

Southwestern Public Service Company

2018 Lead Lag Study

12 Months Ended December 31, 2018

Invoices for

Fuel Coal Census

Southwestern Public Service Company
 Fuel Coal Census (1)
 12 Months Ended December 31, 2018

Line No.	Census 1 Sample 2	Acctng Doc	Clearing Doc	Description	InvoiceNo	Amount \$	Invoice Date	Invoice Amount \$
1	1			COAL SUPPLIER 1			12/31/17	
2	1			COAL SUPPLIER 1			01/31/18	
3	1			COAL SUPPLIER 1			02/28/18	
4	1			COAL SUPPLIER 1			03/31/18	
5	1			COAL SUPPLIER 1			04/30/18	
6	1			COAL SUPPLIER 1			04/30/18	
7	1			COAL SUPPLIER 1			05/31/18	
8	1			COAL SUPPLIER 1			06/30/18	
9	1			COAL SUPPLIER 1			07/31/18	
10	1			COAL SUPPLIER 1			08/31/18	
11	1			COAL SUPPLIER 1			09/30/18	
12	1			COAL SUPPLIER 1			10/31/18	
13	1			COAL SUPPLIER 1			11/30/18	



December 2017

COAL INVOICE
SUMMARY

	\$	
	\$	
TOTAL INVOICE	\$	

OK to pay
1-9-2018



January 2018

COAL INVOICE
SUMMARY

[Redacted]

\$

[Redacted]

[Redacted]

\$

[Redacted]

TOTAL INVOICE

\$

[Redacted]

ak
2-24-2018



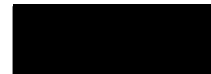


February 2018

COAL INVOICE
SUMMARY



\$

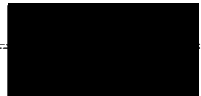


\$



TOTAL INVOICE

\$



*OK to pay
3-14-2018*



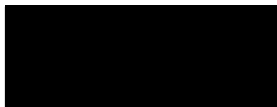


MARCH 2018

**COAL INVOICE
SUMMARY**



\$



\$



TOTAL INVOICE

\$



OK
4-12-2018



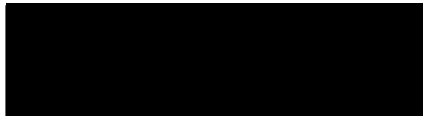
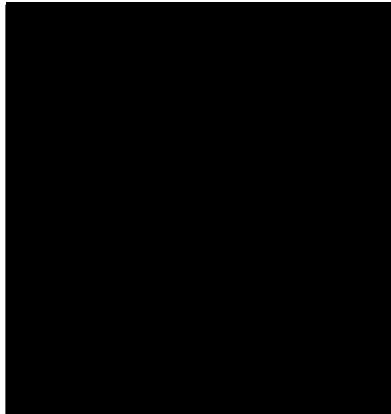


APRIL 2018

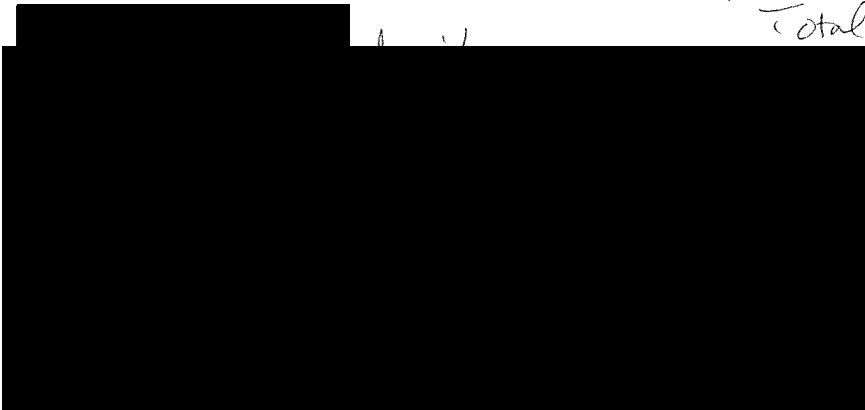
COAL INVOICE
SUMMARY



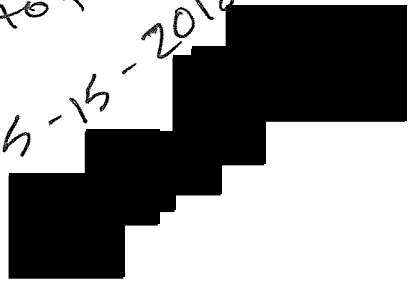
TOTAL INVOICE



*Revised
total*



*OK to pay revised number
5-15-2018*





APRIL 2018

COAL INVOICE
SUMMARY

Supplemental invoice for April 2018 Invoice from [redacted] to Southwestern Public Service
reflecting unpaid handling amount.



\$ -

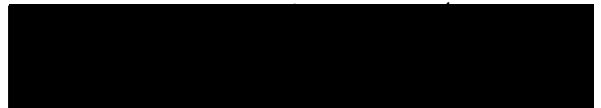
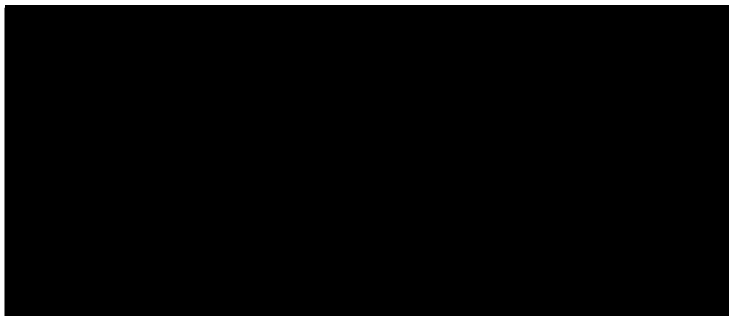


\$



TOTAL INVOICE

\$



05/17/2018

ok to pay

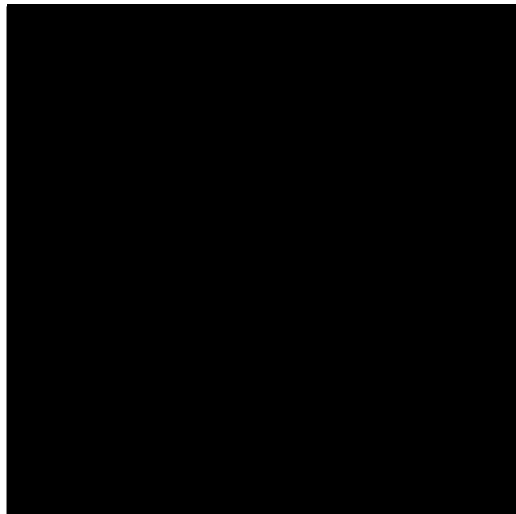
5/18/2018





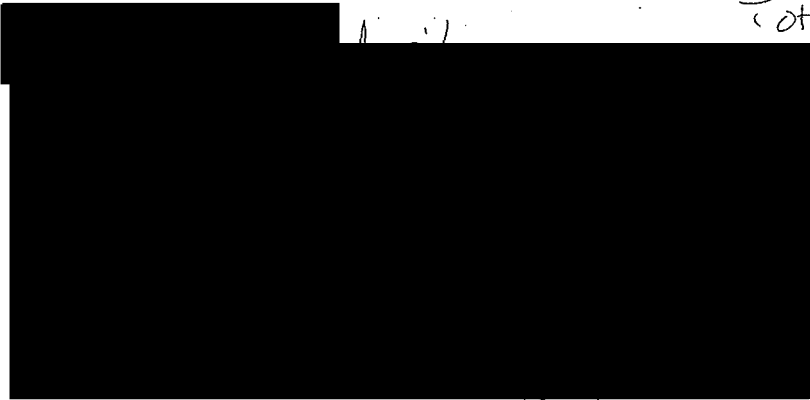
APRIL 2018

COAL INVOICE
SUMMARY

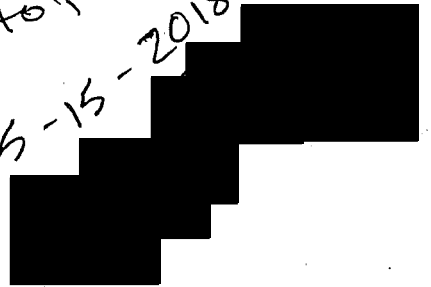


TOTAL INVOICE

*Revised
total*



*OK to pay revised number
5-15-2018*



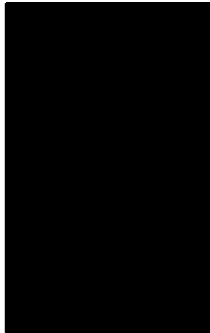
Handling Charges

MARCH 2018

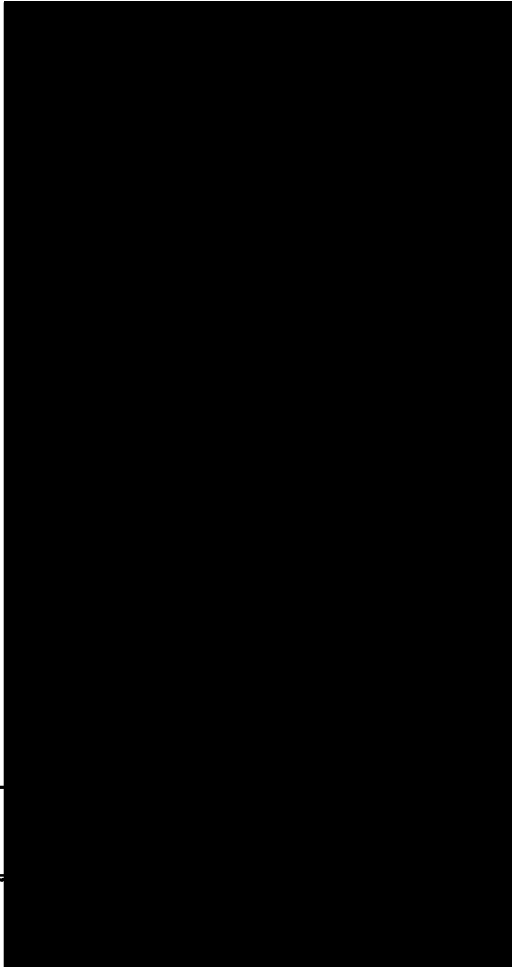
Invoice Ref #

Savage Invoices

- Management Fee- APR 2018
- Service Fee -APR 2018
- Expenses -MAR 2018
- On Time Bonus JAN 2018
- On Time Bonus FEB 2018
- Admin, Operating and Parts Fee MAR 2018
- Rail Services Fee MAR 2018
- Budgeted Fuel Reserve APR 2018
- O&M Budgeted Cost APR 2018
- Expenses FEB 2018



\$\$\$



Subtotal

€

Plus: Additional amounts allocated to Handling



- switching fee
- switching fee
- switching fee
- switching fee



€

Total

€

€

Total Handling Charges for Period

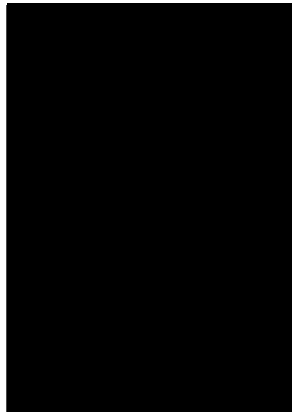
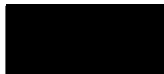
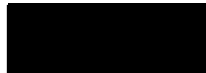
€

2,



MAY 2018

COAL INVOICE
SUMMARY



TOTAL INVOICE

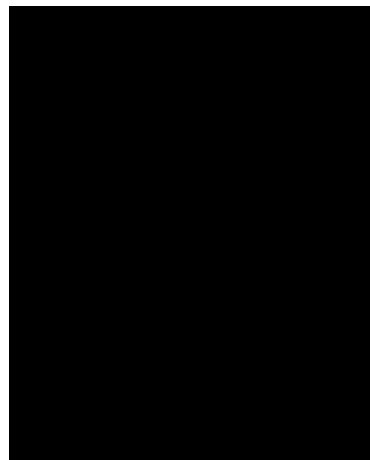
OK to pay
6-14-18





June 2018

COAL INVOICE
SUMMARY



TOTAL INVOICE

*OK to pay
7-13-18*



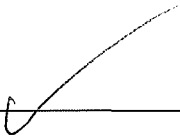
 Invoice Review Checklist

Invoice Date: June 2018

Check if verified and accurate

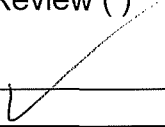
Margin Verification ()

Errors or correction needed:



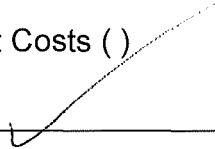
 Invoice and Back-up Material Review ()


Errors or correction needed:



 Invoice Review for Mine & Freight Costs ()

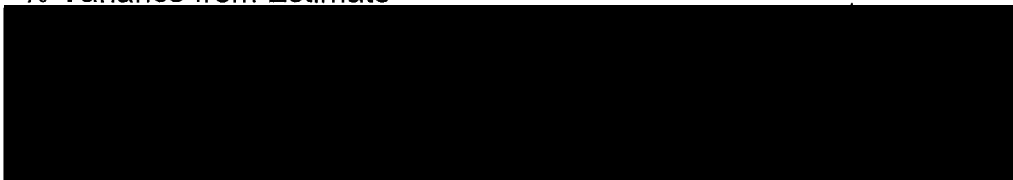
Errors or correction needed:

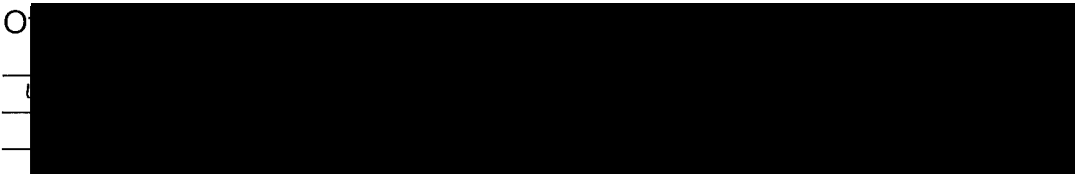


 Invoice Review for Taxes, Assessments and Prior Unbilled Charges ()

Errors or correction needed:

% Variance from Estimate





Signed: 

Date: 7/13/18



July 2018

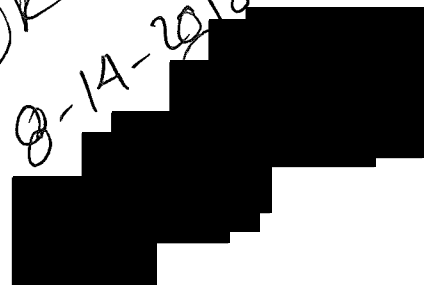
COAL INVOICE
SUMMARY



TOTAL INVOICE



*OK to Pay
8-14-2018*



 Invoice Review Checklist

Invoice Date: August 2018

Check if verified and accurate

Margin Verification ()

Errors or correction needed:



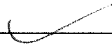
 Invoice and Back-up Material Review ()

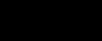
Errors or correction needed:



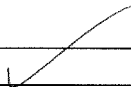
 Invoice Review for Mine & Freight Costs ()

Errors or correction needed:

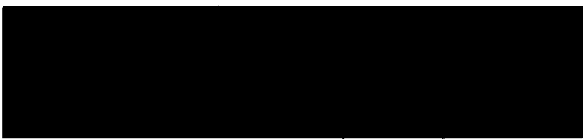


 Invoice Review for Taxes, Assessments and Prior Unbilled Charges ()

Errors or correction needed:



% Variance from Estimate



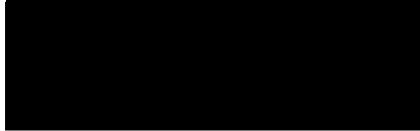
 ther

Signed



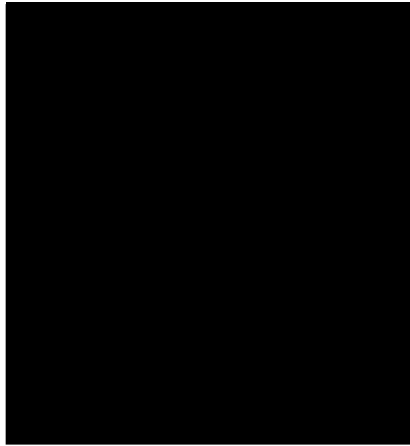
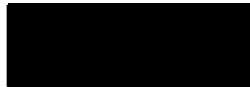
Date:

9 / 12 / 18



August 2018

COAL INVOICE
SUMMARY



TOTAL INVOICE

OK to Gary
8-13-18

A series of black rectangular redaction boxes of varying sizes arranged in a descending staircase pattern.

Confidential Data
9/5/2018 15:22

August 2018

Invoice Summary

Total Tons Consumed for the period 273,071.25 ✓
Total MMBTU Consumed for the period 4,845,976.96 ✓

Detail of Current Month Charges

	Dollars	\$/ton	\$/MMBTU
A Mine Cost			
B Transportation			
C Handling			
D Assessments & Taxes			
E Lost Coal (Net)			
F Margin			
G Prior Adjustments			
	\$		\$

Authorized Signature _____ Date 09/06/2018

9-11-18
9-10
Page 4 of 4

Invoice Summary

August 2018

Total Tons Consumed for the period	251,298.20 ✓
Total MMBTU Consumed for the period	4,465,726.59

Detail of Current Month Charges

	Dollars	\$/ton	\$/MMBTU
A Mine Cost	[REDACTED]		
B Transportation			
C Handling			
D Assessments & Taxes			
E Lost Coal (Net)			
F Margin			
G Prior Adjustments			

[REDACTED]

Authorized Signature

09/06/2018

Date

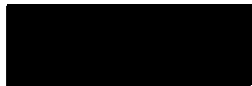
OK to Pay!

[REDACTED]



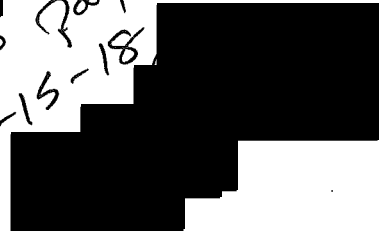
September 2018

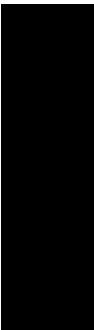
COAL INVOICE
SUMMARY



TOTAL INVOICE

*OK to Pay
10-15-18*





Confidential Data

10/3/2018 15:40

Invoice Summary



September 2018

Total Tons Consumed for the period 178,734.70 ✓ *A2a*

Total MMBTU Consumed for the period 3,170,368.63 ✓ *A2b*

Detail of Current Month Charges

	Dollars	\$/ton	\$/MMBTU
A Mine Cost	[Redacted]		
B Transportation	[Redacted]		
C Handling	[Redacted]		
D Assessments & Taxes	[Redacted]		
E Lost Coal (Net)	[Redacted]		
F Margin	[Redacted]		
G Prior Adjustments	[Redacted]		



Authorized Signature

10/03/2018

Date

10-8-18

10/9/18



A

Invoice Summary

September 2018

Total Tons Consumed for the period	257,909.91 ✓ <i>B1a</i>
Total MMBTU Consumed for the period	4,579,827.20 <i>B1b</i>

Detail of Current Month Charges

	Dollars	\$/ton	\$/MMBTU
A Mine Cost	[Redacted]		
B Transportation	[Redacted]		
C Handling	[Redacted]		
D Assessments & Taxes	[Redacted]		
E Lost Coal (Net) <i>Calc. 5% of total mine & freight</i>	[Redacted]		
F Margin	[Redacted]		
G Prior Adjustments	[Redacted]		

[Redacted] _____ 10/03/2018 _____
 Authorized Signature Date

Authorized Signature

OK to Pay!

[Redacted]

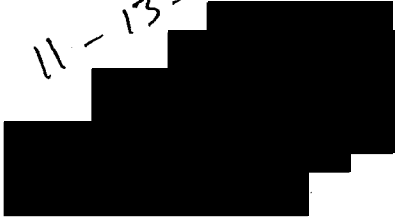
B



October 2018

COAL INVOICE
SUMMARY

	
	
TOTAL INVOICE	

OK to pay
11-13-18




November 2018

COAL INVOICE
SUMMARY



TOTAL INVOICE



*OK to pay
Dec 12, 2018*



November 2018

Invoice Summary

Total Tons Consumed for the period *Area* 231,957.80 ✓
Total MMBTU Consumed for the period *Alb* 4,112,841.30 ✓

Detail of Current Month Charges

	Dollars	\$/ton	\$/MMBTU
A Mine Cost			
B Transportation			
C Handling			
D Assessments & Taxes			
E Lost Coal (Net) <i>Case 1%</i>			
F Margin <i>Total mined freight</i>			
G Prior Adjustments			

Authorized Signature

12/05/2018

Date

Approved -
12/10/19
2/10/19

A



Invoice Summary



Confidential Data

12/5/2018 10:52

November 2018

Total Tons Consumed for the period *B.a* 191,477.65
 Total MMBTU Consumed for the period *B.B* 3,399,773.60

Detail of Current Month Charges

	Dollars	\$/ton	\$/MMBTU
A Mine Cost			
B Transportation			
C Handling			
D Assessments & Taxes			
E Lost Coal (Net) <i>Calc 15%</i>			
F Margin <i>of total mine & freight</i>			
G Prior Adjustments			



Authorized Signature

12/05/2018

Date

[Redacted]
Handling Charges

November 2018

Invoice Ref #

Savage Invoices

Management Fee- NOV 2018
Service Fee -NOV 2018
Expenses -OCT 2018

On Time Bonus Sept *Oct?*
Admin Fee Oct *Nov?*
Rail Services Mngt Fee Nov
Budgeted Fuel Revenue Dec
O&M Budgeted Cost Dec
Expenses Oct

Subtotal

Plus: Additional amounts allocated to Handling

[Redacted] Switching
[Redacted] Switching
[Redacted] Switching
[Redacted] dwell

Total

Total Handling Charges for Period

[Redacted]

3

c

Southwestern Public Service Company

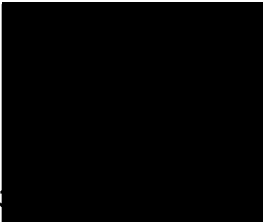
2018 Lead Lag Study

12 Months Ended December 31, 2018

Invoices for

Fuel Oil Census

RFP Cover Sheet

Item Number	Invoice Number	Invoice Date	Invoice Amount	Gallons
1	350054	1/20/2016		B1
2	349940	1/20/2016		B2
3	349942	1/20/2016		B3
4	349943	1/20/2016		B4
Total				

① ②

A

Southwestern Public Service Company
Fuel Oil Census (1)
12 Months Ended December 31, 2018

Line No.	Pmt Ref Num	Description	Invoice Date	Invoice Amount	InvoiceNo	Amount \$
1	095481700000	FUEL OIL SUPPLIER 1	01/20/2016		349940/42/43/350054	
2	570492700000	FUEL OIL SUPPLIER 1	02/08/2016		351370/75/77/79/82/351401/34	
3	348092800000	FUEL OIL SUPPLIER 1	10/04/2016		100416	

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 350054
Invoice Date: 01/20/16
Ship Date: 01/20/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Service, NM
To: TUCUMCARI, NM

Account No: 66520229 PO No: 2272
Ship Via: RIP GRIFFIN TRUCK SERVIC Sales ID: JP

Terms: NET 10 DAYS
BOL/Ship Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension
------------------------------	---------------------	---------------	-----------

B/L Number-- 72322
180

ULS DYED B5	7,560.0		
Unit Freight On DISTILLATES	7,501.0		

FED LUST DSL TAX	7,560.0		
FED BIO DSL OIL SPILL 5%	7,560.0		
NM GROSS RECEIPTS TAX			

INVOICE DUE ON 01/30/2016

Total Amount:

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 349940
Invoice Date: 01/20/16
Ship Date: 01/20/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Service, NM
To: TUCUMCARI, NM

Account No: 66520229 PO No: 2271 Terms: NET 10 DAYS
Ship Via: RIP GRIFFIN TRUCK SERVIC Sales ID: JP BOL/Ship.Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension

B/L Number-- .72288			
180			
ULS DYED B5	7,564.0		
Unit Freight On DISTILLATES	7,500.0		
FED LUST DSL TAX	7,564.0		
FED BIO DSL OIL SPILL 5%	7,564.0		
NM GROSS RECEIPTS TAX			

INVOICE DUE ON 01/30/2016

Total Amount:

B2

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 349942
Invoice Date: 01/20/16
Ship Date: 01/20/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

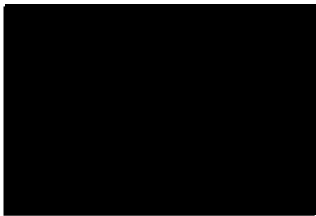
Ship Southwest Public Service, NM
To: TUCUMCARI, NM

Account No:66520229 PO No:2273 Terms: NET 10 DAYS
Ship Via:RIP GRIFFIN TRUCK SERVIC Sales ID:JP BOL/Ship.Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension
------------------------------	---------------------	---------------	-----------

B/L Number-- 72334

180			
ULS DYED B5	7,553.0		
Unit Freight On DISTILLATES	7,500.0		
FED LUST DSL TAX	7,553.0		
FED BIO DSL OIL SPILL 5%	7,553.0		
NM GROSS RECEIPTS TAX			



INVOICE DUE ON 01/30/2016

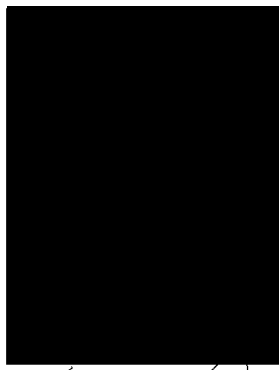
Total Amount:

B3

RFP Cover Sheet

Item Number	Invoice Number	Invoice Date	Invoice Amount	Gallons
1	351370	2/3/2016	\$	B1
2	351375	2/3/2016	\$	B2
3	351377	2/3/2016	\$	B3
4	351379	2/3/2016	\$	B4
5	351382	2/2/2016	\$	B5
6	351401	2/3/2016	\$	B6
7	351434	2/3/2016	\$	B7
8	351435	2/3/2016	\$	B8

Total \$



① ②

7

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 351370
Invoice Date: 02/03/16
Ship Date: 02/03/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Services, V
To: **Plant X

Account No:66520240 PO No: Terms: NET 10 DAYS
Ship Via:RIP GRIFFIN TRUCK SERVIC Sales ID:JP BOL/Ship.Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension
------------------------------	---------------------	---------------	-----------

B/L Number-- 163213

180			
ULS DYED B5	7,525.0		
Unit Freight On DISTILLATES	7,500.0		

FED LUST DSL TAX	7,525.0		
FED BIO DSL OIL SPILL 5%	7,525.0		
TX LOADING FEE	7,525.0		

INVOICE DUE ON 02/13/2016

Total Amount: 

B1

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Phone: (806) 744-2067
Fax: (806) 747-3087

Invoice No: 351375
Invoice Date: 02/03/16
Ship Date: 02/03/16

Profit Center: 32

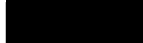
Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Services, V
To: **Plant X

Account No: 66520240 PO No: Terms: NET 10 DAYS
Ship Via: RIP GRIFFIN TRUCK SERVIC Sales ID: JP BOL/Ship Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension
----->			
B/L Number-- 163185			
180			
ULS DYED B5	7,528.0		
Unit Freight On DISTILLATES	7,500.0		
FED LUST DSL TAX	7,528.0		
FED BIO DSL OIL SPILL 5%	7,528.0		
TX LOADING FEE	7,528.0		

INVOICE DUE ON 02/13/2016

Total Amount: 

B2

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 351377
Invoice Date: 02/03/16
Ship Date: 02/03/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202


Ship Southwest Public Services, V
To: **Plant X

Account No:66520240 PO No: Terms: NET 10 DAYS
Ship Via:RIP GRIFFIN TRUCK SERVIC Sales ID:JP BOL/Ship.Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension

B/L Number-- 163215			
180			
ULS DYED B5	7,525.0		
Unit Freight On DISTILLATES	7,500.0		
FED LUST DSL TAX	7,525.0		
FED BIO DSL OIL SPILL 5%	7,525.0		
TX LOADING FEE	7,525.0		

INVOICE DUE ON 02/13/2016

Total Amount: 

B3

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 351379
Invoice Date: 02/03/16
Ship Date: 02/03/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Services, V
To: **Plant X

Account No: 66520240 PO No: Terms: NET 10 DAYS
Ship Via: RIP GRIFFIN TRUCK SERVIC Sales ID: JP BOL/Ship Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension

B/L Number-- 163233			
180			
ULS DYED B5	7,523.0		
Unit Freight On DISTILLATES	7,500.0		
FED LUST DSL TAX	7,523.0		
FED BIO DSL OIL SPILL 5%	7,523.0		
TX LOADING FEE	7,523.0		

INVOICE DUE ON 02/13/2016

Total Amount: [REDACTED]

34

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 351382
Invoice Date: 02/02/16
Ship Date: 02/02/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Services, V
To: LUBBOCK, TX

Account No:66520240 PO No: Terms: NET 10 DAYS
Ship Via:RIP GRIFFIN TRUCK SERVIC Sales ID:JP BOL/Ship.Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension
------------------------------	---------------------	---------------	-----------

B/L Number-- 163074
180

ULS DYED B5	7,535.0		
Unit Freight On DISTILLATES	7,500.0		

FED LUST DSL TAX	7,535.0		
FED BIO DSL OIL SPILL 5%	7,535.0		
TX LOADING FEE	7,535.0		

INVOICE DUE ON 02/12/2016

Total Amount:

BS

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 351401
Invoice Date: 02/03/16
Ship Date: 02/03/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Services, V
To: **Plant X

