	Northwest
Helena Township	Southeast		Kasota Township	Southeast
Henderson	Southeast		Kasson	Southeast
Henderson Township	Southeast		Kellogg	Southeast
Hennepin County	Metro West & Northwest		Kenyon Township	Southeast
			Kilkenny	Southeast
Hillsdale Township	Southeast		Kilkenny Township	Southeast
Hilltop	Metro West		Kimball	Northwest
Hokah	Southeast		Kingston	Northwest
Holden Township	Southeast		Kingston Township	Northwest
Holding Township	Northwest		Krain Township	Northwest
Holdingford	Northwest		La Crescent	Southeast
Holland	South Dakota		La Crescent Township	Southeast
Holland Township	Northwest		Lac Qui Parle County	Northwest
Hollywood Township	Metro West		Lafayette	Southeast
Holy Cross Township	North Dakota		Lake City	Southeast
Homer Township	Southeast		Lake Elmo	Metro East
Hope Township	South Dakota	N	Lake Henry	Northwest
Hopkins	Metro West		Lake Henry Township	Northwest
Houston County	Southeast		Lake Lillian	Northwest
Howard Lake	Northwest		Lake Lillian Township	Northwest
Hugo	Metro East		Lake St. Croix Beach	Metro East
Hyde Park Township	Southeast		Lake Township	Southeast
Ihlen	South Dakota		Lake Wilson	South Dakota
Independence	Metro West		Lakeland	Metro East
Inver Grove Heights	Metro East		Lakeland Shores	Metro East
Iona	South Dakota		Laketown Township	Southeast
Iosco Township	Southeast		Lakeville	Metro East
Irving Township	Northwest		Landfall	Metro East
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)

Section No. 3
5th Revised Sheet No. 4.1

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 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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INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
5th Revised Sheet No. 5.1

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

(U) Unincorporated

(Continued on Sheet No. 3-6)

INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
6th Revised Sheet No. 6

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
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

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INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
5th Revised Sheet No. 6.1

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	Tonka Bay	Metro West
St. Cloud	Northwest	Tracy	South Dakota
St. Joseph	Northwest	Trosky	South Dakota
St. Joseph Township	Northwest	Tunsberg Township	Northwest
St. Louis Park	Metro West	Tyrone Township	Southeast
St. Martin	Northwest	Union Grove Township	Northwest
St. Mary Township	Southeast	Vadnais Heights	Metro East
St. Mary's Point	Metro East	Vermillion	Southeast
St. Michael	Northwest	Vermillion Township	Southeast
St. Paul	Metro East	Veseli (U)	Southeast
St. Paul Park	Metro East	Victor Township	Northwest
Stacy	Metro East	Victoria	Metro West
Stanton (U)	Southeast	Villard	Northwest
Stanton Township	Southeast		

(U) Unincorporated

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INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
4th Revised Sheet No. 7.1

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 Revised Sheet No. 8

COMMUNITIES	AREA OFFICE
Watonwan County	Southeast
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
Wilken County	North Dakota
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.

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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)	$10.00	$12.00	R
– Underground (A03)	$12.00	$14.00	R
Energy Charge per kWh			
June - September	$0.10548	$0.10548	R
Other Months	$0.08998	$0.06105	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 28th 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)	$12.00	$14.00	R
Underground (A04)	$14.00	$16.00	R
On Peak Period Energy Charge per kWh			
June - September	$0.21019	$0.21019	R
Other Months	$0.16891	$0.09465	R
Off Peak Period Energy Charge per kWh			
June - September	$0.04252	$0.04252	R
Other Months	$0.04252	$0.04252	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 ELECTRIC VEHICLE SERVICE Section No. 5
RATE CODE A08 16th 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		R
June - September	$0.21019	R
Other Months	$0.16891	
Off-Peak Period Energy Charge per kWh	$0.04252	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.

ENERGY CONTROLLED SERVICE Section No. 5
(NON-DEMAND METERED) 27th 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	$0.04530	$0.04530	R
Optional			
June - September	$0.10548	$0.09415	R
Other Months	$0.04530	$0.04530	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
RATE CODE A06

Section No. 5
30th 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	--	$65.00	R
Transmission Transformed	--	$65.00	R
Transmission	--	$65.00	R
Energy Charge per kWh			
Secondary Voltage	$0.03652	$0.03652	R
Primary Voltage	--	$0.03545	R
Transmission Transformed	--	$0.03380	R
Transmission	--	$0.03370	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 $0.340 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.

RULES FOR APPLICATION OF RESIDENTIAL RATES

1. The Residential Service and Residential Time of Day Service 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, and Automatic Protective Lighting Service rate schedules are also available to qualifying residential customers.

2. Normal service under the Residential Service and Residential Time of Day Service 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 20th 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	Monthly Rate Per Unit	
Area Units		
100W High Pressure Sodium	$7.63	R
175W Mercury (1)	$7.63	R
250W High Pressure Sodium	$12.16	R
400W Mercury (1)	$12.16	R
Directional Units		
250W High Pressure Sodium	$14.48	R
400W High Pressure Sodium	$18.10	R
1,000W Mercury (1)	$28.05	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)	$10.00	R
– Metered (A10)	$12.00	R
– Water Heating (A11)	$0.00	
– Direct Current (A13)	$10.00	
Energy Charge per kWh		
June - September	$0.09415	R
Other Months	$0.07866	R
Demand Charge (Direct Current Only) per Month per kW of Connected Load	$3.83	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.

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 28th 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)	$14.00	R
– kWh Metered (A16)	$12.00	R
– Unmetered (A18)	$10.00	R
– Low Wattage (A22)	(Please see page 5-24.1)	

Energy Charge per kWh	Oct-May	Jun-Sep	
On Peak Period (A12)	$0.11862	$0.15124	R
Off Peak Period (A12)	$0.04252	$0.04252	R
Constant Hourly (A16, A18, A22) (= 35% On, 65% Off)	$0.06916	$0.08057	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 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 $1.28 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	$25.76		R
Service at Secondary Voltage	Oct-May	Jun-Sep	R
Demand Charge per Month per kW	$10.92	$15.52	
Energy Charge per kWh	$0.03564		R
Energy Charge Credit per Month per kWh All kWh in Excess of 400 Hours Times the Billing Demand	$0.0156		R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00107	R
Transmission Transformed Voltage	$1.55	$0.00272	R
Transmission Voltage	$2.35	$0.00282	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.

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)	$29.76	R
-- kWh Metered (A17)	$25.76	R
-- Unmetered (A19)	$21.76	R

Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW			
On Peak Period Demand	$10.92	$15.52	R
Off Peak Period Demand in Excess of On Peak Period Demand	$2.35	$2.35	R

Energy Charge per kWh		
On Peak Period Energy	$0.05079	R
Off Peak Period Energy	$0.02449	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	$0.0156	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00107	R
Transmission Transformed Voltage	$1.55	$0.00272	R
Transmission Voltage	$2.35	$0.00282	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.

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	
Service at Secondary Voltage			
Energy Charge per kWh		$0.03564	R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours		$0.0156	R
Times the Sum of All Billing Demands			
Demand Charge per Month per kW	Tier 1	Tier 2	
Firm Demand			
June - September	$15.52	$15.52	R
Other Months	$10.92	$10.92	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	$9.31	R
Level B: ≥ 65% and < 85% PF	$7.73	$8.44	R
Level C: ≥ 85% PF	$7.15	$7.93	R
Short Notice Rider	$6.65	Not Available	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00107	R
Transmission Transformed Voltage	$1.55	$0.00272	R
Transmission Voltage	$2.35	$0.00282	R

(Continued on Sheet No. 5-41)

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 15th 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	
Service at Secondary Voltage		
Energy Charge per kWh		
On Peak Period Energy	$0.05079	R
Off Peak Period Energy	$0.02449	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	$0.0156	R

(Continued on Sheet No. 5-45)

RATE (Continued)

Demand Charge per Month per kW	Tier 1	Tier 2	
On Peak Period Demand			
Firm Demand			
June - September	$15.52	$15.52	R
Other Months	$10.92	$10.92	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	$9.31	
Level B: ≥ 65% and < 85% PF	$7.73	$8.44	R
Level C: ≥ 85% PF	$7.15	$7.93	R
Short Notice Rider	$6.65	Not Available	R
			R
Off Peak Period Demand in Excess of On Peak Period Demand (Jan-Dec)	$2.35	$2.35	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00107	R
Transmission Transformed Voltage	$1.55	$0.00272	R
Transmission Voltage	$2.35	$0.00282	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)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
(Continued) 7th Revised Sheet No. 47
RATE CODE A24

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).

RULES FOR APPLICATION OF PEAK CONTROLLED SERVICES

Section No. 5
7th Revised Sheet No. 48

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. 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.

5. 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.

6. The duration and frequency of control periods shall be at the discretion of Company. Control periods will normally occur when:
   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.

(Continued on Sheet No. 5-49)

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

   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. 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.

9. Minimum Controllable Demand during the Company's peak season shall be 50 kW.

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

11. 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.

(Continued on Sheet No. 5-50)

12. 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.

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

14. 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.

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

16. 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.

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 $10.35 R

Distribution Demand by Voltage

Secondary	Primary	Transmission Transformed	Transmission
$2.07	$1.07	$0.46	$0.00

Energy Charge per kWh

	Day-Type 1	2	3	4	5	6	7	8	
12 a.m.-6 a.m.	$0.03593	$0.02905	$0.02636	$0.02461	$0.02387	$0.02240	$0.02158	$0.02011	R
6 a.m.- 9 a.m.	$0.06581	$0.05215	$0.04136	$0.04329	$0.04185	$0.03607	$0.02878	$0.02300	R
9 a.m.-12 p.m.	$0.18335	$0.10323	$0.06438	$0.05098	$0.03884	$0.03112	$0.02547	$0.02396	R
12 p.m.- 6 p.m.	$0.30354	$0.20287	$0.10444	$0.06105	$0.03884	$0.03112	$0.02547	$0.02396	R
6 p.m.- 9 p.m.	$0.22341	$0.14330	$0.08389	$0.05252	$0.03884	$0.03112	$0.02547	$0.02396	R
9 p.m.-12 a.m.	$0.06581	$0.05215	$0.04537	$0.03909	$0.03178	$0.02887	$0.02498	$0.02300	R

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
Maximum	8	8	16	50	n/a	n/a	n/a	n/a

Limited Energy Surcharge per kWh $0.2100 R
All kWh during peak period hours in excess of Contract Demand

Energy Charge Credit per Month $0.0120
All kWh in excess of 400 times Contract Demand, not to exceed 50% of total kWh

Energy Charge Voltage Discount per kWh

Primary	Transmission Transformed	Transmission	
$0.00107	$0.00272	$0.00282	R

(Continued on Sheet No. 5-65)

D

DAY-TYPE
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.

(Continued on Sheet No. 5-65.1)

STABILITY FACTOR ADJUSTMENT

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%.

(Continued on Sheet No. 5-66)

DETERMINATION OF DEMAND

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		
Level A: < 65% PF	$5.67	$1.07	$0.1410	R
Level B: ≥ 65% and < 85% PF	$6.47	$1.87	$0.1000	R
Level C: ≥ 85% PF	$6.91	$2.31	$0.0800	R

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.

(Continued on Sheet No. 5-67)

Controllable Service Terms and Conditions

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.

(Continued on Sheet No. 5-68)

STANDBY SERVICE

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.

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		$5.54	R
Off Peak Period Non-Coincident Demand in Excess of On Peak Period Non-Coincident Demand		$1.55	R
Generation Demand Charge per Month per kW	**OCT-MAY**	**JUN-SEP**	
Rail Line On Peak Coincident Billing Demand	$4.58	$9.18	R
Energy Charge per kWh			
On Peak Period Energy		$0.04972	R
Off Peak Period Energy		$0.02342	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		$0.01340	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.

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by High Pressure Sodium (HPS) or Metal Halide electric lamps in 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	Overhead	Underground	Decorative	Option	
70W High Pressure Sodium	$9.91	$20.30	--	$6.15	R
100W High Pressure Sodium	$10.48	$20.87	$33.10	$6.88	R
150W High Pressure Sodium	$11.27	$21.66	$34.29	$7.76	R
200W High Pressure Sodium*	$13.28	--	--	--	R
250W High Pressure Sodium	$14.30	$24.22	$36.40	$9.91	R
400W High Pressure Sodium	$17.35	$26.97	$38.96	$12.77	R
175W Metal Halide	$15.43	$28.88	$38.96	$13.96	R

*Closed to new customers

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.

(Continued on Sheet No 5-74.1)

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)
RATE CODE A32

Section No. 5
21st 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	Monthly Rate per Luminaire	
100W Mercury	$2.48	R
175W Mercury	$3.70	R
250W Mercury	$5.01	R
400W Mercury	$7.81	R
700W Mercury	$12.98	R
1,000W Mercury	$18.06	R
50W High Pressure Sodium	$1.38	R
70W High Pressure Sodium	$1.75	R
100W High Pressure Sodium	$2.33	R
150W High Pressure Sodium	$3.19	R
200W High Pressure Sodium	$4.24	R
250W High Pressure Sodium	$5.36	R
400W High Pressure Sodium	$8.16	R
750W High Pressure Sodium	$14.01	R
F72HO Fluorescent	$3.61	

(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 26th 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	R
Energy Charge per kWh	$0.04609	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.

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	$5.72	R
150W High Pressure Sodium	$6.41	R
250W High Pressure Sodium	$8.98	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 Section No. 5
RATE CODE A37 14th Revised Sheet No. 81

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 27th 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	$12.00	$12.00	R
Energy Charge per kWh	$0.07866	$0.09415	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 28th 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	$25.76		R
	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW	$10.92	$15.52	R
Energy Charge per kWh	$0.03564		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	$0.0156		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00107	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 12th 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 $0.79 R

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

MONTHLY MINIMUM CHARGE
Net per Month $3.79 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 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.

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	1.0000	1.0177	R
C&I Non-Demand	1.0305	1.0000	1.0305	
C&I Demand	0.9930	1.0054	0.9984	
C&I Demand TOD On-Peak	0.9930	1.2574	1.2486	
C&I Demand TOD Off-Peak	0.9930	0.8224	0.8166	
Outdoor Lighting	0.7976	1.0000	0.7976	R

BASE COST OF ENERGY

The System Base Cost of Energy is $0.02714 per kWh. The FAF for each service category includes a Base Cost of Energy, which is the System Base Cost of Energy multiplied by the applicable FAF Ratio. R

Service Category	Base Cost of Energy	
Residential	$0.02762	R
C&I Non-Demand	$0.02797	
C&I Demand Non-TOD	$0.02710	
C&I Demand TOD On-Peak	$0.03389	
C&I Demand TOD Off-Peak	$0.02216	
Outdoor Lighting	$0.02165	R

(Continued on Sheet No. 5-91.1)

FUEL CLAUSE RIDER (Continued)

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 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 cost for the Windsource® Program as recorded in FERC account 555.

(Continued on Sheet No. 5-91.2)

ENERGY COST TRUE-UP FACTORS

An Energy Cost True-up Factor per kWh is calculated for each Class and TOD category by dividing the Energy Cost True-up Amount by the qualifying kWh sales forecasted for the calendar month. The Energy Cost True-up Amount is the cumulative balance of the unrecovered and over-recovered actual energy costs and MISO Day 2 expenses from prior months and the retail share of intersystem margins pursuant to the Margin-Sharing program approved by the Commission. The 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. The retail share of intersystem margins is the following:

Asset Based Margins: One hundred percent (100%) of the Minnesota State jurisdiction share of margins from intersystem sales of ancillary services and intersystem sales of excess generation. These margins shall be the actual amounts of such margins recorded and are subject to any MISO resettlements.

(Continued on Sheet No. 5-91.3)

RATE SCHEDULES BY SERVICE CATEGORY

Residential
Residential (A00, A01, A03)
Residential TOD (A02, A04)
Energy Controlled (A05)
Limited Off-Peak (A06)
Residential Electric Vehicle (A08)

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 – Non-TOD
General (A14)
Peak Controlled (A23)
Municipal Pumping (A41)

N

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)
Light Rail Line (A29)

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 October 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. Quarterly forecasts of the fuel and purchased energy costs will also be available.

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	$0.001427 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	$0.003089 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	$0.003089 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.

SURCHARGE RIDER

Section No. 5
8th Revised Sheet No. 93

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

Section No. 5
12th Revised Sheet No. 93.1

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
Brooklyn Center	$1.52	$3.10	$20.60	$99.00	$12.40	$12.40	$12.40	04/2009	12/08/2023
Champlin	$2.50	$8.00	$35.00	$125.00	$15.00	$15.00	$15.00	01/2009	11/23/2028
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%	—	—	—	01/2012	01/13/2032
Cottage Grove	$0.65	$0.65	$5.25	$29.00	$2.30	—	$4.25	10/2014	11/04/2023
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	01/2011	05/10/2018
Eagle Lake	$0.50	$0.50	$0.50	$0.50	—	—	—	10/2012	05/06/2032
Eden Prairie	$2.50	$3.00	$10.00	$45.00	—	—	—	10/2012	06/18/2032
Edina	$1.45	$2.90	$9.00	$40.00	—	—	—	02/2013	11/15/2015
Excelsior	$2.50	$2.50	$2.50	$2.50	$2.50	$2.50	$2.50	11/2012	08/02/2032

[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.

(Continued on Sheet No. 5-93.2)

FRANCHISE AND OTHER CITY FEES (Continued)

Section No. 5
14th Revised Sheet No. 93.2

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
Faribault[1]	$1.35	$1.60	$32.00	$280.00	—	—	—	01/2006	11/08/2024
Forest Lake	$4.00	$2.50	$18.50	$75.00	$7.50	$2.50	$18.50	05/2013	01/27/2033
Golden Valley	$2.00	$2.00	$22.50	$206.00	—	—	—	01/2013	12/17/2027
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	$2.20	$3.85	$15.50	$105.50	—	—	—	01/2014	12/31/2018
Landfall Village	$2.25	$4.75	$14.00	$65.00	$15.50	—	—	04/2014	12/10/2033
Lexington	$2.25	$3.75	$25.00	$130.00	$3.75	$3.75	$25.00	11/2012	10/05/2031
Lindstrom	$1.30	$5.00	$15.00	$55.00	$5.00	$5.00	$15.00	06/2009	02/28/2029
Little Canada	$2.75	$5.25	$40.00	$230.00	$15.50	$2.00	$3.00	07/2010	08/26/2023
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	$1.25	$2.50	$15.00	$112.50	$1.25	$1.25	$1.25	12/2013	09/26/2024

[1] Faribault: The franchise fee excludes invoices to the city for street lighting and municipal pumping.