Account No: 66520240 PO No: Terms: NET 10 DAYS
Ship Via: RIP GRIFFIN TRUCK SERVIC Sales ID: JP BOL/Ship.Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension
------------------------------	---------------------	---------------	-----------

B/L Number-- 163183
180

ULS DYED B5	7,540.0		
Unit Freight On DISTILLATES	7,500.0		

FED LUST DSL TAX	7,540.0		
FED BIO DSL OIL SPILL 5%	7,540.0		
TX LOADING FEE	7,540.0		

INVOICE DUE ON 02/13/2016

Total Amount:

B6

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 351434
Invoice Date: 02/03/16
Ship Date: 02/03/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Services, V
To: *SPS PLANT X*
EARTH, TX

Account No:66520240 PO No:92 Terms: NET 10 DAYS
Ship Via:RIP GRIFFIN TRUCK SERVIC Sales ID:JP BOL/Ship.Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension
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B/L Number-- 163166, 163168
180
ULS DYED B5
Unit Freight On DISTILLATES

7,532.0
7,500.0

FED LUST DSL TAX
FED BIO DSL OIL SPILL 5%
TX LOADING FEE

7,532.0
7,532.0
7,532.0

INVOICE DUE ON 02/13/2016

Total Amount:

B7

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 351435
Invoice Date: 02/03/16
Ship Date: 02/03/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Services, V
To: *SPS PLANT X*
EARTH, TX

Account No:66520240 PO No:95 Terms: NET 10 DAYS
Ship Via:RIP GRIFFIN TRUCK SERVIC Sales ID:JP BOL/Ship.Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension
----->			
B/L Number-- 163204			
180			
ULS DYED B5 PUMP	7,526.0		
Pump Charge		1.0	
Unit Freight On DISTILLATES	7,500.0		
FED LUST DSL TAX	7,526.0		
FED BIO DSL OIL SPILL 5%	7,526.0		
TX LOADING FEE	7,526.0		

INVOICE DUE ON 02/13/2016

Total Amount: [REDACTED]

138

RFP Cover Sheet

Item Number	Invoice Number	Invoice Date	Invoice Amount	Gallons	Dth calc
1	375434	9/29/2016	\$ [REDACTED]	[REDACTED]	B1
2	375683	9/29/2016	\$ [REDACTED]	[REDACTED]	B2
3	375688	9/29/2016	\$ [REDACTED]	[REDACTED]	B3
4	375691	9/29/2016	\$ [REDACTED]	[REDACTED]	B4
5	375694	9/29/2016	\$ [REDACTED]	[REDACTED]	B5

Total \$ [REDACTED]

(1) (2) (3)

A

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 375434
Invoice Date: 09/29/16
Ship Date: 09/29/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Service, NM
To: TUCUMCARI, NM

RELEASE #: 1675

Account No: 66520229 PO No: Terms: NET 10 DAYS
Ship Via: RIP GRIFFIN TRUCK SERVIC Sales ID: JP BOL/Ship Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension

B/L Number-- 756531			
180			
ULS DYED B5	7,347.0		
Unit Freight On DISTILLATES	7,397.0		
FED LUST DSL TAX	7,347.0		
FED BIO DSL OIL SPILL 5%	7,347.0		
NM GROSS RECEIPTS TAX			

INVOICE DUE ON 10/09/2016

Total Amount: 

B1

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 375683
Invoice Date: 09/29/16
Ship Date: 09/29/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

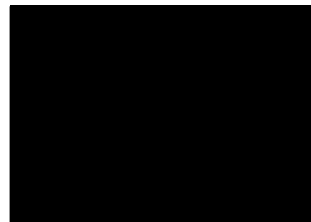
Ship Southwest Public Service, NM
To: TUCUMCARI, NM

RELEASE #: 1678

Account No:66520229 PO No: Terms: NET 10 DAYS
Ship Via:RIP GRIFFIN TRUCK SERVIC Sales ID:JP BOL/Ship.Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension
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B/L Number-- 756538			
180			
ULS DYED B5	7,299.0		
Unit Freight On DISTILLATES	7,350.0		
FED LUST DSL TAX	7,299.0		
FED BIO DSL OIL SPILL 5%	7,299.0		
NM GROSS RECEIPTS TAX			



INVOICE DUE ON 10/09/2016

Total Amount:

132

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 375688
Invoice Date: 09/29/16
Ship Date: 09/29/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Service, NM
To: TUCUMCARI, NM

RELEASE #: 1676

Account No:66520229 PO No: Terms: NET 10 DAYS
Ship Via:RIP GRIFFIN TRUCK SERVIC Sales ID:JP BOL/Ship.Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension
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B/L Number-- 756510

180

ULS DYED B5	7,343.0		
Unit Freight On DISTILLATES	7,396.0		

FED LUST DSL TAX	7,343.0		
FED BIO DSL OIL SPILL 5%	7,343.0		
NM GROSS RECEIPTS TAX			

INVOICE DUE ON 10/09/2016

Total Amount:

133

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 375691
Invoice Date: 09/29/16
Ship Date: 09/29/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Service, NM
To: TUCUMCARI, NM

RELEASE #: 1679

Account No:66520229 PO No: Terms: NET 10 DAYS
Ship Via:RIP GRIFFIN TRUCK SERVIC Sales ID:JP BOL/Ship.Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension

B/L Number-- 756553			
180			
ULS DYED B5	7,349.0		
Unit Freight On DISTILLATES	7,399.0		
FED LUST DSL TAX	7,349.0		
FED BIO DSL OIL SPILL 5%	7,349.0		
NM GROSS RECEIPTS TAX			

INVOICE DUE ON 10/09/2016

Total Amount: 

BY

RIP GRIFFIN TSC, LP
P.O. BOX 10128
LUBBOCK, TX 79408

Page: 1

Invoice No: 375694
Invoice Date: 09/29/16
Ship Date: 09/29/16

Phone: (806) 744-2067
Fax: (806) 747-3087

Profit Center: 32

Sold SOUTHWESTERN PUBLIC SERVICE
To: 1800 LARIMER STREET SUITE 1200
DENVER, CO 80202

Ship Southwest Public Service, NM
To: TUCUMCARI, NM

RELEASE #: 1677

Account No:66520229 PO No: Terms: NET 10 DAYS
Ship Via:RIP GRIFFIN TRUCK SERVIC Sales ID:JP BOL/Ship.Order:

Product Code/ Description	Quantity Shipped	Price Each	Extension

B/L Number-- 756533			
180			
ULS DYED B5	7,444.0		
Unit Freight On DISTILLATES	7,496.0		
FED LUST DSL TAX	7,444.0		
FED BIO DSL OIL SPILL 5%	7,444.0		
NM GROSS RECEIPTS TAX			

INVOICE DUE ON 10/09/2016

Total Amount: 

B5

Southwestern Public Service Company

2018 Lead Lag Study

12 Months Ended December 31, 2018

Invoices in Samples and Census for

Purchased Power Sample

Southwestern Public Service Company
Purchased Power Sample
12 Months Ended December 31, 2018

Line No.	Accounting Document	Description	InvoiceNo	Invoice Date	Invoice Amount \$
1	1900000146	PURCHASED POWER SUPPLIER 1	0097	01/22/18	4,910,028.78
2	1900000493	PURCHASED POWER SUPPLIER 1	00978	02/21/18	4,902,916.54
3	1900000733	PURCHASED POWER SUPPLIER 1	00981	03/16/18	4,673,756.01
4	1900000975	PURCHASED POWER SUPPLIER 1	00983	04/17/18	3,084,491.53
5	1900001422	PURCHASED POWER SUPPLIER 1	00986	05/23/18	3,754,842.37
6	1900001767	PURCHASED POWER SUPPLIER 1	00989	06/20/18	4,058,816.97
7	1900002149	PURCHASED POWER SUPPLIER 1	00994	07/19/18	4,104,827.80
8	1900002451	PURCHASED POWER SUPPLIER 1	00997	08/20/18	4,315,922.31
9	1900002730	PURCHASED POWER SUPPLIER 1	01000	09/19/18	4,334,224.38
10	1900003047	PURCHASED POWER SUPPLIER 1	1004	10/16/18	4,085,511.93
11	1900003419	PURCHASED POWER SUPPLIER 1	1004	11/19/18	4,254,900.51
12	1900003702	PURCHASED POWER SUPPLIER 1	01010	12/18/18	4,823,594.19
13	1900000097	PURCHASED POWER SUPPLIER 2	48118	01/08/18	781,201.11
14	1900000394	PURCHASED POWER SUPPLIER 2	2018-I0048285	02/01/18	989,497.74
15	1900000674	PURCHASED POWER SUPPLIER 2	2018-I0048546	03/12/18	992,658.17
16	1900000940	PURCHASED POWER SUPPLIER 2	CPW-201803	04/09/18	1,003,332.73
17	1900001298	PURCHASED POWER SUPPLIER 2	CPW-201804	05/08/18	1,069,376.32
18	1900001968	PURCHASED POWER SUPPLIER 2	2018-I0049413	07/10/18	1,032,144.84
19	1900002414	PURCHASED POWER SUPPLIER 2	CPW-201807	08/09/18	673,383.85
20	1900002671	PURCHASED POWER SUPPLIER 2	CPW-201808	09/12/18	824,834.51
21	1900003022	PURCHASED POWER SUPPLIER 2	CPW-201809	10/08/18	879,760.52
22	1900003321	PURCHASED POWER SUPPLIER 2	CPW-201810	11/08/18	752,425.10
23	1900003635	PURCHASED POWER SUPPLIER 2	2018-I0051081	12/11/18	827,464.03
24	1900000955	PURCHASED POWER SUPPLIER 3	421887	04/09/18	634,295.80
25	1900001301	PURCHASED POWER SUPPLIER 3	426596	05/08/18	717,120.59
26	1900001722	PURCHASED POWER SUPPLIER 3	430910	06/13/18	771,544.66
27	1900001970	PURCHASED POWER SUPPLIER 3	436418	07/10/18	746,545.42
28	1900002670	PURCHASED POWER SUPPLIER 3	448673	09/12/18	670,480.35
29	1900003657	PURCHASED POWER SUPPLIER 3	464005	12/11/18	433,007.59
30	1900000074	PURCHASED POWER SUPPLIER 4	48170	01/15/18	216,842.20
31	1900001307	PURCHASED POWER SUPPLIER 4	2018-I0049068	05/08/18	170,111.36
32	1900002425	PURCHASED POWER SUPPLIER 4	2018-I0049731	08/16/18	147,691.27
33	1900003339	PURCHASED POWER SUPPLIER 4	2018-I0050881	11/08/18	150,431.34
34	1900003656	PURCHASED POWER SUPPLIER 4	2018-11CIRRUS	12/06/18	158,948.04
35	1900000022	PURCHASED POWER SUPPLIER 5	LEA1217	01/08/18	4,963,729.31
36	1900000449	PURCHASED POWER SUPPLIER 5	LEA0118	02/12/18	4,878,862.01
37	1900000717	PURCHASED POWER SUPPLIER 5	LEA0218	03/12/18	5,055,767.78
38	1900000976	PURCHASED POWER SUPPLIER 5	LEA0318	04/10/18	5,096,172.43
39	1900001375	PURCHASED POWER SUPPLIER 5	LEA0418	05/16/18	5,044,801.58
40	1900001744	PURCHASED POWER SUPPLIER 5	LEA0518	06/13/18	4,854,760.94
41	1900002140	PURCHASED POWER SUPPLIER 5	LEA0618	07/09/18	5,029,699.32
42	1900002468	PURCHASED POWER SUPPLIER 5	LEA0718	08/10/18	5,197,234.57
43	1900002703	PURCHASED POWER SUPPLIER 5	LEA0818	09/10/18	5,006,858.96

Southwestern Public Service Company
Purchased Power Sample
12 Months Ended December 31, 2018

Line No.	Accounting Document	Description	InvoiceNo	Invoice Date	Invoice Amount \$
44	1900002987	PURCHASED POWER SUPPLIER 5	LEA0918	10/09/18	5,158,969.03
45	1900003420	PURCHASED POWER SUPPLIER 5	LEA1018	11/14/18	5,068,764.25
46	1900003601	PURCHASED POWER SUPPLIER 5	LEA1118	12/11/18	5,082,134.89
47	1900003666	PURCHASED POWER SUPPLIER 6	465494	12/03/18	718,395.92
48	1900000085	PURCHASED POWER SUPPLIER 7	48129	01/08/18	1,483,575.81
49	1900000431	PURCHASED POWER SUPPLIER 7	411698	02/16/18	1,828,712.05
50	1900000675	PURCHASED POWER SUPPLIER 7	2018-I0048548	03/12/18	1,515,586.60
51	1900000938	PURCHASED POWER SUPPLIER 7	422136	04/09/18	1,706,612.05
52	1900001310	PURCHASED POWER SUPPLIER 7	426621	05/08/18	1,549,001.30
53	1900001733	PURCHASED POWER SUPPLIER 7	431555	06/13/18	1,512,473.05
54	1900001975	PURCHASED POWER SUPPLIER 7	2018-I0049417	07/10/18	1,752,562.35
55	1900002682	PURCHASED POWER SUPPLIER 7	449230	09/12/18	1,269,188.80
56	1900003028	PURCHASED POWER SUPPLIER 7	453501	10/08/18	1,115,851.55
57	1900003334	PURCHASED POWER SUPPLIER 7	458949	11/08/18	1,324,341.73
58	1900003653	PURCHASED POWER SUPPLIER 7	465480	12/11/18	1,495,231.40
59	1900000043	PURCHASED POWER SUPPLIER 8	OEPS122017	01/09/18	1,468,160.26
60	1900000075	PURCHASED POWER SUPPLIER 8	OELSPS212017	01/09/18	2,190,462.28
61	1900000480	PURCHASED POWER SUPPLIER 8	OEPS012018	02/09/18	2,254,956.62
62	1900000482	PURCHASED POWER SUPPLIER 8	OELSPS2012018	02/09/18	2,759,010.60
63	1900000712	PURCHASED POWER SUPPLIER 8	OELSPS2022018	03/08/18	1,858,958.59
64	1900000714	PURCHASED POWER SUPPLIER 8	OEPS022018	03/08/18	1,298,679.78
65	1900000959	PURCHASED POWER SUPPLIER 8	OELSPS2032018	04/10/18	1,715,826.60
66	1900000960	PURCHASED POWER SUPPLIER 8	OEPS032018	04/10/18	1,177,397.75
67	1900001333	PURCHASED POWER SUPPLIER 8	OELSPS2042018	05/09/18	2,461,177.12
68	1900001334	PURCHASED POWER SUPPLIER 8	OEPS042018	05/09/18	2,057,149.06
69	1900001684	PURCHASED POWER SUPPLIER 8	OELSPS2052018	06/08/18	3,281,895.80
70	1900001689	PURCHASED POWER SUPPLIER 8	OEPS052018	06/08/18	2,988,913.96
71	1900002010	PURCHASED POWER SUPPLIER 8	OEPS062018	07/10/18	3,385,204.34
72	1900002011	PURCHASED POWER SUPPLIER 8	OELSPS2062018	07/10/18	4,467,909.30
73	1900002398	PURCHASED POWER SUPPLIER 8	OEPS072018	08/10/18	3,705,019.64
74	1900002402	PURCHASED POWER SUPPLIER 8	OELSPS2072018	08/10/18	4,657,350.62
75	1900002725	PURCHASED POWER SUPPLIER 8	OEPS082018	09/10/18	2,990,879.93
76	1900002726	PURCHASED POWER SUPPLIER 8	OELSPS2082018	09/10/18	3,859,849.59
77	1900003048	PURCHASED POWER SUPPLIER 8	OELSPS2092018	10/10/18	3,306,744.61
78	1900003049	PURCHASED POWER SUPPLIER 8	OEPS092018	10/10/18	2,426,619.69
79	1900003342	PURCHASED POWER SUPPLIER 8	OELSPS2102018	11/09/18	600,000.00
80	1900003343	PURCHASED POWER SUPPLIER 8	OEPS102018	11/09/18	2,669,220.56
81	1900003599	PURCHASED POWER SUPPLIER 8	OELSPS2112018	12/10/18	595,410.00
82	1900003602	PURCHASED POWER SUPPLIER 8	OEPS112018	12/10/18	2,985,308.22
83	1900000430	PURCHASED POWER SUPPLIER 9	15623	02/05/18	80,718.52
84	1900002989	PURCHASED POWER SUPPLIER 9	15630	10/03/18	130,645.37
85	1900000094	PURCHASED POWER SUPPLIER 10	48128	01/08/18	2,184,551.88
86	1900000427	PURCHASED POWER SUPPLIER 10	411697	02/16/18	2,291,644.74

Southwestern Public Service Company
Purchased Power Sample
12 Months Ended December 31, 2018

WP/E-4(CD)
Page 1922 of 8272
Sponsor: Freitas
2019 TX Rate Case

Line No.	Accounting Document	Description	InvoiceNo	Invoice Date	Invoice Amount \$
87	1900000676	PURCHASED POWER SUPPLIER 10	2018-I0048559	03/12/18	2,247,102.48
88	1900000939	PURCHASED POWER SUPPLIER 10	422135	04/09/18	2,550,461.76
89	1900001309	PURCHASED POWER SUPPLIER 10	426618	05/08/18	2,144,283.54
90	1900001734	PURCHASED POWER SUPPLIER 10	431796	06/13/18	2,249,751.42
91	1900001977	PURCHASED POWER SUPPLIER 10	437834	07/10/18	2,632,125.53
92	1900002673	PURCHASED POWER SUPPLIER 10	449472	09/12/18	1,929,423.68
93	1900003016	PURCHASED POWER SUPPLIER 10	453422	10/08/18	2,246,463.37
94	1900003332	PURCHASED POWER SUPPLIER 10	458676	11/08/18	1,114,827.35
95	1900003652	PURCHASED POWER SUPPLIER 10	463974	12/11/18	2,687,583.28
96	1900003032	PURCHASED POWER SUPPLIER 11	2018-I0050191	10/08/18	56,027.26
97	1900003648	PURCHASED POWER SUPPLIER 11	2018-I0051086	12/11/18	113,562.65
98	1900000695	PURCHASED POWER SUPPLIER 12	2018-I0048566	03/08/18	46,701.62
99	1900001982	PURCHASED POWER SUPPLIER 12	2018-I0049438	07/10/18	45,447.50
100	1900000132	PURCHASED POWER SUPPLIER 13	48127	01/08/18	2,020,511.03
101	1900000432	PURCHASED POWER SUPPLIER 13	0118PROD	02/05/18	2,202,276.11
102	1900000775	PURCHASED POWER SUPPLIER 13	2018-I0048668	03/19/18	2,159,340.37
103	1900000951	PURCHASED POWER SUPPLIER 13	0318PROD	04/10/18	2,257,875.34
104	1900001302	PURCHASED POWER SUPPLIER 13	0418PROD	05/09/18	2,356,466.57
105	1900001739	PURCHASED POWER SUPPLIER 13	0518PROD	06/13/18	2,031,638.63
106	1900001972	PURCHASED POWER SUPPLIER 13	0618PROD	07/10/18	2,145,609.86
107	1900002674	PURCHASED POWER SUPPLIER 13	0818 PROD ROOSEV	09/12/18	1,253,821.13
108	1900003025	PURCHASED POWER SUPPLIER 13	0918PROD	10/08/18	1,508,184.32
109	1900003331	PURCHASED POWER SUPPLIER 13	1018PROD	11/08/18	1,495,158.22
110	1900003661	PURCHASED POWER SUPPLIER 13	1118PROD	12/11/18	1,621,077.04
111	1900000706	PURCHASED POWER SUPPLIER 14	416425	03/12/18	483,519.19
112	1900000943	PURCHASED POWER SUPPLIER 14	421888	04/09/18	630,937.88
113	1900001730	PURCHASED POWER SUPPLIER 14	430911	06/13/18	764,922.79
114	1900001971	PURCHASED POWER SUPPLIER 14	436419	07/10/18	727,890.72
115	1900002420	PURCHASED POWER SUPPLIER 14	442317	08/09/18	683,477.22
116	1900002672	PURCHASED POWER SUPPLIER 14	448672	09/12/18	658,135.15
117	1900003027	PURCHASED POWER SUPPLIER 14	453490	10/08/18	565,063.82
118	1900000079	PURCHASED POWER SUPPLIER 15	48119	01/08/18	1,111,206.72
119	1900000396	PURCHASED POWER SUPPLIER 15	2018-I0048291	02/01/18	1,283,931.49
120	1900000687	PURCHASED POWER SUPPLIER 15	2018-I0048572	03/12/18	1,377,723.17
121	1900000941	PURCHASED POWER SUPPLIER 15	SPS-REPA1506	04/09/18	1,294,698.98
122	1900001293	PURCHASED POWER SUPPLIER 15	SPS - REPA1506	05/08/18	1,534,933.48
123	1900001726	PURCHASED POWER SUPPLIER 15	SPS-REPA1506 MES	06/13/18	1,144,700.59
124	1900001969	PURCHASED POWER SUPPLIER 15	2018-I0049419	07/10/18	1,280,137.81
125	1900002410	PURCHASED POWER SUPPLIER 15	SPS-REPA1506 SAN	08/09/18	775,609.73
126	1900002669	PURCHASED POWER SUPPLIER 15	SPS-REPA 1506	09/12/18	797,537.68
127	1900003020	PURCHASED POWER SUPPLIER 15	SPS-REPA1506 SAN	10/08/18	910,954.79
128	1900003641	PURCHASED POWER SUPPLIER 15	2018-I0051089	12/11/18	1,199,111.16
129	1900000078	PURCHASED POWER SUPPLIER 16	48126	01/08/18	2,011,459.10

Southwestern Public Service Company
Purchased Power Sample
12 Months Ended December 31, 2018

WP/E-4(CD)
Page 1923 of 8272
Sponsor: Freitas
2019 TX Rate Case

Line No.	Accounting Document	Description	InvoiceNo	Invoice Date	Invoice Amount \$
130	1900000429	PURCHASED POWER SUPPLIER 16	0118PROD	02/01/18	2,632,854.36
131	1900000716	PURCHASED POWER SUPPLIER 16	2018-I0048669	03/19/18	2,461,956.17
132	1900000944	PURCHASED POWER SUPPLIER 16	318 PROD	04/09/18	2,623,391.36
133	1900001303	PURCHASED POWER SUPPLIER 16	418 PROD SPIN	05/08/18	2,905,690.53
134	1900001732	PURCHASED POWER SUPPLIER 16	2018-I0049247	06/13/18	2,557,704.71
135	1900001976	PURCHASED POWER SUPPLIER 16	2018-I0049421	07/10/18	2,697,955.43
136	1900002428	PURCHASED POWER SUPPLIER 16	718PROD SPINNING	08/09/18	1,894,242.92
137	1900002684	PURCHASED POWER SUPPLIER 16	818 PROD SPINSPU	09/12/18	2,199,252.81
138	1900003026	PURCHASED POWER SUPPLIER 16	918 PROD	10/08/18	2,304,086.77
139	1900003326	PURCHASED POWER SUPPLIER 16	2018-10 918 PROD	11/08/18	1,899,084.27
140	1900003644	PURCHASED POWER SUPPLIER 16	2018-I0051090	12/11/18	1,999,006.68
141	1900001294	PURCHASED POWER SUPPLIER 17	2018-I0048975	05/08/18	278,460.84
142	1900001724	PURCHASED POWER SUPPLIER 17	2018-I0049232	06/13/18	276,564.93
143	1900002429	PURCHASED POWER SUPPLIER 17	2018-I0049647	08/09/18	206,354.02
144	1900002677	PURCHASED POWER SUPPLIER 17	2018-I0049847	09/12/18	235,606.56
145	1900003014	PURCHASED POWER SUPPLIER 17	2018-09 SUNE 3	10/08/18	181,008.23
146	1900001292	PURCHASED POWER SUPPLIER 18	2018-I0048973	05/08/18	247,377.08
147	1900000076	PURCHASED POWER SUPPLIER 19	48122	01/08/18	125,913.82
148	1900001295	PURCHASED POWER SUPPLIER 19	2018-I0048974	05/08/18	256,545.30
149	1900002676	PURCHASED POWER SUPPLIER 19	2018-I0049846	09/12/18	243,917.25
150	1900003017	PURCHASED POWER SUPPLIER 19	2018-I0050571	10/16/18	180,750.57
151	1900003320	PURCHASED POWER SUPPLIER 19	2018-I0050856	11/08/18	149,524.96
152	1900001296	PURCHASED POWER SUPPLIER 20	2018-I0048977	05/08/18	270,474.41
153	1900003323	PURCHASED POWER SUPPLIER 20	2018-I0050858	11/08/18	149,967.43
154	1900003639	PURCHASED POWER SUPPLIER 20	2018-I0051095	12/11/18	169,726.88
155	1900000948	PURCHASED POWER SUPPLIER 21	2018-I0048787	04/09/18	236,430.31
156	1900001721	PURCHASED POWER SUPPLIER 21	2018-I0049233	06/13/18	285,914.53
157	1900001963	PURCHASED POWER SUPPLIER 21	2018-I0049425	07/10/18	283,035.01
158	1900003328	PURCHASED POWER SUPPLIER 21	2018-I0050857	11/08/18	163,255.51
159	1900000080	PURCHASED POWER SUPPLIER 22	48120	01/08/18	1,802,747.90
160	1900000426	PURCHASED POWER SUPPLIER 22	WW-REPA-1505	02/02/18	2,290,997.21
161	1900000728	PURCHASED POWER SUPPLIER 22	WW-REPA 1505	03/19/18	2,410,039.06
162	1900000952	PURCHASED POWER SUPPLIER 22	WW-REPA 1505	04/10/18	2,516,739.69
163	1900001323	PURCHASED POWER SUPPLIER 22	WW - REPA 1505	05/08/18	2,694,303.07
164	1900001731	PURCHASED POWER SUPPLIER 22	WW-REPA 1505 (MA	06/13/18	2,376,566.80
165	1900001973	PURCHASED POWER SUPPLIER 22	WW-REPA 1505	07/10/18	2,588,814.15
166	1900002426	PURCHASED POWER SUPPLIER 22	WW-REPA 1505 WIL	08/09/18	1,704,930.98
167	1900002681	PURCHASED POWER SUPPLIER 22	WW-REPA 1505 201	09/12/18	2,022,159.05
168	1900003023	PURCHASED POWER SUPPLIER 22	WW-REPA 1505 WIL	10/08/18	2,154,017.37
169	1900003333	PURCHASED POWER SUPPLIER 22	2018-10 WW-REPA	11/08/18	1,707,139.05
170	1900003662	PURCHASED POWER SUPPLIER 22	WW-REPA 1505	12/11/18	1,923,670.76

Borger Energy Associates
P.O. Box 29
Borger, TX 79008-0029
Phone: 806-274-3340
Fax: 806-274-7488

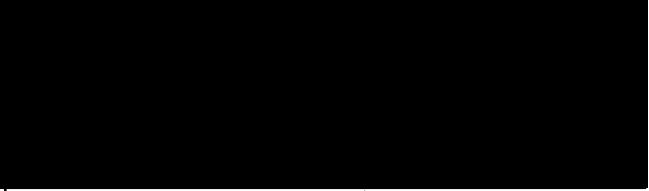
Invoice

Sold To:
Southwestern Public Service Company
Power Purchase & Energy Trading
1800 Larimer Street Suite 1200
Denver, CO 80202

Invoice #: 0097
Invoice Date: 1/15/2017

Attention: Whitney Peterson

Customer PO	Payment Terms	Due Date
	Net due on 25th	1/25/2017

Description	Amount
The December 2017 charges are pursuant to the Power Purchase Agreement between Borger Energy Associates and Southwestern Public Service Company. See attached list for calculations.	
Energy Generation Payment for Dec-17	2,678,784.24
Variable O&M Payment for Dec-17	346,980.90
Capacity Payment for Dec-17	1,524,524.26
Fixed O&M Payment for Dec-17	344,696.53
Pinnacle reservation charge for Dec-17	15,500.00
Less: Sellers charge Dec-17	(457.15)
BANKING INSTRUCTIONS WIRE	
Attention Accounts Payable Please Wire Funding to the following:	
	
Total Invoice Amount \$ 4,910,028.78	

Blackhawk Daily Report

December 2017 Final

Date	Generation		% Plant Loading of		Heat Rate		Gas Cost		Energy Rate		Energy Payment		Total Payment
	KWH	Unit 2	Actual	Capacity	MMBtu / MWH	\$/MMBtu	\$/MWH	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	
12/06/2017	2,171,837	2,363,256	76.20	82.91	7,000	2.57	17,990	18,057	39,037.71	42,653.38	81,691.09		
12/07/2017	2,163,542	2,326,018	75.85	81.54	7,000	2.67	18,690	18,698	40,436.62	43,492.63	83,929.25		
12/08/2017	2,091,528	2,262,254	74.50	80.58	7,000	2.67	18,690	18,690	39,090.58	42,281.45	81,372.02		
12/09/2017	2,136,802	2,310,811	75.79	81.98	7,000	2.67	18,690	18,707	39,936.68	43,229.30	83,165.98		
12/10/2017	2,338,416	2,525,472	77.28	83.47	7,000	2.67	18,690	18,832	43,704.92	47,576.58	91,281.50		
12/11/2017	290,736	2,371,939	9.45	78.44	6,806	2.67	18,194	18,712	5,409.43	44,382.38	49,791.82	X	
12/12/2017	2,265,624	2,448,533	73.26	79.21	6,978	2.67	18,643	18,759	42,320.50	45,963.09	88,283.59		
12/13/2017	2,274,264	2,449,483	76.97	82.91	6,997	2.67	18,682	18,782	42,490.66	46,018.08	88,508.74		
12/14/2017	2,241,346	2,419,632	76.83	82.94	7,000	2.67	18,690	18,774	41,890.96	45,434.79	87,325.75		
12/15/2017	2,206,872	2,386,022	76.56	82.81	7,000	2.67	18,690	18,740	41,246.45	44,714.47	85,960.93		
12/16/2017	2,263,248	2,328,523	77.59	79.85	7,000	2.67	18,690	18,690	42,300.14	43,520.14	85,820.28		
12/17/2017	2,276,424	2,344,939	78.03	80.41	7,000	2.67	18,690	18,707	42,546.67	43,869.48	86,416.15		
12/18/2017	2,252,578	2,319,797	79.04	81.41	7,000	2.67	18,690	18,740	42,100.76	43,480.28	85,581.04		
12/19/2017	2,305,627	2,349,432	77.60	79.08	7,000	2.67	18,690	18,690	43,680.66	44,826.27	88,506.93		
12/20/2017	2,337,120	2,389,306	78.95	80.71	7,000	2.67	18,690	18,757	43,092.29	43,911.00	87,003.30		
12/21/2017	2,247,523	2,311,330	77.62	79.84	7,000	2.67	18,690	18,690	42,006.42	43,198.97	85,205.39		
12/22/2017	2,326,234	2,381,616	78.20	80.06	7,000	2.67	18,690	18,723	43,477.35	44,598.88	88,076.23		
12/23/2017	2,233,872	2,299,104	77.38	79.67	7,000	2.67	18,690	18,690	41,751.12	42,970.31	84,721.44		
12/24/2017	2,243,160	2,312,669	77.51	79.90	7,000	2.67	18,690	18,690	41,924.81	43,223.93	85,148.73		
12/25/2017	2,226,874	2,281,608	77.03	78.95	7,000	2.67	18,690	18,690	41,620.11	42,643.09	84,263.19		
12/26/2017	2,259,230	2,304,936	77.42	78.98	7,000	2.67	18,690	18,690	42,224.83	43,079.07	85,303.90		
12/27/2017	2,377,685	2,421,014	77.24	78.65	7,000	2.65	18,579	18,579	44,176.15	44,980.84	89,157.00	X	
12/28/2017	2,323,685	2,365,114	77.26	78.64	7,000	2.66	18,603	18,603	43,224.59	43,995.35	87,219.94	X	
12/29/2017	2,399,414	2,459,549	77.44	79.38	7,000	2.66	18,643	18,643	44,731.32	45,852.38	90,583.70	X	
12/30/2017	2,320,920	2,384,208	76.83	78.92	7,000	2.66	18,643	18,643	43,268.70	44,448.58	87,717.28	X	
12/31/2017	2,462,832	2,498,256	76.93	78.04	7,000	2.67	18,668	18,668	45,976.31	46,637.20	92,613.52	X	
	2,456,179	2,498,861	76.98	78.32	7,000	2.67	18,672	18,672	45,862.23	46,659.19	92,521.42	X	
	2,401,142	2,473,114	78.27	80.62	6,997	2.67	18,659	18,751	44,808.26	46,396.57	91,204.83	X	
	2,297,808	2,349,302	78.94	80.71	7,006	2.67	18,699	18,749	42,965.44	44,061.68	87,027.12		
	2,539,037	2,609,323	80.57	82.81	7,003	2.67	18,698	18,840	47,477.19	49,180.26	96,657.45		
	2,561,890	2,600,942	79.70	80.92	7,013	2.67	18,723	18,740	47,973.60	48,751.14	96,724.75		

KWH 69,293,448 **Total Payment** 1,292,753.48
 74,146,363 **Total Payment** 1,386,030.76
 2,678,784.24

B

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR1	KVAR2
12/30/17	6	G1	1401449_030030	60	KW	103291.2	0	3801.6
12/30/17	7	G1	1401449_030030	60	KW	103161.6	0	3758.4
12/30/17	8	G1	1401449_030030	60	KW	103204.8	0	3844.8
12/30/17	9	G1	1401449_030030	60	KW	103334.4	0	4968
12/30/17	10	G1	1401449_030030	60	KW	103291.2	0	4838.4
12/30/17	11	G1	1401449_030030	60	KW	103291.2	0	4752
12/30/17	12	G1	1401449_030030	60	KW	103464	0	5227.2
12/30/17	13	G1	1401449_030030	60	KW	111801.6	0	7171.2
12/30/17	14	G1	1401449_030030	60	KW	112924.8	0	7257.6
12/30/17	15	G1	1401449_030030	60	KW	111888	0	7344
12/30/17	16	G1	1401449_030030	60	KW	110289.6	0	6004.8
12/30/17	17	G1	1401449_030030	60	KW	109598.4	0	5227.2
12/30/17	18	G1	1401449_030030	60	KW	109123.2	0	2851.2
12/30/17	19	G1	1401449_030030	60	KW	109209.6	0	3585.6
12/30/17	20	G1	1401449_030030	60	KW	108388.8	0	4752
12/30/17	21	G1	1401449_030030	60	KW	108561.6	0	5313.6
12/30/17	22	G1	1401449_030030	60	KW	109080	0	6868.8
12/30/17	23	G1	1401449_030030	60	KW	109123.2	0	7819.2
12/30/17	24	G1	1401449_030030	60	KW	108950.4	0	6782.4
12/31/17	1	G1	1401449_030030	60	KW	102427.2	0	3067.2
12/31/17	2	G1	1401449_030030	60	KW	101217.6	0	5227.2
12/31/17	3	G1	1401449_030030	60	KW	101649.6	0	6220.8
12/31/17	4	G1	1401449_030030	60	KW	102081.6	0	7041.6
12/31/17	5	G1	1401449_030030	60	KW	102945.6	0	6566.4
12/31/17	6	G1	1401449_030030	60	KW	104155.2	0	6177.6
12/31/17	7	G1	1401449_030030	60	KW	105148.8	0	5918.4
12/31/17	8	G1	1401449_030030	60	KW	105105.6	0	5832
12/31/17	9	G1	1401449_030030	60	KW	105148.8	0	5832
12/31/17	10	G1	1401449_030030	60	KW	105192	0	5788.8
12/31/17	11	G1	1401449_030030	60	KW	105148.8	0	5832
12/31/17	12	G1	1401449_030030	60	KW	105105.6	0	6177.6
12/31/17	13	G1	1401449_030030	60	KW	105148.8	0	6393.6
12/31/17	14	G1	1401449_030030	60	KW	105192	0	6566.4
12/31/17	15	G1	1401449_030030	60	KW	105148.8	0	7300.8
12/31/17	16	G1	1401449_030030	60	KW	104500.8	0	7257.6
12/31/17	17	G1	1401449_030030	60	KW	104241.6	0	7171.2
12/31/17	18	G1	1401449_030030	60	KW	104198.4	0	7387.2
12/31/17	19	G1	1401449_030030	60	KW	113313.6	0	7646.4
12/31/17	20	G1	1401449_030030	60	KW	114177.6	0	8035.2
12/31/17	21	G1	1401449_030030	60	KW	115128	0	8121.6
12/31/17	22	G1	1401449_030030	60	KW	115214.4	0	8208
12/31/17	23	G1	1401449_030030	60	KW	115171.2	0	8424
12/31/17	24	G1	1401449_030030	60	KW	115128	0	8467.2

Total Hours

744

BLACKHAWKG1

G1 Total KW

69,293,448

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C

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
12/30/17	6	G2	1401449_030059	60	KW	104803.2	0	6004.8
12/30/17	7	G2	1401449_030059	60	KW	104716.8	0	5961.6
12/30/17	8	G2	1401449_030059	60	KW	104716.8	0	6048
12/30/17	9	G2	1401449_030059	60	KW	104760	0	6955.2
12/30/17	10	G2	1401449_030059	60	KW	104846.4	0	6868.8
12/30/17	11	G2	1401449_030059	60	KW	104760	0	6825.6
12/30/17	12	G2	1401449_030059	60	KW	104932.8	0	7300.8
12/30/17	13	G2	1401449_030059	60	KW	114393.6	0	8812.8
12/30/17	14	G2	1401449_030059	60	KW	115560	0	8856
12/30/17	15	G2	1401449_030059	60	KW	114912	0	8899.2
12/30/17	16	G2	1401449_030059	60	KW	115041.6	0	8078.4
12/30/17	17	G2	1401449_030059	60	KW	114566.4	0	7430.4
12/30/17	18	G2	1401449_030059	60	KW	113097.6	0	5356.8
12/30/17	19	G2	1401449_030059	60	KW	112968	0	5529.6
12/30/17	20	G2	1401449_030059	60	KW	112968	0	6868.8
12/30/17	21	G2	1401449_030059	60	KW	114091.2	0	7560
12/30/17	22	G2	1401449_030059	60	KW	114177.6	0	8726.4
12/30/17	23	G2	1401449_030059	60	KW	114652.8	0	9590.4
12/30/17	24	G2	1401449_030059	60	KW	114307.2	0	8510.4
12/31/17	1	G2	1401449_030059	60	KW	104587.2	0	5313.6
12/31/17	2	G2	1401449_030059	60	KW	102729.6	0	7171.2
12/31/17	3	G2	1401449_030059	60	KW	103204.8	0	6739.2
12/31/17	4	G2	1401449_030059	60	KW	103593.6	0	4536
12/31/17	5	G2	1401449_030059	60	KW	104500.8	0	3715.2
12/31/17	6	G2	1401449_030059	60	KW	105710.4	0	3196.8
12/31/17	7	G2	1401449_030059	60	KW	106704	0	3110.4
12/31/17	8	G2	1401449_030059	60	KW	106704	0	2937.6
12/31/17	9	G2	1401449_030059	60	KW	106747.2	0	3283.2
12/31/17	10	G2	1401449_030059	60	KW	106920	0	3196.8
12/31/17	11	G2	1401449_030059	60	KW	106876.8	0	3067.2
12/31/17	12	G2	1401449_030059	60	KW	106833.6	0	3326.4
12/31/17	13	G2	1401449_030059	60	KW	106876.8	0	3369.6
12/31/17	14	G2	1401449_030059	60	KW	106876.8	0	3499.2
12/31/17	15	G2	1401449_030059	60	KW	106920	0	4665.6
12/31/17	16	G2	1401449_030059	60	KW	106142.4	0	4622.4
12/31/17	17	G2	1401449_030059	60	KW	105710.4	0	4579.2
12/31/17	18	G2	1401449_030059	60	KW	105667.2	0	4881.6
12/31/17	19	G2	1401449_030059	60	KW	114912	0	4881.6
12/31/17	20	G2	1401449_030059	60	KW	115732.8	0	5227.2
12/31/17	21	G2	1401449_030059	60	KW	116726.4	0	5356.8
12/31/17	22	G2	1401449_030059	60	KW	116769.6	0	5313.6
12/31/17	23	G2	1401449_030059	60	KW	116769.6	0	5702.4
12/31/17	24	G2	1401449_030059	60	KW	116726.4	0	5788.8

Total Hours

744

BLACKHAWKG2

G2 Total KW

74,146,363

D

Blackhawk Availability Factor Rolling Average Totals

No Major Outage Last 12 Months

..... 12 Month

Month	Total EDH	Period Hours	Avail Factor
Jan-2017	13.500	744	0.982
Feb-2017	0.000	672	1.000
Mar-2017	322.500	743	0.566
Apr-2017	133.000	720	0.815
May-2017	1.000	744	0.999
Jun-2017	1.500	720	0.998
Jul-2017	0.000	744	1.000
Aug-2017	0.000	744	1.000
Sep-2017	0.000	720	1.000
Oct-2017	1.000	744	0.999
Nov-2017	19.500	721	0.973
Dec-2017	10.000	744	0.987

Period Rolling Average Availability Factor

502.000

8,760

0.943

Capacity Payment Factor = AF12

Note: Month is Winter

This Period Capacity Payment Factor Calc =
 This Period Capacity Payment Factor for Billing =

1.000
 1.000

December 2017 Final

..... 5 Month On Peak

Month	Total EDH	Period Hours	Avail Factor
Jan-2017	1.000	432	0.998
Feb-2017	1.500	416	0.996
Mar-2017	0.000	400	1.000
Apr-2017	0.000	432	1.000
May-2017	0.000	416	1.000

2.500

2,096

0.999

Plank, Kelsey

From: Baylor, Mark D
Sent: Tuesday, June 20, 2017 8:08 AM
To: Dennehy, Kaitlin
Subject: FW: Borger Energy/SPS PPA-- 2017 Capacity Test Result

FYI

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Baylor, Mark D
Sent: Tuesday, June 20, 2017 8:05 AM
To: dl PPComm
Subject: Borger Energy/SPS PPA-- 2017 Capacity Test Result

The annual summer capacity test was performed at the Borger Energy Blackhawk Facility on June 15, 2017. Performance Monitoring participated in the test. The test resulted in a tested net corrected capacity level of 224.568 MW (based on SPP guidelines). This result compares to a tested summer 2016 capacity level of 219.319 MW. Capacity billing under the PPA is based on the most recent tested capacity level. As specified by the PPA, the new capacity level becomes effective June 16, 2017 for billing purposes. The 5.24 MW increase in the tested capacity level will increase capacity payments under the PPA during the next 12 months by approximately \$624,000.

Please contact me if you have any questions.

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

X #10566

FOURTH AMENDMENT TO
NATURAL GAS PIPELINE CONSTRUCTION AND TRANSPORTATION AGREEMENT

This Fourth Amendment To Natural Gas Pipeline Construction And Transportation Agreement ("Fourth Amendment") is entered into this 17 day of December 2008, by and between Southwestern Public Service Company ("SPS"), Borger Energy Associates, L.P. ("Borger") and MarkWest Blackhawk, L.L.C. ("MarkWest") (SPS, Borger and MarkWest are collectively referred to herein as the "Parties").

WHEREAS, SPS, Borger and MarkWest, by assignment from Pinnacle Pipeline Company, previously entered into a Natural Gas Pipeline Construction And Transportation Agreement dated May 1, 1998, as amended May 31, 2006, December 28, 2006, and December 6, 2007 (the "Agreement"), which, among other things, provided for certain construction, operation and maintenance services with respect to the Blackhawk Pipeline (the "Pipeline") under the terms and conditions set forth therein;

WHEREAS, the Pipeline was constructed to serve certain gas supply needs for Borger's Blackhawk Station;

WHEREAS, in accordance with the terms of the Agreement, the Pipeline and related facilities, equipment, property interests, contracts and other rights, liabilities and obligations have been assigned to and assumed by SPS; and

WHEREAS, the Parties desire to further amend the Agreement as set forth below.

NOW, THEREFORE, in consideration of the premises and mutual covenants and agreements contained herein, and for other good and valuable consideration the sufficiency of which is agreed to by the Parties, the Parties agree as follows:

I. Paragraph 1, Term Extension, Section 17.15, Term shall be deleted in its entirety and replaced with the following:

"1. Term Extension. Section 17.15, Term of the Agreement shall be extended to continue through and including December 31, 2009 ("Primary Term"), whereupon this Agreement shall be automatically renewed for successive renewal terms of one (1) year each, a ("Renewal Term"), unless terminated by either Party giving written notice of termination to the other Party at least thirty (30) days prior to expiration of the Primary Term or any successive Renewal Term."

II. Paragraph 3, Compensation shall be deleted in its entirety and replaced with the following:

"3. Compensation. In consideration of the services provided, Borger agrees to pay and remit to MarkWest \$15,500.00 per month for each month of the extended Term that this Fourth Amendment remains in effect; payable upon its receipt of invoice(s) from

①

BORGER/SPS PPA--2017 Annual Price Adjustments
(Effective June 12)

Year	Quarter	GDP/DPD Value	Annual % Change***	Seller's Charge \$/Month	Fixed O&M Price \$/kW-Month	Variable O&M Price \$/MWh	Capacity Payment Rate \$/kW-Month****
2016	1st-Jan-Mar	110.448*	1.689	447.44	1.502	2.368	\$6.656
2017	1st-Jan-Mar	112.046**	2.171	457.15 (1)	1.536 (2)	2.419 (3)	\$6.789 (4)

*As published by Bureau of Economic Analysis on May 27, 2016 (2009 base year).

**As published by Bureau of Economic Analysis on May 26, 2017 (2009 base year).

*** Applies to Seller's Charge, Fixed O&M Price and Variable O&M Price.

**** From Schedule F-1 of the PPA

5/30/2017

H

Borger Energy Associates
P.O. Box 29
Borger, TX 79008-0029
 Phone: 806-274-3340
 Fax: 806-274-7488

Invoice


Sold To:
 Southwestern Public Service Company
 Power Purchase & Energy Trading
 1800 Larimer Street Suite 1200
 Denver, CO 80202

Invoice #: 00978

2/20/2018

Attention: Whitney Peterson

Customer PO	Payment Terms	Due Date
	Net due on 25th	2/23/2018

Description	Amount
The January 2018 charges are pursuant to the Power Purchase Agreement between Borger Energy Associates and Southwestern Public Service Company. See attached list for calculations.	
Energy Generation Payment for Jan-18	① 2,664,221.61
Variable O&M Payment for Jan-18	② 354,431.29
Capacity Payment for Jan-18	③ 1,524,524.26
Fixed O&M Payment for Jan-18	④ 344,696.53
Pinnacle reservation charge for Jan-18	⑤ 15,500.00
Less: Sellers charge Jan-18	⑥ (457.15)
BANKING INSTRUCTIONS WIRE	
Attention Accounts Payable	
Please Wire Funding to the following:	
	
Total Invoice Amount \$	⑦ 4,902,916.54

Southwestern Public Service Company

BORGER ENERGY ASSOCIATES - BLACKHAWK STATION

Billing Month
Date of Cogeneration Commercial Operation
Contract Term
Meter Read Date

January 2018
June 12, 1999
25 Years
January 31, 2018

#1 Contracted Combustion Turbine Capacity

F 224,558 Kw

Pre-Commercial Operation Energy

Generator No. 1

Generator No. 2

#2 Total Generation

Total
B1 71,851,320 Kwh
B2 74,668,435 Kwh

146,519,755 Kwh (i)

#3 Capacity Payment Rate

H4 \$6.789 /Kw-Mo

#3.1 Capacity Payment AF Adjustment Factor

See attached AF Report

E1 1.0000

#4 Weighted Average Energy Rate (per Article 5.4) (#7/ #2)

\$18.183 /MWh

Heat Rate (MMBtu/MWH) See attached Blackhawk Daily Report

Fuel Cost (\$MMBtu) See attached Blackhawk Daily Report

#5 Variable O&M Rate

H3 \$2.419 /MWh

#6 Fixed O&M Rate

H2 \$1.535 /Kw-Mo

#7 ENERGY PAYMENT CALCULATION

Generation Payment (#7/ #2) = #4

A1 \$ 2,664,221.61

VARIABLE O&M PAYMENT CALCULATION

Variable O&M Payment (#2 X #5)

A2 \$ 354,431.29

BILLING CAPACITY CALCULATION

Capacity Payment (#1 X #3 X3.1)

A3 \$ 1,524,524.26

FIXED O&M PAYMENT CALCULATION

FIXED O&M Payment (#1 X #6)

A4 \$ 344,696.53

PINNACLE RESERVATION CHARGE

A5 \$ 15,500.00 ✓

BILLING ADJUSTMENTS

Sellers Charge

A6 \$ (457.15)

Capacity Shortfall

A7 \$ 4,902,916.54

Blackhawk Daily Report

January 2018 Final

Date	Generation KWH		% Plant Loading of Actual Capacity		Heat Rate MMBtu / MWH		Gas Cost \$/MMBtu		Energy Rate \$/MWH		Energy Payment \$		Total Payment \$	P
	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2		
01/01/2018	2,720,995	2,772,490	84.18	85.78	7,016	7,063	2.51	17,590	17,707	47,894.44	49,118.21	97,012.65	X	
01/02/2018	2,531,693	2,642,803	79.42	82.95	7,000	7,019	2.44	17,102	17,148	43,315.73	45,315.58	88,631.30	X	
01/03/2018	1,295,741	2,503,699	43.87	82.92	6,900	7,028	3.67	25,371	25,782	38,830.48	64,730.12	103,560.61	X	
01/04/2018	2,568,024	2,641,810	85.16	87.61	7,044	7,106	4.80	33,793	34,105	86,645.96	89,998.17	176,644.13	X	
01/05/2018	2,505,686	2,568,758	84.15	86.30	7,034	7,078	3.60	25,341	25,514	64,188.75	66,174.39	130,363.14	X	
01/06/2018	2,259,403	2,304,547	76.48	77.99	7,000	7,000	2.56	17,889	17,889	40,475.18	41,297.79	81,772.98	X	
01/07/2018	2,208,384	2,247,955	77.28	78.66	7,000	7,000	2.40	16,800	16,800	37,101.09	37,765.89	74,866.98	X	
01/08/2018	2,230,891	2,286,101	76.84	78.75	7,000	7,000	2.40	16,800	16,800	37,478.86	38,406.37	75,885.23	X	
01/09/2018	2,190,154	2,245,968	78.40	80.41	7,000	7,000	2.39	16,763	16,763	36,714.23	37,649.50	74,363.73	X	
01/10/2018	2,182,550	2,193,091	79.60	80.00	7,000	7,000	2.42	16,908	16,908	36,898.32	37,077.75	73,976.07	X	
01/11/2018	2,322,907	2,363,947	76.98	78.34	6,997	7,000	2.44	17,104	17,111	39,734.50	40,452.39	80,186.89	X	
01/12/2018	2,453,285	2,557,829	80.45	83.89	7,003	7,066	2.45	17,151	17,304	42,077.57	44,279.02	86,356.59	X	
01/13/2018	2,450,995	2,514,542	79.56	81.65	7,000	7,028	2.42	16,910	16,977	41,445.20	42,690.04	84,135.23	X	
01/14/2018	2,408,573	2,465,467	80.63	82.55	7,003	7,028	2.40	16,808	16,868	40,483.96	41,592.32	82,076.28	X	
01/15/2018	2,398,810	2,444,256	77.46	78.94	7,000	7,000	2.40	16,800	16,800	40,299.99	41,063.49	81,363.47	X	
01/16/2018	2,636,150	2,705,443	81.86	84.02	7,009	7,056	2.40	16,823	16,935	44,348.90	45,827.54	90,176.44	X	
01/17/2018	2,475,014	2,543,746	79.62	81.83	7,016	7,041	2.49	17,479	17,539	43,189.36	44,555.12	87,744.48	X	
01/18/2018	2,321,698	2,394,187	77.69	80.14	6,997	7,025	2.57	17,955	18,027	41,686.79	43,184.30	84,871.09	X	
01/19/2018	2,245,320	2,282,083	78.05	79.33	7,000	7,000	2.46	17,221	17,221	38,705.53	39,337.61	78,043.14	X	
01/20/2018	2,199,010	2,252,664	78.47	80.40	7,000	7,006	2.40	16,800	16,815	36,943.70	37,879.22	74,822.91	X	
01/21/2018	2,253,053	2,295,605	78.42	79.90	7,000	7,000	2.40	16,800	16,800	37,851.34	38,566.21	76,417.55	X	
01/22/2018	2,299,277	2,335,219	77.74	78.95	7,000	7,000	2.40	16,800	16,800	38,627.94	39,231.77	77,859.72	X	
01/23/2018	2,307,528	2,345,026	76.98	78.24	7,000	7,000	2.40	16,800	16,800	38,766.47	39,396.43	78,162.90	X	
01/24/2018	2,436,350	2,510,870	81.99	84.51	7,006	7,041	2.40	16,815	16,898	40,970.88	42,436.68	83,407.55	X	
01/25/2018	2,277,245	2,318,674	78.87	80.31	7,000	7,003	2.40	16,800	16,808	38,257.84	38,972.81	77,230.65	X	
01/26/2018	2,250,158	2,290,723	78.12	79.53	7,000	7,000	2.40	16,800	16,800	37,802.62	38,484.10	76,286.72	X	
01/27/2018	2,296,728	2,351,376	76.80	78.63	7,000	7,000	2.40	16,800	16,800	38,585.20	39,503.29	78,088.49	X	
01/28/2018	2,299,622	2,336,904	77.87	79.12	7,000	7,003	2.40	16,800	16,808	38,633.90	39,279.24	77,913.14	X	
01/29/2018	2,378,419	2,442,658	81.39	83.62	7,044	7,063	2.40	16,887	16,931	40,178.93	41,376.61	81,555.54	X	
01/30/2018	2,240,438	2,281,824	77.75	79.19	7,000	7,000	2.40	16,791	16,791	37,618.00	38,312.95	75,930.95	X	
01/31/2018	2,207,218	2,228,170	77.81	78.55	7,000	7,000	2.40	16,800	16,800	37,081.54	37,433.54	74,515.08	X	

KWH
 C1 71,851,320
 D1 74,668,435
 Total Payment 1,302,833.17
 Total Payment 1,361,388.45
 2,664,221.61

B

Sponsor: Freitas

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
01/30/18	6	G1	1401449_030030	60	KW	97372.8	43.2	0
01/30/18	7	G1	1401449_030030	60	KW	98064	475.2	0
01/30/18	8	G1	1401449_030030	60	KW	98409.6	1080	0
01/30/18	9	G1	1401449_030030	60	KW	97675.2	1641.6	0
01/30/18	10	G1	1401449_030030	60	KW	96379.2	648	0
01/30/18	11	G1	1401449_030030	60	KW	96422.4	43.2	0
01/30/18	12	G1	1401449_030030	60	KW	93441.6	0	0
01/30/18	13	G1	1401449_030030	60	KW	91368	0	0
01/30/18	14	G1	1401449_030030	60	KW	91324.8	0	0
01/30/18	15	G1	1401449_030030	60	KW	90331.2	0	0
01/30/18	16	G1	1401449_030030	60	KW	89596.8	43.2	0
01/30/18	17	G1	1401449_030030	60	KW	89208	0	0
01/30/18	18	G1	1401449_030030	60	KW	88473.6	43.2	0
01/30/18	19	G1	1401449_030030	60	KW	88473.6	3153.6	0
01/30/18	20	G1	1401449_030030	60	KW	88473.6	4147.2	0
01/30/18	21	G1	1401449_030030	60	KW	88430.4	1555.2	0
01/30/18	22	G1	1401449_030030	60	KW	89726.4	3715.2	0
01/30/18	23	G1	1401449_030030	60	KW	90374.4	2548.8	0
01/30/18	24	G1	1401449_030030	60	KW	90504	648	0
01/31/18	1	G1	1401449_030030	60	KW	91411.2	0	0
01/31/18	2	G1	1401449_030030	60	KW	91454.4	0	0
01/31/18	3	G1	1401449_030030	60	KW	91411.2	0	0
01/31/18	4	G1	1401449_030030	60	KW	91411.2	0	0
01/31/18	5	G1	1401449_030030	60	KW	91411.2	43.2	43.2
01/31/18	6	G1	1401449_030030	60	KW	91497.6	0	0
01/31/18	7	G1	1401449_030030	60	KW	91454.4	129.6	0
01/31/18	8	G1	1401449_030030	60	KW	91497.6	2376	0
01/31/18	9	G1	1401449_030030	60	KW	91454.4	993.6	0
01/31/18	10	G1	1401449_030030	60	KW	91497.6	0	86.4
01/31/18	11	G1	1401449_030030	60	KW	91454.4	0	43.2
01/31/18	12	G1	1401449_030030	60	KW	92059.2	0	2160
01/31/18	13	G1	1401449_030030	60	KW	93009.6	0	4752
01/31/18	14	G1	1401449_030030	60	KW	93052.8	0	4708.8
01/31/18	15	G1	1401449_030030	60	KW	93096	0	5184
01/31/18	16	G1	1401449_030030	60	KW	93096	0	6523.2
01/31/18	17	G1	1401449_030030	60	KW	92577.6	0	7214.4
01/31/18	18	G1	1401449_030030	60	KW	92059.2	0	6091.2
01/31/18	19	G1	1401449_030030	60	KW	92016	0	3153.6
01/31/18	20	G1	1401449_030030	60	KW	92059.2	0	820.8
01/31/18	21	G1	1401449_030030	60	KW	91972.8	0	86.4
01/31/18	22	G1	1401449_030030	60	KW	92102.4	0	43.2
01/31/18	23	G1	1401449_030030	60	KW	92102.4	0	43.2
01/31/18	24	G1	1401449_030030	60	KW	92059.2	0	561.6

Total Hours

744

BLACKHAWKG1

G1 Total KW

71,851,320

①

C

Sponsor: Freitas

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
01/30/18	6	G2	1401449_030059	60	KW	98928	0	2635.2
01/30/18	7	G2	1401449_030059	60	KW	99619.2	0	1641.6
01/30/18	8	G2	1401449_030059	60	KW	99878.4	0	1252.8
01/30/18	9	G2	1401449_030059	60	KW	99230.4	0	1123.2
01/30/18	10	G2	1401449_030059	60	KW	97934.4	0	1382.4
01/30/18	11	G2	1401449_030059	60	KW	97934.4	0	1857.6
01/30/18	12	G2	1401449_030059	60	KW	94910.4	0	1900.8
01/30/18	13	G2	1401449_030059	60	KW	92923.2	0	3628.8
01/30/18	14	G2	1401449_030059	60	KW	92923.2	0	3628.8
01/30/18	15	G2	1401449_030059	60	KW	92923.2	0	3672
01/30/18	16	G2	1401449_030059	60	KW	92880	0	2937.6
01/30/18	17	G2	1401449_030059	60	KW	92102.4	0	4233.6
01/30/18	18	G2	1401449_030059	60	KW	90072	0	1987.2
01/30/18	19	G2	1401449_030059	60	KW	90072	172.8	388.8
01/30/18	20	G2	1401449_030059	60	KW	90028.8	129.6	0
01/30/18	21	G2	1401449_030059	60	KW	90028.8	0	777.6
01/30/18	22	G2	1401449_030059	60	KW	91411.2	43.2	86.4
01/30/18	23	G2	1401449_030059	60	KW	91972.8	43.2	691.2
01/30/18	24	G2	1401449_030059	60	KW	92188.8	0	1425.6
01/31/18	1	G2	1401449_030059	60	KW	92966.4	0	3326.4
01/31/18	2	G2	1401449_030059	60	KW	93009.6	0	4190.4
01/31/18	3	G2	1401449_030059	60	KW	92966.4	0	3888
01/31/18	4	G2	1401449_030059	60	KW	92966.4	0	4406.4
01/31/18	5	G2	1401449_030059	60	KW	92923.2	0	4363.2
01/31/18	6	G2	1401449_030059	60	KW	93009.6	0	3931.2
01/31/18	7	G2	1401449_030059	60	KW	92966.4	0	3283.2
01/31/18	8	G2	1401449_030059	60	KW	92966.4	43.2	648
01/31/18	9	G2	1401449_030059	60	KW	93009.6	0	2160
01/31/18	10	G2	1401449_030059	60	KW	93009.6	0	4924.8
01/31/18	11	G2	1401449_030059	60	KW	93009.6	0	4233.6
01/31/18	12	G2	1401449_030059	60	KW	92664	0	5875.2
01/31/18	13	G2	1401449_030059	60	KW	93268.8	0	7516.8
01/31/18	14	G2	1401449_030059	60	KW	93312	0	7300.8
01/31/18	15	G2	1401449_030059	60	KW	93398.4	0	7905.6
01/31/18	16	G2	1401449_030059	60	KW	93355.2	0	8812.8
01/31/18	17	G2	1401449_030059	60	KW	92880	0	9244.8
01/31/18	18	G2	1401449_030059	60	KW	92361.6	0	8510.4
01/31/18	19	G2	1401449_030059	60	KW	92318.4	0	6652.8
01/31/18	20	G2	1401449_030059	60	KW	92404.8	0	5572.8
01/31/18	21	G2	1401449_030059	60	KW	92318.4	0	4276.8
01/31/18	22	G2	1401449_030059	60	KW	92361.6	0	4449.6
01/31/18	23	G2	1401449_030059	60	KW	92361.6	0	3888
01/31/18	24	G2	1401449_030059	60	KW	92361.6	0	4665.6

Total Hours

744

BLACKHAWKG2

G2 Total KW

74,668,435

(1)

D

Blackhawk Availability Factor Rolling Average Totals

No Major Outage Last 12 Months

January 2018 Final

Month	..... 12 Month .....		..... 5 Month On Peak	
	Total EDH	Period Hours	Avail Factor	Avail Factor
Feb-2017	0.000	672	1.000	
Mar-2017	322.500	743	0.566	
Apr-2017	133.000	720	0.815	
May-2017	1.000	744	0.999	0.998
Jun-2017	1.500	720	0.998	0.996
Jul-2017	0.000	744	1.000	1.000
Aug-2017	0.000	744	1.000	1.000
Sep-2017	0.000	720	1.000	1.000
Oct-2017	1.000	744	0.999	
Nov-2017	19.500	721	0.973	
Dec-2017	10.000	744	0.987	
Jan-2018	5.500	744	0.993	
Period Rolling Average Availability Factor	494.000	8,760	0.944	0.999

Capacity Payment Factor = AF12

Note: Month is Winter

This Period Capacity Payment Factor Calc =

This Period Capacity Payment Factor for Billing =

1.000
 1.000

Plank, Kelsey

From: Baylor, Mark D
Sent: Tuesday, June 20, 2017 8:08 AM
To: Dennehy, Kaitlin
Subject: FW: Borger Energy/SPS PPA-- 2017 Capacity Test Result

FYI

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Baylor, Mark D
Sent: Tuesday, June 20, 2017 8:05 AM
To: dl PPComm
Subject: Borger Energy/SPS PPA-- 2017 Capacity Test Result

The annual summer capacity test was performed at the Borger Energy Blackhawk Facility on June 15, 2017. Performance Monitoring participated in the test. The test resulted in a tested net corrected capacity level of 224,568 MW (based on SPP guidelines). This result compares to a tested summer 2016 capacity level of 219,319 MW. Capacity billing under the PPA is based on the most recent tested capacity level. As specified by the PPA, the new capacity level becomes effective June 16, 2017 for billing purposes. The 5.24 MW increase in the tested capacity level will increase capacity payments under the PPA during the next 12 months by approximately \$624,000.