(Continued on Sheet No. 5-93.3)

FRANCHISE AND OTHER CITY FEES (Continued)

Section No. 5
10th Revised Sheet No. 93.3

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	4.5%	5.0% <100 kW	5.0% <100 kW	3.0% ≥100 kW at primary or higher voltage 5.0% ≥100 kW at secondary voltage	5.0%	5.0%	5.0%	01/2015	10/16/2024
Minnetonka	$2.50	$4.50	$4.50	$4.50	—	$4.50	$4.50	11/2007	08/09/2018
Monticello	$1.95	$5.50	$31.00	$190.00	$12.00	$12.00	$31.00	06/2007	05/31/2027
Mound	$2.75	$2.75	$2.75	$2.75	$2.75	$2.75	$2.75	01/2015	12/31/2016
Mounds View	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	01/2015	12/31/2015
New Brighton	$0.0023 per kWh	$0.0023 per kWh	$0.0016 per kWh	$0.0009 per kWh	$0.0023 per kWh	$0.0023 per kWh	$0.0016 per kWh	01/2003	11/25/2022
New Hope	$1.50	$4.50	$9.00	$36.00	$4.50	$4.50	$4.50	07/2011	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

(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	$2.00	$3.00	$10.00	$40.00	—	—	—	05/2014	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	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	06/2015	07/01/2017
Sartell[1]	See fee schedule below.							01/2007	12/31/2023
Sauk Rapids	3.0% Customers who purchase $50,000 or less in calendar year 1.5% That part which exceeds $50,000 in calendar year							08/2003	06/15/2023
Shoreview	$2.50	$3.00	$30.00	$310.00	—	—	—	10/2013	07/17/2031

[1] Sartell: Effective with January of the respective years, the monthly franchise fee will be as follows:

- 2007 and 2008 $2.50
- 2009 and 2010 $2.75
- 2011 and 2012 $3.00
- 2013 and 2014 $3.25
- 2015 and 2016 $3.50
- 2017 and 2018 $3.75
- 2019 and 2020 $4.00
- 2021 and 2022 $4.25
- 2023 $4.50

(Continued on Sheet No. 5-93.5)

FRANCHISE AND OTHER CITY FEES (Continued)

Section No. 5
12th Revised Sheet No. 93.5

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
South St. Paul[1]	4.0%	4.0%	4.0%	4.0%	—	—	—	07/2015	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]	3.0%	3.0%	3.0%	3.0%	—	—	—	09/2007	08/31/2027
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	$3.25	$6.50	$30.00	$105.00	—	$6.00	$30.00	02/2015	12/31/2015
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

[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)

Section No. 5
4th Revised Sheet No. 93.6

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)

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)

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)

Section No. 5
4th Revised Sheet No. 93.9

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)

Section No. 5
4th Revised Sheet No. 93.10

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)

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)

Section No. 5
7th Revised Sheet No. 93.12

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
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%	05/1998	05/01/2018
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

Section No. 5
3rd Revised Sheet No. 93.13

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 5.26% of gross earnings tax derived from the sale of electricity within the City of West St. Paul excluding electric energy supplied to the City for municipal services. The amount collected is remitted to the City of West St. Paul.	12/1996	--
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.

INTERIM RATE SURCHARGE RIDER

Section No. 5
11th Revised Sheet No. 94

CANCELED

LOW INCOME ENERGY DISCOUNT RIDER

AVAILABILITY

Available to any residential customer who is certified and receiving assistance from the Low Income Home Energy Assistance Program (LIHEAP) during the federal fiscal year. Customers must receive certification annually through authorized LIHEAP agencies to be eligible for this discount Rider.

Senior/Medical Assistance Program is available to any residential customer age 62 or older, or with medical or life support designation, whose household income level is between 50% and 60% of the state median income. N N

DISCOUNT PROGRAM

Eligible Senior and / or Disabled customers receive a $15 discount in each monthly billing period.

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. 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.

Senior/Medical Assistance PROGRAM N

Program details to be determined. 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	Total
Residential	$0.50	$0.21	$0.71
C&I Non-Demand	$0.67	$0.26	$0.93
C&I Demand	$2.02	$0.66	$2.68

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.

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.

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.

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.

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

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

Section No. 5
5th Revised Sheet No. 100

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

Section No. 5
17th Revised Sheet No. 101

AVAILABILITY

Applicable to customers that use an alternative generation source with a capacity greater than 100 kW, where the alternative generation serves all or a portion of customer's electric energy requirements and where customer chooses to use the Company's electric service to serve that load when the alternative generation is either partly or wholly unavailable.

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.

RESERVATION RATE

	Firm Standby		Non-Firm	
	Unscheduled Maintenance	Scheduled Maintenance	Standby	
Customer Charge per Month	$25.76	$25.76	$25.76	R
Demand Charge per Month per kW of Contracted Standby Capacity				
Secondary Voltage Service	$3.56	$3.46	$2.35	R
Primary Voltage Service	$2.76	$2.66	$1.55	R
Transmission Transformed Voltage Service	$2.01	$1.91	$0.80	R
Transmission Voltage Service	$1.21	$1.11	$0.00	R
Hours per kW of Contracted Standby Capacity - Annual Grace Period Use of Unscheduled Standby, Exemption from the Demand Charge Component of the "Usage Rates" below.	964	964	0	

USAGE RATES

Demand Charge per kW of Standby Capacity Used. After the Annual Grace Period hours provided for Unscheduled and Scheduled Service are used up, the Demand Charge of the base tariff, to which this Rider is attached, replaces the above Reservation Rate.

Energy Charge per kWh of Standby Energy Used. All energy used under this Rider will be charged at the applicable energy rate of the base tariff to which this Rider is attached.

PHOTOVOLTAIC SOLAR CREDIT

A capacity credit of $5.15 per month per kW is applicable when the alternative generation source used by the customer is photovoltaic solar. This credit shall only be applied to the applicable Demand Charge of the base tariff for the contracted demand component of the Usage Rates outside of the Grace Period.

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. 5-102)

STANDBY SERVICE RIDER (Continued)

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.

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 DEMAND
The billing demand applicable to this Standby Service Rider is determined separately from the billing demand applicable to the base tariff to which this Rider attaches. The demand associated with actual use of Standby Service will be subtracted from the total metered demand, to determine the demand for standard service, to which the base tariff demand charge applies.

For applying the Standby Service Reservation Rate, the billing demand 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 served by the customer's alternative generation. In no case shall the contracted Standby capacity be established at more than the capacity of the customer's generation facility. This contracted Standby capacity may be different for the summer and winter seasons.

For applying the demand component of the Usage Rates, the billing demand shall be the capacity actually used by the customer, when customer's generator is wholly or partly out of service. This amount of Standby capacity actually used shall be the contracted Standby capacity 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.

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.

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. Customer will be allowed annually a Grace Period as specified above for use of unscheduled Standby Service without incurring additional demand charges for use of Standby Service. Use of this Grace Period will be measured in terms of Standby energy used by customer with the maximum amount of grace energy being the hours specified above times the contracted Standby capacity. After the Grace Period has been exhausted and customer uses unscheduled Standby Service, the customer shall pay the Demand Charge specified in the Usage Rates instead of the Reservation Fees as listed above. In a billing month, when customer uses Standby Service, the base tariff billing demand and the Standby Service billing demand will be determined individually. The base tariff billing demand will be the greatest 15 minute load determined after separating Standby Service usage from the total metered demands. The time of this determined greatest 15 minute demand for application to the base tariff may or may not occur at the same time when Standby Service is used. Billed demand charges for usage of Standby Service will be in addition to the billed demand charges for the base tariff as just described.

   Customers contracting for Standby Service to back up a solar photovoltaic system have the option to move their annual start date and subsequent Grace Periods forward to June 1. However, a customer shall not receive two annual Grace Periods for the same solar photovoltaic system in any rolling 12-month billing period.

10. Notwithstanding the Grace Period noted in provision 9 above, in the event customer requires unscheduled Standby Service 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 unscheduled Standby Service, customer shall pay Peak Demand Charges described below for the month in which such unscheduled Standby Service occurs and for each of the five succeeding months, instead of the above listed demand charges, or the demand charges under Section 9 above. Such Peak Demand Charges shall be based upon the following:

    a. If customer has notified Company of an unscheduled outage at least three hours prior to Company's system peak hour, such Peak Demand Charges shall be based on one-sixth of any additional capacity costs incurred by the Company as a result of the unscheduled outage. 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 unscheduled outage at least three hours prior to the Company's system peak hour, such 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 the unscheduled outage. The demand for billing purposes for the succeeding five months shall be equal to the demand placed on the system during the time of the Company's system peak hour in which the said additional capacity costs were incurred.

(Continued on Sheet No. 5-105)

TERMS AND CONDITIONS OF SERVICE (Continued)

The 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 will 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 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 Standby 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 other customers.

12. The Company shall provide notice to the Standby customers when peak load 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, to allow for determination of the separate billing demand applicable to the base tariff and Standby Rider and for determining energy use under the Grace Period identified above. 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.

(Continued on Sheet No. 5-106)

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

   Customers With Greater Than 100 kW to 10,000 kW of Contracted Standby 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 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 or to purchase power, with 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 shall not apply to use of Standby Service during qualifying scheduled maintenance periods. Also, use of Standby Service during qualifying scheduled maintenance periods, will not count against the grace period.

(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.

SUPPLEMENTAL GENERATION SERVICE RIDER

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	$25.76	R
Demand Charge per Month per kW of Contracted Supplemental Service		
Secondary Voltage Service	$3.46	R
Primary Voltage Service	$2.66	R
Transmission Transformed Voltage Service	$1.91	R
Transmission Voltage Service	$1.11	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)

SUPPLEMENTAL GENERATION SERVICE RIDER Section No. 5
(Continued) 7th Revised Sheet No. 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 11th 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	$0.05079	R
Firm Off Peak Period Energy	$0.02449	R
Controllable On Peak Period Energy	$0.04863	R
Controllable Off Peak Period Energy	$0.02388	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.

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(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)	$_____ per kWh
Residential with Space Heating (A00, A01, A02, A03, A04, A05, A06)	$_____ per kWh
Small General Service (non-demand) (A05, A06, A09, A10, A11, A12, A16, A18, A22)	$_____ per kWh

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.

The Annual RDM Rider factor to collect under-recovered revenues shall be capped at +3% of the total customer group base revenue for each of the rate classes, unless the Company is granted approval from the Minnesota Public Utilities Commission (Commission) to recover revenues in excess of the 3% cap. The RDM Rider factor to return over-recovered revenues shall not be capped.

(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.

AREA DEVELOPMENT RIDER

Section No. 5
5th Revised Sheet No. 119

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.

COMPETITIVE RESPONSE RIDER

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.

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 or 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..

2. Minimum load served under this Rider is 2 MW. Any rate offered under this Rider shall not be available for any month in which the load served under this Rider falls below 2 MW.

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 five years, beginning on the date the customer begins taking service under this rider,
   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)

COMPETITIVE RESPONSE RIDER (Continued)

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.

TIER 1 PEAK CONTROLLED SHORT NOTICE RIDER

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.

CITY REQUESTED FACILITIES SURCHARGE RIDER Section No. 5
7th Revised Sheet No. 131

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 Section No. 5
8th Revised Sheet No. 136

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.

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.

ENVIRONMENTAL IMPROVEMENT 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 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)

ENVIRONMENTAL IMPROVEMENT RIDER (Continued)

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.

BUSINESS INCENTIVE AND SUSTAINABILITY RIDER

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.

RATE

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%

QUALIFIED BILLING DEMAND

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 a single delivery point. 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.

Existing Customers. For existing customers, Qualified Billing Demand is the new load of 350 kW or greater at a single delivery point incremental to that existing prior to approval for service under this Rider. 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.

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; or
3. Customer's activities are largely or entirely different in nature from that of the previous customer.

(Continued on Sheet No. 5-140)

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 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 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.

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.

ELECTRIC SERVICE AGREEMENT
Any customer taking service under this Stimulation 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.

(Continued on Sheet No. 5-141)

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.

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	$0.000563 per kWh
Commercial	$0.000563 per kWh

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.

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 four 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. TD

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 Minnesota Public Utilities Commission. The TCR factor for each rate schedule is:

Residential	$0.003236 per kWh
Commercial (Non-Demand)	$0.003073 per kWh
Demand Billed	$0.906 per kW

Recoverable Transmission Costs shall be the annual revenue requirements for transmission costs associated with transmission projects 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.

RENEWABLE ENERGY STANDARD 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 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	0.000%

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.

2016 Proposed Tariffs
Redline

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CONTACT LIST

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Listed below is the name, title, address, and telephone numbers of Northern States Power Company personnel to be contacted in connection with:

All Matters Relating to Rates and Rules	~~Judy M. Poferl~~Christopher B. Clark President~~, and CEO of~~ Northern States Power Company, a Minnesota corporation 414 Nicollet Mall Minneapolis, MN 55401 Telephone No. 1-800-328-8226	T T ~~T~~ ~~T~~
Emergencies & Outages	1-800-895-1999	
24-Hour Residential Customer Service	1-800-895-4999	
Business Solutions Center (Commercial / Industrial Customer Service)	1-800-481-4700	
TDD/TYY (Hearing Impaired Services)	1-800-895-4949	
Internet Address	www.xcelenergy.com	

INDEX OF COMPANY'S SERVICE AREA

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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 N
Arden Hills	Metro East	Bird Island	Northwest N
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

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

(U) Unincorporated

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COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Circle Pines	Metro East	Credit River Township	Southeast
Clara City	Northwest	Crow Lake Township	Northwest
Claremont	Southeast	Crystal	Metro West
Claremont Township	Southeast	Currie	South Dakota
Clarkfield	Northwest	Custer Township	Northwest
Clarks Grove	Southeast	Dahlgren Township	Metro West
Clay County	North Dakota	Dakota	Southeast
Clear Lake	Northwest	Dakota County	Metro East, Metro West & Southeast
Clear Lake Township	Northwest		
Clearwater	Northwest		
Clements	Northwest	Danube	Northwest
Cleveland	Southeast	Dassel	Northwest
Clinton Falls (U)	Southeast	Dassel Township	Northwest
Clinton Falls Township	Southeast	Dayton	Northwest
Coates	Metro East	Deephaven	Metro West
Cobden	Northwest	Deerfield Township	Southeast
Cokato	Northwest	Delano	Northwest
Cokato Township	Northwest	Delhi	Northwest
Cold Spring	Northwest	Dellwood	Metro East
Collegeville Township	Northwest	Denmark Township	Metro East
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		

(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

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COMMUNITIES	AREA OFFICE		COMMUNITIES	AREA OFFICE
Eagan	Metro East		Fort Snelling	Metro West
Eagle Lake	Southeast		Franconia Township	Metro East
East Bethel	Metro East		Franklin	Northwest
Echo	Northwest		Franklin Township	Northwest
Echo Township	Northwest		Freeborn County	Southeast
Eden Lake Township	Northwest		Freedom Township	Southeast
Eden Prairie	Metro West		Freeport	Northwest
Eden Township	South Dakota	~~N~~	Fridley	Metro West
Eden Valley	Northwest		Friendship Township	Northwest
Edgerton	South Dakota		Frontenac (U)	Southeast
Edina	Metro West		Garden City Township	Southeast
Edwards Township	Northwest		Garvin	South Dakota
Elba	Southeast		Gaylord	Southeast
Elko New Market	Southeast		Gem Lake	Metro East
Ellington Township	Southeast		Gibbon	Southeast
Elmer Township	South Dakota		Gillford Township	Southeast
Elmwood Township	North Dakota		Gilmanton Township	Northwest
Elysian	Southeast		Glasgow Township	Southeast
Elysian Township	Southeast		Glencoe	Metro West
Empire Township	Metro West		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	~~N~~	Grant	Metro East
Foley	Northwest			
Forest Lake	Metro East			
Forest Lake Township	Metro East			

(U) Unincorporated

(Continued on Sheet No. 3-3.1)

INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
~~4th~~5th 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
~~5th~~6th Revised Sheet No. 4

COMMUNITIES	AREA OFFICE		COMMUNITIES	AREA OFFICE
Hector	Northwest			
Hector Township	Northwest		Kalmar Township	Southeast
Helen Township	Metro West		Kandiyohi County	Northwest
Helena Township	Southeast		Kasota Township	Southeast
Henderson	Southeast		Kasson	Southeast
Henderson Township	Southeast	~~N~~	Kellogg	Southeast
Hennepin County	Metro West & Northwest		Kenyon Township	Southeast
			Kilkenny	Southeast
Hillsdale Township	Southeast		Kilkenny Township	Southeast
Hilltop	Metro West		Kimball	Northwest
Hokah	Southeast		Kingston	Northwest
Holden Township	Southeast		Kingston Township	Northwest
Holding Township	Northwest		Krain Township	Northwest
Holdingford	Northwest		La Crescent	Southeast
Holland	South Dakota		La Crescent Township	Southeast
Holland Township	Northwest		Lac Qui Parle County	Northwest
Hollywood Township	Metro West		Lafayette	Southeast
Holy Cross Township	North Dakota		Lake City	Southeast
Homer Township	Southeast		Lake Elmo	Metro East
Hope Township	South Dakota	N	Lake Henry	Northwest
Hopkins	Metro West		Lake Henry Township	Northwest
Houston County	Southeast		Lake Lillian	Northwest
Howard Lake	Northwest		Lake Lillian Township	Northwest
Hugo	Metro East		Lake St. Croix Beach	Metro East
Hyde Park Township	Southeast		Lake Township	Southeast
Ihlen	South Dakota		Lake Wilson	South Dakota
Independence	Metro West		Lakeland	Metro East
Inver Grove Heights	Metro East		Lakeland Shores	Metro East
Iona	South Dakota		Laketown Township	Southeast
Iosco Township	Southeast		Lakeville	Metro East
Irving Township	Northwest		Landfall	Metro East
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)

Section No. 3
~~4th~~5th Revised Sheet No. 4.1

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
~~5th~~6th 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

(Continued on Sheet No. 3-5.1)

INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
~~4th~~5th Revised Sheet No. 5.1

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

(U) Unincorporated

(Continued on Sheet No. 3-6)

INDEX OF COMPANY'S SERVICE AREA (Continued)

Section No. 3
~~5th~~6th Revised Sheet No. 6

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
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)

Section No. 3
~~4th~~5th Revised Sheet No. 6.1

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)

Section No. 3
~~5th~~6th Revised Sheet No. 7

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		Tonka Bay	Metro West
St. Cloud	Northwest	~~T~~	Tracy	South Dakota
St. Joseph	Northwest	~~T~~	Trosky	South Dakota
St. Joseph Township	Northwest		Tunsberg Township	Northwest
St. Louis Park	Metro West		Tyrone Township	Southeast
St. Martin	Northwest		Union Grove Township	Northwest
St. Mary Township	Southeast		Vadnais Heights	Metro East
St. Mary's Point	Metro East		Vermillion	Southeast
St. Michael	Northwest		Vermillion Township	Southeast
St. Paul	Metro East		Veseli (U)	Southeast
St. Paul Park	Metro East		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)

Section No. 3
~~3rd~~4th Revised Sheet No. 7.1

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)

COMMUNITIES	AREA OFFICE	COMMUNITIES	AREA OFFICE
Watonwan County	Southeast	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	Zumbrota	Southeast
Willernie	Metro East	Zumbrota Township	Southeast
Wilson Township	Southeast		
Wilton Township	Southeast		

(U) Unincorporated

Item — Sheet No.

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Item — Sheet No.

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RESIDENTIAL SERVICE Section No. 5
RATE CODE A00, A01, A03 ~~27th~~28th 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~~$10.00	~~$10.00~~$12.00	R
– Underground (A03)	~~$10.00~~$12.00	~~$12.00~~$14.00	R
Energy Charge per kWh			
June - September	~~$0.09395~~$0.10548	~~$0.09395~~$0.10548	R
Other Months	~~$0.08040~~$0.08998	~~$0.05819~~$0.06105	R
			~~D~~

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.

~~N~~
~~N~~

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 ~~27th~~28th 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~~$12.00	~~$12.00~~$14.00	R
Underground (A04)	~~$12.00~~$14.00	~~$14.00~~$16.00	R
On Peak Period Energy Charge per kWh			
June - September	~~$0.20077~~$0.21019	~~$0.20077~~$0.21019	R
Other Months	~~$0.16454~~$0.16891	~~$0.10912~~$0.09465	R
Off Peak Period Energy Charge per kWh			
June - September	~~$0.03015~~$0.04252	~~$0.03015~~$0.04252	R
Other Months	~~$0.03015~~$0.04252	~~$0.03015~~$0.04252	R
			~~D~~

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.

N
N

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)

RESIDENTIAL TIME OF DAY SERVICE (Continued) Section No. 5
RATE CODE A02, A04 ~~5th~~6th Revised Sheet No. 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.

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		R
June - September	~~$0.17564~~$0.21019	R
Other Months	~~$0.14170~~$0.16891	
Off-Peak Period Energy Charge per kWh	~~$0.03300~~$0.04252	R D

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.