Please contact me if you have any questions.

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

BORGER/SPS PPA--2017 Annual Price Adjustments
 (Effective June 12)

Year	Quarter	GDP/PI/D Value	Annual % Change ^{***}	Seller's Charge \$/Month	Fixed O&M Price \$/kW-Month	Variable O&M Price \$/MWh	Capacity Payment Rate \$/kW-Month ^{****}
2016	1st-Jan-Mar	110.448 [*]	1.689	447.44	1.502	2.368	\$6.656
2017	1st-Jan-Mar	112.046 ^{**}	2.171	457.15	1.838	2.419	\$6.789

^{*}As published by Bureau of Economic Analysis on May 27, 2016 (2009 base year).
^{**}As published by Bureau of Economic Analysis on May 26, 2017 (2009 base year).
^{***}Applies to Seller's Charge, Fixed O&M Price and Variable O&M Price.
^{****}From Schedule F-1 of the PPA

5/30/2017

H

Borger Energy Associates

P.O. Box 29

Borger, TX 79008-0029

Phone: 806-274-3340

Fax: 806-274-7488

Invoice


Sold To:

Southwestern Public Service Company
Power Purchase & Energy Trading
1800 Larimer Street Suite 1200
Denver, CO 80202

Invoice #: 00981
3/16/2018

Attention: Whitney Peterson

Customer PO	Payment Terms	Due Date
	Net due on 25th	3/26/2018

Description	Amount
The February 2018 charges are pursuant to the Power Purchase Agreement between Borger Energy Associates and Southwestern Public Service Company. See attached list for calculations.	
Energy Generation Payment for Feb-18	① 2,483,695.65
Variable O&M Payment for Feb-18	② 305,796.72
Capacity Payment for Feb-18	③ 1,524,524.26
Fixed O&M Payment for Feb-18	④ 344,696.53
Pinnacle reservation charge for Feb-18	⑤ 15,500.00
Less: Sellers charge Feb-18	⑥ (457.15)
BANKING INSTRUCTIONS WIRE	
Attention Accounts Payable	
Please Wire Funding to the following:	
	
Total Invoice Amount \$	4,673,756.01

Southwestern Public Service Company

BORGER ENERGY ASSOCIATES - BLACKHAWK STATION

Billing Month
Date of Cogeneration Commercial Operation
Contract Term
Meter Read Date

February 2018
June 12, 1999
25 Years
February 28, 2018

#1 Contracted Combustion Turbine Capacity

F 224,558 Kw

Pre-Commercial Operation Energy

Generator No. 1

Generator No. 2

#2 Total Generation

Total
~~B1~~ 61,984,440 Kwh
~~B2~~ 64,430,078 Kwh

126,414,518 Kwh [Ⓛ]

#3 Capacity Payment Rate

H4 \$6.789 /Kw-Mo

#3.1 Capacity Payment AF Adjustment Factor

See attached AF Report

E1 1.0000

#4 Weighted Average Energy Rate (per Article 5.4) (#7/ #2)

\$19.647 /MWh

Heat Rate (MMBtu/MWH) See attached Blackhawk Daily Report

Fuel Cost (\$MMBtu) See attached Blackhawk Daily Report

#5 Variable O&M Rate

H3 \$2.419 /MWh

#6 Fixed O&M Rate

H2 \$1.535 /Kw-Mo

#7 ENERGY PAYMENT CALCULATION

Generation Payment (#7/ #2) = #4

PAYMENT
A1 \$ 2,483,695.65

VARIABLE O&M PAYMENT CALCULATION

Variable O&M Payment (#2 X #5)

A2 \$ 305,796.72

BILLING CAPACITY CALCULATION

Capacity Payment (#1 X #3 X3.1)

A3 \$ 1,524,524.26

FIXED O&M PAYMENT CALCULATION

FIXED O&M Payment (#1 X #6)

A4 \$ 344,696.53

PINNACLE RESERVATION CHARGE

A5 \$ 15,500.00 ✓

BILLING ADJUSTMENTS

Sellers Charge

A6 \$ (457.15) ✓

Capacity Shortfall

\$ 4,673,756.01

A-2

Blackhawk Daily Report

February 2018 Final

Date	Generation KWH		% Plant Loading of Actual Capacity		Heat Rate MMBtu / MWH		Gas Cost \$/MMBtu		Energy Rate \$/MWH		Energy Payment \$		Total Payment \$	P
	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2		
02/01/2018	2,111,659	2,173,478	70.46	72.54	6.969	7.003	2.67	18.626	18.722	39,221.78	40,625.91	79,847.69		
02/02/2018	1,986,466	2,074,810	66.34	69.25	6.941	7.000	2.81	19.503	19.670	38,740.71	40,811.40	79,552.11		
02/03/2018	1,950,091	1,992,514	67.62	69.08	6.963	7.000	2.81	19.564	19.670	38,149.77	39,192.46	77,342.23		
02/04/2018	2,044,872	2,082,802	67.08	68.32	6.972	6.997	2.81	19.591	19.661	40,066.00	40,951.01	81,017.01		
02/05/2018	2,200,954	2,250,504	74.36	76.06	6.997	7.013	2.81	19.661	19.705	43,274.78	44,351.50	87,626.28		
02/06/2018	2,449,829	2,512,210	78.71	80.72	7.003	7.056	2.81	19.679	19.828	48,235.83	49,841.74	98,077.56		
02/07/2018	2,364,163	2,409,134	77.67	79.14	7.009	7.016	2.81	19.696	19.714	46,573.68	47,508.52	94,082.20		
02/08/2018	2,186,266	2,234,045	75.48	77.13	7.000	7.000	2.81	19.670	19.670	43,004.04	43,943.86	86,947.90		
02/09/2018	2,111,400	2,152,008	71.15	72.53	6.978	7.000	2.81	19.608	19.670	41,407.90	42,329.91	83,737.81		
02/10/2018	2,144,966	2,178,274	67.65	68.70	6.969	7.000	2.81	19.582	19.670	42,007.35	42,846.72	84,854.07		
02/11/2018	2,351,808	2,432,376	76.45	79.07	6.997	7.031	2.81	19.661	19.758	46,241.97	48,074.70	94,316.67		
02/12/2018	2,297,851	2,347,186	75.40	77.02	7.000	7.016	2.81	19.670	19.714	45,198.87	46,288.63	91,487.51		
02/13/2018	2,271,629	2,309,429	76.66	77.94	6.997	7.000	2.81	19.661	19.670	44,666.26	45,426.73	90,092.99		
02/14/2018	1,978,862	1,990,094	70.45	70.86	7.000	7.000	2.81	19.670	19.670	38,924.13	39,145.06	78,069.19		
02/15/2018	1,945,728	1,927,627	71.24	70.56	7.000	7.000	2.81	19.670	19.670	38,272.22	37,916.18	76,188.41		
02/16/2018	2,260,310	2,326,450	75.18	77.41	6.997	7.019	2.81	19.661	19.723	44,442.20	45,896.52	90,338.72		
02/17/2018	2,192,746	2,338,157	75.81	80.83	7.000	7.000	2.75	19.271	19.271	42,267.54	45,070.58	87,338.13	X	
02/18/2018	2,119,522	2,255,472	75.33	80.16	7.000	7.000	2.76	19.320	19.320	40,931.86	43,556.85	84,488.72	X	
02/19/2018	2,146,090	2,310,206	76.56	82.42	7.000	7.034	2.85	19.948	20.047	42,829.97	46,344.37	89,174.35	X	
02/20/2018	2,500,934	2,662,373	82.65	88.01	7.000	7.128	2.85	19.928	20.293	49,825.02	54,023.96	103,848.98	X	
02/21/2018	2,621,419	2,771,323	83.58	88.36	7.000	7.150	2.82	19.711	20.133	51,671.36	55,796.59	107,467.95	X	
02/22/2018	2,532,038	2,658,658	83.29	87.43	7.000	7.113	2.81	19.670	19.986	49,805.42	53,144.50	102,949.92	X	
02/23/2018	2,402,611	2,498,558	81.23	84.49	7.009	7.053	2.78	19.455	19.577	46,762.52	48,937.06	95,699.58	X	
02/24/2018	2,211,278	2,352,024	75.45	80.27	7.000	7.000	2.79	19.549	19.549	43,220.19	45,974.27	89,194.46		
02/25/2018	2,205,878	2,358,763	75.28	80.50	7.000	7.000	2.81	19.670	19.670	43,389.75	46,397.00	89,786.75		
02/26/2018	2,202,509	2,342,693	75.83	80.66	7.000	7.000	2.81	19.670	19.670	43,323.44	46,080.87	89,404.31		
02/27/2018	2,117,664	2,258,366	74.82	79.78	7.000	7.000	2.81	19.670	19.670	41,654.50	44,422.11	86,076.61		
02/28/2018	2,074,896	2,230,546	74.92	80.55	7.000	7.000	2.81	19.670	19.670	40,812.97	43,874.58	84,687.55		

KWH 61,984,440 64,430,078

U D I
 T 2

Total Payment 1,214,922.05 1,268,773.60

2,483,695.65

RD

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2

Total Hours 672 **BLACKHAWKG1** **G1 Total KW** 61,984,440

①

C

Sponsor: Freitas

2017 TX Rate Case

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2

Total Hours 672

BLACKHAWKG2

G2 Total KW 64,430,078

(1)

Blackhawk Availability Factor Rolling Average Totals
 No Major Outage Last 12 Months

February 2018 Final

Month	..... 12 Month .....		..... 5 Month On Peak	
	Total EDH	Period Hours	Avail Factor	Avail Factor
Mar-2017	322.500	743	0.566	
Apr-2017	133.000	720	0.815	
May-2017	1.000	744	0.999	0.998
Jun-2017	1.500	720	0.998	0.996
Jul-2017	0.000	744	1.000	1.000
Aug-2017	0.000	744	1.000	1.000
Sep-2017	0.000	720	1.000	1.000
Oct-2017	1.000	744	0.999	1.000
Nov-2017	19.500	721	0.973	
Dec-2017	10.000	744	0.987	
Jan-2018	5.500	744	0.993	
Feb-2018	0.000	672	1.000	
Period Rolling Average Availability Factor	494.000	8,760	0.944	0.999

Note: Month is Winter

Capacity Payment Factor = AF12

This Period Capacity Payment Factor Calc = 1.000
 This Period Capacity Payment Factor for Billing = 1.000

Plank, Kelsey

From: Baylor, Mark D
Sent: Tuesday, June 20, 2017 8:08 AM
To: Dennehy, Kaitlin
Subject: FW: Borger Energy/SPS PPA-- 2017 Capacity Test Result

FVJ

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-671-7271
E: mark.d.baylor@xcelenergy.com

From: Baylor, Mark D
Sent: Tuesday, June 20, 2017 8:08 AM
To: dl PPComm
Subject: Borger Energy/SPS PPA-- 2017 Capacity Test Result

The annual summer capacity test was performed at the Borger Energy Blackhawk Facility on June 16, 2017. Performance Monitoring participated in the test. The test resulted in a tested net corrected capacity level of 224,658 MW (based on SPP guidelines). This result compares to a tested summer 2016 capacity level of 219,319 MW. Capacity billing under the PPA is based on the most recent tested capacity level. As specified by the PPA, the new capacity level becomes effective June 16, 2017 for billing purposes. The 5.24 MW increase in the tested capacity level will increase capacity payments under the PPA during the next 12 months by approximately \$624,000.

Please contact me if you have any questions.

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-671-7271
E: mark.d.baylor@xcelenergy.com

F

BORGER/SPS PPA--2017 Annual Price Adjustments
 (Effective June 12)

Year	Quarter	GDP/ID Value	Annual % Change ^{***}	Seller's Charge \$/Month	Fixed O&M Price \$/kW-Month	Variable O&M Price \$/MWh	Capacity Payment Rate \$/kW-Month ^{****}
2016	1st-Jan-Mar	110.448 ^{**}	1.889	447.44	1,802	2,368	\$8.686
2017	1st-Jan-Mar	112.048 ^{**}	2.171	467.15 (1)	1,838 (2)	2,418 (3)	\$8.789 (4)

^{*}As published by Bureau of Economic Analysis on May 27, 2016 (2009 base year).
^{**}As published by Bureau of Economic Analysis on May 26, 2017 (2009 base year).
^{***}Applies to Seller's Charge, Fixed O&M Price and Variable O&M Price.
^{****}From Schedule F-1 of the PPA

6/30/2017

H

Borger Energy Associates
P.O. Box 29
Borger, TX 79008-0029
 Phone: 806-274-3340
 Fax: 806-274-7488


Invoice

Sold To:
 Southwestern Public Service Company
 Power Purchase & Energy Trading
 1800 Larimer Street Suite 1200
 Denver, CO 80202

Invoice #: 00983
 4/16/2018

Attention: Whitney Peterson

Customer PO	Payment Terms	Due Date
	Net due on 25th	4/25/2018

Description	Amount
The March 2018 charges are pursuant to the Power Purchase Agreement between Borger Energy Associates and Southwestern Public Service Company. See attached list for calculations.	
Energy Generation Payment for Mar-18	① 1,033,766.89
Variable O&M Payment for Mar-18	② 166,461.00
Capacity Payment for Mar-18	③ 1,524,524.26
Fixed O&M Payment for Mar-18	④ 344,696.53
Pinnacle reservation charge for Mar-18	⑤ 15,500.00
Less: Sellers charge Mar-18	⑥ (457.15)
BANKING INSTRUCTIONS WIRE	
Attention Accounts Payable Please Wire Funding to the following:	
	
Total Invoice Amount \$ ⑦ 3,084,491.53	

1
2
3
4
5
6

872

A

Southwestern Public Service Company

Final

BORGER ENERGY ASSOCIATES - BLACKHAWK STATION

Billing Month
 Date of Cogeneration Commercial Operation
 Contract Term
 Meter Read Date

March 2018
 June 12, 1999
 25 Years
 March 31, 2018

#1 Contracted Combustion Turbine Capacity

224,558 Kw F

Pre-Commercial Operation Energy

Generator No. 1

Generator No. 2

#2 Total Generation

Total
 6,514,603 Kwh B1
 62,299,368 Kwh B2
 68,813,971 Kwh

#3 Capacity Payment Rate

H2 \$6.789 /Kw-Mo

#3.1 Capacity Payment AF Adjustment Factor

See attached AF Report

E1 1.0000

#4 Weighted Average Energy Rate (per Article 5.4) (#7/ #2)

Heat Rate (MMBtu/MWH) See attached Blackhawk Daily Report

Fuel Cost (\$MMBtu) See attached Blackhawk Daily Report

\$15.023 /MWh

#5 Variable O&M Rate

H3 \$2.419 /MWh

#6 Fixed O&M Rate

H2 \$1.535 /Kw-Mo

#7 **ENERGY PAYMENT CALCULATION**

Generation Payment (#7/ #2) = #4

A1 \$ 1,033,766.89 ①

VARIABLE O&M PAYMENT CALCULATION

Variable O&M Payment (#2 X #5)

A2 \$ 166,461.00 ②

BILLING CAPACITY CALCULATION

Capacity Payment (#1 X #3 X3.1)

A3 \$ 1,524,524.26 ③

FIXED O&M PAYMENT CALCULATION

FIXED O&M Payment (#1 X #6)

A4 \$ 344,696.53 ④

PINNACLE RESERVATION CHARGE

A5 \$ 15,500.00 ⑤

BILLING ADJUSTMENTS

Sellers Charge

A6 \$ (457.15) ⑥

Capacity Shortfall

A7 \$ 3,084,491.53 ⑦

Blackhawk Daily Report

March 2018 Final

Date	Generation KWH		% Plant Loading of Actual Capacity		Heat Rate MMBtu / MWH		Gas Cost \$/MMBtu		Energy Rate \$/MWH		Energy Payment \$		Total Payment \$
	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	
03/01/2018	2,226,096	2,370,125	75.11	79.97	7.000	7.000	2.32	16.217	16.217	36,209.16	38,561.32	74,770.48	
03/02/2018	2,155,637	2,285,194	75.59	80.14	7.000	7.000	2.07	14.490	14.490	31,235.32	33,112.61	64,347.93	
03/03/2018	2,093,861	2,246,789	74.48	79.95	7.000	7.000	2.07	14.490	14.490	30,339.93	32,555.85	62,895.77	
03/04/2018	39,010	2,043,706	1.39	72.58	6.775	6.981	2.04	13.818	14.232	553.13	29,173.48	29,726.62	
03/05/2018	0	2,291,803	0.00	80.26	6.775	7.000	2.15	14.538	15.021	0.00	34,445.92	34,445.92	
03/06/2018	0	2,317,939	0.00	79.03	6.775	7.000	2.17	14.672	15.160	0.00	35,140.55	35,140.55	
03/07/2018	0	2,316,298	0.00	78.49	6.775	7.000	2.15	14.559	15.042	0.00	34,842.42	34,842.42	
03/08/2018	0	2,290,334	0.00	81.13	6.775	7.000	2.20	14.928	15.423	0.00	35,316.79	35,316.79	
03/09/2018	0	2,276,381	0.00	81.27	6.775	7.022	2.21	14.957	15.502	0.00	35,291.27	35,291.27	
03/10/2018	0	2,251,109	0.00	79.97	6.775	7.003	2.17	14.719	15.214	0.00	34,249.54	34,249.54	
03/11/2018	0	2,169,979	0.00	77.96	6.775	7.000	2.16	14.632	15.118	0.00	32,805.49	32,805.49	
03/12/2018	0	2,272,493	0.00	77.98	6.775	7.000	2.16	14.614	15.099	0.00	34,313.38	34,313.38	
03/13/2018	0	2,276,338	0.00	78.05	6.775	7.000	2.22	15.008	15.506	0.00	35,301.93	35,301.93	
03/14/2018	0	2,233,267	0.00	77.13	6.775	7.000	2.19	14.861	15.355	0.00	34,300.16	34,300.16	
03/15/2018	0	2,170,800	0.00	77.82	6.775	7.000	2.15	14.558	15.042	0.00	32,652.86	32,652.86	
03/16/2018	0	2,175,811	0.00	77.52	6.775	7.000	2.22	15.057	15.557	0.00	33,846.73	33,846.73	
03/17/2018	0	226,714	0.00	8.05	6.775	6.800	0.75	5.113	5.169	0.00	3,584.59	3,584.59	
03/18/2018	0	0	0.00	0.00	6.775	6.775	0.00	0.000	0.000	0.00	0.00	0.00	
03/19/2018	0	0	0.00	0.00	6.775	6.775	1.07	7.269	7.269	0.00	0.00	0.00	
03/20/2018	0	1,462,190	0.00	50.72	6.775	6.922	2.02	13.704	14.029	0.00	22,596.51	22,596.51	
03/21/2018	0	2,257,805	0.00	79.44	6.775	7.000	2.16	14.653	15.140	0.00	34,182.68	34,182.68	
03/22/2018	0	2,172,614	0.00	77.28	6.775	7.000	2.19	14.816	15.308	0.00	33,243.34	33,243.34	
03/23/2018	0	2,119,219	0.00	76.91	6.775	7.000	2.15	14.592	15.077	0.00	31,954.29	31,954.29	
03/24/2018	0	2,165,746	0.00	78.20	6.775	7.000	2.12	14.338	14.815	0.00	32,084.27	32,084.27	
03/25/2018	0	2,177,928	0.00	78.54	6.775	7.000	2.11	14.316	14.791	0.00	32,214.33	32,214.33	
03/26/2018	0	2,274,998	0.00	82.55	6.775	7.041	2.11	14.316	14.877	0.00	33,855.27	33,855.27	
03/27/2018	0	2,383,992	0.00	80.99	6.775	7.019	2.03	13.720	14.215	0.00	33,926.29	33,926.29	
03/28/2018	0	2,355,912	0.00	82.96	6.775	7.013	2.03	13.748	14.230	0.00	33,526.92	33,526.92	
03/29/2018	0	2,332,066	0.00	82.51	6.775	7.022	2.08	14.095	14.608	0.00	34,061.91	34,061.91	
03/30/2018	0	2,222,597	0.00	77.63	6.775	7.000	2.09	14.188	14.659	0.00	32,581.54	32,581.54	
03/31/2018	0	2,159,222	0.00	77.54	6.775	7.010	2.09	14.191	14.682	0.00	31,707.12	31,707.12	
KWH	6,514,603	62,299,368						Total Payment		98,337.55	935,429.34	1,033,766.89	

WP/E-4(CD)
Page 1950 of 8272
Operator: Freitas
Rate Case

C1
D1
2

8

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
03/30/18	7	G1	1401449_030030	60	KW	0	0	0
03/30/18	8	G1	1401449_030030	60	KW	0	0	0
03/30/18	9	G1	1401449_030030	60	KW	0	0	0
03/30/18	10	G1	1401449_030030	60	KW	0	0	0
03/30/18	11	G1	1401449_030030	60	KW	0	0	0
03/30/18	12	G1	1401449_030030	60	KW	0	0	0
03/30/18	13	G1	1401449_030030	60	KW	0	0	0
03/30/18	14	G1	1401449_030030	60	KW	0	0	0
03/30/18	15	G1	1401449_030030	60	KW	0	0	0
03/30/18	16	G1	1401449_030030	60	KW	0	0	0
03/30/18	17	G1	1401449_030030	60	KW	0	0	0
03/30/18	18	G1	1401449_030030	60	KW	0	0	0
03/30/18	19	G1	1401449_030030	60	KW	0	0	0
03/30/18	20	G1	1401449_030030	60	KW	0	0	0
03/30/18	21	G1	1401449_030030	60	KW	0	0	0
03/30/18	22	G1	1401449_030030	60	KW	0	0	0
03/30/18	23	G1	1401449_030030	60	KW	0	0	0
03/30/18	24	G1	1401449_030030	60	KW	0	0	0
03/31/18	1	G1	1401449_030030	60	KW	0	0	0
03/31/18	2	G1	1401449_030030	60	KW	0	0	0
03/31/18	3	G1	1401449_030030	60	KW	0	0	0
03/31/18	4	G1	1401449_030030	60	KW	0	0	0
03/31/18	5	G1	1401449_030030	60	KW	0	0	0
03/31/18	6	G1	1401449_030030	60	KW	0	0	0
03/31/18	7	G1	1401449_030030	60	KW	0	0	0
03/31/18	8	G1	1401449_030030	60	KW	0	0	0
03/31/18	9	G1	1401449_030030	60	KW	0	0	0
03/31/18	10	G1	1401449_030030	60	KW	0	0	0
03/31/18	11	G1	1401449_030030	60	KW	0	0	0
03/31/18	12	G1	1401449_030030	60	KW	0	0	0
03/31/18	13	G1	1401449_030030	60	KW	0	0	0
03/31/18	14	G1	1401449_030030	60	KW	0	0	0
03/31/18	15	G1	1401449_030030	60	KW	0	0	0
03/31/18	16	G1	1401449_030030	60	KW	0	0	0
03/31/18	17	G1	1401449_030030	60	KW	0	0	0
03/31/18	18	G1	1401449_030030	60	KW	0	0	0
03/31/18	19	G1	1401449_030030	60	KW	0	0	0
03/31/18	20	G1	1401449_030030	60	KW	0	0	0
03/31/18	21	G1	1401449_030030	60	KW	0	0	0
03/31/18	22	G1	1401449_030030	60	KW	0	0	0
03/31/18	23	G1	1401449_030030	60	KW	0	0	0
03/31/18	24	G1	1401449_030030	60	KW	0	0	0

Total Hours 743 BLACKHAWKG1 G1 Total KW 6,514,603

①

C

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
03/30/18	7	G2	1401449_030059	60	KW	93960	0	4276.8
03/30/18	8	G2	1401449_030059	60	KW	92102.4	0	2721.6
03/30/18	9	G2	1401449_030059	60	KW	92016	0	2203.2
03/30/18	10	G2	1401449_030059	60	KW	91886.4	0	1814.4
03/30/18	11	G2	1401449_030059	60	KW	90979.2	0	907.2
03/30/18	12	G2	1401449_030059	60	KW	92275.2	0	1209.6
03/30/18	13	G2	1401449_030059	60	KW	93139.2	0	2203.2
03/30/18	14	G2	1401449_030059	60	KW	93182.4	0	302.4
03/30/18	15	G2	1401449_030059	60	KW	93182.4	0	0
03/30/18	16	G2	1401449_030059	60	KW	92491.2	43.2	0
03/30/18	17	G2	1401449_030059	60	KW	93182.4	129.6	0
03/30/18	18	G2	1401449_030059	60	KW	90849.6	820.8	0
03/30/18	19	G2	1401449_030059	60	KW	90201.6	864	0
03/30/18	20	G2	1401449_030059	60	KW	90158.4	864	0
03/30/18	21	G2	1401449_030059	60	KW	90288	1425.6	0
03/30/18	22	G2	1401449_030059	60	KW	94003.2	388.8	129.6
03/30/18	23	G2	1401449_030059	60	KW	94046.4	0	1252.8
03/30/18	24	G2	1401449_030059	60	KW	90331.2	0	1641.6
03/31/18	1	G2	1401449_030059	60	KW	90244.8	0	3196.8
03/31/18	2	G2	1401449_030059	60	KW	90244.8	0	4233.6
03/31/18	3	G2	1401449_030059	60	KW	90201.6	0	3585.6
03/31/18	4	G2	1401449_030059	60	KW	90201.6	0	4060.8
03/31/18	5	G2	1401449_030059	60	KW	90244.8	0	6480
03/31/18	6	G2	1401449_030059	60	KW	90244.8	0	7257.6
03/31/18	7	G2	1401449_030059	60	KW	89121.6	0	6652.8
03/31/18	8	G2	1401449_030059	60	KW	88128	0	7646.4
03/31/18	9	G2	1401449_030059	60	KW	88171.2	0	6523.2
03/31/18	10	G2	1401449_030059	60	KW	88084.8	0	4579.2
03/31/18	11	G2	1401449_030059	60	KW	88214.4	0	1512
03/31/18	12	G2	1401449_030059	60	KW	87998.4	0	1339.2
03/31/18	13	G2	1401449_030059	60	KW	86227.2	0	950.4
03/31/18	14	G2	1401449_030059	60	KW	85320	0	518.4
03/31/18	15	G2	1401449_030059	60	KW	85147.2	0	691.2
03/31/18	16	G2	1401449_030059	60	KW	88300.8	43.2	518.4
03/31/18	17	G2	1401449_030059	60	KW	99273.6	0	1166.4
03/31/18	18	G2	1401449_030059	60	KW	99619.2	0	1123.2
03/31/18	19	G2	1401449_030059	60	KW	90979.2	0	1252.8
03/31/18	20	G2	1401449_030059	60	KW	90374.4	0	1814.4
03/31/18	21	G2	1401449_030059	60	KW	90244.8	0	2073.6
03/31/18	22	G2	1401449_030059	60	KW	90201.6	0	993.6
03/31/18	23	G2	1401449_030059	60	KW	90331.2	0	1166.4
03/31/18	24	G2	1401449_030059	60	KW	92102.4	0	4104

Total Hours

743

BLACKHAWKG2

G2 Total KW 62,299,368

①

①

Blackhawk Availability Factor Rolling Average Totals

No Major Outage Last 12 Months

..... 12 Month

Month	Total EDH	Period Hours	Avail Factor
Apr-2017	133.000	720	0.815
May-2017	1.000	744	0.999
Jun-2017	1.500	720	0.998
Jul-2017	0.000	744	1.000
Aug-2017	0.000	744	1.000
Sep-2017	0.000	720	1.000
Oct-2017	1.000	744	0.999
Nov-2017	19.500	721	0.973
Dec-2017	10.000	744	0.987
Jan-2018	5.500	744	0.993
Feb-2018	0.000	672	1.000
Mar-2018	373.500	743	0.497

Period Rolling Average Availability Factor

545.000 8,760 0.938

Capacity Payment Factor = AF12

Note: Month is Winter

This Period Capacity Payment Factor Calc =
 This Period Capacity Payment Factor for Billing =

1.000
 1.000

March 2018 Final

..... 5 Month On Peak

Month	Total EDH	Period Hours	Avail Factor
Apr-2017	1.000	432	0.998
May-2017	1.500	416	0.996
Jun-2017	0.000	400	1.000
Jul-2017	0.000	432	1.000
Aug-2017	0.000	416	1.000
Sep-2017	0.000	416	1.000
Oct-2017	0.000	416	1.000
Nov-2017	0.000	416	1.000
Dec-2017	0.000	416	1.000
Jan-2018	0.000	416	1.000
Feb-2018	0.000	416	1.000
Mar-2018	0.000	416	1.000

2.500 2,096 0.999

E

Plank, Kelsey

From: Baylor, Mark D
Sent: Tuesday, June 20, 2017 8:08 AM
To: Dennehy, Kaitlin
Subject: FW: Borger Energy/SPS PPA-- 2017 Capacity Test Result

FYI

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Baylor, Mark D
Sent: Tuesday, June 20, 2017 8:05 AM
To: dl PPComm
Subject: Borger Energy/SPS PPA-- 2017 Capacity Test Result

The annual summer capacity test was performed at the Borger Energy Blackhawk Facility on June 15, 2017. Performance Monitoring participated in the test. The test resulted in a tested net corrected capacity level of 224.558 MW (based on SPP guidelines). This result compares to a tested summer 2016 capacity level of 219.319 MW. Capacity billing under the PPA is based on the most recent tested capacity level. As specified by the PPA, the new capacity level becomes effective June 16, 2017 for billing purposes. The 5.24 MW increase in the tested capacity level will **increase** capacity payments under the PPA during the next 12 months by approximately \$524,000.

Please contact me if you have any questions.

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

F

BORGER/SPS PPA--2017 Annual Price Adjustments
 (Effective June 12)

Year	Quarter	GPIPD Value	Annual % Change***	Seller's Charge \$/Month	Fixed O&M Price \$/kW-Month	Variable O&M Price \$/MWh	Capacity Payment Rate \$/kW-Month****
2016	1st-Jan-Mar	110.448*	1.689	447.44	1.502	2.368	\$6.656
2017	1st-Jan-Mar	112.846**	2.171	457.15	1.535	2.419	\$6.789

*As published by Bureau of Economic Analysis on May 27, 2016 (2009 base year) .

**As published by Bureau of Economic Analysis on May 26, 2017 (2009 base year).

*** Applies to Seller's Charge, Fixed O&M Price and Variable O&M Price.

**** From Schedule F-1 of the PPA

5/30/2017

H

Borger Energy Associates

P.O. Box 29

Borger, TX 79008-0029

Phone: 806-274-3340

Fax: 806-274-7488

Invoice


Sold To:

Southwestern Public Service Company
 Power Purchase & Energy Trading
 1800 Larimer Street Suite 1200
 Denver, CO 80202

Invoice #: 00986
 5/17/2018

Attention: Whitney Peterson

Customer PO	Payment Terms	Due Date
	Net due on 25th	5/25/2018

Description	Amount
The April 2018 charges are pursuant to the Power Purchase Agreement between Borger Energy Associates and Southwestern Public Service Company. See attached list for calculations.	
Energy Generation Payment for Apr-18	① 1,597,506.44
Variable O&M Payment for Apr-18	② 273,072.29
Capacity Payment for Apr-18	③ 1,524,524.26
Fixed O&M Payment for Apr-18	④ 344,696.53
Pinnacle reservation charge for Apr-18	⑤ 15,500.00
Less: Sellers charge Apr-18	⑥ (457.15)
BANKING INSTRUCTIONS WIRE	
Attention Accounts Payable Please Wire Funding to the following: 	
Total Invoice Amount \$	
⑦ 3,754,842.37	

Southwestern Public Service Company

BORGER ENERGY ASSOCIATES - BLACKHAWK STATION

Billing Month
 Date of Cogeneration Commercial Operation
 Contract Term
 Meter Read Date

April 2018
 June 12, 1999
 25 Years
 April 30, 2018

#1 Contracted Combustion Turbine Capacity

224,558 Kw F

Pre-Commercial Operation Energy

Generator No. 1

Generator No. 2

#2 Total Generation

Total
 52,814,246 Kwh B1
 60,072,192 Kwh B2
 112,886,438 Kwh

#3 Capacity Payment Rate

H4 \$6,789 /Kw-Mo

#3.1 Capacity Payment AF Adjustment Factor

See attached AF Report

E1 1.0000

#4 Weighted Average Energy Rate (per Article 5.4) (#7/ #2)

\$14.151 /MWh

Heat Rate (MMBtu/MWH)

See attached Blackhawk Daily Report

Fuel Cost (\$MMBtu)

See attached Blackhawk Daily Report

#5 Variable O&M Rate

H3 \$2.419 /MWh

#6 Fixed O&M Rate

H2 \$1.535 /Kw-Mo

#7 ENERGY PAYMENT CALCULATION

Generation Payment (#7/ #2) = #4

PAYMENT
 A1 \$ 1,597,506.44 (1) ✓

VARIABLE O&M PAYMENT CALCULATION

Variable O&M Payment (#2 X #5)

A2 \$ 273,072.29 (2)

BILLING CAPACITY CALCULATION

Capacity Payment (#1 X #3 X3.1)

A3 \$ 1,524,524.26 (3)

FIXED O&M PAYMENT CALCULATION

FIXED O&M Payment (#1 X #6)

A4 \$ 344,696.53 (4)

PINNACLE RESERVATION CHARGE

A5 \$ 15,500.00 (5) ✓

BILLING ADJUSTMENTS

Sellers Charge

A6 \$ (457.15) (6) ✓

Capacity Shortfall

A7 \$ 3,754,842.37 (7)

A-2

Blackhawk Daily Report

April 2018 Final

Date	Generation KWH		% Plant Loading of Actual Capacity		Heat Rate MMBtu / MWH		Gas Cost \$/MMBtu		Energy Rate \$/MWH		Energy Payment \$		Total Payment \$	P
	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2		
04/01/2018	0	2,357,899	0.00	78.64	6.775	7.006	2.08	14.096	14.577	0.00	34,371.63	34,371.63	X	
04/02/2018	0	2,318,328	0.00	81.03	6.775	7.031	2.08	14.070	14.602	0.00	33,864.23	33,864.23	X	
04/03/2018	0	2,241,734	0.00	79.50	6.775	7.000	2.05	13.911	14.373	0.00	32,213.62	32,213.62	X	
04/04/2018	427,723	2,313,403	15.48	79.72	6.819	7.000	2.14	14.584	14.969	6,519.44	34,607.41	41,126.85	X	
04/05/2018	1,583,971	2,324,808	55.69	82.19	6.947	7.031	2.12	14.721	14.897	23,625.78	34,622.71	58,248.48	X	
04/06/2018	1,959,898	1,973,678	67.49	67.98	6.991	6.991	2.00	13.992	13.992	27,399.93	27,595.19	54,995.13	X	
04/07/2018	2,414,405	2,437,690	79.68	80.48	7.013	7.041	1.96	13.745	13.800	33,192.24	33,649.93	66,842.16	X	
04/08/2018	2,323,426	2,351,419	81.60	82.59	7.000	7.031	1.96	13.720	13.781	31,877.31	32,412.05	64,289.37	X	
04/09/2018	2,318,155	2,323,037	80.91	81.07	7.009	7.019	1.96	13.738	13.757	31,851.00	31,963.81	63,814.80	X	
04/10/2018	2,034,547	2,031,739	71.91	71.81	7.000	7.000	1.96	13.727	13.727	27,927.80	27,889.25	55,817.06	X	
04/11/2018	2,039,170	2,017,872	73.19	72.43	7.000	7.000	1.96	13.724	13.724	27,984.47	27,692.15	55,676.62	X	
04/12/2018	988,114	1,995,710	35.70	72.19	6.884	7.000	1.98	13.628	13.858	13,610.32	27,651.75	41,262.07	X	
04/13/2018	1,693,094	641,952	60.21	23.39	6.947	6.844	1.99	13.828	13.622	23,588.25	8,929.80	32,518.05	X	
04/14/2018	2,285,280	45,490	78.17	1.55	7.000	6.778	1.97	13.792	13.355	31,521.81	610.75	32,132.56	X	
04/15/2018	2,060,597	2,072,563	71.59	71.99	7.000	7.000	2.11	14.745	14.745	30,288.30	30,457.46	60,745.76	X	
04/16/2018	1,920,888	1,927,757	68.28	68.53	6.984	6.991	2.03	14.200	14.213	27,292.19	27,414.88	54,707.07	X	
04/17/2018	2,049,322	2,061,634	74.25	74.69	7.000	7.000	1.96	13.732	13.732	28,142.47	28,311.56	56,454.03	X	
04/18/2018	2,002,622	1,734,653	71.37	61.84	6.984	6.972	2.59	18.121	18.102	36,144.01	32,580.32	68,724.34	X	
04/19/2018	1,989,533	2,024,309	70.70	71.91	6.991	7.000	2.28	15.908	15.936	31,572.88	32,240.83	63,813.71	X	
04/20/2018	1,985,256	1,991,822	69.93	70.16	7.000	7.000	1.96	13.720	13.720	27,237.72	27,327.81	54,565.52	X	
04/21/2018	1,998,950	2,006,035	68.82	69.06	7.000	7.000	1.96	13.720	13.720	27,425.58	27,522.78	54,948.37	X	
04/22/2018	1,979,208	1,987,718	68.42	68.72	7.000	7.000	1.96	13.720	13.720	27,154.70	27,271.46	54,426.16	X	
04/23/2018	2,206,354	2,229,595	77.60	78.42	7.000	7.013	1.96	13.720	13.744	30,271.11	30,648.67	60,919.78	X	
04/24/2018	2,113,344	2,125,224	75.17	75.59	7.000	7.000	1.96	13.720	13.720	28,994.88	29,157.87	58,152.75	X	
04/25/2018	2,078,179	2,096,712	71.61	72.26	7.000	7.003	1.96	13.720	13.726	28,512.62	28,782.02	57,294.64	X	
04/26/2018	2,366,928	2,404,166	82.49	83.78	7.003	7.034	1.96	13.726	13.787	32,488.72	33,153.60	65,642.31	X	
04/27/2018	2,305,498	2,322,086	80.78	81.37	7.000	7.009	1.96	13.720	13.738	31,631.42	31,903.95	63,535.37	X	
04/28/2018	1,923,696	1,924,430	68.79	68.82	7.000	7.000	1.96	13.720	13.720	26,393.29	26,403.37	52,796.66	X	
04/29/2018	1,898,856	1,910,952	69.07	69.51	7.000	7.000	1.96	13.720	13.720	26,052.40	26,218.36	52,270.76	X	
04/30/2018	1,867,234	1,877,774	68.70	69.09	6.994	6.994	1.96	13.708	13.708	25,596.05	25,740.53	51,336.58	X	

KWH 52,814,246
 C1
 D1
 60,072,192
 ①
 ②

Total Payment 744,296.69

Total Payment 853,209.75

Total Payment 1,597,506.44

B

Sponsor: Freitas

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
04/30/18	6	G1	1401449_030030	60	KW	78451.2	777.6	0
04/30/18	7	G1	1401449_030030	60	KW	79185.6	993.6	0
04/30/18	8	G1	1401449_030030	60	KW	79228.8	3196.8	0
04/30/18	9	G1	1401449_030030	60	KW	79228.8	4190.4	0
04/30/18	10	G1	1401449_030030	60	KW	79142.4	2592	0
04/30/18	11	G1	1401449_030030	60	KW	79185.6	4363.2	0
04/30/18	12	G1	1401449_030030	60	KW	79228.8	5054.4	0
04/30/18	13	G1	1401449_030030	60	KW	78580.8	6134.4	0
04/30/18	14	G1	1401449_030030	60	KW	77500.8	6091.2	0
04/30/18	15	G1	1401449_030030	60	KW	77328	5961.6	0
04/30/18	16	G1	1401449_030030	60	KW	76593.6	5400	0
04/30/18	17	G1	1401449_030030	60	KW	76248	5097.6	0
04/30/18	18	G1	1401449_030030	60	KW	78235.2	4881.6	0
04/30/18	19	G1	1401449_030030	60	KW	76939.2	4147.2	0
04/30/18	20	G1	1401449_030030	60	KW	76248	3888	0
04/30/18	21	G1	1401449_030030	60	KW	76204.8	3412.8	0
04/30/18	22	G1	1401449_030030	60	KW	76204.8	3801.6	0
04/30/18	23	G1	1401449_030030	60	KW	76248	3240	0
04/30/18	24	G1	1401449_030030	60	KW	76161.6	172.8	0

Total Hours 720

BLACKHAWKG1

G1 Total KW 52,814,246

①

C

Sponsor: Freitas

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
04/30/18	6	G2	1401449_030059	60	KW	78710.4	0	1036.8
04/30/18	7	G2	1401449_030059	60	KW	79444.8	0	907.2
04/30/18	8	G2	1401449_030059	60	KW	79747.2	0	216
04/30/18	9	G2	1401449_030059	60	KW	79574.4	129.6	86.4
04/30/18	10	G2	1401449_030059	60	KW	79574.4	0	302.4
04/30/18	11	G2	1401449_030059	60	KW	79574.4	432	86.4
04/30/18	12	G2	1401449_030059	60	KW	79660.8	475.2	0
04/30/18	13	G2	1401449_030059	60	KW	78969.6	1166.4	0
04/30/18	14	G2	1401449_030059	60	KW	77932.8	864	0
04/30/18	15	G2	1401449_030059	60	KW	77760	950.4	0
04/30/18	16	G2	1401449_030059	60	KW	76982.4	518.4	0
04/30/18	17	G2	1401449_030059	60	KW	76723.2	302.4	0
04/30/18	18	G2	1401449_030059	60	KW	78667.2	172.8	0
04/30/18	19	G2	1401449_030059	60	KW	77414.4	0	86.4
04/30/18	20	G2	1401449_030059	60	KW	76723.2	0	129.6
04/30/18	21	G2	1401449_030059	60	KW	76723.2	0	518.4
04/30/18	22	G2	1401449_030059	60	KW	76680	0	129.6
04/30/18	23	G2	1401449_030059	60	KW	76723.2	0	388.8
04/30/18	24	G2	1401449_030059	60	KW	76680	0	1857.6

Total Hours

720

BLACKHAWKG2

G2 Total KW

60,072,192

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Blackhawk Availability Factor Rolling Average Totals

No Major Outage Last 12 Months

April 2018 Final

Month	..... 12 Month .....		..... 5 Month On Peak	
	Total EDH	Period Hours	Avail Factor	Avail Factor
May-2017	1.000	744	0.999	0.998
Jun-2017	1.500	720	0.998	0.996
Jul-2017	0.000	744	1.000	1.000
Aug-2017	0.000	744	1.000	1.000
Sep-2017	0.000	720	1.000	1.000
Oct-2017	1.000	744	0.999	1.000
Nov-2017	19.500	721	0.973	
Dec-2017	10.000	744	0.987	1.000
Jan-2018	5.500	744	0.993	
Feb-2018	0.000	672	1.000	
Mar-2018	373.500	743	0.497	
Apr-2018	77.000	720	0.893	

Period Rolling Average Availability Factor 489.000 8,760 0.944 2,500 0.999

Capacity Payment Factor = AF12 Note: Month is Winter

This Period Capacity Payment Factor Calc = 1.000
 This Period Capacity Payment Factor for Billing = 1.000

LD

Plank, Kelsey

From: Baylor, Mark D
Sent: Tuesday, June 20, 2017 8:08 AM
To: Dennehy, Kaitlin
Subject: FW: Borger Energy/SPS PPA-- 2017 Capacity Test Result

FYI

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Baylor, Mark D
Sent: Tuesday, June 20, 2017 8:05 AM
To: dl PPSComm
Subject: Borger Energy/SPS PPA-- 2017 Capacity Test Result

The annual summer capacity test was performed at the Borger Energy Blackhawk Facility on June 15, 2017. Performance Monitoring participated in the test. The test resulted in a tested net corrected capacity level of 224.558 MW (based on SPP guidelines). This result compares to a tested summer 2016 capacity level of 219.319 MW. Capacity billing under the PPA is based on the most recent tested capacity level. As specified by the PPA, the new capacity level becomes effective June 16, 2017 for billing purposes. The 5.24 MW increase in the tested capacity level will **increase** capacity payments under the PPA during the next 12 months by approximately \$524,000.

Please contact me if you have any questions.

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

BORGER/SPS PPA--2017 Annual Price Adjustments
(Effective June 12)

Year	Quarter	GDP/IPD Value	Annual % Change***	Seller's Charge \$/Month	Fixed O&M Price \$/kW-Month	Variable O&M Price \$/MWh	Capacity Payment Rate \$/kW-Month****
2016	1st-Jan-Mar	110.448*	1.689	447.44	1.502	2.368	\$6.656
2017	1st-Jan-Mar	112.846**	2.171	457.15 ⁽¹⁾	1.535 ⁽²⁾	2.419 ⁽³⁾	\$6.789 ⁽⁴⁾

*As published by Bureau of Economic Analysis on May 27, 2016 (2009 base year).

**As published by Bureau of Economic Analysis on May 26, 2017 (2009 base year).

*** Applies to Seller's Charge, Fixed O&M Price and Variable O&M Price.

**** From Schedule F-1 of the PPA

5/30/2017

H

Plank, Kelsey

From: Baylor, Mark D
Sent: Tuesday, May 01, 2018 2:36 PM
To: Plank, Kelsey
Subject: RE: Borger Annual Price Adjustment

Not until after the GDP-IPD index is published at the end of May.

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Plank, Kelsey
Sent: Tuesday, May 01, 2018 2:31 PM
To: Baylor, Mark D
Subject: Borger Annual Price Adjustment

Hi Mark,

Do we have an update for the annual Borger price adjustment? I'm assuming we don't yet because of the GDP publishing dates but I wanted to double check.

Borger Energy Associates

P.O. Box 29

Borger, TX 79008-0029

Phone: 806-274-3340

Fax: 806-274-7488

Invoice

Sold To:

Southwestern Public Service Company
 Power Purchase & Energy Trading
 1800 Larimer Street Suite 1200
 Denver, CO 80202

Invoice #: 00989
 6/19/2018

Attention: Kelsey Plank

Customer PO	Payment Terms	Due Date
	Net due on 25th	6/25/2018

Description	Amount
The May 2018 charges are pursuant to the Power Purchase Agreement between Borger Energy Associates and Southwestern Public Service Company. See attached list for calculations.	
Energy Generation Payment for May-18	① 1,861,943.56
Variable O&M Payment for May-18	② 313,030.27
Capacity Payment for May-18	③ 1,524,181.31
Fixed O&M Payment for May-18	④ 344,618.99
Pinnacle reservation charge for May-18	⑤ 15,500.00
Less: Sellers charge May-18	⑥ (457.150)
BANKING INSTRUCTIONS WIRE	
Attention Accounts Payable	
Please Wire Funding to the following:	
Total Invoice Amount \$	⑦ 4,058,816.97

Southwestern Public Service Company

BORGER ENERGY ASSOCIATES - BLACKHAWK ST,
 Billing Month
 Date of Cogeneration Commercial Operation
 Contract Term
 Meter Read Date

May 2018
 June 12, 1999
 25 Years
 May 31, 2018

- #1 Contracted Combustion Turbine Capacity thru 5/25/18
- Contracted Combustion Turbine Capacity 5/26/18
- Total Contracted for Month of May

224,558 *
 31 * X
 25 =
 181,095 * 16129 *

G2 224,558 Kw
 G1 224,297 Kw
 J 224,507 Kw

- #2 Pre-Commercial Operation Energy
- Generator No. 1
- Generator No. 2
- Total Generation

43,412 * 3223800 *
 0 * *

Total
 64,080,288 Kwh F2
 65,324,534 Kwh F3
 129,404,822 Kwh

- #3 Capacity Payment Rate

\$6.789 /Kw-Mo

- #3.1 Capacity Payment AF Adjustment Factor
 See attached AF Report

1.0000

- #4 Weighted Average Energy Rate (per Article 5.4) (#7/ #2)
- Heat Rate (MMBtu/MWH) See attached Blackhawk Daily Report
- Fuel Cost (\$/MMBtu) See attached Blackhawk Daily Report

181,095 * 16 *
 43,412 * 32 *
 224,507 * 48 *

\$14.389 /MWh

- #5 Variable O&M Rate

I2 \$2.419 /MWh

- #6 Fixed O&M Rate

I1 \$1.535 /Kw-Mo

- #7 ENERGY PAYMENT CALCULATION
- Generation Payment (#7/ #2) = #4

F1 \$ 1,861,943.56 A1

- VARIABLE O&M PAYMENT CALCULATION
- Variable O&M Payment (#2 X #5)

\$ 313,030.27 A2

- BILLING CAPACITY CALCULATION
- Prorated Capacity Payment ((#1 X #3 X3.1)/31 days) X 25 days
- Prorated Capacity ((#1 X #3 X3.1/31 days) X 6 days)

A3 1,524,181.31 < \$ 1,229,455.05 *
 \$ 294,726.26 *

- FIXED O&M PAYMENT CALCULATION
- Prorated FIXED O&M Payment ((#1 X #6)/31 days) X 25 days
- Prorated FIXED O&M Payment ((#1 X #6)/31 days) X 6 days

A4 344,618.99 < \$ 277,981.07 *
 \$ 66,637.92 *

PINNACLE RESERVATION CHARGE

H1 \$ 15,500.00 A5

- BILLING ADJUSTMENTS
- Sellers Charge

\$ (457.15) A6

- Capacity Shortfall

\$ 4,058,816.97 A7

* Capacity
 $(224,558 \times 6.789 \times 1.000) = 1,524,524.26$ (31 days = 49,173.20
 $\times 25$ days
 $\frac{1,229,455.05}{49,121.04}$
 $(224,297 \times 6.789 \times 1.000) = 1,522,752.33$ /31 days = 49,121.04
 $\times 6$ days
 $\frac{294,726.26}{49,121.04}$ A3

* Fixed
 $(224,558 \times 1.535 \times 1.000) = 344,969$ /31 days = 11,119.24
 $\times 25$ days
 $\frac{277,981.07}{11,106.32}$ A4
 $(224,297 \times 1.535 \times 1.000) = 344,295.89$ /31 days = 11,106.32
 $\times 6$ days
 $\frac{66,637.92}{11,106.32}$

B

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
05/30/18	6	G1	1401449_030030	60	KW	94478.4	0	1771.2
05/30/18	7	G1	1401449_030030	60	KW	94392	0	345.6
05/30/18	8	G1	1401449_030030	60	KW	94392	0	216
05/30/18	9	G1	1401449_030030	60	KW	94132.8	0	1641.6
05/30/18	10	G1	1401449_030030	60	KW	93528	0	864
05/30/18	11	G1	1401449_030030	60	KW	92620.8	0	43.2
05/30/18	12	G1	1401449_030030	60	KW	92102.4	0	0
05/30/18	13	G1	1401449_030030	60	KW	91497.6	0	0
05/30/18	14	G1	1401449_030030	60	KW	91065.6	0	0
05/30/18	15	G1	1401449_030030	60	KW	92059.2	691.2	0
05/30/18	16	G1	1401449_030030	60	KW	107049.6	3542.4	0
05/30/18	17	G1	1401449_030030	60	KW	99446.4	5745.6	0
05/30/18	18	G1	1401449_030030	60	KW	90374.4	6955.2	0
05/30/18	19	G1	1401449_030030	60	KW	90331.2	7300.8	0
05/30/18	20	G1	1401449_030030	60	KW	90547.2	6998.4	0
05/30/18	21	G1	1401449_030030	60	KW	90504	6350.4	0
05/30/18	22	G1	1401449_030030	60	KW	91152	3024	0
05/30/18	23	G1	1401449_030030	60	KW	93873.6	1123.2	0
05/30/18	24	G1	1401449_030030	60	KW	94608	4708.8	0
05/31/18	1	G1	1401449_030030	60	KW	94651.2	3110.4	0
05/31/18	2	G1	1401449_030030	60	KW	94780.8	950.4	0
05/31/18	3	G1	1401449_030030	60	KW	94910.4	475.2	0
05/31/18	4	G1	1401449_030030	60	KW	94910.4	259.2	0
05/31/18	5	G1	1401449_030030	60	KW	94824	43.2	0
05/31/18	6	G1	1401449_030030	60	KW	94780.8	0	0
05/31/18	7	G1	1401449_030030	60	KW	94478.4	129.6	0
05/31/18	8	G1	1401449_030030	60	KW	94996.8	907.2	0
05/31/18	9	G1	1401449_030030	60	KW	94392	2289.6	0
05/31/18	10	G1	1401449_030030	60	KW	93614.4	2332.8	0
05/31/18	11	G1	1401449_030030	60	KW	93052.8	3628.8	0
05/31/18	12	G1	1401449_030030	60	KW	93139.2	4363.2	0
05/31/18	13	G1	1401449_030030	60	KW	92534.4	3672	0
05/31/18	14	G1	1401449_030030	60	KW	93268.8	4665.6	0
05/31/18	15	G1	1401449_030030	60	KW	109166.4	4060.8	0
05/31/18	16	G1	1401449_030030	60	KW	110116.8	5875.2	0
05/31/18	17	G1	1401449_030030	60	KW	110332.8	3931.2	0
05/31/18	18	G1	1401449_030030	60	KW	94694.4	3499.2	0
05/31/18	19	G1	1401449_030030	60	KW	92102.4	1512	0
05/31/18	20	G1	1401449_030030	60	KW	91238.4	86.4	0
05/31/18	21	G1	1401449_030030	60	KW	91022.4	0	691.2
05/31/18	22	G1	1401449_030030	60	KW	91195.2	0	993.6
05/31/18	23	G1	1401449_030030	60	KW	91540.8	0	1987.2
05/31/18	24	G1	1401449_030030	60	KW	91886.4	0	2980.8