ENERGY CONTROLLED SERVICE
(NON-DEMAND METERED)
RATE CODE A05

Section No. 5
~~26th~~27th 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	~~$0.04283~~$0.04530	~~$0.04283~~$0.04530	R
Optional			
June - September	~~$0.09395~~$0.10548	~~$0.08787~~$0.09415	R
Other Months	~~$0.04283~~$0.04530	~~$0.04283~~$0.04530	R

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

~~D~~

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)

ENERGY CONTROLLED SERVICE (NON-DEMAND METERED) Section No. 5
(Continued) ~~7th~~8th Revised Sheet No. 10
RATE CODE A05

MONTHLY MINIMUM CHARGE
Customer Charge.

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

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

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
RATE CODE A06

Section No. 5
~~29th~~30th 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~~$65.00	R
Transmission Transformed	--	~~$60.00~~$65.00	R
Transmission	--	~~$60.00~~$65.00	R
Energy Charge per kWh			
Secondary Voltage	~~$0.02642~~$0.03652	~~$0.02642~~$0.03652	R
Primary Voltage	--	~~$0.02549~~$0.03545	R
Transmission Transformed	--	~~$0.02369~~$0.03380	R
Transmission	--	~~$0.02358~~$0.03370	R
			~~D~~

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)

LIMITED OFF PEAK SERVICE (Continued) Section No. 5
RATE CODE A06 ~~7th~~8th Revised Sheet No. 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. ~~N~~ ~~N~~

(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 ~~$0.308~~$0.340 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 and Residential Time of Day Service 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, and Automatic Protective Lighting Service rate schedules are also available to qualifying residential customers.

2. Normal service under the Residential Service and Residential Time of Day Service 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 ~~19th~~20th 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	Monthly Rate Per Unit	
Area Units		
100W High Pressure Sodium	~~$7.34~~$7.63	R
175W Mercury (1)	~~$7.34~~$7.63	R
250W High Pressure Sodium	~~$11.64~~$12.16	R
400W Mercury (1)	~~$11.64~~$12.16	R
Directional Units		
250W High Pressure Sodium	~~$12.62~~$14.48	R
400W High Pressure Sodium	~~$16.12~~$18.10	R
1,000W Mercury (1)	~~$25.52~~$28.05	R

(1) Available to existing installations only.

~~D~~

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~~$10.00	R
– Metered (A10)	~~$10.00~~$12.00	R
– Water Heating (A11)	$0.00	
– Direct Current (A13)	$10.00	
Energy Charge per kWh		
June - September	~~$0.08787~~$0.09415	R
Other Months	~~$0.07432~~$0.07866	R
Demand Charge (Direct Current Only) per Month per kW of Connected Load	~~$3.48~~$3.83	R
		~~D~~

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 ~~N~~
Bills in rate codes A09, A10, and A11 are subject to the adjustments provided for in the Revenue Decoupling ~~N~~
Mechanism Rider. ~~N~~

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 ~~27th~~28th 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~~$14.00	R
– kWh Metered (A16)	~~$10.00~~$12.00	R
– Unmetered (A18)	~~$8.00~~$10.00	R
– Low Wattage (A22)	(Please see page 5-24.1)	

Energy Charge per kWh	Oct-May	Jun-Sep	
On Peak Period (A12)	~~$0.12280~~$0.11862	~~$0.15123~~$0.15124	R
Off Peak Period (A12)	~~$0.03015~~$0.04252	~~$0.03015~~$0.04252	R
Constant Hourly (A16, A18, A22) (= 35% On, 65% Off)	~~$0.06258~~$0.06916	~~$0.07253~~$0.08057	R
			~~D~~

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 ~~N~~
Bills are subject to the adjustments provided for in the Revenue Decoupling Mechanism Rider. ~~N~~

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 ~~$0.28~~$0.30 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~~$1.28 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	~~$25.75~~$25.76		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW	~~$9.96~~$10.92	~~$14.07~~$15.52	R
Energy Charge per kWh	~~$0.03201~~$0.03564		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	~~$0.0140~~$0.0156		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00107	R
Transmission Transformed Voltage	~~$1.60~~$1.55	~~$0.00274~~$0.00272	R
Transmission Voltage	~~$2.40~~$2.35	~~$0.00284~~$0.00282	R
			~~D~~

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.

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)	~~$29.75~~$29.76	R
-- kWh Metered (A17)	~~$25.75~~$25.76	R
-- Unmetered (A19)	~~$21.75~~$21.76	R

	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW			
On Peak Period Demand	~~$9.96~~$10.92	~~$14.07~~$15.52	R
Off Peak Period Demand in Excess of On Peak Period Demand	~~$2.40~~$2.35	~~$2.40~~$2.35	R

Energy Charge per kWh		
On Peak Period Energy	~~$0.04482~~$0.05079	R
Off Peak Period Energy	~~$0.02233~~$0.02449	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	~~$0.0140~~$0.0156	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00107	R
Transmission Transformed Voltage	~~$1.60~~$1.55	~~$0.00274~~$0.00272	R
Transmission Voltage	~~$2.40~~$2.35	~~$0.00284~~$0.00282	R
			~~D~~

(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.

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		
Service at Secondary Voltage			
Energy Charge per kWh	~~$0.03201~~$0.03564		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours	~~$0.0140~~$0.0156		R
Times the Sum of All Billing Demands			
Demand Charge per Month per kW	Tier 1	Tier 2	
Firm Demand			
June - September	~~$14.07~~$15.52	~~$14.07~~$15.52	R
Other Months	~~$9.96~~$10.92	~~$9.96~~$10.92	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	~~$8.21~~$9.31	R
Level B: ≥ 65% and < 85% PF	~~$6.70~~$7.73	~~$7.40~~$8.44	R
Level C: ≥ 85% PF	~~$6.13~~$7.15	~~$6.90~~$7.93	R
Short Notice Rider	~~$5.63~~$6.65	Not Available	R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00107	R
Transmission Transformed Voltage	~~$1.60~~$1.55	~~$0.00274~~$0.00272	R
Transmission Voltage	~~$2.40~~$2.35	~~$0.00284~~$0.00282	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 ~~14th~~15th 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	
Service at Secondary Voltage		
Energy Charge per kWh		
On Peak Period Energy	~~$0.04482~~$0.05079	R
Off Peak Period Energy	~~$0.02233~~$0.02449	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	~~$0.0140~~$0.0156	R

(Continued on Sheet No. 5-45)

RATE (Continued)

Demand Charge per Month per kW	Tier 1	Tier 2	
On Peak Period Demand			
Firm Demand			
June - September	~~$14.07~~$15.52	~~$14.07~~$15.52	R
Other Months	~~$9.96~~$10.92	~~$9.96~~$10.92	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	~~$8.21~~$9.31	
Level B: ≥ 65% and < 85% PF	~~$6.70~~$7.73	~~$7.40~~$8.44	R
Level C: ≥ 85% PF	~~$6.13~~$7.15	~~$6.90~~$7.93	R
Short Notice Rider	~~$5.63~~$6.65	Not Available	R
			R
Off Peak Period Demand in Excess of On Peak Period Demand (Jan-Dec)	~~$2.40~~$2.35	~~$2.40~~$2.35	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00107	R
Transmission Transformed Voltage	~~$1.60~~$1.55	~~$0.00274~~$0.00272	R
Transmission Voltage	~~$2.40~~$2.35	~~$0.00284~~$0.00282	R
			~~D~~

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. 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.

5. 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.

6. The duration and frequency of control periods shall be at the discretion of Company. Control periods will normally occur when:
   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.

(Continued on Sheet No. 5-49)

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

   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. 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.

9. Minimum Controllable Demand during the Company's peak season shall be 50 kW.

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

11. 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.

(Continued on Sheet No. 5-50)

12. 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.

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

14. 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.

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

16. 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.

REAL TIME PRICING SERVICE Section No. 5
RATE CODE: A62 (FIRM), A63 (CONTROLLABLE) ~~8th~~9th Revised Sheet No. 64

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 ~~$9.06~~$10.35 R

Distribution Demand by Voltage R

Secondary	Primary	Transmission Transformed	Transmission
$2.07	$1.07	$0.46	$0.00

Energy Charge per kWh

	Day-Type 1	2	3	4	5	6	7	8	
12 a.m.-6 a.m.	$0.03593 ~~$0.03228~~	$0.02905 ~~$0.02460~~	$0.02636 ~~$0.02160~~	$0.02461 ~~$0.01965~~	$0.02387 ~~$0.01883~~	$0.02240 ~~$0.01719~~	$0.02158 ~~$0.01627~~	$0.02011 ~~$0.01463~~	R
6 a.m.- 9 a.m.	$0.06581 ~~$0.06563~~	$0.05215 ~~$0.05038~~	$0.04136 ~~$0.03834~~	$0.04329 ~~$0.04050~~	$0.04185 ~~$0.03889~~	$0.03607 ~~$0.03244~~	$0.02878 ~~$0.02430~~	$0.02300 ~~$0.01785~~	R
9 a.m.-12 p.m.	$0.18335 ~~$0.19679~~	$0.10323 ~~$0.10738~~	$0.06438 ~~$0.06403~~	$0.05098 ~~$0.04908~~	$0.03884 ~~$0.03553~~	$0.03112 ~~$0.02692~~	$0.02547 ~~$0.02061~~	$0.02396 ~~$0.01892~~	R
12 p.m.- 6 p.m.	$0.30354 ~~$0.33090~~	$0.20287 ~~$0.21857~~	$0.10444 ~~$0.10873~~	$0.06105 ~~$0.06031~~	$0.03884 ~~$0.03553~~	$0.03112 ~~$0.02692~~	$0.02547 ~~$0.02061~~	$0.02396 ~~$0.01892~~	R
6 p.m.- 9 p.m.	$0.22341 ~~$0.24149~~	$0.14330 ~~$0.15209~~	$0.08389 ~~$0.08580~~	$0.05252 ~~$0.05080~~	$0.03884 ~~$0.03553~~	$0.03112 ~~$0.02692~~	$0.02547 ~~$0.02061~~	$0.02396 ~~$0.01892~~	R
9 p.m.-12 a.m.	$0.06581 ~~$0.06563~~	$0.05215 ~~$0.05038~~	$0.04537 ~~$0.04282~~	$0.03909 ~~$0.03581~~	$0.03178 ~~$0.02765~~	$0.02887 ~~$0.02441~~	$0.02498 ~~$0.02006~~	$0.02300 ~~$0.01785~~	R

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
Maximum	8	8	16	50	n/a	n/a	n/a	n/a

Limited Energy Surcharge per kWh ~~$0.1760~~$0.2100 R
All kWh during peak period hours in excess of Contract Demand

Energy Charge Credit per Month $0.0120 R
All kWh in excess of 400 times Contract Demand, not to exceed 50% of total kWh

Energy Charge Voltage Discount per kWh R

Primary	Transmission Transformed	Transmission
~~$0.00093~~$0.00107	~~$0.00274~~$0.00272	~~$0.00284~~$0.00282

(Continued on Sheet No. 5-65)

D

DAY-TYPE
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.

(Continued on Sheet No. 5-65.1)

STABILITY FACTOR ADJUSTMENT

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%.

(Continued on Sheet No. 5-66)

DETERMINATION OF DEMAND

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		
Level A: < 65% PF	~~$5.32~~$5.67	~~$1.21~~$1.07	~~$0.1240~~$0.1410	R
Level B: ≥ 65% and < 85% PF	~~$6.07~~$6.47	~~$1.96~~$1.87	~~$0.0880~~$0.1000	R
Level C: ≥ 85% PF	~~$6.51~~$6.91	~~$2.40~~$2.31	~~$0.0700~~$0.0800	R

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.

(Continued on Sheet No. 5-67)

Controllable Service Terms and Conditions

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.

(Continued on Sheet No. 5-68)

STANDBY SERVICE

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.

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		~~$4.24~~$5.54	R
Off Peak Period Non-Coincident Demand in Excess of On Peak Period Non-Coincident Demand		~~$1.50~~$1.55	R
Generation Demand Charge per Month per kW	**OCT-MAY**	**JUN-SEP**	
Rail Line On Peak Coincident Billing Demand	~~$4.82~~$4.58	~~$8.93~~$9.18	R
Energy Charge per kWh			
On Peak Period Energy		~~$0.04389~~	
		$0.04972	R
Off Peak Period Energy		~~$0.02140~~	
		$0.02342	R
Energy Charge Credit per Month per kWh			
All Energy in Excess of 400 Hours Times the On Peak Period		~~$0.01200~~	
		$0.01340	R
Coincident Billing Demand, Not to Exceed 50% of the Energy			~~D~~

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.

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by High Pressure Sodium (HPS) or Metal Halide electric lamps in 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	Overhead	Underground	Decorative	Option	
70W High Pressure Sodium	~~$8.95~~$9.91	~~$17.67~~$20.30	--	~~$5.50~~$6.15	R
100W High Pressure Sodium	~~$9.44~~$10.48	~~$18.16~~$20.87	~~$28.16~~$33.10	~~$6.14~~$6.88	R
150W High Pressure Sodium	~~$10.15~~$11.27	~~$18.87~~$21.66	~~$29.25~~$34.29	~~$6.94~~$7.76	R
200W High Pressure Sodium*	~~$11.89~~$13.28	--	--	--	R
250W High Pressure Sodium	~~$12.78~~$14.30	~~$21.29~~$24.22	~~$31.11~~$36.40	~~$8.83~~$9.91	R
400W High Pressure Sodium	~~$15.50~~$17.35	~~$23.72~~$26.97	~~$33.36~~$38.96	~~$11.38~~$12.77	R
175W Metal Halide	~~$13.86~~$15.43	~~$25.51~~$28.88	~~$33.36~~$38.96	~~$12.47~~$13.96	R

*Closed to new customers

~~D~~

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.

(Continued on Sheet No 5-74.1)

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)
RATE CODE A32

Section No. 5
~~20th~~21st 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	Monthly Rate per Luminaire	
100W Mercury	~~$2.37~~$2.48	R
175W Mercury	~~$3.53~~$3.70	R
250W Mercury	~~$4.78~~$5.01	R
400W Mercury	~~$7.45~~$7.81	R
700W Mercury	~~$12.39~~$12.98	R
1,000W Mercury	~~$17.24~~$18.06	R
50W High Pressure Sodium	~~$1.32~~$1.38	R
70W High Pressure Sodium	~~$1.67~~$1.75	R
100W High Pressure Sodium	~~$2.22~~$2.33	R
150W High Pressure Sodium	~~$3.04~~$3.19	R
200W High Pressure Sodium	~~$4.05~~$4.24	R
250W High Pressure Sodium	~~$5.12~~$5.36	R
400W High Pressure Sodium	~~$7.79~~$8.16	R
750W High Pressure Sodium	~~$13.37~~$14.01	R
F72HO Fluorescent	$3.61	~~D~~

(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 ~~25th~~26th 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	~~$4.75~~$5.00	R
Energy Charge per kWh	~~$0.04402~~$0.04609	R ~~D~~

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.

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	~~$5.35~~$5.72	R
150W High Pressure Sodium	~~$6.07~~$6.41	R
250W High Pressure Sodium	~~$8.78~~$8.98	R
		~~D~~

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)

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 ~~26th~~27th 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~~$12.00	~~$10.00~~$12.00	R
Energy Charge per kWh	~~$0.07432~~$0.07866	~~$0.08787~~$0.09415	R D

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 ~~27th~~28th 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	~~$25.75~~$25.76		R
	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW	~~$9.96~~$10.92	~~$14.07~~$15.52	R
Energy Charge per kWh	~~$0.03201~~$0.03564		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	~~$0.0140~~$0.0156		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00107	R
			~~D~~

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 ~~11th~~12th 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 ~~$0.75~~$0.79 R D

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

MONTHLY MINIMUM CHARGE
Net per Month ~~$3.61~~$3.79 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 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.

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	~~1.0185~~1.0177	1.0000	~~1.0185~~1.0177	R
C&I Non-Demand	~~1.0493~~1.0305	1.0000	~~1.0493~~1.0305	
C&I Demand	~~0.9922~~0.9930	~~1.0107~~1.0054	~~1.0028~~0.9984	
C&I Demand TOD On-Peak	~~0.9922~~0.9930	~~1.2832~~1.2574	~~1.2732~~1.2486	
C&I Demand TOD Off-Peak	~~0.9922~~0.9930	~~0.8050~~0.8224	~~0.7987~~0.8166	
Outdoor Lighting	~~0.7446~~0.7976	1.0000	~~0.7446~~0.7976	R

BASE COST OF ENERGY

The System Base Cost of Energy is ~~$0.02780~~$0.02714 per kWh. The FAF for each service category includes a Base Cost of Energy, which is the System Base Cost of Energy multiplied by the applicable FAF Ratio. R

Service Category	Base Cost of Energy	
Residential	~~$0.02831~~$0.02762	R
C&I Non-Demand	~~$0.02917~~$0.02797	
C&I Demand Non-TOD	~~$0.02788~~$0.02710	
C&I Demand TOD On-Peak	~~$0.03539~~$0.03389	
C&I Demand TOD Off-Peak	~~$0.02220~~$0.02216	
Outdoor Lighting	~~$0.02070~~$0.02165	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 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 cost for the Windsource® Program as recorded in FERC account 555.

(Continued on Sheet No. 5-91.2)

ENERGY COST TRUE-UP FACTORS

An Energy Cost True-up Factor per kWh is calculated for each Class and TOD category by dividing the Energy Cost True-up Amount by the qualifying kWh sales forecasted for the calendar month. The Energy Cost True-up Amount is the cumulative balance of the unrecovered and over-recovered actual energy costs and MISO Day 2 expenses from prior months and the retail share of intersystem margins pursuant to the Margin-Sharing program approved by the Commission. The 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. The retail share of intersystem margins is the following:

Asset Based Margins: One hundred percent (100%) of the Minnesota State jurisdiction share of margins from intersystem sales of ancillary services and intersystem sales of excess generation. These margins shall be the actual amounts of such margins recorded and are subject to any MISO resettlements.

(Continued on Sheet No. 5-91.3)

RATE SCHEDULES BY SERVICE CATEGORY

Residential
Residential (A00, A01, A03)
Residential TOD (A02, A04)
Energy Controlled (A05)
Limited Off-Peak (A06)
Residential Electric Vehicle (A08) N

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 – Non-TOD
General (A14)
Peak Controlled (A23)
Municipal Pumping (A41)

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)
Light Rail Line (A29)

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 October 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. Quarterly forecasts of the fuel and purchased energy costs will also be available.

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	~~$0.001386~~$0.001427 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	~~$0.003130~~$0.003089 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	~~$0.003130~~$0.003089 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.

SURCHARGE RIDER

Section No. 5
~~7th~~8th Revised Sheet No. 93

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

Section No. 5
~~11th~~12th Revised Sheet No. 93.1

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
Brooklyn Center	$1.52	$3.10	$20.60	$99.00	$12.40	$12.40	$12.40	04/2009	12/08/2023
Champlin	$2.50	$8.00	$35.00	$125.00	$15.00	$15.00	$15.00	01/2009	11/23/2028
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%	—	—	—	01/2012	01/13/2032
Cottage Grove	$0.65	$0.65	$5.25	$29.00	$2.30	—	$4.25	10/2014	11/04/2023
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	01/2011	05/10/2018
Eagle Lake	$0.50	$0.50	$0.50	$0.50	—	—	—	10/2012	05/06/2032
Eden Prairie	$2.50	$3.00	$10.00	$45.00	—	—	—	10/2012	06/18/2032
Edina	$1.45	$2.90	$9.00	$40.00	—	—	—	02/2013	11/15/2015
Excelsior	$2.50	$2.50	$2.50	$2.50	$2.50	$2.50	$2.50	11/2012	08/02/2032

[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.

(Continued on Sheet No. 5-93.2)

FRANCHISE AND OTHER CITY FEES (Continued)

Section No. 5
~~13th~~14th Revised Sheet No. 93.2

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
Faribault[1]	$1.35	$1.60	$32.00	$280.00	—	—	—	01/2006	11/08/2024
Forest Lake	$4.00	$2.50	$18.50	$75.00	$7.50	$2.50	$18.50	05/2013	01/27/2033
Golden Valley	$2.00	$2.00	$22.50	$206.00	—	—	—	01/2013	12/17/2027
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	$2.20	$3.85	$15.50	$105.50	—	—	—	01/2014	12/31/2018
Landfall Village	$2.25	$4.75	$14.00	$65.00	$15.50	—	—	04/2014	12/10/2033
Lexington	$2.25	$3.75	$25.00	$130.00	$3.75	$3.75	$25.00	11/2012	10/05/2031
Lindstrom	$1.30	$5.00	$15.00	$55.00	$5.00	$5.00	$15.00	06/2009	02/28/2029
Little Canada	$2.75	$5.25	$40.00	$230.00	$15.50	$2.00	$3.00	07/2010	08/26/2023
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	$1.25	$2.50	$15.00	$112.50	$1.25	$1.25	$1.25	12/2013	09/26/2024

[1] Faribault: The franchise fee excludes invoices to the city for street lighting and municipal pumping.

(Continued on Sheet No. 5-93.3)

FRANCHISE AND OTHER CITY FEES (Continued)

Section No. 5
~~9th~~10th Revised Sheet No. 93.3

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	4.5%	5.0% <100 kW	5.0% <100 kW	3.0% ≥100 kW at primary or higher voltage 5.0% ≥100 kW at secondary voltage	5.0%	5.0%	5.0%	01/2015	10/16/2024
Minnetonka	$2.50	$4.50	$4.50	$4.50	—	$4.50	$4.50	11/2007	08/09/2018
Monticello	$1.95	$5.50	$31.00	$190.00	$12.00	$12.00	$31.00	06/2007	05/31/2027
Mound	$2.75	$2.75	$2.75	$2.75	$2.75	$2.75	$2.75	01/2015	12/31/2016
Mounds View	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	01/2015	12/31/2015
New Brighton	$0.0023 per kWh	$0.0023 per kWh	$0.0016 per kWh	$0.0009 per kWh	$0.0023 per kWh	$0.0023 per kWh	$0.0016 per kWh	01/2003	11/25/2022
New Hope	$1.50	$4.50	$9.00	$36.00	$4.50	$4.50	$4.50	07/2011	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

(Continued on Sheet No. 5-93.4)

FRANCHISE AND OTHER CITY FEES (Continued)

Section No. 5
~~14th~~15th Revised Sheet No. 93.4

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	$2.00	$3.00	$10.00	$40.00	—	—	—	05/2014	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	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	06/2015	07/01/2017
Sartell[1]	See fee schedule below.							01/2007	12/31/2023
Sauk Rapids	3.0% Customers who purchase $50,000 or less in calendar year 1.5% That part which exceeds $50,000 in calendar year							08/2003	06/15/2023
Shoreview	$2.50	$3.00	$30.00	$310.00	—	—	—	10/2013	07/17/2031

[1] Sartell: Effective with January of the respective years, the monthly franchise fee will be as follows:

- 2007 and 2008 $2.50
- 2009 and 2010 $2.75
- 2011 and 2012 $3.00
- 2013 and 2014 $3.25
- 2015 and 2016 $3.50
- 2017 and 2018 $3.75
- 2019 and 2020 $4.00
- 2021 and 2022 $4.25
- 2023 $4.50

(Continued on Sheet No. 5-93.5)

FRANCHISE AND OTHER CITY FEES (Continued)

Section No. 5
~~11th~~12th Revised Sheet No. 93.5

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
South St. Paul[1]	4.0%	4.0%	4.0%	4.0%	—	—	—	07/2015	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]	3.0%	3.0%	3.0%	3.0%	—	—	—	09/2007	08/31/2027
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	$3.25	$6.50	$30.00	$105.00	—	$6.00	$30.00	02/2015	12/31/2015
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

[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)

Section No. 5
~~3rd~~4th Revised Sheet No. 93.6

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)

Section No. 5
~~3rd~~4th Revised Sheet No. 93.7

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)

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)

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)

Section No. 5
~~3rd~~4th Revised Sheet No. 93.10

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)

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)

Section No. 5
~~6th~~7th Revised Sheet No. 93.12

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
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%	05/1998	05/01/2018
Winona	4.0% 1.5%	Customers who purchase $100,000 or less in calendar year 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

Section No. 5
~~2nd~~3rd Revised Sheet No. 93.13

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 5.26% of gross earnings tax derived from the sale of electricity within the City of West St. Paul excluding electric energy supplied to the City for municipal services. The amount collected is remitted to the City of West St. Paul.	12/1996	--
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.

INTERIM RATE SURCHARGE RIDER

Section No. 5
~~10th~~11th Revised Sheet No. 94

~~D~~
~~T~~

CANCELED

LOW INCOME ENERGY DISCOUNT RIDER

Section No. 5
~~7th~~8th Revised Sheet No. 95

AVAILABILITY

Available to any residential customer who is certified and receiving assistance from the Low Income Home Energy Assistance Program (LIHEAP) during the federal fiscal year. Customers must receive certification annually through authorized LIHEAP agencies to be eligible for this discount Rider.

Senior/Medical Assistance Program is available to any residential customer age 62 or older, or with medical or life support designation, whose household income level is between 50% and 60% of the state median income. N N

DISCOUNT PROGRAM

Eligible Senior and / or Disabled customers receive a $15 discount in each monthly billing period.

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. 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.

Senior/Medical Assistance PROGRAM N
Program details to be determined. 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	Total
Residential	$0.50	$0.21	$0.71
C&I Non-Demand	$0.67	$0.26	$0.93
C&I Demand	$2.02	$0.66	$2.68

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.

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.

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.

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.

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

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

Section No. 5
~~4th~~5th Revised Sheet No. 100

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

Section No. 5
~~16th~~17th Revised Sheet No. 101

AVAILABILITY

Applicable to customers that use an alternative generation source with a capacity greater than 100 kW, where the alternative generation serves all or a portion of customer's electric energy requirements and where customer chooses to use the Company's electric service to serve that load when the alternative generation is either partly or wholly unavailable.

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.

RESERVATION RATE

	Firm Standby		Non-Firm	
	Unscheduled Maintenance	Scheduled Maintenance	Standby	
Customer Charge per Month	~~$25.75~~$25.76	~~$25.75~~$25.76	~~$25.75~~$25.76	R
Demand Charge per Month per kW of Contracted Standby Capacity				
Secondary Voltage Service	~~$3.47~~$3.56	~~$3.37~~$3.46	~~$2.40~~$2.35	R
Primary Voltage Service	~~$2.57~~$2.76	~~$2.47~~$2.66	~~$1.50~~$1.55	R
Transmission Transformed Voltage Service	~~$1.87~~$2.01	~~$1.77~~$1.91	$0.80	R
Transmission Voltage Service	~~$1.07~~$1.21	~~$0.97~~$1.11	$0.00	R
Hours per kW of Contracted Standby Capacity - Annual Grace Period Use of Unscheduled Standby, Exemption from the Demand Charge Component of the "Usage Rates" below.	964	964	0	

USAGE RATES

Demand Charge per kW of Standby Capacity Used. After the Annual Grace Period hours provided for Unscheduled and Scheduled Service are used up, the Demand Charge of the base tariff, to which this Rider is attached, replaces the above Reservation Rate.

Energy Charge per kWh of Standby Energy Used. All energy used under this Rider will be charged at the applicable energy rate of the base tariff to which this Rider is attached.

PHOTOVOLTAIC SOLAR CREDIT

A capacity credit of $5.15 per month per kW is applicable when the alternative generation source used by the customer is photovoltaic solar. This credit shall only be applied to the applicable Demand Charge of the base tariff for the contracted demand component of the Usage Rates outside of the Grace Period.

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. 5-102)

STANDBY SERVICE RIDER (Continued) Section No. 5
~~12th~~13th Revised Sheet No. 102

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.

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 DEMAND
The billing demand applicable to this Standby Service Rider is determined separately from the billing demand applicable to the base tariff to which this Rider attaches. The demand associated with actual use of Standby Service will be subtracted from the total metered demand, to determine the demand for standard service, to which the base tariff demand charge applies.

For applying the Standby Service Reservation Rate, the billing demand 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 served by the customer's alternative generation. In no case shall the contracted Standby capacity be established at more than the capacity of the customer's generation facility. This contracted Standby capacity may be different for the summer and winter seasons.

For applying the demand component of the Usage Rates, the billing demand shall be the capacity actually used by the customer, when customer's generator is wholly or partly out of service. This amount of Standby capacity actually used shall be the contracted Standby capacity 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.

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.

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. Customer will be allowed annually a Grace Period as specified above for use of unscheduled Standby Service without incurring additional demand charges for use of Standby Service. Use of this Grace Period will be measured in terms of Standby energy used by customer with the maximum amount of grace energy being the hours specified above times the contracted Standby capacity. After the Grace Period has been exhausted and customer uses unscheduled Standby Service, the customer shall pay the Demand Charge specified in the Usage Rates instead of the Reservation Fees as listed above. In a billing month, when customer uses Standby Service, the base tariff billing demand and the Standby Service billing demand will be determined individually. The base tariff billing demand will be the greatest 15 minute load determined after separating Standby Service usage from the total metered demands. The time of this determined greatest 15 minute demand for application to the base tariff may or may not occur at the same time when Standby Service is used. Billed demand charges for usage of Standby Service will be in addition to the billed demand charges for the base tariff as just described.

   Customers contracting for Standby Service to back up a solar photovoltaic system have the option to move their annual start date and subsequent Grace Periods forward to June 1. However, a customer shall not receive two annual Grace Periods for the same solar photovoltaic system in any rolling 12-month billing period.

10. Notwithstanding the Grace Period noted in provision 9 above, in the event customer requires unscheduled Standby Service 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 unscheduled Standby Service, customer shall pay Peak Demand Charges described below for the month in which such unscheduled Standby Service occurs and for each of the five succeeding months, instead of the above listed demand charges, or the demand charges under Section 9 above. Such Peak Demand Charges shall be based upon the following:

    a. If customer has notified Company of an unscheduled outage at least three hours prior to Company's system peak hour, such Peak Demand Charges shall be based on one-sixth of any additional capacity costs incurred by the Company as a result of the unscheduled outage. 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 unscheduled outage at least three hours prior to the Company's system peak hour, such 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 the unscheduled outage. The demand for billing purposes for the succeeding five months shall be equal to the demand placed on the system during the time of the Company's system peak hour in which the said additional capacity costs were incurred.

(Continued on Sheet No. 5-105)

TERMS AND CONDITIONS OF SERVICE (Continued)

The 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 will 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 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 Standby 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 other customers.

12. The Company shall provide notice to the Standby customers when peak load 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, to allow for determination of the separate billing demand applicable to the base tariff and Standby Rider and for determining energy use under the Grace Period identified above. 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.

(Continued on Sheet No. 5-106)

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

   Customers With Greater Than 100 kW to 10,000 kW of Contracted Standby 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 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 or to purchase power, with 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 shall not apply to use of Standby Service during qualifying scheduled maintenance periods. Also, use of Standby Service during qualifying scheduled maintenance periods, will not count against the grace period.

(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	~~$25.75~~$25.76	R
Demand Charge per Month per kW of Contracted Supplemental Service		
Secondary Voltage Service	~~$3.37~~$3.46	R
Primary Voltage Service	~~$2.47~~$2.66	R
Transmission Transformed Voltage Service	~~$1.77~~$1.91	R
Transmission Voltage Service	~~$0.97~~$1.11	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 ~~10th~~11th 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	~~$0.04482~~$0.05079	R
Firm Off Peak Period Energy	~~$0.02233~~$0.02449	R
Controllable On Peak Period Energy	~~$0.04261~~$0.04863	R
Controllable Off Peak Period Energy	~~$0.02178~~$0.02388	R
Control Period Energy	$0.09000	

TERMS AND CONDITIONS OF SERVICE L

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. L

(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.

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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)	$_____ per kWh
Residential with Space Heating (A00, A01, A02, A03, A04, A05, A06)	$_____ per kWh
Small General Service (non-demand) (A05, A06, A09, A10, A11, A12, A16, A18, A22)	$_____ per kWh

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.

The Annual RDM Rider factor to collect under-recovered revenues shall be capped at +3% of the total customer group base revenue for each of the rate classes, unless the Company is granted approval from the Minnesota Public Utilities Commission (Commission) to recover revenues in excess of the 3% cap. The RDM Rider factor to return over-recovered revenues shall not be capped.

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(Continued on Sheet No. 5-118)

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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.

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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.

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 or 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..

2. Minimum load served under this Rider is 2 MW. Any rate offered under this Rider shall not be available for any month in which the load served under this Rider falls below 2 MW.

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 five years, beginning on the date the customer begins taking service under this rider,
   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)

COMPETITIVE RESPONSE RIDER (Continued)

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.

TIER 1 PEAK CONTROLLED SHORT NOTICE RIDER Section No. 5
~~10th~~11th Revised Sheet No. 126

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 Section No. 5
~~4th~~5th Revised Sheet No. 135

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 Section No. 5
~~7th~~8th Revised Sheet No. 136

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. 5-137)~~

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.

RATE
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%

QUALIFIED BILLING DEMAND
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 a single delivery point. 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.

Existing Customers. For existing customers, Qualified Billing Demand is the new load of 350 kW or greater at a single delivery point incremental to that existing prior to approval for service under this Rider. 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.

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; or
3. Customer's activities are largely or entirely different in nature from that of the previous customer.

(Continued on Sheet No. 5-140)

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 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 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.

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.

ELECTRIC SERVICE AGREEMENT
Any customer taking service under this Stimulation 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.

(Continued on Sheet No. 5-141)

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.

STATE ENERGY POLICY RATE RIDER Section No. 5
~~14th~~15th Revised Sheet No. 142

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 Section No. 5
~~15th~~16th Revised Sheet No. 143

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	$0.000563 per kWh
Commercial	$0.000563 per kWh

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.

TRANSMISSION COST RECOVERY RIDER

Section No. 5
~~11th~~12th Revised Sheet No. 144

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 four customer groups: (1) Residential, (2) Commercial Non-Demand, and (3) Demand Billed~~, and (4) Street Lighting~~. 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. TD

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 Minnesota Public Utilities Commission. The TCR factor for each rate schedule is:

Residential	$0.003236 per kWh
Commercial (Non-Demand)	$0.003073 per kWh
Demand Billed	$0.906 per kW

Recoverable Transmission Costs shall be the annual revenue requirements for transmission costs associated with transmission projects 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 does not apply 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

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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	0.000%

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.

Summary List of 2017 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 Electric Vehicle Service	5-5	A08	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.
Real Time Pricing Service	5-64, 5-66	A62 (Firm), A63 (Controllable)	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 2017 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.
Fuel Clause Rider	5-91, 5-91.3		1. Rate changes. 2. Ratio changes. 3. Administrative Correction: Added "Residential Electric Vehicle (A08)" to Rate Schedules by Service Category
Conservation Improvement Program Adjustment Rider	5-92, 5-92.1		Rate changes.
Low Income Energy Discount Rider	5-95		Added Proposed Senior/Medical Assistance Program Language
Standby Service Rider	5-101		Rate changes.
Supplemental Generation Service Rider	5-108		Rate changes.
Tier 1 Energy Controlled Service Rider	5-115		Rate changes.
Transmission Cost Recovery Rider	5-144		Administrative Correction: Deleted ", and (4) Street Lighting"

Minnesota Electric Rate Book - MPUC No. 2
2017 Proposed Tariff Sheets

2017 Proposed Tariff Sheet Changes (in addition to those Proposed for 2016)

Sheet No. 5-1, revision 28
Sheet No. 5-2, revision 28
Sheet No. 5-5, revision 16
Sheet No. 5-9, revision 27
Sheet No. 5-11, revision 30
Sheet No. 5-12, revision 7
Sheet No. 5-14, revision 20
Sheet No. 5-21, revision 28
Sheet No. 5-23, revision 28
Sheet No. 5-24.1, revision 11
Sheet No. 5-26, revision 28
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Sheet No. 5-71, revision 14
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2017 Proposed Tariffs
Clean

CONTACT LIST

Section No. 2
3rd Revised Sheet No. 1

Listed below is the name, title, address, and telephone numbers of Northern States Power Company personnel to be contacted in connection with:

All Matters Relating to Rates and Rules	Christopher B. Clark President, Northern States Power Company, a Minnesota corporation 414 Nicollet Mall Minneapolis, MN 55401 Telephone No. 1-800-328-8226	T T
Emergencies & Outages	1-800-895-1999	
24-Hour Residential Customer Service	1-800-895-4999	
Business Solutions Center (Commercial / Industrial Customer Service)	1-800-481-4700	
TDD/TYY (Hearing Impaired Services)	1-800-895-4949	
Internet Address	www.xcelenergy.com	

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)	$10.00	$12.00	R
– Underground (A03)	$12.00	$14.00	R
Energy Charge per kWh			
June - September	$0.10865	$0.10865	R
Other Months	$0.09285	$0.06394	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 28th 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)	$12.00	$14.00	R
Underground (A04)	$14.00	$16.00	R
On Peak Period Energy Charge per kWh			
June - September	$0.21583	$0.21583	R
Other Months	$0.17376	$0.09973	R
Off Peak Period Energy Charge per kWh			
June - September	$0.04420	$0.04420	R
Other Months	$0.04420	$0.04420	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)

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		R
June - September	$0.21583	R
Other Months	$0.17376	
Off-Peak Period Energy Charge per kWh	$0.04420	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)

ENERGY CONTROLLED SERVICE Section No. 5
(NON-DEMAND METERED) 27th 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	$0.04815	$0.04815	R
Optional			
June - September	$0.10865	$0.09655	R
Other Months	$0.04815	$0.04815	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
RATE CODE A06

Section No. 5
30th 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	--	$65.00	R
Transmission Transformed	--	$65.00	R
Transmission	--	$65.00	R
Energy Charge per kWh			
Secondary Voltage	$0.03760	$0.03760	R
Primary Voltage	--	$0.03652	R
Transmission Transformed	--	$0.03486	R
Transmission	--	$0.03475	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 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 20th 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	Monthly Rate Per Unit	
Area Units		
100W High Pressure Sodium	$7.87	R
175W Mercury (1)	$7.87	R
250W High Pressure Sodium	$12.58	R
400W Mercury (1)	$12.58	R
Directional Units		
250W High Pressure Sodium	$14.97	R
400W High Pressure Sodium	$18.74	R
1,000W Mercury (1)	$29.15	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)	$10.00	R
– Metered (A10)	$12.00	R
– Water Heating (A11)	$0.00	
– Direct Current (A13)	$10.00	
Energy Charge per kWh		
June - September	$0.09655	R
Other Months	$0.08076	R
Demand Charge (Direct Current Only) per Month per kW of Connected Load	$3.89	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 28th 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)	$14.00	R
– kWh Metered (A16)	$12.00	R
– Unmetered (A18)	$10.00	R
– Low Wattage (A22)	(Please see page 5-24.1)	

Energy Charge per kWh	Oct-May	Jun-Sep	
On Peak Period (A12)	$0.12118	$0.15443	R
Off Peak Period (A12)	$0.04420	$0.04420	R
Constant Hourly (A16, A18, A22) (= 35% On, 65% Off)	$0.07114	$0.08278	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 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 $1.28 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		$25.78	R
Service at Secondary Voltage	Oct-May	Jun-Sep	R
Demand Charge per Month per kW	$11.09	$15.79	
Energy Charge per kWh		$0.03619	R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours		$0.0156	R
Times the Billing Demand			
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00108	R
Transmission Transformed Voltage	$1.55	$0.00275	R
Transmission Voltage	$2.35	$0.00285	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)	$29.78	R
-- kWh Metered (A17)	$25.78	R
-- Unmetered (A19)	$21.78	R

Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW			
On Peak Period Demand	$11.09	$15.79	R
Off Peak Period Demand in Excess of On Peak Period Demand	$2.35	$2.35	R

Energy Charge per kWh		
On Peak Period Energy	$0.05158	R
Off Peak Period Energy	$0.02487	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	$0.0156	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00108	R
Transmission Transformed Voltage	$1.55	$0.00275	R
Transmission Voltage	$2.35	$0.00285	R

(Continued on Sheet No. 5-30)