Total Hours 744 **BLACKHAWKG1** **G1 Total KW** **64,080,288**

①

C

Sponsor: Freitas
2019 TX Rate Case

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
05/30/18	6	G2	1401449_030059	60	KW	96249.6	0	302.4
05/30/18	7	G2	1401449_030059	60	KW	96249.6	0	0
05/30/18	8	G2	1401449_030059	60	KW	96249.6	0	0
05/30/18	9	G2	1401449_030059	60	KW	95990.4	0	43.2
05/30/18	10	G2	1401449_030059	60	KW	95385.6	0	0
05/30/18	11	G2	1401449_030059	60	KW	94478.4	0	0
05/30/18	12	G2	1401449_030059	60	KW	94046.4	302.4	0
05/30/18	13	G2	1401449_030059	60	KW	93528	518.4	0
05/30/18	14	G2	1401449_030059	60	KW	93182.4	561.6	0
05/30/18	15	G2	1401449_030059	60	KW	94478.4	86.4	0
05/30/18	16	G2	1401449_030059	60	KW	110419.2	0	4060.8
05/30/18	17	G2	1401449_030059	60	KW	102211.2	0	3499.2
05/30/18	18	G2	1401449_030059	60	KW	92620.8	0	2116.8
05/30/18	19	G2	1401449_030059	60	KW	92534.4	0	1684.8
05/30/18	20	G2	1401449_030059	60	KW	92577.6	0	2030.4
05/30/18	21	G2	1401449_030059	60	KW	92534.4	0	2937.6
05/30/18	22	G2	1401449_030059	60	KW	92966.4	0	6307.2
05/30/18	23	G2	1401449_030059	60	KW	95774.4	0	7473.6
05/30/18	24	G2	1401449_030059	60	KW	96336	0	5227.2
05/31/18	1	G2	1401449_030059	60	KW	96336	0	6868.8
05/31/18	2	G2	1401449_030059	60	KW	96681.6	0	5961.6
05/31/18	3	G2	1401449_030059	60	KW	96768	0	5270.4
05/31/18	4	G2	1401449_030059	60	KW	96768	0	5572.8
05/31/18	5	G2	1401449_030059	60	KW	96638.4	0	6134.4
05/31/18	6	G2	1401449_030059	60	KW	96465.6	0	6177.6
05/31/18	7	G2	1401449_030059	60	KW	96163.2	0	5832
05/31/18	8	G2	1401449_030059	60	KW	96768	0	5227.2
05/31/18	9	G2	1401449_030059	60	KW	96206.4	0	4233.6
05/31/18	10	G2	1401449_030059	60	KW	95428.8	0	4060.8
05/31/18	11	G2	1401449_030059	60	KW	95040	0	2894.4
05/31/18	12	G2	1401449_030059	60	KW	95212.8	0	1857.6
05/31/18	13	G2	1401449_030059	60	KW	94694.4	0	2419.2
05/31/18	14	G2	1401449_030059	60	KW	95644.8	0	1555.2
05/31/18	15	G2	1401449_030059	60	KW	111844.8	0	2592
05/31/18	16	G2	1401449_030059	60	KW	113184	43.2	3283.2
05/31/18	17	G2	1401449_030059	60	KW	113400	0	6091.2
05/31/18	18	G2	1401449_030059	60	KW	97329.6	0	8726.4
05/31/18	19	G2	1401449_030059	60	KW	94780.8	0	10108.8
05/31/18	20	G2	1401449_030059	60	KW	93830.4	0	10756.8
05/31/18	21	G2	1401449_030059	60	KW	93571.2	0	9892.8
05/31/18	22	G2	1401449_030059	60	KW	93744	0	8985.6
05/31/18	23	G2	1401449_030059	60	KW	94046.4	0	9288
05/31/18	24	G2	1401449_030059	60	KW	94564.8	0	9806.4

Total Hours 744 **BLACKHAWKG2** **G2 Total KW** **65,324,534**

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②

Blackhawk Availability Factor Rolling Average Totals

No Major Outage Last 12 Months

May 2018 Final

Month	..... 12 Month .....		..... 5 Month On Peak	
	Total EDH	Period Hours	Avail Factor	Avail Factor
Jun-2017	1.500	720	0.998	0.996
Jul-2017	0.000	744	1.000	1.000
Aug-2017	0.000	744	1.000	1.000
Sep-2017	0.000	720	1.000	1.000
Oct-2017	1.000	744	0.999	1.000
Nov-2017	19.500	721	0.973	1.000
Dec-2017	10.000	744	0.987	1.000
Jan-2018	5.500	744	0.993	1.000
Feb-2018	0.000	672	1.000	1.000
Mar-2018	373.500	743	0.497	1.000
Apr-2018	77.000	720	0.893	1.000
May-2018	0.000	744	1.000	1.000
Period Rolling Average Availability Factor	488.000	8,760	0.944	0.999

Capacity Payment Factor = AF12

Note: Month is Summer and 5 Month AF > 12 Month AF

This Period Capacity Payment Factor Calc = 1.000

This Period Capacity Payment Factor for Billing = 1.000

Blackhawk Daily Report

May 2018 Final

Date	Generation KWH		% Plant Loading of Actual Capacity		Heat Rate MMBtu / MWH		Gas Cost \$/MMBtu		Energy Rate \$/MWH		Energy Payment \$		Total Payment \$
	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	
05/01/2018	1,836,994	1,918,339	67.27	70.23	6.966	7.000	2.02	14.070	14.140	25,843.03	27,136.07	52,979.10	
05/02/2018	2,124,835	2,281,565	77.49	83.20	7.000	7.078	2.05	14.350	14.510	30,491.57	33,125.49	63,617.06	
05/03/2018	2,112,955	2,262,082	75.35	80.66	6.984	7.050	2.05	14.318	14.453	30,262.09	32,714.26	62,976.35	
05/04/2018	1,969,963	2,035,498	70.22	72.53	6.975	7.000	2.05	14.299	14.350	28,172.50	29,209.30	57,381.80	
05/05/2018	2,038,392	2,050,315	72.40	72.82	6.991	6.997	2.05	14.331	14.344	29,214.52	29,417.00	58,631.53	
05/06/2018	2,059,387	2,075,717	74.40	74.99	7.000	7.009	2.05	14.350	14.369	29,552.19	29,832.05	59,384.24	
05/07/2018	1,878,552	1,885,637	68.29	68.54	6.991	6.994	2.05	14.331	14.337	26,921.45	27,035.12	53,956.56	
05/08/2018	1,853,798	1,919,981	67.29	69.70	6.969	7.000	2.05	14.286	14.350	26,487.74	27,551.88	54,039.63	
05/09/2018	1,927,584	1,991,390	70.20	72.50	6.994	6.994	2.05	14.337	14.337	27,637.52	28,553.11	56,190.63	
05/10/2018	1,908,706	1,921,752	70.74	71.22	6.981	6.991	2.05	14.312	14.331	27,319.91	27,544.60	54,864.50	
05/11/2018	1,977,782	1,996,056	72.82	73.49	7.000	7.000	2.05	14.350	14.350	28,381.06	28,643.28	57,024.34	
05/12/2018	2,055,586	2,073,298	76.61	77.27	7.000	7.019	2.05	14.350	14.388	29,497.51	29,840.04	59,337.55	
05/13/2018	2,089,109	2,112,696	77.41	78.28	7.000	7.013	2.05	14.350	14.376	29,978.77	30,375.83	60,354.60	
05/14/2018	2,229,422	2,268,173	82.33	83.76	7.000	7.019	2.05	14.350	14.389	31,992.47	32,637.39	64,629.86	
05/15/2018	2,127,082	2,160,302	78.87	80.10	7.028	7.056	2.05	14.408	14.466	30,670.33	31,281.64	61,951.97	
05/16/2018	2,269,296	2,323,771	83.39	85.39	7.000	7.066	2.05	14.370	14.484	32,613.30	33,664.61	66,277.91	
05/17/2018	1,988,669	2,003,054	74.52	75.06	7.000	7.013	2.05	14.376	14.402	28,590.21	28,855.40	57,445.61	
05/18/2018	2,155,248	2,189,419	80.18	81.45	7.000	7.050	2.05	14.363	14.466	30,953.28	31,679.60	62,632.88	
05/19/2018	2,012,861	2,027,333	74.09	74.62	7.000	7.009	2.05	14.350	14.369	28,884.45	29,136.90	58,021.35	
05/20/2018	1,990,008	1,984,781	71.33	71.15	7.000	7.000	2.05	14.350	14.350	28,556.60	28,481.59	57,038.18	
05/21/2018	2,135,419	2,173,349	78.00	79.40	7.000	7.031	2.05	14.350	14.414	30,643.33	31,335.94	61,979.27	
05/22/2018	2,153,693	2,197,238	79.57	81.18	7.000	7.050	2.05	14.350	14.453	30,905.57	31,767.81	62,673.39	
05/23/2018	2,051,395	2,080,296	76.14	77.21	7.000	7.031	2.05	14.350	14.414	29,437.61	30,000.04	59,437.66	
05/24/2018	2,189,549	2,223,331	80.96	82.22	7.019	7.063	2.05	14.388	14.478	31,515.48	32,207.38	63,722.86	
05/25/2018	2,191,968	2,222,942	82.20	83.37	7.072	7.091	2.06	14.567	14.606	32,005.73	32,549.13	64,554.86	
05/26/2018	2,058,566	2,090,578	77.32	78.53	7.000	7.038	2.05	14.384	14.461	29,607.43	30,241.79	59,849.22	
05/27/2018	2,011,867	2,035,627	76.13	77.03	7.000	7.031	2.05	14.350	14.414	28,870.48	29,356.53	58,227.02	
05/28/2018	2,047,118	2,061,806	77.67	78.23	7.000	7.038	2.05	14.350	14.427	29,376.28	29,760.06	59,136.34	
05/29/2018	2,095,546	2,116,368	78.97	79.76	7.003	7.047	2.05	14.356	14.446	30,085.52	30,588.56	60,674.08	
05/30/2018	2,247,307	2,296,728	84.60	86.46	7.025	7.075	2.05	14.402	14.504	32,375.81	33,320.98	65,696.79	
05/31/2018	2,291,630	2,345,112	85.66	87.66	7.041	7.100	2.05	14.433	14.555	33,102.04	34,154.39	67,256.43	

KWH 64,080,288 65,324,534

Total Payment 919,945.79 941,997.77

1,861,943.56

WP/E-4(CD)
Page 1970 of 8272
Sponsor: Freitas
2019 TX Rate Case

Plank, Kelsey

From: Baylor, Mark D
Sent: Thursday, May 31, 2018 2:13 PM
To: Plank, Kelsey
Subject: FW: Borger Energy/SPS PPA-- 2018 Capacity Test Result

FYI. Note the change in capacity level for billing purposes beginning May 26, 2018.

Mark

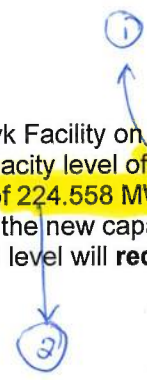
Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

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Please contact me if you have any questions.

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Consultant, Structured Power
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E: mark.d.baylor@xcelenergy.com



BORGER/SPS PPA--2018 Annual Price Adjustments

(Effective June 12)

Year	Quarter	GDPIPD Value	Annual % Change***	Seller's Charge \$/Month	Fixed O&M Price \$/kW-Month	Variable O&M Price \$/MWh	Capacity Payment Rate \$/kW-Month****
2017	1st-Jan-Mar	112.846*	2.171	457.15	1.535 ^①	2.419 ^②	\$6.789 ^③
2018	1st-Jan-Mar	114.828**	1.756	465.18	1.562	2.461	\$6.925

*As published by Bureau of Economic Analysis on May 26, 2017 (2009 base year).

**As published by Bureau of Economic Analysis on May 30, 2018 (2009 base year).

*** Applies to Seller's Charge, Fixed O&M Price and Variable O&M Price.

**** From Schedule F-1 of the PPA

5/31/2018

Borger Energy Associates
P.O. Box 29
Borger, TX 79008-0029
 Phone: 806-274-3340
 Fax: 806-274-7488


Invoice

Sold To:
 Southwestern Public Service Company
 Power Purchase & Energy Trading
 1800 Larimer Street Suite 1200
 Denver, CO 80202

Invoice #: 00994
 7/18/2018

Attention: Kelsey Plank

Customer PO	Payment Terms	Due Date
	Net due on 25th	7/25/2018

Description	Amount
The June 2018 charges are pursuant to the Power Purchase Agreement between Borger Energy Associates and Southwestern Public Service Company. See attached list for calculations.	
Energy Generation Payment for Jun-18	① 1,899,760.87
Variable O&M Payment for Jun-18	② 299,826.00
Capacity Payment for Jun-18	③ 1,542,071.78
Fixed O&M Payment for Jun-18	④ 348,131.38
Pinnacle reservation charge for Jun-18	⑤ 15,500.00
Less: Sellers charge Jun-18	⑥ (462.230)
BANKING INSTRUCTIONS WIRE	
Attention Accounts Payable Please Wire Funding to the following: 	
Total Invoice Amount \$ ⑦ 4,104,827.80	

A

BORGER ENERGY ASSOCIATES - BLACKHAWK STATION

Billing Month
 Date of Cogeneration Commercial Operation
 Contract Term
 Meter Read Date

June 2018
 June 12, 1999
 25 Years
 June 30, 2018

#1 Contracted Combustion Turbine Capacity 5/26/18

224,297 Kw **Gi**

Pre-Commercial Operation Energy

C1	Total	Generation 6/1-6/11	Generation 6/12-6/30	check
D1	59,581,526 Kwh	22,294,699 Kwh	37,286,827 Kwh	-
	63,026,554 Kwh	23,240,606 Kwh	39,785,947 Kwh	(0.00)
	<u>122,608,080 Kwh</u>	<u>45,535,306</u>	<u>77,072,774</u>	

#3 Payment Rate (thru 6/11/2018)

I1 \$6.789 /Kw-Mo

#3a Capacity Payment Rate (6/12/2018 forward)

I2 \$6.925 /Kw-Mo

#3.1 Capacity Payment AF Adjustment Factor

1.0000 **E1**

See attached AF Report

#4 Weighted Average Energy Rate (per Article 5.4) (#7/ #2)

\$15.495 /MWh

Heat Rate (MMBtu/MWh)

Fuel Cost (\$/MMBtu)

#5 Variable O&M Rate (thru 6/11/2018)

I3 \$2.419 /MWh

#5a Variable O&M Rate (6/12/2018 forward)

I4 \$2.461 /MWh

#6 Fixed O&M Rate (thru 6/11/2018)

I5 \$1.535 /Kw-Mo

#6a Fixed O&M Rate (6/12/2018 forward)

I6 \$1.562 /Kw-Mo

ENERGY PAYMENT CALCULATION

Generation Payment (#7/ #2) = #4

A1 \$ 1,899,760.87 **F1**

VARIABLE O&M PAYMENT CALCULATION

Variable O&M Payment 6/1/2018-6/11/2018 (#2 X #5)

\$ 110,149.90 **A2**

Prorated Variable O&M Payment 6/12/2018-6/30/2018 (#2 x #5a)

\$ 189,676.10 **A3**

BILLING CAPACITY CALCULATION

Capacity Payment (#1 X #3 X 3.1/30 days * 11 days)

\$ 558,342.52 **A4**

Prorated Capacity Payment (#1 X #3a X 3.1/30 days * 19 days)

\$ 983,729.26 **A5**

FIXED O&M PAYMENT CALCULATION

FIXED O&M Payment (#1 X #6/30 days * 11 days)

\$ 126,241.83 **A6**

Prorated FIXED O&M Payment (#1 X #6a/30 days * 19 days)

\$ 221,889.55 **A7**

PINNACLE RESERVATION CHARGE

H1 \$ 15,500.00 **A8**

BILLING ADJUSTMENTS

Sellers Charge (11 days)

I7 \$ (167.62) **A9**

Sellers Charge (19 days)

I8 \$ (294.61) **A10**

Capacity Shortfall

\$ 4,104,827.80 **A11**

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
06/30/18	6	G1	1401449_030030	60	KW	74736	0	43.2
06/30/18	7	G1	1401449_030030	60	KW	74779.2	0	1080
06/30/18	8	G1	1401449_030030	60	KW	74779.2	0	3931.2
06/30/18	9	G1	1401449_030030	60	KW	74865.6	0	3024
06/30/18	10	G1	1401449_030030	60	KW	74736	0	302.4
06/30/18	11	G1	1401449_030030	60	KW	74779.2	0	0
06/30/18	12	G1	1401449_030030	60	KW	74822.4	0	0
06/30/18	13	G1	1401449_030030	60	KW	74779.2	0	0
06/30/18	14	G1	1401449_030030	60	KW	80092.8	0	0
06/30/18	15	G1	1401449_030030	60	KW	86961.6	43.2	43.2
06/30/18	16	G1	1401449_030030	60	KW	86788.8	0	43.2
06/30/18	17	G1	1401449_030030	60	KW	86832	0	43.2
06/30/18	18	G1	1401449_030030	60	KW	86961.6	0	43.2
06/30/18	19	G1	1401449_030030	60	KW	86659.2	0	172.8
06/30/18	20	G1	1401449_030030	60	KW	79142.4	0	0
06/30/18	21	G1	1401449_030030	60	KW	74908.8	950.4	0
06/30/18	22	G1	1401449_030030	60	KW	74865.6	1944	0
06/30/18	23	G1	1401449_030030	60	KW	74952	1080	0
06/30/18	24	G1	1401449_030030	60	KW	74908.8	0	0

Total Hours **720** **BLACKHAWKG1** **G1 Total KW** **59,581,526**

①

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
06/30/18	6	G2	1401449_030059	60	KW	80006.4	0	8208
06/30/18	7	G2	1401449_030059	60	KW	80092.8	0	7041.6
06/30/18	8	G2	1401449_030059	60	KW	80049.6	0	5616
06/30/18	9	G2	1401449_030059	60	KW	80092.8	0	5054.4
06/30/18	10	G2	1401449_030059	60	KW	80006.4	0	3974.4
06/30/18	11	G2	1401449_030059	60	KW	80049.6	0	2764.8
06/30/18	12	G2	1401449_030059	60	KW	80092.8	0	2462.4
06/30/18	13	G2	1401449_030059	60	KW	80049.6	0	1684.8
06/30/18	14	G2	1401449_030059	60	KW	88516.8	0	1641.6
06/30/18	15	G2	1401449_030059	60	KW	94910.4	0	1036.8
06/30/18	16	G2	1401449_030059	60	KW	94651.2	0	777.6
06/30/18	17	G2	1401449_030059	60	KW	94694.4	0	3110.4
06/30/18	18	G2	1401449_030059	60	KW	94780.8	0	2851.2
06/30/18	19	G2	1401449_030059	60	KW	94521.6	0	3456
06/30/18	20	G2	1401449_030059	60	KW	84412.8	0	1123.2
06/30/18	21	G2	1401449_030059	60	KW	80092.8	0	86.4
06/30/18	22	G2	1401449_030059	60	KW	80049.6	86.4	216
06/30/18	23	G2	1401449_030059	60	KW	80092.8	43.2	518.4
06/30/18	24	G2	1401449_030059	60	KW	80049.6	0	1166.4

Total Hours 720 ✓

BLACKHAWKG2

G2 Total KW 63,026,554

(1)

D

Blackhawk Availability Factor Rolling Average Totals

June 2018 Final

No Major Outage Last 12 Months

Month	..... 12 Month .....		..... 5 Month On Peak	
	Total EDH	Period Hours	Total EDH	Period Hours
Jul-2017	0.000	744	0.000	400
Aug-2017	0.000	744	0.000	432
Sep-2017	0.000	720	0.000	416
Oct-2017	1.000	744		
Nov-2017	19.500	721		
Dec-2017	10.000	744		
Jan-2018	5.500	744		
Feb-2018	0.000	672		
Mar-2018	373.500	743		
Apr-2018	77.000	720		
May-2018	0.000	744	0.000	416
Jun-2018	0.000	720	0.000	416

Period Rolling Average Availability Factor

486.500

8,760

0.944

0.000

2,080

1.000

Capacity Payment Factor = AF12

Note: Month is Summer and 5 Month AF > 12 Month AF

This Period Capacity Payment Factor Calc =

1.000

This Period Capacity Payment Factor for Billing =

1.000

Blackhawk Daily Report

June 2018 Final

Date	Generation KWH		% Plant Loading of Actual Capacity		Heat Rate MMBtu / MWH		Gas Cost \$/MMBtu		Energy Rate \$/MWH		Energy Payment \$		Total Payment \$	
	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2
06/01/2018	2,087,597	2,119,651	78.68	79.89	7.000	7.028	2.16	15.097	15.158	31,555.97	32,185.57	63,741.54		
06/02/2018	1,976,702	1,986,293	72.49	72.85	7.000	7.000	2.21	15.470	15.470	30,579.56	30,727.93	61,307.49		
06/03/2018	2,042,842	2,065,910	73.88	74.72	6.997	6.997	2.21	15.449	15.463	31,564.42	31,950.16	63,514.58		
06/04/2018	2,192,702	2,239,877	80.77	82.51	7.000	7.031	2.21	15.470	15.539	33,921.22	34,809.50	68,730.72		
06/05/2018	2,178,965	2,221,862	81.73	83.35	7.038	7.075	2.21	15.553	15.636	33,923.79	34,781.61	68,705.40		
06/06/2018	2,104,834	2,199,528	79.34	82.94	7.000	7.081	2.23	15.622	15.804	32,890.19	34,792.07	67,682.26	X	
06/07/2018	1,990,699	2,138,875	75.02	80.61	6.991	7.044	2.22	15.525	15.643	30,903.59	33,469.35	64,372.94		
06/08/2018	1,964,736	2,115,936	73.39	79.04	6.988	7.028	2.21	15.442	15.532	30,345.37	32,878.51	63,223.88		
06/09/2018	1,907,539	2,048,803	70.75	76.00	6.978	7.022	2.21	15.422	15.518	29,423.76	31,807.21	61,230.97		
06/10/2018	1,824,854	1,931,083	68.43	72.42	6.981	7.000	2.21	15.429	15.470	28,157.71	29,873.94	58,031.66		
06/11/2018	2,023,229	2,172,787	75.99	81.60	7.000	7.063	2.21	15.470	15.608	31,299.43	33,934.16	65,233.59		
06/12/2018	2,002,277	2,167,517	75.68	81.93	6.991	7.084	2.21	15.449	15.657	30,938.14	33,960.71	64,898.85		
06/13/2018	2,049,581	2,223,072	76.36	82.82	6.997	7.078	2.21	15.463	15.643	31,696.73	34,793.93	66,490.66		
06/14/2018	2,029,061	2,172,226	76.14	81.51	6.997	7.041	2.21	15.463	15.560	31,377.32	33,812.51	65,189.84		
06/15/2018	2,003,962	2,159,222	75.14	80.97	7.000	7.053	2.21	15.470	15.587	31,001.22	33,673.82	64,675.04		
06/16/2018	2,032,517	2,187,302	76.61	82.45	7.000	7.050	2.21	15.470	15.580	31,442.85	34,092.00	65,534.85		
06/17/2018	1,932,768	2,063,405	72.87	77.80	7.000	7.013	2.21	15.470	15.498	29,899.85	31,984.62	61,884.46		
06/18/2018	1,967,976	2,108,160	74.30	79.60	7.000	7.044	2.21	15.470	15.567	30,444.61	32,835.66	63,280.27		
06/19/2018	1,979,554	2,129,501	75.35	81.07	7.000	7.053	2.21	15.470	15.587	30,623.51	33,210.74	63,834.25		
06/20/2018	2,020,162	2,151,965	74.94	79.84	7.000	7.031	2.21	15.470	15.539	31,251.66	33,450.69	64,702.35		
06/21/2018	1,906,805	2,034,547	71.70	76.49	6.988	7.019	2.21	15.442	15.511	29,448.97	31,568.87	61,017.84	X	
06/22/2018	1,786,320	1,854,101	67.50	70.06	6.978	7.000	2.26	15.769	15.819	28,164.44	29,325.00	57,489.44	X	
06/23/2018	1,940,155	2,021,846	73.54	76.65	6.997	7.041	2.21	15.438	15.534	29,922.56	31,393.07	61,315.64	X	
06/24/2018	1,811,765	1,878,120	68.63	71.14	7.000	7.000	2.17	15.172	15.172	27,488.03	28,494.77	55,982.80	X	
06/25/2018	2,172,182	2,265,235	79.98	83.42	7.000	7.044	2.17	15.169	15.264	32,949.09	34,581.85	67,530.94	X	
06/26/2018	1,971,346	2,088,634	74.76	79.22	6.997	7.053	2.20	15.362	15.486	30,294.35	32,383.09	62,677.44		
06/27/2018	1,981,325	2,145,614	74.86	81.08	6.975	7.072	2.21	15.415	15.629	30,553.76	33,557.91	64,111.66		
06/28/2018	1,911,816	2,043,965	71.69	76.66	6.966	7.034	2.21	15.394	15.546	29,440.59	31,795.07	61,235.65		
06/29/2018	1,922,098	2,084,486	72.33	78.44	6.966	7.050	2.21	15.394	15.580	29,599.89	32,499.09	62,098.98		
06/30/2018	1,865,160	2,007,029	70.96	76.36	6.994	7.031	2.21	15.456	15.539	28,829.20	31,205.70	60,034.90		
KWH	59,581,526	63,026,554								919,931.76	979,829.11	1,899,760.87		

C1 D1

Total Payment

1

Plank, Kelsey

From: Baylor, Mark D
Sent: Thursday, May 31, 2018 2:13 PM
To: Plank, Kelsey
Subject: FW: Borger Energy/SPS PPA-- 2018 Capacity Test Result

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Mark

Mark Baylor
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Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

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 (Effective June 12)

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**** From Schedule F-1 of the PPA

5/31/2018

$$457.15 / 30 \text{ days} = 15.238 \times 11 \text{ days} = 167.62 \text{ ①} \checkmark$$

$$465.18 / 30 \text{ days} = 15.506 \times 19 \text{ days} = 294.61 \text{ ②} \checkmark$$

$$462.23 \text{ Av}$$

I

Borger Energy Associates
P.O. Box 29
Borger, TX 79008-0029
Phone: 806-274-3340
Fax: 806-274-7488

Invoice

Sold To:
Southwestern Public Service Company
Power Purchase & Energy Trading
1800 Larimer Street Suite 1200
Denver, CO 80202

Invoice #: 00997
8/17/2018

Attention: Kelsey Plank

Customer PO	Payment Terms	Due Date
	Net due on 25th	8/25/2018

Description	Amount
The July 2018 charges are pursuant to the Power Purchase Agreement between Borger Energy Associates and Southwestern Public Service Company. See attached list for calculations.	
Energy Generation Payment for Jul-18	① 2,076,167.08
Variable O&M Payment for Jul-18	② 321,111.77
Capacity Payment for Jul-18	③ 1,553,256.73
Fixed O&M Payment for Jul-18	④ 350,351.91
Pinnacle reservation charge for Jul-18	⑤ 15,500.00
Less: Sellers charge Jul-18	⑥ (465.180)
BANKING INSTRUCTIONS WIRE	
Attention Accounts Payable	
Please Wire Funding to the following:	
Total Invoice Amount \$	⑦ 4,315,922.31

Southwestern Public Service Company

Final 2019170

BORGER ENERGY ASSOCIATES - BLACKHAWK STATION
 Billing Month
 Date of Cogeneration Commercial Operation
 Contract Term
 Meter Read Date

July 2018
 June 12, 1999
 25 Years
 July 31, 2018

#1 Contracted Combustion Turbine Capacity 5/26/18

G1 224,297 Kw (2)

Pre-Commercial Operation Energy
 Generator No. 1
 Generator No. 2

Total
 62,934,926 Kwh
 67,545,274 Kwh
 130,480,200 Kwh

#2 Total Generation

D2: E1
 D3: F1
 0

#3 Capacity Payment Rate

I4 \$6.925 /Kw-Mo

#3.1 Capacity Payment AF Adjustment Factor
 See attached AF Report

1.0000 U

#4 Weighted Average Energy Rate (per Article 5.4) (#7/ #2)
 Heat Rate (MMBtu/MWH) See attached Blackhawk Daily Report
 Fuel Cost (\$MMBtu) See attached Blackhawk Daily Report

\$15.912 /MWh

#5 Variable O&M Rate

I3 \$2.461 /MWh

#6 Fixed O&M Rate

Ia \$1.562 /Kw-Mo

#7 ENERGY PAYMENT CALCULATION
 Generation Payment (#7/ #2) = #4

D1 \$ 2,076,167.08 A1

VARIABLE O&M PAYMENT CALCULATION
 Variable O&M Payment (#2 X #5)

\$ 321,111.77 A2

BILLING CAPACITY CALCULATION
 Capacity Payment (#1 X #3 X #3.1)

\$ 1,553,256.73 A3

FIXED O&M PAYMENT CALCULATION
 FIXED O&M Payment (#1 X #6)

\$ 350,351.91 A4

PINNACLE RESERVATION CHARGE

H1 \$ 15,500.00 A5

BILLING ADJUSTMENTS
 Sellers Charge

I1 \$ (465.18) A6

Capacity Shortfall

\$ 4,315,922.31 A7

8

Blackhawk Availability Factor Rolling Average Totals

July 2018 Final

No Major Outage Last 12 Months

Month	..... 12 Month .....		..... 5 Month On Peak	
	Total EDH	Period Hours	Avail Factor	Avail Factor
Aug-2017	0.000	744	1.000	1.000
Sep-2017	0.000	720	1.000	1.000
Oct-2017	1.000	744	0.999	1.000
Nov-2017	19.500	721	0.973	1.000
Dec-2017	10.000	744	0.987	1.000
Jan-2018	5.500	744	0.993	1.000
Feb-2018	0.000	672	1.000	1.000
Mar-2018	373.500	743	0.497	1.000
Apr-2018	77.000	720	0.893	1.000
May-2018	0.000	744	1.000	1.000
Jun-2018	0.000	720	1.000	1.000
Jul-2018	0.000	744	1.000	1.000
Period Rolling Average Availability Factor	486.500	8,760	0.944	2,096

Capacity Payment Factor = AF12 **Note: Month is Summer and 5 Month AF > 12 Month AF**

This Period Capacity Payment Factor Calc = 1.000
 This Period Capacity Payment Factor for Billing = 1.000