PEAK CONTROLLED SERVICE
RATE CODE A23

Section No. 5
20th 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	
Service at Secondary Voltage			
Energy Charge per kWh		$0.03619	R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours		$0.0156	R
Times the Sum of All Billing Demands			
Demand Charge per Month per kW	Tier 1	Tier 2	
Firm Demand			
June - September	$15.79	$15.79	R
Other Months	$11.09	$11.09	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	$9.52	R
Level B: ≥ 65% and < 85% PF	$7.94	$8.65	R
Level C: ≥ 85% PF	$7.36	$8.14	R
Short Notice Rider	$6.86	Not Available	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00108	
Transmission Transformed Voltage	$1.55	$0.00275	R
Transmission Voltage	$2.35	$0.00285	R
			R

(Continued on Sheet No. 5-41)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
RATE CODE A24 15th 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	
Service at Secondary Voltage		
Energy Charge per kWh		
On Peak Period Energy	$0.05158	R
Off Peak Period Energy	$0.02487	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	$0.0156	R

(Continued on Sheet No. 5-45)

RATE (Continued)

Demand Charge per Month per kW	Tier 1	Tier 2	
On Peak Period Demand			
Firm Demand			
June - September	$15.79	$15.79	R
Other Months	$11.09	$11.09	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	$9.52	
Level B: ≥ 65% and < 85% PF	$7.94	$8.65	R
Level C: ≥ 85% PF	$7.36	$8.14	R
Short Notice Rider	$6.86	Not Available	R
			R
Off Peak Period Demand in Excess of On Peak Period Demand (Jan-Dec)	$2.35	$2.35	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00108	R
Transmission Transformed Voltage	$1.55	$0.00275	R
Transmission Voltage	$2.35	$0.00285	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 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 $10.56 R

Distribution Demand by Voltage

Secondary	Primary	Transmission Transformed	Transmission
$2.07	$1.07	$0.46	$0.00

Energy Charge per kWh	Day-Type								
	1	2	3	4	5	6	7	8	
12 a.m.-6 a.m.	$0.03634	$0.03079	$0.02862	$0.02721	$0.02661	$0.02543	$0.02476	$0.02358	R
6 a.m.- 9 a.m.	$0.06045	$0.04943	$0.04072	$0.04228	$0.04112	$0.03646	$0.03057	$0.02591	R
9 a.m.-12 p.m.	$0.15529	$0.09064	$0.05930	$0.04849	$0.03869	$0.03246	$0.02790	$0.02668	R
12 p.m.- 6 p.m.	$0.25226	$0.17104	$0.09162	$0.05661	$0.03869	$0.03246	$0.02790	$0.02668	R
6 p.m.- 9 p.m.	$0.18761	$0.12297	$0.07504	$0.04973	$0.03869	$0.03246	$0.02790	$0.02668	R
9 p.m.-12 a.m.	$0.06045	$0.04943	$0.04396	$0.03889	$0.03299	$0.03065	$0.02750	$0.02591	R

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
Maximum	8	8	16	50	n/a	n/a	n/a	n/a

Limited Energy Surcharge per kWh $0.2200 R
All kWh during peak period hours in excess of Contract Demand

Energy Charge Credit per Month $0.0120
All kWh in excess of 400 times Contract Demand, not to exceed 50% of total kWh

Energy Charge Voltage Discount per kWh

Primary	Transmission Transformed	Transmission
$0.00108	$0.00275	$0.00285

R

(Continued on Sheet No. 5-65)

DETERMINATION OF DEMAND

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		
Level A: < 65% PF	$5.73	$1.03	$0.1440	R
Level B: ≥ 65% and < 85% PF	$6.53	$1.83	$0.1020	R
Level C: ≥ 85% PF	$6.97	$2.27	$0.0820	R

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.

(Continued on Sheet No. 5-67)

LIGHT RAIL LINE TARIFF
RATE CODE A29

Section No. 5
14th Revised Sheet No. 71

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		$5.98	R
Off Peak Period Non-Coincident Demand in Excess of On Peak Period Non-Coincident Demand		$1.55	R
Generation Demand Charge per Month per kW	**OCT-MAY**		**JUN-SEP**
Rail Line On Peak Coincident Billing Demand	$4.52		$9.32 R
Energy Charge per kWh			
On Peak Period Energy		$0.05050	R
Off Peak Period Energy		$0.02379	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		$0.01340	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)

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by High Pressure Sodium (HPS) or Metal Halide electric lamps in 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	Overhead	Underground	Decorative	Option	
70W High Pressure Sodium	$10.27	$21.03	--	$6.38	R
100W High Pressure Sodium	$10.88	$21.63	$34.29	$7.15	R
150W High Pressure Sodium	$11.71	$22.47	$35.54	$8.08	R
200W High Pressure Sodium*	$13.81	--	--	--	R
250W High Pressure Sodium	$14.88	$25.15	$37.76	$10.33	R
400W High Pressure Sodium	$18.08	$28.04	$40.45	$13.35	R
175W Metal Halide	$16.03	$29.94	$40.45	$14.50	R

*Closed to new customers

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.

(Continued on Sheet No 5-74.1)

STREET LIGHTING ENERGY SERVICE (CLOSED)
RATE CODE A32

Section No. 5
21st 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	Monthly Rate per Luminaire	
100W Mercury	$2.58	R
175W Mercury	$3.86	R
250W Mercury	$5.23	R
400W Mercury	$8.17	R
700W Mercury	$13.59	R
1,000W Mercury	$18.92	R
50W High Pressure Sodium	$1.43	R
70W High Pressure Sodium	$1.81	R
100W High Pressure Sodium	$2.42	R
150W High Pressure Sodium	$3.32	R
200W High Pressure Sodium	$4.43	R
250W High Pressure Sodium	$5.60	R
400W High Pressure Sodium	$8.53	R
750W High Pressure Sodium	$14.67	R
F72HO Fluorescent	$3.61	

(Continued on Sheet No. 5-77)

STREET LIGHTING ENERGY SERVICE - METERED Section No. 5
RATE CODE A34 26th 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	R
Energy Charge per kWh	$0.04835	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	$5.72	RR
150W High Pressure Sodium	$6.41	R
250W High Pressure Sodium	$8.98	

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 27th 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	$12.00	$12.00	R
Energy Charge per kWh	$0.08076	$0.09655	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 28th 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	$25.78		R
	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW	$11.09	$15.79	R
Energy Charge per kWh	$0.03619		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	$0.0156		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00108	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 12th 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 $0.80 R

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

MONTHLY MINIMUM CHARGE
Net per Month $3.86 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 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.

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	1.0000	1.0177	R
C&I Non-Demand	1.0305	1.0000	1.0305	
C&I Demand	0.9930	1.0054	0.9984	
C&I Demand TOD On-Peak	0.9930	1.2574	1.2486	
C&I Demand TOD Off-Peak	0.9930	0.8224	0.8166	
Outdoor Lighting	0.7976	1.0000	0.7976	R

BASE COST OF ENERGY

The System Base Cost of Energy is $0.02714 per kWh. The FAF for each service category includes a Base Cost of Energy, which is the System Base Cost of Energy multiplied by the applicable FAF Ratio. R

Service Category	Base Cost of Energy	
Residential	$0.02762	R
C&I Non-Demand	$0.02797	
C&I Demand Non-TOD	$0.02710	
C&I Demand TOD On-Peak	$0.03389	
C&I Demand TOD Off-Peak	$0.02216	
Outdoor Lighting	$0.02165	R

(Continued on Sheet No. 5-91.1)

RATE SCHEDULES BY SERVICE CATEGORY

Residential
Residential (A00, A01, A03)
Residential TOD (A02, A04)
Energy Controlled (A05)
Limited Off-Peak (A06)
Residential Electric Vehicle (A08)

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 – Non-TOD
General (A14)
Peak Controlled (A23)
Municipal Pumping (A41)

N

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)
Light Rail Line (A29)

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 October 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. Quarterly forecasts of the fuel and purchased energy costs will also be available.

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	$0.001427 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	$0.003089 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	$0.003089 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.

LOW INCOME ENERGY DISCOUNT RIDER

AVAILABILITY

Available to any residential customer who is certified and receiving assistance from the Low Income Home Energy Assistance Program (LIHEAP) during the federal fiscal year. Customers must receive certification annually through authorized LIHEAP agencies to be eligible for this discount Rider.

Senior/Medical Assistance Program is available to any residential customer age 62 or older, or with medical or life support designation, whose household income level is between 50% and 60% of the state median income. N N

DISCOUNT PROGRAM

Eligible Senior and / or Disabled customers receive a $15 discount in each monthly billing period.

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. 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.

Senior/Medical Assistance PROGRAM N

Program details to be determined. 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)

STANDBY SERVICE RIDER

Section No. 5
17th Revised Sheet No. 101

AVAILABILITY

Applicable to customers that use an alternative generation source with a capacity greater than 100 kW, where the alternative generation serves all or a portion of customer's electric energy requirements and where customer chooses to use the Company's electric service to serve that load when the alternative generation is either partly or wholly unavailable.

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.

RESERVATION RATE

	Firm Standby		Non-Firm	
	Unscheduled Maintenance	Scheduled Maintenance	Standby	
Customer Charge per Month	$25.78	$25.78	$25.78	R
Demand Charge per Month per kW of Contracted Standby Capacity				
Secondary Voltage Service	$3.59	$3.49	$2.35	R
Primary Voltage Service	$2.79	$2.69	$1.55	R
Transmission Transformed Voltage Service	$2.04	$1.94	$0.80	R
Transmission Voltage Service	$1.24	$1.14	$0.00	R
Hours per kW of Contracted Standby Capacity - Annual Grace Period Use of Unscheduled Standby, Exemption from the Demand Charge Component of the "Usage Rates" below.	964	964	0	

USAGE RATES

Demand Charge per kW of Standby Capacity Used. After the Annual Grace Period hours provided for Unscheduled and Scheduled Service are used up, the Demand Charge of the base tariff, to which this Rider is attached, replaces the above Reservation Rate.

Energy Charge per kWh of Standby Energy Used. All energy used under this Rider will be charged at the applicable energy rate of the base tariff to which this Rider is attached.

PHOTOVOLTAIC SOLAR CREDIT

A capacity credit of $5.15 per month per kW is applicable when the alternative generation source used by the customer is photovoltaic solar. This credit shall only be applied to the applicable Demand Charge of the base tariff for the contracted demand component of the Usage Rates outside of the Grace Period.

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. 5-102)

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	$25.78	R
Demand Charge per Month per kW of Contracted Supplemental Service		
Secondary Voltage Service	$3.49	R
Primary Voltage Service	$2.69	R
Transmission Transformed Voltage Service	$1.94	R
Transmission Voltage Service	$1.14	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 11th 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	$0.05158	R
Firm Off Peak Period Energy	$0.02487	R
Controllable On Peak Period Energy	$0.04938	R
Controllable Off Peak Period Energy	$0.02420	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.

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(Continued on Sheet No. 5-116)

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. T TD

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 Minnesota Public Utilities Commission. The TCR factor for each rate schedule is:

Residential	$0.003236 per kWh
Commercial (Non-Demand)	$0.003073 per kWh
Demand Billed	$0.906 per kW

Recoverable Transmission Costs shall be the annual revenue requirements for transmission costs associated with transmission projects 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)

2017 Proposed Tariffs
Redline

CONTACT LIST

Section No. 2
~~2nd~~3rd Revised Sheet No. 1

Listed below is the name, title, address, and telephone numbers of Northern States Power Company personnel to be contacted in connection with:

All Matters Relating to Rates and Rules	~~Judy M. Poferl~~Christopher B. Clark President~~, and CEO of~~ Northern States Power Company, a Minnesota corporation 414 Nicollet Mall Minneapolis, MN 55401 Telephone No. 1-800-328-8226	T T ~~T~~ ~~T~~
Emergencies & Outages	1-800-895-1999	
24-Hour Residential Customer Service	1-800-895-4999	
Business Solutions Center (Commercial / Industrial Customer Service)	1-800-481-4700	
TDD/TYY (Hearing Impaired Services)	1-800-895-4949	
Internet Address	www.xcelenergy.com	

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~~$10.00	~~$10.00~~$12.00	R
– Underground (A03)	~~$10.00~~$12.00	~~$12.00~~$14.00	R
Energy Charge per kWh			
June - September	~~$0.09395~~$0.10865	~~$0.09395~~$0.10865	R
Other Months	~~$0.08040~~$0.09285	~~$0.05819~~$0.06394	R
			~~D~~

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 ~~27th~~28th 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~~$12.00	~~$12.00~~$14.00	R
Underground (A04)	~~$12.00~~$14.00	~~$14.00~~$16.00	R
On Peak Period Energy Charge per kWh			
June - September	~~$0.20077~~$0.21583	~~$0.20077~~$0.21583	R
Other Months	~~$0.16454~~$0.17376	~~$0.10912~~$0.09973	R
Off Peak Period Energy Charge per kWh			
June - September	~~$0.03015~~$0.04420	~~$0.03015~~$0.04420	R
Other Months	~~$0.03015~~$0.04420	~~$0.03015~~$0.04420	R
			~~D~~

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)

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		R
June - September	~~$0.17564~~$0.21583	R
Other Months	~~$0.14170~~$0.17376	
Off-Peak Period Energy Charge per kWh	~~$0.03300~~$0.04420	R D

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)

ENERGY CONTROLLED SERVICE
(NON-DEMAND METERED)
RATE CODE A05

Section No. 5
~~26th~~27th 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	~~$0.04283~~$0.04815	~~$0.04283~~$0.04815	R
Optional			
June - September	~~$0.09395~~$0.10865	~~$0.08787~~$0.09655	R
Other Months	~~$0.04283~~$0.04815	~~$0.04283~~$0.04815	R

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

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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.

(Continued on Sheet No. 5-10)

LIMITED OFF PEAK SERVICE
RATE CODE A06

Section No. 5
~~29th~~30th 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~~$65.00	R
Transmission Transformed	--	~~$60.00~~$65.00	R
Transmission	--	~~$60.00~~$65.00	R
Energy Charge per kWh			
Secondary Voltage	~~$0.02642~~$0.03760	~~$0.02642~~$0.03760	R
Primary Voltage	--	~~$0.02549~~$0.03652	R
Transmission Transformed	--	~~$0.02369~~$0.03486	R
Transmission	--	~~$0.02358~~$0.03475	R
			~~D~~

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 ~~$0.308~~$0.360 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 ~~19th~~20th 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	Monthly Rate Per Unit	
Area Units		
100W High Pressure Sodium	~~$7.34~~$7.87	R
175W Mercury (1)	~~$7.34~~$7.87	R
250W High Pressure Sodium	~~$11.64~~$12.58	R
400W Mercury (1)	~~$11.64~~$12.58	R
Directional Units		
250W High Pressure Sodium	~~$12.62~~$14.97	R
400W High Pressure Sodium	~~$16.12~~$18.74	R
1,000W Mercury (1)	~~$25.52~~$29.15	R

(1) Available to existing installations only.

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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~~$10.00	R
– Metered (A10)	~~$10.00~~$12.00	R
– Water Heating (A11)	$0.00	
– Direct Current (A13)	$10.00	
Energy Charge per kWh		
June - September	~~$0.08787~~$0.09655	R
Other Months	~~$0.07432~~$0.08076	R
Demand Charge (Direct Current Only) per Month per kW of Connected Load	~~$3.48~~$3.89	R
		~~D~~

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 ~~27th~~28th 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~~$14.00	R
– kWh Metered (A16)	~~$10.00~~$12.00	R
– Unmetered (A18)	~~$8.00~~$10.00	R
– Low Wattage (A22)	(Please see page 5-24.1)	

Energy Charge per kWh	Oct-May	Jun-Sep	
On Peak Period (A12)	~~$0.12280~~$0.12118	~~$0.15123~~$0.15443	R
Off Peak Period (A12)	~~$0.03015~~$0.04420	~~$0.03015~~$0.04420	R
Constant Hourly (A16, A18, A22) (= 35% On, 65% Off)	~~$0.06258~~$0.07114	~~$0.07253~~$0.08278	R
			~~D~~

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 ~~$0.28~~$0.30 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~~$1.28 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	~~$25.75~~$25.78		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW	~~$9.96~~$11.09	~~$14.07~~$15.79	R
Energy Charge per kWh	~~$0.03201~~$0.03619		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	~~$0.0140~~$0.0156		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00108	R
Transmission Transformed Voltage	~~$1.60~~$1.55	~~$0.00274~~$0.00275	R
Transmission Voltage	~~$2.40~~$2.35	~~$0.00284~~$0.00285	R
			~~D~~

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)	~~$29.75~~$29.78	R
-- kWh Metered (A17)	~~$25.75~~$25.78	R
-- Unmetered (A19)	~~$21.75~~$21.78	R

	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW			
On Peak Period Demand	~~$9.96~~$11.09	~~$14.07~~$15.79	R
Off Peak Period Demand in Excess of On Peak Period Demand	~~$2.40~~$2.35	~~$2.40~~$2.35	R

Energy Charge per kWh		
On Peak Period Energy	~~$0.04482~~$0.05158	R
Off Peak Period Energy	~~$0.02233~~$0.02487	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	~~$0.0140~~$0.0156	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00108	R
Transmission Transformed Voltage	~~$1.60~~$1.55	~~$0.00274~~$0.00275	R
Transmission Voltage	~~$2.40~~$2.35	~~$0.00284~~$0.00285	R
			~~D~~

(Continued on Sheet No. 5-30)

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		
Service at Secondary Voltage			
Energy Charge per kWh	~~$0.03201~~$0.03619		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours	~~$0.0140~~$0.0156		R
Times the Sum of All Billing Demands			
Demand Charge per Month per kW	Tier 1	Tier 2	
Firm Demand			
June - September	~~$14.07~~$15.79	~~$14.07~~$15.79	R
Other Months	~~$9.96~~$11.09	~~$9.96~~$11.09	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	~~$8.21~~$9.52	R
Level B: ≥ 65% and < 85% PF	~~$6.70~~$7.94	~~$7.40~~$8.65	R
Level C: ≥ 85% PF	~~$6.13~~$7.36	~~$6.90~~$8.14	R
Short Notice Rider	~~$5.63~~$6.86	Not Available	R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00108	R
Transmission Transformed Voltage	~~$1.60~~$1.55	~~$0.00274~~$0.00275	R
Transmission Voltage	~~$2.40~~$2.35	~~$0.00284~~$0.00285	R

(Continued on Sheet No. 5-41)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
RATE CODE A24 ~~14th~~15th 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	
Service at Secondary Voltage		
Energy Charge per kWh		
On Peak Period Energy	~~$0.04482~~$0.05158	R
Off Peak Period Energy	~~$0.02233~~$0.02487	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	~~$0.0140~~$0.0156	R

(Continued on Sheet No. 5-45)

RATE (Continued)

Demand Charge per Month per kW	Tier 1	Tier 2	
On Peak Period Demand			
Firm Demand			
June - September	~~$14.07~~$15.79	~~$14.07~~$15.79	R
Other Months	~~$9.96~~$11.09	~~$9.96~~$11.09	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	~~$8.21~~$9.52	
Level B: ≥ 65% and < 85% PF	~~$6.70~~$7.94	~~$7.40~~$8.65	R
Level C: ≥ 85% PF	~~$6.13~~$7.36	~~$6.90~~$8.14	R
Short Notice Rider	~~$5.63~~$6.86	Not Available	R
			R
Off Peak Period Demand in Excess of On Peak Period Demand (Jan-Dec)	~~$2.40~~$2.35	~~$2.40~~$2.35	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00108	R
Transmission Transformed Voltage	~~$1.60~~$1.55	~~$0.00274~~$0.00275	R
Transmission Voltage	~~$2.40~~$2.35	~~$0.00284~~$0.00285	R
			~~D~~

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)

REAL TIME PRICING SERVICE Section No. 5
RATE CODE: A62 (FIRM), A63 (CONTROLLABLE) ~~8th~~9th Revised Sheet No. 64