Blackhawk Daily Report

July 2018 Final

Date	Generation KWH		% Plant Loading of Actual Capacity		Heat Rate MMBtu / MWH		Gas Cost \$ / MMBtu		Energy Rate \$ / MWH		Energy Payment \$		Total Payment \$	
	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2
07/01/2018	1,920,370	2,070,576	72.35	78.01	6.972	7.034	2.23	15.547	15.687	29,873.19	32,507.64	62,380.83		
07/02/2018	1,889,525	2,043,014	71.47	77.28	6.963	7.038	2.24	15.596	15.764	29,483.18	32,227.99	61,711.17		
07/03/2018	1,958,688	2,120,472	73.81	79.91	6.966	7.059	2.24	15.603	15.813	30,575.99	33,556.10	64,132.09		
07/04/2018	1,909,613	2,055,974	71.64	77.13	6.959	7.031	2.24	15.589	15.750	29,782.77	32,402.95	62,185.72		
07/05/2018	2,049,926	2,161,210	77.15	81.35	6.991	7.041	2.24	15.659	15.771	32,106.26	34,114.08	66,220.34		
07/06/2018	2,119,176	2,305,411	79.44	86.42	7.000	7.072	2.24	15.680	15.841	33,228.57	36,521.34	69,749.92		
07/07/2018	2,004,048	2,174,213	74.91	81.27	6.975	7.047	2.24	15.624	15.785	31,324.14	34,335.20	65,659.34		
07/08/2018	1,981,152	2,146,046	74.21	80.39	6.975	7.047	2.24	15.624	15.785	30,965.18	33,892.73	64,857.91		
07/09/2018	2,001,586	2,170,627	74.71	81.02	6.975	7.047	2.24	15.624	15.785	31,285.73	34,278.94	65,564.67		
07/10/2018	2,135,549	2,323,296	79.75	86.76	7.000	7.075	2.24	15.680	15.848	33,485.27	36,819.44	70,304.71		
07/11/2018	2,030,573	2,183,760	76.15	81.89	6.984	7.044	2.24	15.645	15.778	31,777.43	34,467.76	66,245.18		
07/12/2018	2,061,936	2,225,491	77.18	83.30	6.988	7.050	2.24	15.652	15.792	32,282.20	35,154.90	67,437.10		
07/13/2018	2,105,438	2,186,309	78.90	81.93	7.000	7.022	2.24	15.680	15.729	33,013.28	34,394.73	67,408.00		
07/14/2018	1,861,272	1,981,757	69.98	74.51	6.956	7.019	2.24	15.582	15.722	29,014.55	31,171.54	60,186.09		
07/15/2018	2,006,986	2,125,094	75.76	80.22	6.972	7.047	2.35	16.396	16.573	33,027.37	35,336.62	68,363.99	X	
07/16/2018	2,181,859	2,296,469	82.18	86.50	7.000	7.075	2.43	16.976	17.158	37,038.10	39,401.37	76,439.48	X	
07/17/2018	2,129,544	2,176,502	80.41	82.18	7.006	7.053	2.51	17.587	17.706	37,506.86	38,608.08	76,114.94	X	
07/18/2018	2,002,838	2,089,714	75.96	79.27	7.000	7.028	2.37	16.557	16.622	33,145.50	34,690.44	67,835.94	X	
07/19/2018	2,001,931	2,178,749	75.73	82.42	6.981	7.053	2.25	15.716	15.878	31,462.52	34,593.82	66,056.34		
07/20/2018	2,129,501	2,315,434	79.61	86.56	7.000	7.075	2.24	15.680	15.848	33,390.53	36,694.94	70,085.47		
07/21/2018	1,996,704	2,146,306	74.67	80.27	6.975	7.044	2.23	15.575	15.728	31,108.41	33,768.88	64,877.30	X	
07/22/2018	1,924,171	2,081,117	71.31	77.13	6.963	7.034	2.24	15.572	15.732	29,981.00	32,763.45	62,744.45		
07/23/2018	2,034,245	2,214,432	75.80	82.52	6.984	7.056	2.24	15.645	15.806	31,836.30	35,015.28	66,851.59		
07/24/2018	2,108,419	2,311,070	79.24	86.86	7.000	7.075	2.24	15.680	15.848	33,060.23	36,626.08	69,686.31		
07/25/2018	1,984,738	2,163,542	74.41	81.12	6.978	7.047	2.27	15.865	16.021	31,522.29	34,706.53	66,228.81	X	
07/26/2018	2,080,296	2,230,805	78.01	83.66	6.994	7.056	2.30	16.106	16.250	33,515.52	36,266.90	69,782.43	X	
07/27/2018	2,127,211	2,322,389	79.49	86.78	7.000	7.078	2.26	15.842	16.019	33,700.84	37,202.57	70,903.40		
07/28/2018	2,125,224	2,314,397	79.52	86.60	7.000	7.075	2.24	15.680	15.848	33,323.75	36,678.82	70,002.57		
07/29/2018	1,859,026	2,012,429	70.05	75.84	6.950	7.025	2.24	15.568	15.736	28,954.17	31,682.39	60,636.56		
07/30/2018	2,082,413	2,202,552	76.70	81.12	6.988	7.019	2.24	15.652	15.722	32,602.92	34,634.41	67,237.33		
07/31/2018	2,130,970	2,216,117	77.71	80.84	7.000	7.022	2.24	15.680	15.729	33,413.71	34,863.39	68,277.10		

KWH **62,934,926** **67,545,274**

Total Payment **996,787.76** **1,079,379.32** **2,076,167.08**

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
07/30/18	6	G1	1401449_030030	60	KW	73483.2	5443.2	0
07/30/18	7	G1	1401449_030030	60	KW	73483.2	6048	0
07/30/18	8	G1	1401449_030030	60	KW	79315.2	4190.4	0
07/30/18	9	G1	1401449_030030	60	KW	90374.4	2505.6	0
07/30/18	10	G1	1401449_030030	60	KW	90374.4	2808	0
07/30/18	11	G1	1401449_030030	60	KW	90331.2	388.8	0
07/30/18	12	G1	1401449_030030	60	KW	90288	3067.2	0
07/30/18	13	G1	1401449_030030	60	KW	91324.8	1987.2	0
07/30/18	14	G1	1401449_030030	60	KW	92188.8	43.2	0
07/30/18	15	G1	1401449_030030	60	KW	91972.8	43.2	43.2
07/30/18	16	G1	1401449_030030	60	KW	91886.4	0	43.2
07/30/18	17	G1	1401449_030030	60	KW	91972.8	0	0
07/30/18	18	G1	1401449_030030	60	KW	92275.2	0	43.2
07/30/18	19	G1	1401449_030030	60	KW	92102.4	0	43.2
07/30/18	20	G1	1401449_030030	60	KW	92188.8	43.2	43.2
07/30/18	21	G1	1401449_030030	60	KW	92491.2	43.2	0
07/30/18	22	G1	1401449_030030	60	KW	92361.6	43.2	0
07/30/18	23	G1	1401449_030030	60	KW	86875.2	43.2	0
07/30/18	24	G1	1401449_030030	60	KW	86961.6	0	0
07/31/18	1	G1	1401449_030030	60	KW	86961.6	0	0
07/31/18	2	G1	1401449_030030	60	KW	86961.6	0	0
07/31/18	3	G1	1401449_030030	60	KW	86918.4	43.2	0
07/31/18	4	G1	1401449_030030	60	KW	86875.2	0	0
07/31/18	5	G1	1401449_030030	60	KW	86918.4	345.6	0
07/31/18	6	G1	1401449_030030	60	KW	86961.6	864	0
07/31/18	7	G1	1401449_030030	60	KW	86961.6	2376	0
07/31/18	8	G1	1401449_030030	60	KW	86961.6	864	0
07/31/18	9	G1	1401449_030030	60	KW	86918.4	388.8	0
07/31/18	10	G1	1401449_030030	60	KW	93744	43.2	0
07/31/18	11	G1	1401449_030030	60	KW	93873.6	0	0
07/31/18	12	G1	1401449_030030	60	KW	93528	86.4	0
07/31/18	13	G1	1401449_030030	60	KW	93268.8	1512	0
07/31/18	14	G1	1401449_030030	60	KW	91497.6	86.4	0
07/31/18	15	G1	1401449_030030	60	KW	90288	0	0
07/31/18	16	G1	1401449_030030	60	KW	89769.6	1296	0
07/31/18	17	G1	1401449_030030	60	KW	89467.2	216	0
07/31/18	18	G1	1401449_030030	60	KW	89164.8	0	0
07/31/18	19	G1	1401449_030030	60	KW	88992	43.2	0
07/31/18	20	G1	1401449_030030	60	KW	89035.2	43.2	0
07/31/18	21	G1	1401449_030030	60	KW	89596.8	0	2462.4
07/31/18	22	G1	1401449_030030	60	KW	87177.6	0	2764.8
07/31/18	23	G1	1401449_030030	60	KW	84542.4	0	3196.8
07/31/18	24	G1	1401449_030030	60	KW	84585.6	0	1641.6

Total Hours 744

BLACKHAWKG1

G1 Total KW 62,934,926 ✓



DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
07/30/18	6	G2	1401449_030059	60	KW	80308.8	43.2	0
07/30/18	7	G2	1401449_030059	60	KW	80265.6	432	0
07/30/18	8	G2	1401449_030059	60	KW	86313.6	129.6	129.6
07/30/18	9	G2	1401449_030059	60	KW	98323.2	0	86.4
07/30/18	10	G2	1401449_030059	60	KW	98366.4	0	172.8
07/30/18	11	G2	1401449_030059	60	KW	98366.4	0	518.4
07/30/18	12	G2	1401449_030059	60	KW	98366.4	0	43.2
07/30/18	13	G2	1401449_030059	60	KW	96379.2	0	259.2
07/30/18	14	G2	1401449_030059	60	KW	94910.4	0	2332.8
07/30/18	15	G2	1401449_030059	60	KW	94651.2	0	1512
07/30/18	16	G2	1401449_030059	60	KW	94564.8	0	1036.8
07/30/18	17	G2	1401449_030059	60	KW	94694.4	0	1166.4
07/30/18	18	G2	1401449_030059	60	KW	95040	0	1339.2
07/30/18	19	G2	1401449_030059	60	KW	94867.2	0	2332.8
07/30/18	20	G2	1401449_030059	60	KW	94996.8	0	2332.8
07/30/18	21	G2	1401449_030059	60	KW	95212.8	0	3326.4
07/30/18	22	G2	1401449_030059	60	KW	94953.6	0	4017.6
07/30/18	23	G2	1401449_030059	60	KW	87523.2	0	2980.8
07/30/18	24	G2	1401449_030059	60	KW	87566.4	0	2764.8
07/31/18	1	G2	1401449_030059	60	KW	87523.2	0	1728
07/31/18	2	G2	1401449_030059	60	KW	87566.4	0	907.2
07/31/18	3	G2	1401449_030059	60	KW	87523.2	0	734.4
07/31/18	4	G2	1401449_030059	60	KW	87436.8	0	1252.8
07/31/18	5	G2	1401449_030059	60	KW	87480	0	518.4
07/31/18	6	G2	1401449_030059	60	KW	87566.4	0	345.6
07/31/18	7	G2	1401449_030059	60	KW	87480	0	129.6
07/31/18	8	G2	1401449_030059	60	KW	87480	0	432
07/31/18	9	G2	1401449_030059	60	KW	87480	0	2721.6
07/31/18	10	G2	1401449_030059	60	KW	96292.8	0	4190.4
07/31/18	11	G2	1401449_030059	60	KW	96638.4	0	2937.6
07/31/18	12	G2	1401449_030059	60	KW	96033.6	0	820.8
07/31/18	13	G2	1401449_030059	60	KW	95904	0	172.8
07/31/18	14	G2	1401449_030059	60	KW	96681.6	0	1209.6
07/31/18	15	G2	1401449_030059	60	KW	98020.8	0	1512
07/31/18	16	G2	1401449_030059	60	KW	97588.8	0	259.2
07/31/18	17	G2	1401449_030059	60	KW	97329.6	0	2030.4
07/31/18	18	G2	1401449_030059	60	KW	97156.8	0	2462.4
07/31/18	19	G2	1401449_030059	60	KW	97113.6	0	3542.4
07/31/18	20	G2	1401449_030059	60	KW	97156.8	0	4492.8
07/31/18	21	G2	1401449_030059	60	KW	97545.6	0	6609.6
07/31/18	22	G2	1401449_030059	60	KW	94780.8	0	6609.6
07/31/18	23	G2	1401449_030059	60	KW	85233.6	0	5659.2
07/31/18	24	G2	1401449_030059	60	KW	85104	0	5270.4

Total Hours

744

BLACKHAWKG2

G2 Total KW

67,545,274



Plank, Kelsey

From: Baylor, Mark D
Sent: Thursday, May 31, 2018 2:13 PM
To: Plank, Kelsey
Subject: FW: Borger Energy/SPS PPA-- 2018 Capacity Test Result

FYI. Note the change in capacity level for billing purposes beginning May 26, 2018.

Mark

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Baylor, Mark D
Sent: Thursday, May 31, 2018 2:12 PM
To: dl PComm
Subject: Borger Energy/SPS PPA-- 2018 Capacity Test Result

The annual summer capacity test was performed at the Borger Energy Blackhawk Facility on May 25, 2018. Performance Monitoring participated in the test. The test resulted in a tested net corrected capacity level of 224.297 MW (based on SPP guidelines). This result compares to a tested summer 2017 capacity level of 224.558 MW. Capacity billing under the PPA is based on the most recent tested capacity level. As specified by the PPA, the new capacity level becomes effective May 26, 2018 for billing purposes. The 0.26 MW decrease in the tested capacity level will reduce total capacity payments under the PPA during the next 12 months by approximately \$26,000.

Please contact me if you have any questions.

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

BORGER/SPS PPA--2018 Annual Price Adjustments
 (Effective June 12)

Year	Quarter	GDPIPD Value	Annual % Change***	Seller's Charge \$/Month	Fixed O&M Price \$/kW-Month	Variable O&M Price \$/MWh	Capacity Payment Rate \$/kW-Month****
2017	1st-Jan-Mar	112.846*	2.171	457.15	1.535	2.419	\$6.789
2018	1st-Jan-Mar	114.828**	1.756	466.18	1.562	2.461	\$6.925

*As published by Bureau of Economic Analysis on May 26, 2017 (2009 base year).

**As published by Bureau of Economic Analysis on May 30, 2018 (2009 base year).

*** Applies to Seller's Charge, Fixed O&M Price and Variable O&M Price.

**** From Schedule F-1 of the PPA

5/31/2018

I

Borger Energy Associates

P.O. Box 29

Borger, TX 79008-0029

Phone: 806-274-3340

Fax: 806-274-7488

Invoice

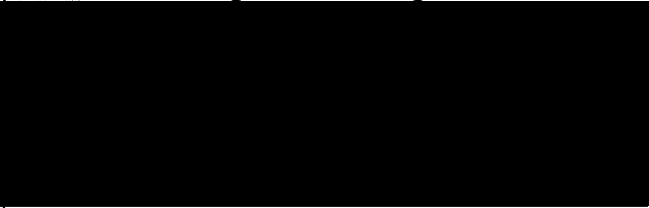
Sold To:

Southwestern Public Service Company
 Power Purchase & Energy Trading
 1800 Larimer Street Suite 1200
 Denver, CO 80202

Invoice #: 01000
 9/18/2018

Attention: Bill Watson

Customer PO	Payment Terms	Due Date
	Net due on 25th	9/25/2018

Description	Amount
The August 2018 charges are pursuant to the Power Purchase Agreement between Borger Energy Associates and Southwestern Public Service Company. See attached list for calculations.	
Energy Generation Payment for Aug-18	B1 2,099,879.00 ①
Variable O&M Payment for Aug-18	B2 315,701.92 ②
Capacity Payment for Aug-18	B3 1,553,256.73 ③
Fixed O&M Payment for Aug-18	B4 350,351.91 ④
Pinnacle reservation charge for Aug-18	B5 15,500.00 ⑤
Less: Sellers charge Aug-18	B6 (465.180) ⑥
BANKING INSTRUCTIONS WIRE	
Attention Accounts Payable Please Wire Funding to the following: 	
Total Invoice Amount	B7 4,334,224.38 ⑦

A

Southwestern Public Service Company

Final

201808

BORGER ENERGY ASSOCIATES - BLACKHAWK STATION
 Billing Month
 Date of Cogeneration Commercial Operation
 Contract Term
 Meter Read Date

August 2018
 June 12, 1999
 25 Years
 August 31, 2018

#1 Contracted Combustion Turbine Capacity 5/26/18

G-1 224,297 Kw

Pre-Commercial Operation Energy
 Generator No. 1
 Generator No. 2
 Total Generation

	Total
C1	63,521,582 Kwh
D1	64,760,386 Kwh
	<u>128,281,968 Kwh</u>

#3 Capacity Payment Rate

I3 \$6.925 /Kw-Mo

#3.1 Capacity Payment AF Adjustment Factor

See attached AF Report

E1 1.0000

#4 Weighted Average Energy Rate (per Article 5.4) (#7/ #2)

\$16.369 /MWh

Heat Rate (MMBtu/MWH)

See attached Blackhawk Daily Report

Fuel Cost (\$MMBtu)

See attached Blackhawk Daily Report

#5 Variable O&M Rate

I2 \$2.461 /MWh

#6 Fixed O&M Rate

I1 \$1.562 /Kw-Mo

#7 ENERGY PAYMENT CALCULATION

Generation Payment (#7/ #2) = #4

PAYMENT	
\$	F1 2,099,879.00 (1)

VARIABLE O&M PAYMENT CALCULATION

Variable O&M Payment (#2 X #5)

\$	315,701.92 (2)
----	----------------

BILLING CAPACITY CALCULATION

Capacity Payment (#1 X #3 X #3.1)

\$	1,553,256.73 (3)
----	------------------

FIXED O&M PAYMENT CALCULATION

FIXED O&M Payment (#1 X #6)

\$	350,351.91 (4)
----	----------------

PINNACLE RESERVATION CHARGE

\$	H1 15,500.00 (5)
----	------------------

BILLING ADJUSTMENTS

Sellers Charge

\$	I4 (465.18) (6)
----	-----------------

Capacity Shortfall

\$	<u>4,334,224.38</u> (7)
----	-------------------------

B

DateFormat	HourEnding	Unit	RECORDER ID	DATE	HOUR	IN	UN	Sponsor: KW	Freitas: KVAR	Rate Case	KVAR2
08/30/18	6	G1	1401449_030030	83018	600	60	KW	75384	0		3024
08/30/18	7	G1	1401449_030030	83018	700	60	KW	75816	0		2678.4
08/30/18	8	G1	1401449_030030	83018	800	60	KW	76377.6	0		4017.6
08/30/18	9	G1	1401449_030030	83018	900	60	KW	76809.6	0		4363.2
08/30/18	10	G1	1401449_030030	83018	1000	60	KW	90892.8	0		7344
08/30/18	11	G1	1401449_030030	83018	1100	60	KW	90288	0		4881.6
08/30/18	12	G1	1401449_030030	83018	1200	60	KW	89856	0		5270.4
08/30/18	13	G1	1401449_030030	83018	1300	60	KW	89640	0		5054.4
08/30/18	14	G1	1401449_030030	83018	1400	60	KW	89510.4	0		2721.6
08/30/18	15	G1	1401449_030030	83018	1500	60	KW	89337.6	0		864
08/30/18	16	G1	1401449_030030	83018	1600	60	KW	89208	0		2073.6
08/30/18	17	G1	1401449_030030	83018	1700	60	KW	89164.8	0		86.4
08/30/18	18	G1	1401449_030030	83018	1800	60	KW	89294.4	0		302.4
08/30/18	19	G1	1401449_030030	83018	1900	60	KW	89251.2	0		302.4
08/30/18	20	G1	1401449_030030	83018	2000	60	KW	89251.2	0		302.4
08/30/18	21	G1	1401449_030030	83018	2100	60	KW	89769.6	0		1814.4
08/30/18	22	G1	1401449_030030	83018	2200	60	KW	83808	0		86.4
08/30/18	23	G1	1401449_030030	83018	2300	60	KW	75384	0		0
08/30/18	24	G1	1401449_030030	83018	2400	60	KW	75340.8	0		0
08/31/18	1	G1	1401449_030030	83118	100	60	KW	75384	0		216
08/31/18	2	G1	1401449_030030	83118	200	60	KW	75340.8	0		259.2
08/31/18	3	G1	1401449_030030	83118	300	60	KW	75384	0		0
08/31/18	4	G1	1401449_030030	83118	400	60	KW	75340.8	0		86.4
08/31/18	5	G1	1401449_030030	83118	500	60	KW	75384	0		1123.2
08/31/18	6	G1	1401449_030030	83118	600	60	KW	75340.8	0		172.8
08/31/18	7	G1	1401449_030030	83118	700	60	KW	75340.8	0		0
08/31/18	8	G1	1401449_030030	83118	800	60	KW	75340.8	0		0
08/31/18	9	G1	1401449_030030	83118	900	60	KW	75340.8	0		0
08/31/18	10	G1	1401449_030030	83118	1000	60	KW	75816	0		0
08/31/18	11	G1	1401449_030030	83118	1100	60	KW	80438.4	0		0
08/31/18	12	G1	1401449_030030	83118	1200	60	KW	89208	86.4		0
08/31/18	13	G1	1401449_030030	83118	1300	60	KW	89337.6	0		0
08/31/18	14	G1	1401449_030030	83118	1400	60	KW	89380.8	0		0
08/31/18	15	G1	1401449_030030	83118	1500	60	KW	88862.4	0		86.4
08/31/18	16	G1	1401449_030030	83118	1600	60	KW	89035.2	0		1036.8
08/31/18	17	G1	1401449_030030	83118	1700	60	KW	88992	0		2635.2
08/31/18	18	G1	1401449_030030	83118	1800	60	KW	89251.2	0		2419.2
08/31/18	19	G1	1401449_030030	83118	1900	60	KW	88344	0		2764.8
08/31/18	20	G1	1401449_030030	83118	2000	60	KW	75556.8	0		43.2
08/31/18	21	G1	1401449_030030	83118	2100	60	KW	75556.8	0		648
08/31/18	22	G1	1401449_030030	83118	2200	60	KW	75600	0		1641.6
08/31/18	23	G1	1401449_030030	83118	2300	60	KW	75556.8	0		4320
08/31/18	24	G1	1401449_030030	83118	2400	60	KW	75556.8	0		6091.2

Total Hours 744

BLACKHAWKG1

G1 Total KW 63,521,582

C

Sponsor: Freitas
2019 TX Rate Case

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
08/30/18	6	G2	1401449_030059	60	KW	75513.6	0	2980.8
08/30/18	7	G2	1401449_030059	60	KW	76161.6	0	2721.6
08/30/18	8	G2	1401449_030059	60	KW	76507.2	0	4233.6
08/30/18	9	G2	1401449_030059	60	KW	76939.2	0	4536
08/30/18	10	G2	1401449_030059	60	KW	93441.6	0	6782.4
08/30/18	11	G2	1401449_030059	60	KW	92966.4	0	4406.4
08/30/18	12	G2	1401449_030059	60	KW	92534.4	0	4492.8
08/30/18	13	G2	1401449_030059	60	KW	92145.6	0	4017.6
08/30/18	14	G2	1401449_030059	60	KW	91972.8	0	1425.6
08/30/18	15	G2	1401449_030059	60	KW	91972.8	0	648
08/30/18	16	G2	1401449_030059	60	KW	91800	0	1036.8
08/30/18	17	G2	1401449_030059	60	KW	91627.2	0	432
08/30/18	18	G2	1401449_030059	60	KW	91713.6	0	648
08/30/18	19	G2	1401449_030059	60	KW	91800	0	648
08/30/18	20	G2	1401449_030059	60	KW	92016	0	345.6
08/30/18	21	G2	1401449_030059	60	KW	92664	0	1123.2
08/30/18	22	G2	1401449_030059	60	KW	85708.8	0	432
08/30/18	23	G2	1401449_030059	60	KW	75513.6	0	345.6
08/30/18	24	G2	1401449_030059	60	KW	75513.6	0	216
08/31/18	1	G2	1401449_030059	60	KW	75513.6	0	820.8
08/31/18	2	G2	1401449_030059	60	KW	75513.6	0	950.4
08/31/18	3	G2	1401449_030059	60	KW	75513.6	0	691.2
08/31/18	4	G2	1401449_030059	60	KW	75513.6	0	950.4
08/31/18	5	G2	1401449_030059	60	KW	75556.8	0	1339.2
08/31/18	6	G2	1401449_030059	60	KW	75513.6	0	1080
08/31/18	7	G2	1401449_030059	60	KW	75470.4	0	172.8
08/31/18	8	G2	1401449_030059	60	KW	75470.4	0	475.2
08/31/18	9	G2	1401449_030059	60	KW	75513.6	0	864
08/31/18	10	G2	1401449_030059	60	KW	75470.4	0	216
08/31/18	11	G2	1401449_030059	60	KW	80524.8	43.2	0
08/31/18	12	G2	1401449_030059	60	KW	91670.4	86.4	0
08/31/18	13	G2	1401449_030059	60	KW	91756.8	0	0
08/31/18	14	G2	1401449_030059	60	KW	91843.2	0	43.2
08/31/18	15	G2	1401449_030059	60	KW	91497.6	0	475.2
08/31/18	16	G2	1401449_030059	60	KW	91540.8	0	820.8
08/31/18	17	G2	1401449_030059	60	KW	91627.2	0	1036.8
08/31/18	18	G2	1401449_030059	60	KW	91972.8	0	1080
08/31/18	19	G2	1401449_030059	60	KW	91195.2	0	1209.6
08/31/18	20	G2	1401449_030059	60	KW	75902.4	0	691.2
08/31/18	21	G2	1401449_030059	60	KW	75945.6	0	1080
08/31/18	22	G2	1401449_030059	60	KW	75902.4	0	1641.6
08/31/18	23	G2	1401449_030059	60	KW	75816	0	4060.8
08/31/18	24	G2	1401449_030059	60	KW	75772.8	0	5443.2

Total Hours

744

BLACKHAWKG2

G2 Total KW

64,760,386

D

Blackhawk Availability Factor Rolling Average Totals

August 2018 Final

No Major Outage Last 12 Months

Month	..... 12 Month .....		..... 5 Month On Peak	
	Total EDH	Period Hours	Avail Factor	Avail Factor
Sep-2017	0.000	720	1.000	1.000
Oct-2017	1.000	744	0.999	1.000
Nov-2017	19.500	721	0.973	1.000
Dec-2017	10.000	744	0.987	1.000
Jan-2018	5.500	744	0.993	1.000
Feb-2018	0.000	672	1.000	1.000
Mar-2018	373.500	743	0.497	1.000
Apr-2018	77.000	720	0.893	1.000
May-2018	0.000	744	1.000	1.000
Jun-2018	0.000	720	1.000	1.000
Jul-2018	0.000	744	1.000	1.000
Aug-2018 ✓	0.000	744	1.000	1.000
Period Rolling Average Availability Factor	486.500	8,760	0.944	2,096

Capacity Payment Factor = AF12

Note: Month is Summer and 5 Month AF > 12 Month AF

This Period Capacity Payment Factor Calc = 1.000

This Period Capacity Payment Factor for Billing = 1.000

Source: IEE Data for 12 months

Blackhawk Daily Report

August 2018 Final

Date	Generation KWH		% Plant Loading of Actual Capacity		Heat Rate MMBtu / MWH		Gas Cost \$/MMBtu		Energy Rate \$/MWH		Energy Payment \$		Total Payment \$
	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	
08/01/2018	2,064,312	2,202,250	76.64	81.78	7.000	7.028	2.31	16.147	16.212	33,331.68	35,725.85	69,057.53	
08/02/2018	2,125,094	2,154,816	79.40	80.52	7.000	7.000	2.34	16.380	16.380	34,808.91	35,295.75	70,104.66	
08/03/2018	2,072,909	2,094,941	77.60	78.43	7.000	7.000	2.34	16.380	16.380	33,954.11	34,314.99	68,269.10	
08/04/2018	2,058,955	2,050,574	77.53	77.23	7.000	7.000	2.34	16.380	16.380	33,725.43	33,588.16	67,313.59	
08/05/2018	2,035,368	2,060,683	75.89	76.84	7.000	7.000	2.34	16.380	16.380	33,339.41	33,754.08	67,093.49	
08/06/2018	2,088,763	2,135,765	77.61	79.36	7.000	7.000	2.34	16.380	16.380	34,213.85	34,983.73	69,197.58	
08/07/2018	2,079,691	2,130,581	77.85	79.76	7.000	7.000	2.34	16.380	16.380	34,065.20	34,898.76	68,963.96	
08/08/2018	1,986,638	2,023,272	73.94	75.30	6.978	6.984	2.34	16.329	16.343	32,448.72	33,074.95	65,523.67	
08/09/2018	2,187,216	2,255,170	81.59	84.12	7.000	7.000	2.34	16.380	16.380	35,826.65	36,939.73	72,766.38	
08/10/2018	2,142,893	2,194,992	79.65	81.59	7.000	6.997	2.34	16.380	16.373	35,100.50	35,940.43	71,040.93	
08/11/2018	2,061,806	2,098,829	76.28	77.66	7.000	6.997	2.34	16.380	16.373	33,772.16	34,365.12	68,137.28	
08/12/2018	2,046,298	2,085,350	76.06	77.52	7.000	7.000	2.34	16.380	16.380	33,518.43	34,158.12	67,676.55	
08/13/2018	2,052,648	2,095,070	76.66	78.25	7.000	7.000	2.34	16.380	16.380	33,622.45	34,317.33	67,939.78	
08/14/2018	2,075,458	2,115,850	78.29	79.82	7.000	7.000	2.34	16.380	16.380	33,995.95	34,657.56	68,653.51	
08/15/2018	2,167,603	2,226,960	81.58	83.82	7.000	7.000	2.34	16.380	16.380	35,505.43	36,477.69	71,983.12	
08/16/2018	2,058,005	2,103,883	77.63	79.37	7.000	7.003	2.34	16.380	16.387	33,654.96	34,373.90	68,028.86	
08/17/2018	2,054,635	2,097,533	77.24	78.85	7.000	7.000	2.34	16.380	16.380	33,315.83	34,033.35	67,349.19	
08/18/2018	2,033,942	2,077,747	76.70	78.35	7.000	7.000	2.34	16.380	16.380	35,711.82	36,556.01	72,267.83	
08/19/2018	2,180,218	2,231,755	81.15	83.07	7.000	7.000	2.34	16.380	16.380	33,604.94	34,145.34	67,750.28	
08/20/2018	2,052,389	2,084,573	75.09	76.26	6.997	7.000	2.34	16.373	16.380	36,157.92	37,209.44	73,367.36	
08/21/2018	2,207,434	2,271,629	81.07	83.43	7.000	7.000	2.34	16.380	16.380	35,464.46	36,541.45	72,005.91	
08/22/2018	2,165,098	2,230,848	80.88	83.34	7.000	7.000	2.34	16.380	16.380	32,809.94	32,928.11	65,738.05	
08/23/2018	2,003,054	2,010,269	75.30	75.58	7.000	7.000	2.34	16.380	16.380	32,245.43	32,718.83	64,964.26	
08/24/2018	1,968,581	1,997,482	74.08	75.17	7.000	7.000	2.34	16.380	16.380	33,058.45	33,698.09	66,756.55	
08/25/2018	2,018,218	2,056,277	76.08	77.52	7.000	7.003	2.34	16.380	16.387	30,447.13	30,829.95	61,277.09	
08/26/2018	1,864,944	1,837,538	70.59	71.45	6.975	6.978	2.34	16.323	16.330	31,526.96	31,846.80	63,373.76	
08/27/2018	1,924,646	1,944,173	72.58	73.32	7.000	7.000	2.34	16.381	16.381	31,063.27	31,358.97	62,422.25	
08/28/2018	1,898,770	1,916,827	71.55	72.24	6.991	6.991	2.34	16.358	16.358	31,565.12	31,890.60	63,455.72	
08/29/2018	1,930,306	1,950,998	72.22	73.01	6.988	6.984	2.34	16.351	16.344	32,612.55	33,181.47	65,794.02	
08/30/2018	1,991,002	2,025,734	74.93	76.25	7.000	7.000	2.34	16.380	16.380	31,526.35	31,908.46	63,434.81	
08/31/2018	1,924,690	1,948,018	72.38	73.27	7.000	7.000	2.34	16.380	16.380				

KWH 63,521,582 64,760,386 **Total Payment** 1,039,704.24 1,060,174.76 **Total Payment** 2,099,879.00

7

Watson, Bill A

From: Baylor, Mark D
Sent: Thursday, May 31, 2018 2:13 PM
To: Plank, Kelsey
Subject: FW: Borger Energy/SPS PPA-- 2018 Capacity Test Result

FYI. Note the change in capacity level for billing purposes beginning May 26, 2018.