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 ~~$9.06~~$10.56 R

Distribution Demand by Voltage R

Secondary	Primary	Transmission Transformed	Transmission
$2.07	$1.07	$0.46	$0.00

Energy Charge per kWh

	Day-Type 1	2	3	4	5	6	7	8	
12 a.m.-6 a.m.	$0.03634 ~~$0.03228~~	$0.03079 ~~$0.02460~~	$0.02862 ~~$0.02160~~	$0.02721 ~~$0.01965~~	$0.02661 ~~$0.01883~~	$0.02543 ~~$0.01719~~	$0.02476 ~~$0.01627~~	$0.02358 ~~$0.01463~~	R
6 a.m.- 9 a.m.	$0.06045 ~~$0.06563~~	$0.04943 ~~$0.05038~~	$0.04072 ~~$0.03834~~	$0.04228 ~~$0.04050~~	$0.04112 ~~$0.03889~~	$0.03646 ~~$0.03244~~	$0.03057 ~~$0.02430~~	$0.02591 ~~$0.01785~~	R
9 a.m.-12 p.m.	$0.15529 ~~$0.19679~~	$0.09064 ~~$0.10738~~	$0.05930 ~~$0.06403~~	$0.04849 ~~$0.04908~~	$0.03869 ~~$0.03553~~	$0.03246 ~~$0.02692~~	$0.02790 ~~$0.02061~~	$0.02668 ~~$0.01892~~	R
12 p.m.- 6 p.m.	$0.25226 ~~$0.33090~~	$0.17104 ~~$0.21857~~	$0.09162 ~~$0.10873~~	$0.05661 ~~$0.06031~~	$0.03869 ~~$0.03553~~	$0.03246 ~~$0.02692~~	$0.02790 ~~$0.02061~~	$0.02668 ~~$0.01892~~	R
6 p.m.- 9 p.m.	$0.18761 ~~$0.24149~~	$0.12297 ~~$0.15209~~	$0.07504 ~~$0.08580~~	$0.04973 ~~$0.05080~~	$0.03869 ~~$0.03553~~	$0.03246 ~~$0.02692~~	$0.02790 ~~$0.02061~~	$0.02668 ~~$0.01892~~	R
9 p.m.-12 a.m.	$0.06045 ~~$0.06563~~	$0.04943 ~~$0.05038~~	$0.04396 ~~$0.04282~~	$0.03889 ~~$0.03581~~	$0.03299 ~~$0.02765~~	$0.03065 ~~$0.02441~~	$0.02750 ~~$0.02006~~	$0.02591 ~~$0.01785~~	R

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
Maximum	8	8	16	50	n/a	n/a	n/a	n/a

Limited Energy Surcharge per kWh ~~$0.1760~~$0.2200 R
All kWh during peak period hours in excess of Contract Demand

Energy Charge Credit per Month $0.0120 ~~R~~
All kWh in excess of 400 times Contract Demand, not to exceed 50% of total kWh

Energy Charge Voltage Discount per kWh R

Primary	Transmission Transformed	Transmission
~~$0.00093~~$0.00108	~~$0.00274~~$0.00275	~~$0.00284~~$0.00285

(Continued on Sheet No. 5-65)

DETERMINATION OF DEMAND

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		
Level A: < 65% PF	~~$5.32~~$5.73	~~$1.21~~$1.03	~~$0.1240~~$0.1440	R
Level B: ≥ 65% and < 85% PF	~~$6.07~~$6.53	~~$1.96~~$1.83	~~$0.0880~~$0.1020	R
Level C: ≥ 85% PF	~~$6.51~~$6.97	~~$2.40~~$2.27	~~$0.0700~~$0.0820	R

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.

(Continued on Sheet No. 5-67)

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		~~$4.24~~$5.98	R
Off Peak Period Non-Coincident Demand in Excess of On Peak Period Non-Coincident Demand		~~$1.50~~$1.55	R
Generation Demand Charge per Month per kW	**OCT-MAY**	**JUN-SEP**	
Rail Line On Peak Coincident Billing Demand	~~$4.82~~$4.52	~~$8.93~~$9.32	R
Energy Charge per kWh			
On Peak Period Energy		~~$0.04389~~	
		$0.05050	R
Off Peak Period Energy		~~$0.02140~~	
		$0.02379	R
Energy Charge Credit per Month per kWh			
All Energy in Excess of 400 Hours Times the On Peak Period		~~$0.01200~~	
		$0.01340	R
Coincident Billing Demand, Not to Exceed 50% of the Energy			~~D~~

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)

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by High Pressure Sodium (HPS) or Metal Halide electric lamps in 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	Overhead	Underground	Decorative	Option	
70W High Pressure Sodium	~~$8.95~~$10.27	~~$17.67~~$21.03	--	~~$5.50~~$6.38	R
100W High Pressure Sodium	~~$9.44~~$10.88	~~$18.16~~$21.63	~~$28.16~~$34.29	~~$6.14~~$7.15	R
150W High Pressure Sodium	~~$10.15~~$11.71	~~$18.87~~$22.47	~~$29.25~~$35.54	~~$6.94~~$8.08	R
200W High Pressure Sodium*	~~$11.89~~$13.81	--	--	--	R
250W High Pressure Sodium	~~$12.78~~$14.88	~~$21.29~~$25.15	~~$31.11~~$37.76	~~$8.83~~$10.33	R
400W High Pressure Sodium	~~$15.50~~$18.08	~~$23.72~~$28.04	~~$33.36~~$40.45	~~$11.38~~$13.35	R
175W Metal Halide	~~$13.86~~$16.03	~~$25.51~~$29.94	~~$33.36~~$40.45	~~$12.47~~$14.50	R

*Closed to new customers

~~D~~

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.

(Continued on Sheet No 5-74.1)

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	Monthly Rate per Luminaire	
100W Mercury	~~$2.37~~$2.58	R
175W Mercury	~~$3.53~~$3.86	R
250W Mercury	~~$4.78~~$5.23	R
400W Mercury	~~$7.45~~$8.17	R
700W Mercury	~~$12.39~~$13.59	R
1,000W Mercury	~~$17.24~~$18.92	R
50W High Pressure Sodium	~~$1.32~~$1.43	R
70W High Pressure Sodium	~~$1.67~~$1.81	R
100W High Pressure Sodium	~~$2.22~~$2.42	R
150W High Pressure Sodium	~~$3.04~~$3.32	R
200W High Pressure Sodium	~~$4.05~~$4.43	R
250W High Pressure Sodium	~~$5.12~~$5.60	R
400W High Pressure Sodium	~~$7.79~~$8.53	R
750W High Pressure Sodium	~~$13.37~~$14.67	R
F72HO Fluorescent	$3.61	

~~D~~

(Continued on Sheet No. 5-77)

STREET LIGHTING ENERGY SERVICE - METERED Section No. 5
RATE CODE A34 ~~25th~~26th 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	~~$4.75~~$5.00	R
Energy Charge per kWh	~~$0.04402~~$0.04835	R ~~D~~

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	~~$5.35~~$5.72	R
150W High Pressure Sodium	~~$6.07~~$6.41	R
250W High Pressure Sodium	~~$8.78~~$8.98	R
		D

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 ~~26th~~27th 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~~$12.00	~~$10.00~~$12.00	R
Energy Charge per kWh	~~$0.07432~~$0.08076	~~$0.08787~~$0.09655	R D

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 ~~27th~~28th 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	~~$25.75~~$25.78		R
	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW	~~$9.96~~$11.09	~~$14.07~~$15.79	R
Energy Charge per kWh	~~$0.03201~~$0.03619		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	~~$0.0140~~$0.0156		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00108	R
			~~D~~

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 ~~11th~~12th 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 ~~$0.75~~$0.80 R D

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

MONTHLY MINIMUM CHARGE
Net per Month ~~$3.61~~$3.86 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 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.

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	~~1.0185~~1.0177	1.0000	~~1.0185~~1.0177	R
C&I Non-Demand	~~1.0493~~1.0305	1.0000	~~1.0493~~1.0305	
C&I Demand	~~0.9922~~0.9930	~~1.0107~~1.0054	~~1.0028~~0.9984	
C&I Demand TOD On-Peak	~~0.9922~~0.9930	~~1.2832~~1.2574	~~1.2732~~1.2486	
C&I Demand TOD Off-Peak	~~0.9922~~0.9930	~~0.8050~~0.8224	~~0.7987~~0.8166	
Outdoor Lighting	~~0.7446~~0.7976	1.0000	~~0.7446~~0.7976	R

BASE COST OF ENERGY

The System Base Cost of Energy is ~~$0.02780~~$0.02714 per kWh. The FAF for each service category includes a Base Cost of Energy, which is the System Base Cost of Energy multiplied by the applicable FAF Ratio. R

Service Category	Base Cost of Energy	
Residential	~~$0.02831~~$0.02762	R
C&I Non-Demand	~~$0.02917~~$0.02797	
C&I Demand Non-TOD	~~$0.02788~~$0.02710	
C&I Demand TOD On-Peak	~~$0.03539~~$0.03389	
C&I Demand TOD Off-Peak	~~$0.02220~~$0.02216	
Outdoor Lighting	~~$0.02070~~$0.02165	R

(Continued on Sheet No. 5-91.1)

RATE SCHEDULES BY SERVICE CATEGORY

Residential
Residential (A00, A01, A03)
Residential TOD (A02, A04)
Energy Controlled (A05)
Limited Off-Peak (A06)
Residential Electric Vehicle (A08) N

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 – Non-TOD
General (A14)
Peak Controlled (A23)
Municipal Pumping (A41)

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)
Light Rail Line (A29)

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 October 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. Quarterly forecasts of the fuel and purchased energy costs will also be available.

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	~~$0.001386~~$0.001427 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	~~$0.003130~~$0.003089 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	~~$0.003130~~$0.003089 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.

LOW INCOME ENERGY DISCOUNT RIDER

Section No. 5
~~7th~~8th Revised Sheet No. 95

AVAILABILITY

Available to any residential customer who is certified and receiving assistance from the Low Income Home Energy Assistance Program (LIHEAP) during the federal fiscal year. Customers must receive certification annually through authorized LIHEAP agencies to be eligible for this discount Rider.

Senior/Medical Assistance Program is available to any residential customer age 62 or older, or with medical or life support designation, whose household income level is between 50% and 60% of the state median income. N N

DISCOUNT PROGRAM

Eligible Senior and / or Disabled customers receive a $15 discount in each monthly billing period.

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. 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.

Senior/Medical Assistance PROGRAM N
Program details to be determined. 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)

STANDBY SERVICE RIDER

Section No. 5
~~16th~~17th Revised Sheet No. 101

AVAILABILITY

Applicable to customers that use an alternative generation source with a capacity greater than 100 kW, where the alternative generation serves all or a portion of customer's electric energy requirements and where customer chooses to use the Company's electric service to serve that load when the alternative generation is either partly or wholly unavailable.

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.

RESERVATION RATE

	Firm Standby		Non-Firm	
	Unscheduled Maintenance	Scheduled Maintenance	Standby	
Customer Charge per Month	~~$25.75~~$25.78	~~$25.75~~$25.78	~~$25.75~~$25.78	R
Demand Charge per Month per kW of Contracted Standby Capacity				
Secondary Voltage Service	~~$3.47~~$3.59	~~$3.37~~$3.49	~~$2.40~~$2.35	R
Primary Voltage Service	~~$2.57~~$2.79	~~$2.47~~$2.69	~~$1.50~~$1.55	R
Transmission Transformed Voltage Service	~~$1.87~~$2.04	~~$1.77~~$1.94	$0.80	R
Transmission Voltage Service	~~$1.07~~$1.24	~~$0.97~~$1.14	$0.00	R
Hours per kW of Contracted Standby Capacity - Annual Grace Period Use of Unscheduled Standby, Exemption from the Demand Charge Component of the "Usage Rates" below.	964	964	0	

USAGE RATES

Demand Charge per kW of Standby Capacity Used. After the Annual Grace Period hours provided for Unscheduled and Scheduled Service are used up, the Demand Charge of the base tariff, to which this Rider is attached, replaces the above Reservation Rate.

Energy Charge per kWh of Standby Energy Used. All energy used under this Rider will be charged at the applicable energy rate of the base tariff to which this Rider is attached.

PHOTOVOLTAIC SOLAR CREDIT

A capacity credit of $5.15 per month per kW is applicable when the alternative generation source used by the customer is photovoltaic solar. This credit shall only be applied to the applicable Demand Charge of the base tariff for the contracted demand component of the Usage Rates outside of the Grace Period.

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. 5-102)

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	~~$25.75~~$25.78	R
Demand Charge per Month per kW of Contracted Supplemental Service		
Secondary Voltage Service	~~$3.37~~$3.49	R
Primary Voltage Service	~~$2.47~~$2.69	R
Transmission Transformed Voltage Service	~~$1.77~~$1.94	R
Transmission Voltage Service	~~$0.97~~$1.14	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 ~~10th~~11th 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	~~$0.04482~~$0.05158	R
Firm Off Peak Period Energy	~~$0.02233~~$0.02487	R
Controllable On Peak Period Energy	~~$0.04261~~$0.04938	R
Controllable Off Peak Period Energy	~~$0.02178~~$0.02420	R
Control Period Energy	$0.09000	

TERMS AND CONDITIONS OF SERVICE L

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. L

(Continued on Sheet No. 5-116)

TRANSMISSION COST RECOVERY RIDER

Section No. 5
~~11th~~12th Revised Sheet No. 144

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 ~~four~~three customer groups: (1) Residential, (2) Commercial Non-Demand, and (3) Demand Billed~~, and (4) Street Lighting~~. 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.

T
TD

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 Minnesota Public Utilities Commission. The TCR factor for each rate schedule is:

Residential	$0.003236 per kWh
Commercial (Non-Demand)	$0.003073 per kWh
Demand Billed	$0.906 per kW

Recoverable Transmission Costs shall be the annual revenue requirements for transmission costs associated with transmission projects 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)

Summary List of 2018 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
Table of Contents	1-3		Added "General Rate Adjustment Surcharge Rider."
Table of Contents	5-TOC-2		Added "General Rate Adjustment Surcharge Rider."
Residential Service	5-1	A00, A01, A03	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Residential Time of Day Service	5-2	A02, A04	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Residential Electric Vehicle Service	5-5	A08	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Energy Controlled Service (Non-Demand Metered)	5-9	A05	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Limited Off Peak Service	5-11	A06	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Limited Off Peak Service	5-12	A06	Rate change.
Automatic Protective Lighting Service	5-14	A07	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Small General Service	5-21	A09, A10, A11, A13	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Small General Time of Day Service	5-23, 5-24.1	A12, A16, A18, A22	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
General Service	5-26	A14	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
General Time of Day Service	5-29	A15, A17, A19	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Peak Controlled Service	5-40, 5-41	A23	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Peak Controlled Time of Day Service	5-44, 5-45	A24	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Real Time Pricing Service	5-64, 5-65, 5-66	A62 (Firm), A63 (Controllable)	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.

Summary List of 2018 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
Hiawatha Light Rail Line Tariff	5-71	A29	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Street Lighting System Service	5-74	A30	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Street Lighting Energy Service (Closed)	5-76	A32	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Street Lighting Energy Service – Metered	5-78	A34	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Street Lighting – City of St. Paul	5-80	A37	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Small Municipal Pumping Service	5-85	A40	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Municipal Pumping Service	5-87	A41	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Fire and Civil Defense Siren Service	5-89	A42	1. Rate changes. 2. Added General Rate Adjustment Surcharge Rider paragraph.
Fuel Clause Rider	5-91, 5-91.3		1. Rate changes. 2. Ratio changes. 3. Administrative Correction: Added "Residential Electric Vehicle (A08)" to Rate Schedules by Service Category
Conservation Improvement Program Adjustment Rider	5-92, 5-92.1		Rate changes.
Low Income Energy Discount Rider	5-95		Added Proposed Senior/Medical Assistance Program Language
Standby Service Rider	5-101		Rate changes.
Supplemental Generation Service Rider	5-108		Rate changes.
Tier 1 Energy Controlled Service Rider	5-115		Rate changes.
Transmission Cost Recovery Rider	5-144		Administrative Correction: Deleted ", and (4) Street Lighting"

Summary List of 2018 Tariff Changes

Tariff	Sheet No.	Rate Code	Changes
General Rate Adjustment Surcharge Rider	5-148		Added New Rider.

Minnesota Electric Rate Book - MPUC No. 2
2018 Proposed Tariff Sheets

2018 Proposed Tariff Sheet Changes (in addition to those Proposed for 2016)

Sheet No. 1-3, revision 14
Sheet No. 5-TOC-2, revision 12
Sheet No. 5-1, revision 28
Sheet No. 5-2, revision 28
Sheet No. 5-5, revision 16
Sheet No. 5-9, revision 27
Sheet No. 5-11, revision 30
Sheet No. 5-12, revision 7
Sheet No. 5-14, revision 20
Sheet No. 5-21, revision 28
Sheet No. 5-23, revision 28
Sheet No. 5-24.1, revision 11
Sheet No. 5-26, revision 28
Sheet No. 5-29, revision 24
Sheet No. 5-40, revision 20
Sheet No. 5-41, revision 17
Sheet No. 5-44, revision 15
Sheet No. 5-45, revision 22
Sheet No. 5-64, revision 9
Sheet No. 5-65, revision 21
Sheet No. 5-66, revision 7
Sheet No. 5-71, revision 14
Sheet No. 5-74, revision 22
Sheet No. 5-76, revision 21
Sheet No. 5-78, revision 26
Sheet No. 5-80, revision 24
Sheet No. 5-85, revision 27
Sheet No. 5-87, revision 28
Sheet No. 5-89, revision 12
Sheet No. 5-91, revision 25
Sheet No. 5-91.3, revision 11
Sheet No. 5-92, revision 16
Sheet No. 5-92.1, revision 6
Sheet No. 5-95, revision 8
Sheet No. 5-101, revision 17
Sheet No. 5-108, revision 10
Sheet No. 5-115, revision 11
Sheet No. 5-144, revision 12
Sheet No. 5-148, original

2018 Proposed Tariffs
Clean

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	Low Income Energy Discount Rider.	5-95
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N

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)	$10.00	$12.00	R
– Underground (A03)	$12.00	$14.00	R
Energy Charge per kWh			
June - September	$0.10865	$0.10865	R
Other Months	$0.09285	$0.06394	R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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)

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)	$12.00	$14.00	R
Underground (A04)	$14.00	$16.00	R
On Peak Period Energy Charge per kWh			
June - September	$0.21583	$0.21583	R
Other Months	$0.17376	$0.09973	R
Off Peak Period Energy Charge per kWh			
June - September	$0.04420	$0.04420	R
Other Months	$0.04420	$0.04420	R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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)

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		R
June - September	$0.21583	R
Other Months	$0.17376	
Off-Peak Period Energy Charge per kWh	$0.04420	R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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)

ENERGY CONTROLLED SERVICE Section No. 5
(NON-DEMAND METERED) 27th 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	$0.04815	$0.04815	R
Optional			
June - September	$0.10865	$0.09655	R
Other Months	$0.04815	$0.04815	R

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

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 30th 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	--	$65.00	R
Transmission Transformed	--	$65.00	R
Transmission	--	$65.00	R
Energy Charge per kWh			
Secondary Voltage	$0.03760	$0.03760	R
Primary Voltage	--	$0.03652	R
Transmission Transformed	--	$0.03486	R
Transmission	--	$0.03475	R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 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 20th 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	Monthly Rate Per Unit	
Area Units		
100W High Pressure Sodium	$7.87	R
175W Mercury (1)	$7.87	R
250W High Pressure Sodium	$12.58	R
400W Mercury (1)	$12.58	R
Directional Units		
250W High Pressure Sodium	$14.97	R
400W High Pressure Sodium	$18.74	R
1,000W Mercury (1)	$29.15	R

(1) Available to existing installations only.

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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)	$10.00	R
– Metered (A10)	$12.00	R
– Water Heating (A11)	$0.00	
– Direct Current (A13)	$10.00	
Energy Charge per kWh		
June - September	$0.09655	R
Other Months	$0.08076	R
Demand Charge (Direct Current Only) per Month per kW of Connected Load	$3.89	R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 28th 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)	$14.00	R
– kWh Metered (A16)	$12.00	R
– Unmetered (A18)	$10.00	R
– Low Wattage (A22)	(Please see page 5-24.1)	

Energy Charge per kWh	Oct-May	Jun-Sep	
On Peak Period (A12)	$0.12118	$0.15443	R
Off Peak Period (A12)	$0.04420	$0.04420	R
Constant Hourly (A16, A18, A22) (= 35% On, 65% Off)	$0.07114	$0.08278	R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 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 $1.28 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	$25.78		R
Service at Secondary Voltage	Oct-May	Jun-Sep	R
Demand Charge per Month per kW	$11.09	$15.79	
Energy Charge per kWh	$0.03619		R
Energy Charge Credit per Month per kWh All kWh in Excess of 400 Hours Times the Billing Demand	$0.0156		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00108	R
Transmission Transformed Voltage	$1.55	$0.00275	R
Transmission Voltage	$2.35	$0.00285	R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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)	$29.78	R
-- kWh Metered (A17)	$25.78	R
-- Unmetered (A19)	$21.78	R

Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW			
On Peak Period Demand	$11.09	$15.79	R
Off Peak Period Demand in Excess of On Peak Period Demand	$2.35	$2.35	R

Energy Charge per kWh		
On Peak Period Energy	$0.05158	R
Off Peak Period Energy	$0.02487	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	$0.0156	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00108	R
Transmission Transformed Voltage	$1.55	$0.00275	R
Transmission Voltage	$2.35	$0.00285	R

GENERAL RATE ADJUSTMENT N

A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

(Continued on Sheet No. 5-30)

PEAK CONTROLLED SERVICE Section No. 5
RATE CODE A23 20th 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	
Service at Secondary Voltage			
Energy Charge per kWh		$0.03619	R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours		$0.0156	R
Times the Sum of All Billing Demands			
Demand Charge per Month per kW	Tier 1	Tier 2	
Firm Demand			
June - September	$15.79	$15.79	R
Other Months	$11.09	$11.09	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	$9.52	R
Level B: ≥ 65% and < 85% PF	$7.94	$8.65	R
Level C: ≥ 85% PF	$7.36	$8.14	R
Short Notice Rider	$6.86	Not Available	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00108	
Transmission Transformed Voltage	$1.55	$0.00275	R
Transmission Voltage	$2.35	$0.00285	R
			R

(Continued on Sheet No. 5-41)

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate N
Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N

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)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
RATE CODE A24 15th 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	
Service at Secondary Voltage		
Energy Charge per kWh		
On Peak Period Energy	$0.05158	R
Off Peak Period Energy	$0.02487	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	$0.0156	R

(Continued on Sheet No. 5-45)

RATE (Continued)

Demand Charge per Month per kW	Tier 1	Tier 2	
On Peak Period Demand			
Firm Demand			
June - September	$15.79	$15.79	R
Other Months	$11.09	$11.09	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	$9.52	
Level B: ≥ 65% and < 85% PF	$7.94	$8.65	R
Level C: ≥ 85% PF	$7.36	$8.14	R
Short Notice Rider	$6.86	Not Available	R
			R
Off Peak Period Demand in Excess of On Peak Period Demand (Jan-Dec)	$2.35	$2.35	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00108	R
Transmission Transformed Voltage	$1.55	$0.00275	R
Transmission Voltage	$2.35	$0.00285	R

GENERAL RATE ADJUSTMENT N

A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 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 $10.56 R

Distribution Demand by Voltage

Secondary	Primary	Transmission Transformed	Transmission
$2.07	$1.07	$0.46	$0.00

Energy Charge per kWh	Day-Type								
	1	2	3	4	5	6	7	8	
12 a.m.-6 a.m.	$0.03634	$0.03079	$0.02862	$0.02721	$0.02661	$0.02543	$0.02476	$0.02358	R
6 a.m.- 9 a.m.	$0.06045	$0.04943	$0.04072	$0.04228	$0.04112	$0.03646	$0.03057	$0.02591	R
9 a.m.-12 p.m.	$0.15529	$0.09064	$0.05930	$0.04849	$0.03869	$0.03246	$0.02790	$0.02668	
12 p.m.- 6 p.m.	$0.25226	$0.17104	$0.09162	$0.05661	$0.03869	$0.03246	$0.02790	$0.02668	R
6 p.m.- 9 p.m.	$0.18761	$0.12297	$0.07504	$0.04973	$0.03869	$0.03246	$0.02790	$0.02668	
9 p.m.-12 a.m.	$0.06045	$0.04943	$0.04396	$0.03889	$0.03299	$0.03065	$0.02750	$0.02591	R

Day-type energy charges are subject to the Stability Factor Adjustment provision. R

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 $0.2200
All kWh during peak period hours in excess of Contract Demand

Energy Charge Credit per Month $0.0120
All kWh in excess of 400 times Contract Demand, not to exceed 50% of total kWh

Energy Charge Voltage Discount per kWh R

Primary	Transmission Transformed	Transmission
$0.00108	$0.00275	$0.00285

R

(Continued on Sheet No. 5-65)

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

DAY-TYPE
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.

(Continued on Sheet No. 5-65.1)

DETERMINATION OF DEMAND

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		
Level A: < 65% PF	$5.73	$1.03	$0.1440	R
Level B: ≥ 65% and < 85% PF	$6.53	$1.83	$0.1020	R
Level C: ≥ 85% PF	$6.97	$2.27	$0.0820	R

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.

(Continued on Sheet No. 5-67)

LIGHT RAIL LINE TARIFF
RATE CODE A29

Section No. 5
14th Revised Sheet No. 71

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		$5.98	R
Off Peak Period Non-Coincident Demand in Excess of On Peak Period Non-Coincident Demand		$1.55	R
Generation Demand Charge per Month per kW	**OCT-MAY**	**JUN-SEP**	
Rail Line On Peak Coincident Billing Demand	$4.52	$9.32	R
Energy Charge per kWh			
On Peak Period Energy		$0.05050	R
Off Peak Period Energy		$0.02379	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		$0.01340	R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 22nd Revised Sheet No. 74

AVAILABILITY
Available for year-round illumination of public streets, parkways, and highways by High Pressure Sodium (HPS) or Metal Halide electric lamps in 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	Overhead	Underground	Decorative	Option	
70W High Pressure Sodium	$10.27	$21.03	--	$6.38	R
100W High Pressure Sodium	$10.88	$21.63	$34.29	$7.15	R
150W High Pressure Sodium	$11.71	$22.47	$35.54	$8.08	R
200W High Pressure Sodium*	$13.81	--	--	--	R
250W High Pressure Sodium	$14.88	$25.15	$37.76	$10.33	R
400W High Pressure Sodium	$18.08	$28.04	$40.45	$13.35	R
175W Metal Halide	$16.03	$29.94	$40.45	$14.50	R

*Closed to new customers

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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.

(Continued on Sheet No 5-74.1)

STREET LIGHTING ENERGY SERVICE (CLOSED)
RATE CODE A32

Section No. 5
21st 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	Monthly Rate per Luminaire	
100W Mercury	$2.58	R
175W Mercury	$3.86	R
250W Mercury	$5.23	R
400W Mercury	$8.17	R
700W Mercury	$13.59	R
1,000W Mercury	$18.92	R
50W High Pressure Sodium	$1.43	R
70W High Pressure Sodium	$1.81	R
100W High Pressure Sodium	$2.42	R
150W High Pressure Sodium	$3.32	R
200W High Pressure Sodium	$4.43	R
250W High Pressure Sodium	$5.60	R
400W High Pressure Sodium	$8.53	R
750W High Pressure Sodium	$14.67	R
F72HO Fluorescent	$3.61	

GENERAL RATE ADJUSTMENT N

A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

(Continued on Sheet No. 5-77)

STREET LIGHTING ENERGY SERVICE - METERED Section No. 5
RATE CODE A34 26th 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	R
Energy Charge per kWh	$0.04835	R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N 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.

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
RATE CODE A37 24th 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	$5.72	R
150W High Pressure Sodium	$6.41	R
250W High Pressure Sodium	$8.98	R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 27th 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	$12.00	$12.00	R
Energy Charge per kWh	$0.08076	$0.09655	R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 28th 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	$25.78		R
	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW	$11.09	$15.79	R
Energy Charge per kWh	$0.03619		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	$0.0156		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	$0.80	$0.00108	R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 12th 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 $0.80 R

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N R

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

MONTHLY MINIMUM CHARGE
Net per Month $3.86

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.

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 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.

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	1.0000	1.0177	R
C&I Non-Demand	1.0305	1.0000	1.0305	
C&I Demand	0.9930	1.0054	0.9984	
C&I Demand TOD On-Peak	0.9930	1.2574	1.2486	
C&I Demand TOD Off-Peak	0.9930	0.8224	0.8166	
Outdoor Lighting	0.7976	1.0000	0.7976	R

BASE COST OF ENERGY

The System Base Cost of Energy is $0.02714 per kWh. The FAF for each service category includes a Base Cost of Energy, which is the System Base Cost of Energy multiplied by the applicable FAF Ratio. R

Service Category	Base Cost of Energy	
Residential	$0.02762	R
C&I Non-Demand	$0.02797	
C&I Demand Non-TOD	$0.02710	
C&I Demand TOD On-Peak	$0.03389	
C&I Demand TOD Off-Peak	$0.02216	
Outdoor Lighting	$0.02165	R

(Continued on Sheet No. 5-91.1)

RATE SCHEDULES BY SERVICE CATEGORY

Residential
Residential (A00, A01, A03)
Residential TOD (A02, A04)
Energy Controlled (A05)
Limited Off-Peak (A06)
Residential Electric Vehicle (A08)

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 – Non-TOD
General (A14)
Peak Controlled (A23)
Municipal Pumping (A41)

N

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)
Light Rail Line (A29)

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 October 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. Quarterly forecasts of the fuel and purchased energy costs will also be available.

CONSERVATION IMPROVEMENT PROGRAM Section No. 5
ADJUSTMENT RIDER 16th Revised Sheet No. 92

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	$0.001427 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	$0.003089 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	$0.003089 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.

LOW INCOME ENERGY DISCOUNT RIDER

AVAILABILITY

Available to any residential customer who is certified and receiving assistance from the Low Income Home Energy Assistance Program (LIHEAP) during the federal fiscal year. Customers must receive certification annually through authorized LIHEAP agencies to be eligible for this discount Rider.

Senior/Medical Assistance Program is available to any residential customer age 62 or older, or with medical or life support designation, whose household income level is between 50% and 60% of the state median income. N N

DISCOUNT PROGRAM

Eligible Senior and / or Disabled customers receive a $15 discount in each monthly billing period.

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. 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.

Senior/Medical Assistance PROGRAM N

Program details to be determined. 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)

STANDBY SERVICE RIDER

Section No. 5
17th Revised Sheet No. 101

AVAILABILITY

Applicable to customers that use an alternative generation source with a capacity greater than 100 kW, where the alternative generation serves all or a portion of customer's electric energy requirements and where customer chooses to use the Company's electric service to serve that load when the alternative generation is either partly or wholly unavailable.

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.

RESERVATION RATE

	Firm Standby		Non-Firm	
	Unscheduled Maintenance	Scheduled Maintenance	Standby	
Customer Charge per Month	$25.78	$25.78	$25.78	R
Demand Charge per Month per kW of Contracted Standby Capacity				
Secondary Voltage Service	$3.59	$3.49	$2.35	R
Primary Voltage Service	$2.79	$2.69	$1.55	R
Transmission Transformed Voltage Service	$2.04	$1.94	$0.80	R
Transmission Voltage Service	$1.24	$1.14	$0.00	R
Hours per kW of Contracted Standby Capacity - Annual Grace Period Use of Unscheduled Standby, Exemption from the Demand Charge Component of the "Usage Rates" below.	964	964	0	

USAGE RATES

Demand Charge per kW of Standby Capacity Used. After the Annual Grace Period hours provided for Unscheduled and Scheduled Service are used up, the Demand Charge of the base tariff, to which this Rider is attached, replaces the above Reservation Rate.

Energy Charge per kWh of Standby Energy Used. All energy used under this Rider will be charged at the applicable energy rate of the base tariff to which this Rider is attached.

PHOTOVOLTAIC SOLAR CREDIT

A capacity credit of $5.15 per month per kW is applicable when the alternative generation source used by the customer is photovoltaic solar. This credit shall only be applied to the applicable Demand Charge of the base tariff for the contracted demand component of the Usage Rates outside of the Grace Period.

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. 5-102)

SUPPLEMENTAL GENERATION SERVICE RIDER

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	$25.78	R
Demand Charge per Month per kW of Contracted Supplemental Service		
Secondary Voltage Service	$3.49	R
Primary Voltage Service	$2.69	R
Transmission Transformed Voltage Service	$1.94	R
Transmission Voltage Service	$1.14	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 11th 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	$0.05158	R
Firm Off Peak Period Energy	$0.02487	R
Controllable On Peak Period Energy	$0.04938	R
Controllable Off Peak Period Energy	$0.02420	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.

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(Continued on Sheet No. 5-116)

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. T TD

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 Minnesota Public Utilities Commission. The TCR factor for each rate schedule is:

Residential	$0.003236 per kWh
Commercial (Non-Demand)	$0.003073 per kWh
Demand Billed	$0.906 per kW

Recoverable Transmission Costs shall be the annual revenue requirements for transmission costs associated with transmission projects 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)

GENERAL RATE ADJUSTMENT SURCHARGE RIDER

Section No. 5
Original Sheet No. 148

AVAILABILITY N

The General Rate Surcharge applies to:

1. Customer, Energy, Demand and Minimum Charges
2. Energy Charge Credits
3. Limited Energy Surcharges
4. Controllable Demand Credits
5. Voltage Discounts
6. Fixed Charges for Low Wattage Unmetered Devices
7. Lighting Rates per Luminaire and Lighting Rates per Unit
8. Siren Service Rate per Horsepower
9. Residential Controlled Air Conditioning and Water Heating Discounts (Energy and Fuel Cost Charges)
10. Commercial and Industrial Controlled Air Conditioning Credits
11. Standby Service Rider
12. Supplemental Service Rider
13. Tier 1 Energy Controlled Service Rider
14. Area Development Rider
15. Competitive Response Rider
16. Tier 1 Peak Controlled Short Notice Rider
17. Business Incentive and Sustainability Rider

The General Rate Surcharge does not apply to:

1. Fuel Clause Rider
2. Conservation Improvement Program Adjustment Rider
3. Low Income Discounts (Energy and Fuel Cost Charges)
4. Low Income Program Surcharges
5. Off Season Load 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. State Energy Policy Rate Rider
12. Renewable Development Fund Rider
13. Transmission Cost Recovery Rider
14. Renewable Energy Standard Rider
15. Net Energy Billing Service
16. Late Payment Charge

RATE

Each rate schedule that the General Rate Surcharge applies to contains the following text:

GENERAL RATE ADJUSTMENT

A 2.026% General Rate Surcharge will be applied to rate components specified in the “General Rate Adjustment Surcharge Rider” to service provided beginning January 1, 2018. N

2018 Proposed Tariffs
Redline

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~~13th~~14th Revised Sheet No. 3

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Item — Sheet No.

RIDER

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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~~$10.00	~~$10.00~~$12.00	R
– Underground (A03)	~~$10.00~~$12.00	~~$12.00~~$14.00	R
Energy Charge per kWh			
June - September	~~$0.09395~~$0.10865	~~$0.09395~~$0.10865	R
Other Months	~~$0.08040~~$0.09285	~~$0.05819~~$0.06394	R
			~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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)

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~~$12.00	~~$12.00~~$14.00	R
Underground (A04)	~~$12.00~~$14.00	~~$14.00~~$16.00	R
On Peak Period Energy Charge per kWh			
June - September	~~$0.20077~~$0.21583	~~$0.20077~~$0.21583	R
Other Months	~~$0.16454~~$0.17376	~~$0.10912~~$0.09973	R
Off Peak Period Energy Charge per kWh			
June - September	~~$0.03015~~$0.04420	~~$0.03015~~$0.04420	R
Other Months	~~$0.03015~~$0.04420	~~$0.03015~~$0.04420	R

GENERAL RATE ADJUSTMENT ~~D~~ N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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)

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		R
June - September	~~$0.17564~~$0.21583	R
Other Months	~~$0.14170~~$0.17376	
Off-Peak Period Energy Charge per kWh	~~$0.03300~~$0.04420	R
		~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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)

ENERGY CONTROLLED SERVICE
(NON-DEMAND METERED)
RATE CODE A05

Section No. 5
~~26th~~27th 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	~~$0.04283~~$0.04815	~~$0.04283~~$0.04815	R
Optional			
June - September	~~$0.09395~~$0.10865	~~$0.08787~~$0.09655	R
Other Months	~~$0.04283~~$0.04815	~~$0.04283~~$0.04815	R

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

~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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
RATE CODE A06

Section No. 5
~~29th~~30th 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~~$65.00	R
Transmission Transformed	--	~~$60.00~~$65.00	R
Transmission	--	~~$60.00~~$65.00	R
Energy Charge per kWh			
Secondary Voltage	~~$0.02642~~$0.03760	~~$0.02642~~$0.03760	R
Primary Voltage	--	~~$0.02549~~$0.03652	R
Transmission Transformed	--	~~$0.02369~~$0.03486	R
Transmission	--	~~$0.02358~~$0.03475	R
			~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 ~~$0.308~~$0.360 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 ~~19th~~20th 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	Monthly Rate Per Unit	
Area Units		
100W High Pressure Sodium	~~$7.34~~$7.87	R
175W Mercury (1)	~~$7.34~~$7.87	R
250W High Pressure Sodium	~~$11.64~~$12.58	R
400W Mercury (1)	~~$11.64~~$12.58	R
Directional Units		
250W High Pressure Sodium	~~$12.62~~$14.97	R
400W High Pressure Sodium	~~$16.12~~$18.74	R
1,000W Mercury (1)	~~$25.52~~$29.15	R

(1) Available to existing installations only.

~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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~~$10.00	R
– Metered (A10)	~~$10.00~~$12.00	R
– Water Heating (A11)	$0.00	
– Direct Current (A13)	$10.00	
Energy Charge per kWh		
June - September	~~$0.08787~~$0.09655	R
Other Months	~~$0.07432~~$0.08076	R
Demand Charge (Direct Current Only) per Month per kW of Connected Load	~~$3.48~~$3.89	R

~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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)

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~~$14.00	R
– kWh Metered (A16)	~~$10.00~~$12.00	R
– Unmetered (A18)	~~$8.00~~$10.00	R
– Low Wattage (A22)	(Please see page 5-24.1)	

Energy Charge per kWh	Oct-May	Jun-Sep	
On Peak Period (A12)	~~$0.12280~~$0.12118	~~$0.15123~~$0.15443	R
Off Peak Period (A12)	~~$0.03015~~$0.04420	~~$0.03015~~$0.04420	R
Constant Hourly (A16, A18, A22) (= 35% On, 65% Off)	~~$0.06258~~$0.07114	~~$0.07253~~$0.08278	R
			~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 ~~$0.28~~$0.30 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~~$1.28 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	~~$25.75~~$25.78		R
Service at Secondary Voltage	Oct-May	Jun-Sep	
Demand Charge per Month per kW	~~$9.96~~$11.09	~~$14.07~~$15.79	R
Energy Charge per kWh	~~$0.03201~~$0.03619		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	~~$0.0140~~$0.0156		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00108	R
Transmission Transformed Voltage	~~$1.60~~$1.55	~~$0.00274~~$0.00275	R
Transmission Voltage	~~$2.40~~$2.35	~~$0.00284~~$0.00285	R

~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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)	~~$29.75~~$29.78	R
-- kWh Metered (A17)	~~$25.75~~$25.78	R
-- Unmetered (A19)	~~$21.75~~$21.78	R

	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW			
On Peak Period Demand	~~$9.96~~$11.09	~~$14.07~~$15.79	R
Off Peak Period Demand in Excess of On Peak Period Demand	~~$2.40~~$2.35	~~$2.40~~$2.35	R

Energy Charge per kWh		
On Peak Period Energy	~~$0.04482~~$0.05158	R
Off Peak Period Energy	~~$0.02233~~$0.02487	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	~~$0.0140~~$0.0156	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00108	R
Transmission Transformed Voltage	~~$1.60~~$1.55	~~$0.00274~~$0.00275	R
Transmission Voltage	~~$2.40~~$2.35	~~$0.00284~~$0.00285	R
			~~D~~

GENERAL RATE ADJUSTMENT N

A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

(Continued on Sheet No. 5-30)

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		
Service at Secondary Voltage			
Energy Charge per kWh	~~$0.03201~~$0.03619		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours	~~$0.0140~~$0.0156		R
Times the Sum of All Billing Demands			
Demand Charge per Month per kW	Tier 1	Tier 2	
Firm Demand			
June - September	~~$14.07~~$15.79	~~$14.07~~$15.79	R
Other Months	~~$9.96~~$11.09	~~$9.96~~$11.09	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	~~$8.21~~$9.52	R
Level B: ≥ 65% and < 85% PF	~~$6.70~~$7.94	~~$7.40~~$8.65	R
Level C: ≥ 85% PF	~~$6.13~~$7.36	~~$6.90~~$8.14	R
Short Notice Rider	~~$5.63~~$6.86	Not Available	R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00108	R
Transmission Transformed Voltage	~~$1.60~~$1.55	~~$0.00274~~$0.00275	R
Transmission Voltage	~~$2.40~~$2.35	~~$0.00284~~$0.00285	R

(Continued on Sheet No. 5-41)

~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate N
Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N

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)

PEAK CONTROLLED TIME OF DAY SERVICE Section No. 5
RATE CODE A24 ~~14th~~15th 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	
Service at Secondary Voltage		
Energy Charge per kWh		
On Peak Period Energy	~~$0.04482~~$0.05158	R
Off Peak Period Energy	~~$0.02233~~$0.02487	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	~~$0.0140~~$0.0156	R

(Continued on Sheet No. 5-45)

RATE (Continued)

	Tier 1	Tier 2	
Demand Charge per Month per kW			
On Peak Period Demand			
Firm Demand			
June - September	~~$14.07~~$15.79	~~$14.07~~$15.79	R
Other Months	~~$9.96~~$11.09	~~$9.96~~$11.09	R
Controllable Demand (Jan-Dec)			
Level A: < 65% PF	Not Available	~~$8.21~~$9.52	
Level B: ≥ 65% and < 85% PF	~~$6.70~~$7.94	~~$7.40~~$8.65	R
Level C: ≥ 85% PF	~~$6.13~~$7.36	~~$6.90~~$8.14	R
Short Notice Rider	~~$5.63~~$6.86	Not Available	R
			R
Off Peak Period Demand in Excess of On Peak Period Demand (Jan-Dec)	~~$2.40~~$2.35	~~$2.40~~$2.35	R

	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00108	R
Transmission Transformed Voltage	~~$1.60~~$1.55	~~$0.00274~~$0.00275	R
Transmission Voltage	~~$2.40~~$2.35	~~$0.00284~~$0.00285	R

~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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)

REAL TIME PRICING SERVICE Section No. 5
RATE CODE: A62 (FIRM), A63 (CONTROLLABLE) ~~8th~~9th Revised Sheet No. 64

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 ~~$9.06~~$10.56 R

Distribution Demand by Voltage

Secondary	Primary	Transmission Transformed	Transmission
$2.07	$1.07	$0.46	$0.00

R

Energy Charge per kWh

	Day-Type 1	2	3	4	5	6	7	8	
12 a.m.-6 a.m.	$0.03634 ~~$0.03228~~	$0.03079 ~~$0.02460~~	$0.02862 ~~$0.02160~~	$0.02721 ~~$0.01965~~	$0.02661 ~~$0.01883~~	$0.02543 ~~$0.01719~~	$0.02476 ~~$0.01627~~	$0.02358 ~~$0.01463~~	R
6 a.m.- 9 a.m.	$0.06045 ~~$0.06563~~	$0.04943 ~~$0.05038~~	$0.04072 ~~$0.03834~~	$0.04228 ~~$0.04050~~	$0.04112 ~~$0.03889~~	$0.03646 ~~$0.03244~~	$0.03057 ~~$0.02430~~	$0.02591 ~~$0.01785~~	R
9 a.m.-12 p.m.	$0.15529 ~~$0.19679~~	$0.09064 ~~$0.10738~~	$0.05930 ~~$0.06403~~	$0.04849 ~~$0.04908~~	$0.03869 ~~$0.03553~~	$0.03246 ~~$0.02692~~	$0.02790 ~~$0.02061~~	$0.02668 ~~$0.01892~~	R
12 p.m.- 6 p.m.	$0.25226 ~~$0.33090~~	$0.17104 ~~$0.21857~~	$0.09162 ~~$0.10873~~	$0.05661 ~~$0.06031~~	$0.03869 ~~$0.03553~~	$0.03246 ~~$0.02692~~	$0.02790 ~~$0.02061~~	$0.02668 ~~$0.01892~~	R
6 p.m.- 9 p.m.	$0.18761 ~~$0.24149~~	$0.12297 ~~$0.15209~~	$0.07504 ~~$0.08580~~	$0.04973 ~~$0.05080~~	$0.03869 ~~$0.03553~~	$0.03246 ~~$0.02692~~	$0.02790 ~~$0.02061~~	$0.02668 ~~$0.01892~~	R
9 p.m.-12 a.m.	$0.06045 ~~$0.06563~~	$0.04943 ~~$0.05038~~	$0.04396 ~~$0.04282~~	$0.03889 ~~$0.03581~~	$0.03299 ~~$0.02765~~	$0.03065 ~~$0.02441~~	$0.02750 ~~$0.02006~~	$0.02591 ~~$0.01785~~	R

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
Maximum	8	8	16	50	n/a	n/a	n/a	n/a

Limited Energy Surcharge per kWh ~~$0.1760~~$0.2200 R
All kWh during peak period hours in excess of Contract Demand

Energy Charge Credit per Month $0.0120 ~~R~~
All kWh in excess of 400 times Contract Demand, not to exceed 50% of total kWh

Energy Charge Voltage Discount per kWh

Primary	Transmission Transformed	Transmission
~~$0.00093~~$0.00108	~~$0.00274~~$0.00275	~~$0.00284~~$0.00285

R

(Continued on Sheet No. 5-65)

GENERAL RATE ADJUSTMENT ~~D~~N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

DAY-TYPE
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.

(Continued on Sheet No. 5-65.1)

DETERMINATION OF DEMAND

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		
Level A: < 65% PF	~~$5.32~~$5.73	~~$1.21~~$1.03	~~$0.1240~~$0.1440	R
Level B: ≥ 65% and < 85% PF	~~$6.07~~$6.53	~~$1.96~~$1.83	~~$0.0880~~$0.1020	R
Level C: ≥ 85% PF	~~$6.51~~$6.97	~~$2.40~~$2.27	~~$0.0700~~$0.0820	R

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.

(Continued on Sheet No. 5-67)

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	~~$4.24~~$5.98		R
Off Peak Period Non-Coincident Demand in Excess of On Peak Period Non-Coincident Demand	~~$1.50~~$1.55		R
Generation Demand Charge per Month per kW	**OCT-MAY**	**JUN-SEP**	
Rail Line On Peak Coincident Billing Demand	~~$4.82~~$4.52	~~$8.93~~$9.32	R
Energy Charge per kWh			
On Peak Period Energy	~~$0.04389~~		
	$0.05050		R
Off Peak Period Energy	~~$0.02140~~		
	$0.02379		R
Energy Charge Credit per Month per kWh			
All Energy in Excess of 400 Hours Times the On Peak Period	~~$0.01200~~		
	$0.01340		R
Coincident Billing Demand, Not to Exceed 50% of the Energy			~~D~~

GENERAL RATE ADJUSTMENT N

A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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. 5-72)

SURCHARGE

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

(Continued on Sheet No. 5-72)

AVAILABILITY

Available for year-round illumination of public streets, parkways, and highways by High Pressure Sodium (HPS) or Metal Halide electric lamps in 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	Overhead	Underground	Decorative	Option	
70W High Pressure Sodium	~~$8.95~~$10.27	~~$17.67~~$21.03	--	~~$5.50~~$6.38	R
100W High Pressure Sodium	~~$9.44~~$10.88	~~$18.16~~$21.63	~~$28.16~~$34.29	~~$6.14~~$7.15	R
150W High Pressure Sodium	~~$10.15~~$11.71	~~$18.87~~$22.47	~~$29.25~~$35.54	~~$6.94~~$8.08	R
200W High Pressure Sodium*	~~$11.89~~$13.81	--	--	--	R
250W High Pressure Sodium	~~$12.78~~$14.88	~~$21.29~~$25.15	~~$31.11~~$37.76	~~$8.83~~$10.33	R
400W High Pressure Sodium	~~$15.50~~$18.08	~~$23.72~~$28.04	~~$33.36~~$40.45	~~$11.38~~$13.35	R
175W Metal Halide	~~$13.86~~$16.03	~~$25.51~~$29.94	~~$33.36~~$40.45	~~$12.47~~$14.50	R

*Closed to new customers

~~D~~

GENERAL RATE ADJUSTMENT N

A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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.

(Continued on Sheet No 5-74.1)

STREET LIGHTING ENERGY SERVICE (CLOSED)
RATE CODE A32

Section No. 5
~~20th~~21st 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	Monthly Rate per Luminaire	
100W Mercury	~~$2.37~~$2.58	R
175W Mercury	~~$3.53~~$3.86	R
250W Mercury	~~$4.78~~$5.23	R
400W Mercury	~~$7.45~~$8.17	R
700W Mercury	~~$12.39~~$13.59	R
1,000W Mercury	~~$17.24~~$18.92	R
50W High Pressure Sodium	~~$1.32~~$1.43	R
70W High Pressure Sodium	~~$1.67~~$1.81	R
100W High Pressure Sodium	~~$2.22~~$2.42	R
150W High Pressure Sodium	~~$3.04~~$3.32	R
200W High Pressure Sodium	~~$4.05~~$4.43	R
250W High Pressure Sodium	~~$5.12~~$5.60	R
400W High Pressure Sodium	~~$7.79~~$8.53	R
750W High Pressure Sodium	~~$13.37~~$14.67	R
F72HO Fluorescent	$3.61	

~~D~~

GENERAL RATE ADJUSTMENT N

A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

(Continued on Sheet No. 5-77)

STREET LIGHTING ENERGY SERVICE - METERED Section No. 5
RATE CODE A34 ~~25th~~26th 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	~~$4.75~~$5.00	R
Energy Charge per kWh	~~$0.04402~~$0.04835	R ~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N 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.

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	~~$5.35~~$5.72	R
150W High Pressure Sodium	~~$6.07~~$6.41	R
250W High Pressure Sodium	~~$8.78~~$8.98	R
		~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N

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 ~~26th~~27th 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~~$12.00	~~$10.00~~$12.00	R
Energy Charge per kWh	~~$0.07432~~$0.08076	~~$0.08787~~$0.09655	R

GENERAL RATE ADJUSTMENT ~~D~~ N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 ~~27th~~28th 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	~~$25.75~~$25.78		R
	Oct-May	Jun-Sep	
Service at Secondary Voltage			
Demand Charge per Month per kW	~~$9.96~~$11.09	~~$14.07~~$15.79	R
Energy Charge per kWh	~~$0.03201~~$0.03619		R
Energy Charge Credit per Month per kWh			
All kWh in Excess of 400 Hours Times the Billing Demand	~~$0.0140~~$0.0156		R
	January - December		
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	~~$0.90~~$0.80	~~$0.00093~~$0.00108	R

~~D~~

GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N N

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 ~~11th~~12th 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 ~~$0.75~~$0.80 R

~~D~~
GENERAL RATE ADJUSTMENT N
A 2.026% General Rate Surcharge will be applied to rate components specified in the "General Rate Adjustment Surcharge Rider" to service provided beginning January 1, 2018. N
N
R

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

MONTHLY MINIMUM CHARGE
Net per Month ~~$3.61~~$3.86

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.

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 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.

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	~~1.0185~~1.0177	1.0000	~~1.0185~~1.0177
C&I Non-Demand	~~1.0493~~1.0305	1.0000	~~1.0493~~1.0305
C&I Demand	~~0.9922~~0.9930	~~1.0107~~1.0054	~~1.0028~~0.9984
C&I Demand TOD On-Peak	~~0.9922~~0.9930	~~1.2832~~1.2574	~~1.2732~~1.2486
C&I Demand TOD Off-Peak	~~0.9922~~0.9930	~~0.8050~~0.8224	~~0.7987~~0.8166
Outdoor Lighting	~~0.7446~~0.7976	1.0000	~~0.7446~~0.7976

R R

BASE COST OF ENERGY

The System Base Cost of Energy is ~~$0.02780~~$0.02714 per kWh. The FAF for each service category includes a Base Cost of Energy, which is the System Base Cost of Energy multiplied by the applicable FAF Ratio. R

Service Category	Base Cost of Energy
Residential	~~$0.02831~~$0.02762
C&I Non-Demand	~~$0.02917~~$0.02797
C&I Demand Non-TOD	~~$0.02788~~$0.02710
C&I Demand TOD On-Peak	~~$0.03539~~$0.03389
C&I Demand TOD Off-Peak	~~$0.02220~~$0.02216
Outdoor Lighting	~~$0.02070~~$0.02165

R R

(Continued on Sheet No. 5-91.1)

RATE SCHEDULES BY SERVICE CATEGORY

Residential
Residential (A00, A01, A03)
Residential TOD (A02, A04)
Energy Controlled (A05)
Limited Off-Peak (A06)
Residential Electric Vehicle (A08) N

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 – Non-TOD
General (A14)
Peak Controlled (A23)
Municipal Pumping (A41)

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)
Light Rail Line (A29)

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 October 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. Quarterly forecasts of the fuel and purchased energy costs will also be available.

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	~~$0.001386~~$0.001427 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	~~$0.003130~~$0.003089 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	~~$0.003130~~$0.003089 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.

LOW INCOME ENERGY DISCOUNT RIDER

Section No. 5
~~7th~~8th Revised Sheet No. 95

AVAILABILITY

Available to any residential customer who is certified and receiving assistance from the Low Income Home Energy Assistance Program (LIHEAP) during the federal fiscal year. Customers must receive certification annually through authorized LIHEAP agencies to be eligible for this discount Rider.

Senior/Medical Assistance Program is available to any residential customer age 62 or older, or with medical or life support designation, whose household income level is between 50% and 60% of the state median income. N N

DISCOUNT PROGRAM

Eligible Senior and / or Disabled customers receive a $15 discount in each monthly billing period.

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. 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.

Senior/Medical Assistance PROGRAM N
Program details to be determined. 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)

STANDBY SERVICE RIDER

Section No. 5
~~16th~~17th Revised Sheet No. 101

AVAILABILITY

Applicable to customers that use an alternative generation source with a capacity greater than 100 kW, where the alternative generation serves all or a portion of customer's electric energy requirements and where customer chooses to use the Company's electric service to serve that load when the alternative generation is either partly or wholly unavailable.

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.

RESERVATION RATE

	Firm Standby		Non-Firm	
	Unscheduled Maintenance	Scheduled Maintenance	Standby	
Customer Charge per Month	~~$25.75~~$25.78	~~$25.75~~$25.78	~~$25.75~~$25.78	R
Demand Charge per Month per kW of Contracted Standby Capacity				
Secondary Voltage Service	~~$3.47~~$3.59	~~$3.37~~$3.49	~~$2.40~~$2.35	R
Primary Voltage Service	~~$2.57~~$2.79	~~$2.47~~$2.69	~~$1.50~~$1.55	R
Transmission Transformed Voltage Service	~~$1.87~~$2.04	~~$1.77~~$1.94	$0.80	R
Transmission Voltage Service	~~$1.07~~$1.24	~~$0.97~~$1.14	$0.00	R
Hours per kW of Contracted Standby Capacity - Annual Grace Period Use of Unscheduled Standby, Exemption from the Demand Charge Component of the "Usage Rates" below.	964	964	0	

USAGE RATES

Demand Charge per kW of Standby Capacity Used. After the Annual Grace Period hours provided for Unscheduled and Scheduled Service are used up, the Demand Charge of the base tariff, to which this Rider is attached, replaces the above Reservation Rate.

Energy Charge per kWh of Standby Energy Used. All energy used under this Rider will be charged at the applicable energy rate of the base tariff to which this Rider is attached.

PHOTOVOLTAIC SOLAR CREDIT

A capacity credit of $5.15 per month per kW is applicable when the alternative generation source used by the customer is photovoltaic solar. This credit shall only be applied to the applicable Demand Charge of the base tariff for the contracted demand component of the Usage Rates outside of the Grace Period.

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. 5-102)

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	~~$25.75~~$25.78	R
Demand Charge per Month per kW of Contracted Supplemental Service		
Secondary Voltage Service	~~$3.37~~$3.49	R
Primary Voltage Service	~~$2.47~~$2.69	R
Transmission Transformed Voltage Service	~~$1.77~~$1.94	R
Transmission Voltage Service	~~$0.97~~$1.14	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 ~~10th~~11th 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	~~$0.04482~~$0.05158	R
Firm Off Peak Period Energy	~~$0.02233~~$0.02487	R
Controllable On Peak Period Energy	~~$0.04261~~$0.04938	R
Controllable Off Peak Period Energy	~~$0.02178~~$0.02420	R
Control Period Energy	$0.09000	

TERMS AND CONDITIONS OF SERVICE L

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. L

(Continued on Sheet No. 5-116)

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 ~~four~~three customer groups: (1) Residential, (2) Commercial Non-Demand, and (3) Demand Billed~~, and (4) Street Lighting~~. 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.

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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 Minnesota Public Utilities Commission. The TCR factor for each rate schedule is:

Residential	$0.003236 per kWh
Commercial (Non-Demand)	$0.003073 per kWh
Demand Billed	$0.906 per kW

Recoverable Transmission Costs shall be the annual revenue requirements for transmission costs associated with transmission projects 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)

GENERAL RATE ADJUSTMENT SURCHARGE RIDER

Section No. 5
Original Sheet No. 148

AVAILABILITY N

The General Rate Surcharge applies to:

1. Customer, Energy, Demand and Minimum Charges
2. Energy Charge Credits
3. Limited Energy Surcharges
4. Controllable Demand Credits
5. Voltage Discounts
6. Fixed Charges for Low Wattage Unmetered Devices
7. Lighting Rates per Luminaire and Lighting Rates per Unit
8. Siren Service Rate per Horsepower
9. Residential Controlled Air Conditioning and Water Heating Discounts (Energy and Fuel Cost Charges)
10. Commercial and Industrial Controlled Air Conditioning Credits
11. Standby Service Rider
12. Supplemental Service Rider
13. Tier 1 Energy Controlled Service Rider
14. Area Development Rider
15. Competitive Response Rider
16. Tier 1 Peak Controlled Short Notice Rider
17. Business Incentive and Sustainability Rider

The General Rate Surcharge does not apply to:

1. Fuel Clause Rider
2. Conservation Improvement Program Adjustment Rider
3. Low Income Discounts (Energy and Fuel Cost Charges)
4. Low Income Program Surcharges
5. Off Season Load 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. State Energy Policy Rate Rider
12. Renewable Development Fund Rider
13. Transmission Cost Recovery Rider
14. Renewable Energy Standard Rider
15. Net Energy Billing Service
16. Late Payment Charge

RATE

Each rate schedule that the General Rate Surcharge applies to contains the following text:

GENERAL RATE ADJUSTMENT

A 2.026% General Rate Surcharge will be applied to rate components specified in the “General Rate Adjustment Surcharge Rider” to service provided beginning January 1, 2018. N