Mark

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Baylor, Mark D
Sent: Thursday, May 31, 2018 2:12 PM
To: dl PPComm
Subject: Borger Energy/SPS PPA-- 2018 Capacity Test Result

The annual summer capacity test was performed at the Borger Energy Blackhawk Facility on May 25, 2018. Performance Monitoring participated in the test. The test resulted in a tested net corrected capacity level of 224.297 MW (based on SPP guidelines). This result compares to a tested summer 2017 capacity level of 224.558 MW. Capacity billing under the PPA is based on the most recent tested capacity level. As specified by the PPA, the new capacity level becomes effective May 26, 2018 for billing purposes. The 0.26 MW decrease in the tested capacity level will **reduce** total capacity payments under the PPA during the next 12 months by approximately \$26,000.

Please contact me if you have any questions.

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

K #10566

FOURTH AMENDMENT TO
NATURAL GAS PIPELINE CONSTRUCTION AND TRANSPORTATION AGREEMENT

This Fourth Amendment To Natural Gas Pipeline Construction And Transportation Agreement ("Fourth Amendment") is entered into this 17 day of December 2008, by and between Southwestern Public Service Company ("SPS"), Borger Energy Associates, L.P. ("Borger") and MarkWest Blackhawk, L.L.C. ("MarkWest") (SPS, Borger and MarkWest are collectively referred to herein as the "Parties").

WHEREAS, SPS, Borger and MarkWest, by assignment from Pinnacle Pipeline Company, previously entered into a Natural Gas Pipeline Construction And Transportation Agreement dated May 1, 1998, as amended May 31, 2006, December 28, 2006, and December 6, 2007 (the "Agreement"), which, among other things, provided for certain construction, operation and maintenance services with respect to the Blackhawk Pipeline (the "Pipeline") under the terms and conditions set forth therein;

WHEREAS, the Pipeline was constructed to serve certain gas supply needs for Borger's Blackhawk Station;

WHEREAS, in accordance with the terms of the Agreement, the Pipeline and related facilities, equipment, property interests, contracts and other rights, liabilities and obligations have been assigned to and assumed by SPS; and

WHEREAS, the Parties desire to further amend the Agreement as set forth below.

NOW, THEREFORE, in consideration of the premises and mutual covenants and agreements contained herein, and for other good and valuable consideration the sufficiency of which is agreed to by the Parties, the Parties agree as follows:

I. Paragraph 1: Term Extension, Section 17.15, Term shall be deleted in its entirety and replaced with the following:

"1. Term Extension. Section 17.15, Term of the Agreement shall be extended to continue through and including December 31, 2009 ("Primary Term"), whereupon this Agreement shall be automatically renewed for successive renewal terms of one (1) year each, a ("Renewal Term"), unless terminated by either Party giving written notice of termination to the other Party at least thirty (30) days prior to expiration of the Primary Term or any successive Renewal Term."

II. Paragraph 3. Compensation shall be deleted in its entirety and replaced with the following:

"3. Compensation. In consideration of the services provided, Borger agrees to pay and remit to MarkWest \$15,500.00 per month for each month of the extended Term that this Fourth Amendment remains in effect; payable upon its receipt of invoice(s) from

BORGER/SPS PPA--2018 Annual Price Adjustments
(Effective June 12)

Year	Quarter	GDIPIPD Value	Annual % Change***	Seller's Charge \$/Month	Fixed O&M Price \$/kW-Month	Variable O&M Price \$/MWh	Capacity Payment Rate \$/kW-Month****
2017	1st-Jan-Mar	112.846*	2.171	457.15	1.535	2.419	\$6.789
2018	1st-Jan-Mar	114.828**	1.756	465.18 ⁽¹⁾	1.562 ⁽¹⁾	2.461 ⁽²⁾	\$6.925 ⁽³⁾

*As published by Bureau of Economic Analysis on May 26, 2017 (2009 base year).
**As published by Bureau of Economic Analysis on May 30, 2018 (2009 base year).
*** Applies to Seller's Charge, Fixed O&M Price and Variable O&M Price.
**** From Schedule F-1 of the PPA

5/31/2018

I

Borger Energy Associates

P.O. Box 29

Borger, TX 79008-0029

Phone: 806-274-3340

Fax: 806-274-7488

Invoice

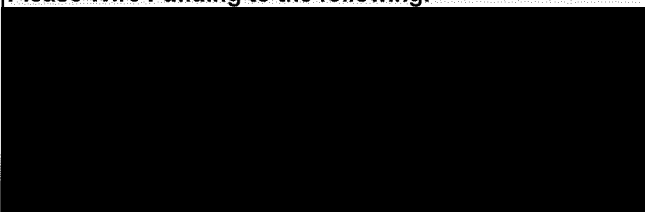
Sold To:

Southwestern Public Service Company
 Power Purchase & Energy Trading
 1800 Larimer Street Suite 1200
 Denver, CO 80202

Invoice #: 01004
 10/16/2018

Attention: Bill Watson

Customer PO	Payment Terms	Due Date
	Net due on 25th	10/25/2018

Description	Amount
The September 2018 charges are pursuant to the Power Purchase Agreement between Borger Energy Associates and Southwestern Public Service Company. See attached list for calculations.	
Energy Generation Payment for Sep-18	B1 1,870,756.52 ①
Variable O&M Payment for Sep-18	B2 296,111.95 ②
Capacity Payment for Sep-18	B3 1,553,256.73 ③
Fixed O&M Payment for Sep-18	B4 350,351.91 ④
Pinnacle reservation charge for Sep-18	B5 15,500.00 ⑤
Less: Sellers charge Sep-18	B6 (465.180) ⑥
BANKING INSTRUCTIONS WIRE	
Attention Accounts Payable	
Please Wire Funding to the following:	
	
Total Invoice Amount \$	B7 4,085,511.93 ⑦

A

Southwestern Public Service Company

Final 2019 TX Rate Case

BORGER ENERGY ASSOCIATES - BLACKHAWK STATION

Billing Month
 Date of Cogeneration Commercial Operation
 Contract Term
 Meter Read Date

September 2018
 June 12, 1999
 25 Years
 September 30, 2018

#1 Contracted Combustion Turbine Capacity 5/26/18

G₁ 224,297 Kw (9)

Pre-Commercial Operation Energy
 Generator No. 1

Total
 58,390,984 Kwh
 61,930,816 Kwh (8)

#2 Total Generation

I₃₄ \$6.925 /Kw-Mo

#3 Capacity Payment Rate

E₁ 1.0000

#3.1 Capacity Payment AF Adjustment Factor

See attached AF Report

#4 Weighted Average Energy Rate (per Article 5.4) (#7/ #2)

\$15.548 /MWh

Heat Rate (MMBtu/MWh) See attached Blackhawk Daily Report
 Fuel Cost (\$/MMBtu) See attached Blackhawk Daily Report

#5 Variable O&M Rate

I₃ \$2.461 /MWh

#6 Fixed O&M Rate

I₂ \$1.562 /Kw-Mo

#7 ENERGY PAYMENT CALCULATION

Generation Payment (#7/ #2) = #4

PAYMENT	
\$ F ₁	1,870,756.52 (1)
\$	296,111.95 (2)
\$	1,553,256.73 (3)
\$	350,351.91 (4)
\$ H ₁	15,500.00 (5)
\$ I ₁	(465.18) (6)
\$	4,085,511.93 (7)

VARIABLE O&M PAYMENT CALCULATION

Variable O&M Payment (#2 X #5)

BILLING CAPACITY CALCULATION

Capacity Payment (#1 X #3 X #3.1)

FIXED O&M PAYMENT CALCULATION

FIXED O&M Payment (#1 X #6)

PINNACLE RESERVATION CHARGE

BILLING ADJUSTMENTS

Sellers Charge

Capacity Shortfall

Sponsor: Freitas

2019 TX Rate Case

DateFormat	HourEnding	Unit	RECORDER ID	DATE	HOUR	IN	UN	KW	KVAR	KVAR2
09/30/18	6	G1	1401449_030030	93018	600	60	KW	77458	6566	0
09/30/18	7	G1	1401449_030030	93018	700	60	KW	77458	6437	0
09/30/18	8	G1	1401449_030030	93018	800	60	KW	77458	6350	0
09/30/18	9	G1	1401449_030030	93018	900	60	KW	77501	6178	0
09/30/18	10	G1	1401449_030030	93018	1000	60	KW	77501	6134	0
09/30/18	11	G1	1401449_030030	93018	1100	60	KW	77458	6610	0
09/30/18	12	G1	1401449_030030	93018	1200	60	KW	77544	7128	0
09/30/18	13	G1	1401449_030030	93018	1300	60	KW	79488	6998	0
09/30/18	14	G1	1401449_030030	93018	1400	60	KW	90245	6048	0
09/30/18	15	G1	1401449_030030	93018	1500	60	KW	90115	6912	0
09/30/18	16	G1	1401449_030030	93018	1600	60	KW	89986	6782	0
09/30/18	17	G1	1401449_030030	93018	1700	60	KW	89899	6826	0
09/30/18	18	G1	1401449_030030	93018	1800	60	KW	89726	7085	0
09/30/18	19	G1	1401449_030030	93018	1900	60	KW	89640	6826	0
09/30/18	20	G1	1401449_030030	93018	2000	60	KW	89597	6264	0
09/30/18	21	G1	1401449_030030	93018	2100	60	KW	90374	5875	0
09/30/18	22	G1	1401449_030030	93018	2200	60	KW	90547	4666	0
09/30/18	23	G1	1401449_030030	93018	2300	60	KW	90893	3067	0
09/30/18	24	G1	1401449_030030	93018	2400	60	KW	91109	864	0

Total Hours 720

BLACKHAWKG1

G1 Total KW 58,390,984

C

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
09/30/18	6	G2	1401449_030059	60	KW	77674	0	130
09/30/18	7	G2	1401449_030059	60	KW	77630	0	216
09/30/18	8	G2	1401449_030059	60	KW	77674	0	389
09/30/18	9	G2	1401449_030059	60	KW	77674	0	605
09/30/18	10	G2	1401449_030059	60	KW	77674	0	389
09/30/18	11	G2	1401449_030059	60	KW	77674	0	0
09/30/18	12	G2	1401449_030059	60	KW	77717	0	0
09/30/18	13	G2	1401449_030059	60	KW	80050	0	0
09/30/18	14	G2	1401449_030059	60	KW	92405	0	43
09/30/18	15	G2	1401449_030059	60	KW	92189	0	0
09/30/18	16	G2	1401449_030059	60	KW	91886	0	0
09/30/18	17	G2	1401449_030059	60	KW	91800	0	0
09/30/18	18	G2	1401449_030059	60	KW	91800	0	0
09/30/18	19	G2	1401449_030059	60	KW	92059	0	0
09/30/18	20	G2	1401449_030059	60	KW	92362	0	86
09/30/18	21	G2	1401449_030059	60	KW	93226	0	389
09/30/18	22	G2	1401449_030059	60	KW	93571	0	864
09/30/18	23	G2	1401449_030059	60	KW	93830	0	1728
09/30/18	24	G2	1401449_030059	60	KW	93874	0	3586

Total Hours 720

BLACKHAWKG2

G2 Total KW 61,930,816

D

Blackhawk Availability Factor Rolling Average Totals

No Major Outage Last 12 Months

September 2018 Final

Month	..... 12 Month .....		..... 5 Month On Peak	
	Total EDH	Period Hours	Avail Factor	Avail Factor
Oct-2017	1.000	744	0.999	
Nov-2017	19.500	721	0.973	
Dec-2017	10.000	744	0.987	
Jan-2018	5.500	744	0.993	
Feb-2018	0.000	672	1.000	
Mar-2018	373.500	743	0.497	
Apr-2018	77.000	720	0.893	
May-2018	0.000	744	1.000	1.000
Jun-2018	0.000	720	1.000	1.000
Jul-2018	0.000	744	1.000	1.000
Aug-2018	0.000	744	1.000	1.000
Sep-2018	2.000	720	0.997	0.995
Period Rolling Average Availability Factor	488.500	8,760	0.944	2,064
Capacity Payment Factor = AF12			2.000	0.999

Note: Month is Summer and 5 Month AF > 12 Month AF

This Period Capacity Payment Factor Calc = 1.000
 This Period Capacity Payment Factor for Billing = 1.000

(17)

Blackhawk Daily Report

September 2018 Final

Date	Generation KWH		% Plant Loading of Actual Capacity		Heat Rate MMBtu / MWH		Gas Cost \$/MMBtu		Energy Rate \$/MWH		Energy Payment \$		Total Payment \$	P
	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2		
09/01/2018	1,820,966	1,830,772	68.20	68.57	7.000	7.000	2.23	15.588	15.588	28,385.36	28,538.05	56,923.41	X	
09/02/2018	1,935,142	1,963,525	72.40	73.47	7.000	7.000	2.22	15.541	15.541	30,073.30	30,514.37	60,587.67		
09/03/2018	1,844,639	1,862,312	69.42	70.09	6.969	6.969	2.22	15.471	15.471	28,543.28	28,817.53	57,360.81		
09/04/2018	2,010,874	2,050,574	75.32	76.81	6.994	6.994	2.22	15.526	15.526	31,224.13	31,840.96	63,065.09		
09/05/2018	2,045,002	2,145,572	75.87	79.61	6.994	7.025	2.22	15.526	15.596	31,754.23	33,474.08	65,228.30		
09/06/2018	1,957,655	2,117,877	72.20	78.11	6.966	7.038	2.22	15.464	15.623	30,285.27	33,104.08	63,389.35		
09/07/2018	2,057,962	2,228,083	75.50	81.74	6.984	7.053	2.22	15.505	15.658	31,919.26	34,899.79	66,819.05		
09/08/2018	2,143,627	2,327,012	79.06	85.82	7.000	7.075	2.22	15.540	15.707	33,311.96	36,549.21	69,861.18		
09/09/2018	2,132,524	2,251,973	79.53	83.97	7.000	7.031	2.22	15.540	15.609	33,139.42	35,157.58	68,297.00		
09/10/2018	2,121,941	2,183,327	78.85	81.14	7.000	7.003	2.22	15.540	15.547	32,974.96	33,945.01	66,919.98		
09/11/2018	1,923,528	2,067,077	71.19	76.52	6.969	7.016	2.22	15.471	15.575	29,771.31	32,222.33	61,993.64		
09/12/2018	1,914,497	2,064,611	71.10	76.68	6.956	7.028	2.22	15.443	15.602	29,578.57	32,227.80	61,806.36		
09/13/2018	1,904,686	2,054,679	71.29	76.91	6.963	7.025	2.22	15.457	15.596	29,450.73	32,056.82	61,507.55		
09/14/2018	1,438,905	1,917,521	53.75	71.84	6.906	7.000	2.22	15.332	15.540	22,147.19	29,798.28	51,945.46		
09/15/2018	1,949,357	2,125,179	73.06	79.65	6.972	7.044	2.22	15.478	15.637	30,184.05	33,248.49	63,432.54		
09/16/2018	1,930,352	2,098,957	72.41	78.74	6.966	7.038	2.22	15.464	15.623	29,864.44	32,808.60	62,673.03		
09/17/2018	1,917,777	2,083,232	72.01	78.23	6.966	7.034	2.22	15.464	15.616	29,668.10	32,547.82	62,215.92		
09/18/2018	1,937,433	2,103,321	72.92	79.17	6.969	7.041	2.22	15.471	15.630	29,986.50	32,891.39	62,877.89		
09/19/2018	1,957,390	2,119,650	73.85	79.96	6.981	7.038	2.22	15.498	15.623	30,344.86	33,131.29	63,476.15		
09/20/2018	1,910,519	2,056,580	71.73	77.21	6.963	7.031	2.22	15.457	15.609	29,543.13	32,117.38	61,660.51		
09/21/2018	1,889,177	2,032,344	69.33	74.59	6.956	7.019	2.22	15.443	15.582	29,183.38	31,678.16	60,861.54		
09/22/2018	1,988,236	2,137,318	70.60	75.90	6.959	7.019	2.22	15.450	15.582	30,728.23	33,313.23	64,041.46		
09/23/2018	1,972,426	2,120,688	71.26	76.63	6.975	7.025	2.22	15.485	15.596	30,547.85	33,084.73	63,632.58		
09/24/2018	1,923,438	2,063,704	70.31	75.43	6.966	7.013	2.22	15.464	15.568	29,751.15	32,134.42	61,885.57		
09/25/2018	1,942,876	2,022,276	71.54	74.49	7.000	7.000	2.22	15.540	15.540	30,192.29	31,426.17	61,618.46		
09/26/2018	1,990,960	2,008,541	71.69	72.32	7.000	7.000	2.22	15.540	15.540	30,939.52	31,212.73	62,152.25		
09/27/2018	1,904,041	1,909,569	68.39	68.59	6.981	7.000	2.22	15.498	15.540	29,508.56	29,674.70	59,183.26		
09/28/2018	1,887,148	1,892,458	67.57	67.75	6.988	6.988	2.22	15.512	15.512	29,274.71	29,357.12	58,631.83		
09/29/2018	2,036,404	2,060,946	73.95	74.87	7.028	7.041	2.22	15.603	15.631	31,794.92	32,246.52	64,041.44		
09/30/2018	2,001,502	2,031,138	74.34	75.45	7.000	7.000	2.22	15.540	15.540	31,103.34	31,563.88	62,667.23		

KWH 58,390,984 61,930,816

Total Payment 905,174.00 965,582.52

Total Payment 1,870,756.52

①

T

Watson, Bill A

From: Baylor, Mark D
Sent: Thursday, May 31, 2018 2:13 PM
To: Plank, Kelsey
Subject: FW: Borger Energy/SPS PPA-- 2018 Capacity Test Result

FYI. Note the change in capacity level for billing purposes beginning May 26, 2018.

Mark

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Baylor, Mark D
Sent: Thursday, May 31, 2018 2:12 PM
To: dl PPComm
Subject: Borger Energy/SPS PPA-- 2018 Capacity Test Result

The annual summer capacity test was performed at the Borger Energy Blackhawk Facility on May 25, 2018. Performance Monitoring participated in the test. The test resulted in a tested net corrected capacity level of 224.297 MW (based on SPP guidelines). This result compares to a tested summer 2017 capacity level of 224.558 MW. Capacity billing under the PPA is based on the most recent tested capacity level. As specified by the PPA, the new capacity level becomes effective May 26, 2018 for billing purposes. The 0.26 MW decrease in the tested capacity level will **reduce** total capacity payments under the PPA during the next 12 months by approximately \$26,000.

Please contact me if you have any questions.

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

X #10566

FOURTH AMENDMENT TO
NATURAL GAS PIPELINE CONSTRUCTION AND TRANSPORTATION AGREEMENT

This Fourth Amendment To Natural Gas Pipeline Construction And Transportation Agreement ("Fourth Amendment") is entered into this 17 day of December 2008, by and between Southwestern Public Service Company ("SPS"), Borger Energy Associates, L.P. ("Borger") and MarkWest Blackhawk, L.L.C. ("MarkWest") (SPS, Borger and MarkWest are collectively referred to herein as the "Parties").

WHEREAS, SPS, Borger and MarkWest, by assignment from Pinnacle Pipeline Company, previously entered into a Natural Gas Pipeline Construction And Transportation Agreement dated May 1, 1998, as amended May 31, 2006, December 28, 2006, and December 6, 2007 (the "Agreement"), which, among other things, provided for certain construction, operation and maintenance services with respect to the Blackhawk Pipeline (the "Pipeline") under the terms and conditions set forth therein;

WHEREAS, the Pipeline was constructed to serve certain gas supply needs for Borger's Blackhawk Station;

WHEREAS, in accordance with the terms of the Agreement, the Pipeline and related facilities, equipment, property interests, contracts and other rights, liabilities and obligations have been assigned to and assumed by SPS; and

WHEREAS, the Parties desire to further amend the Agreement as set forth below.

NOW, THEREFORE, in consideration of the premises and mutual covenants and agreements contained herein, and for other good and valuable consideration the sufficiency of which is agreed to by the Parties, the Parties agree as follows:

I. Paragraph 1: Term Extension, Section 17.15, Term shall be deleted in its entirety and replaced with the following:

"1. Term Extension, Section 17.15, Term of the Agreement shall be extended to continue through and including December 31, 2009 ("Primary Term"), whereupon this Agreement shall be automatically renewed for successive renewal terms of one (1) year each, a ("Renewal Term"), unless terminated by either Party giving written notice of termination to the other Party at least thirty (30) days prior to expiration of the Primary Term or any successive Renewal Term."

II. Paragraph 3. Compensation shall be deleted in its entirety and replaced with the following:

"3. Compensation. In consideration of the services provided, Borger agrees to pay and remit to MarkWest \$15,500.00 per month for each month of the extended Term that this Fourth Amendment remains in effect; payable upon its receipt of invoice(s) from

BORGER/SPS PPA--2018 Annual Price Adjustments
(Effective June 12)

Year	Quarter	GDPIPD Value	Annual % Change***	Seller's Charge \$/Month	Fixed O&M Price \$/kW-Month	Variable O&M Price \$/MWh	Capacity Payment Rate \$/kW-Month****
2017	1st-Jan-Mar	112.846*	2.171	457.15	1.535	2.419	\$6.789
2018	1st-Jan-Mar	114.828**	1.756	465.18 ⁽¹⁾	1.562 ⁽²⁾	2.461 ⁽³⁾	\$6.925 ⁽⁴⁾

*As published by Bureau of Economic Analysis on May 26, 2017 (2009 base year).

**As published by Bureau of Economic Analysis on May 30, 2018 (2009 base year).

*** Applies to Seller's Charge, Fixed O&M Price and Variable O&M Price.

**** From Schedule F-1 of the PPA

5/31/2018

I

Borger Energy Associates
P.O. Box 29
Borger, TX 79008-0029
 Phone: 806-274-3340
 Fax: 806-274-7488

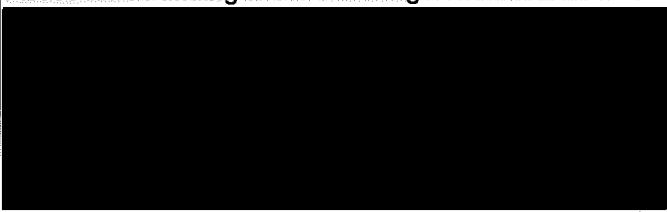
Invoice

Sold To:
 Southwestern Public Service Company
 Power Purchase & Energy Trading
 1800 Larimer Street Suite 1200
 Denver, CO 80202

Invoice #: 01007
 11/19/2018

Attention: Bill Watson

Customer PO	Payment Terms	Due Date
	Net due on 25th	11/26/2018

Description	Amount
The October 2018 charges are pursuant to the Power Purchase Agreement between Borger Energy Associates and Southwestern Public Service Company. See attached list for calculations.	
Energy Generation Payment for Oct-18	B1 2,004,134.65 (1)
Variable O&M Payment for Oct-18	B2 332,122.40 (2)
Capacity Payment for Oct-18	B3 1,553,256.73 (3)
Fixed O&M Payment for Oct-18	B4 350,351.91 (4)
Pinnacle reservation charge for Oct-18	B5 15,500.00 (5)
Less: Sellers charge Oct-18	B6 (465.180) (6)
BANKING INSTRUCTIONS WIRE	
Attention Accounts Payable Please Wire Funding to the following: 	
Total Invoice Amount	\$ B7 4,254,900.51 (7)

A

Southwestern Public Service Company

Final

2019

BORGER ENERGY ASSOCIATES - BLACKHAWK STATION
 Billing Month
 Date of Cogeneration Commercial Operation
 Contract Term
 Meter Read Date

October 2018
 June 12, 1999
 25 Years
 October 31, 2018

#1 Contracted Combustion Turbine Capacity 5/26/18

E1 224,297 Kw (9)

Pre-Commercial Operation Energy
 Generator No. 1
 Generator No. 2
 Total Generation

Total
 66,848,572 Kwh
 68,105,674 Kwh
 134,954,246 Kwh (8)

#3 Capacity Payment Rate

I4 \$6.925 /Kw-Mo

#3.1 Capacity Payment AF Adjustment Factor

See attached AF Report

E1 1.0000

#4 Weighted Average Energy Rate (per Article 5.4) (#7/ #2)

\$14.850 /MWh

Heat Rate (MMBtu/MWh)

See attached Blackhawk Daily Report

Fuel Cost (\$MMBtu)

See attached Blackhawk Daily Report

#5 Variable O&M Rate

I3 \$2.461 /MWh

#6 Fixed O&M Rate

I2 \$1.562 /Kw-Mo

#7 ENERGY PAYMENT CALCULATION

Generation Payment (#7/ #2) = #4

PAYMENT
 \$ 2,004,134.65 (1)

VARIABLE O&M PAYMENT CALCULATION

Variable O&M Payment (#2 X #5)

\$ 332,122.40 (2)

BILLING CAPACITY CALCULATION

Capacity Payment (#1 X #3 X #3.1)

\$ 1,553,256.73 (3)

FIXED O&M PAYMENT CALCULATION

FIXED O&M Payment (#1 X #6)

\$ 350,351.91 (4)

PINNACLE RESERVATION CHARGE

\$ 15,500.00 (5)

BILLING ADJUSTMENTS

Sellers Charge

\$ (465.18) (6)

Capacity Shortfall

\$ 4,254,900.51 (7)

B

Sponsor: Freitas

2019 TX Rate Case

DateFormat	HourEnding	Unit	RECORDER ID	DATE	HOUR	IN	UN	KW	KVAR	KVAR2
10/30/18	6	G1	1401449_030030	103018	600	60	KW	79402	0	1469
10/30/18	7	G1	1401449_030030	103018	700	60	KW	79315	0	432
10/30/18	8	G1	1401449_030030	103018	800	60	KW	79315	130	0
10/30/18	9	G1	1401449_030030	103018	900	60	KW	79358	1210	0
10/30/18	10	G1	1401449_030030	103018	1000	60	KW	79315	86	0
10/30/18	11	G1	1401449_030030	103018	1100	60	KW	79315	734	0
10/30/18	12	G1	1401449_030030	103018	1200	60	KW	79358	2549	0
10/30/18	13	G1	1401449_030030	103018	1300	60	KW	79402	4536	0
10/30/18	14	G1	1401449_030030	103018	1400	60	KW	79358	5443	0
10/30/18	15	G1	1401449_030030	103018	1500	60	KW	79402	8078	0
10/30/18	16	G1	1401449_030030	103018	1600	60	KW	79402	6782	0
10/30/18	17	G1	1401449_030030	103018	1700	60	KW	79402	4190	0
10/30/18	18	G1	1401449_030030	103018	1800	60	KW	79402	2376	0
10/30/18	19	G1	1401449_030030	103018	1900	60	KW	79402	0	2549
10/30/18	20	G1	1401449_030030	103018	2000	60	KW	79358	0	2765
10/30/18	21	G1	1401449_030030	103018	2100	60	KW	79358	0	3845
10/30/18	22	G1	1401449_030030	103018	2200	60	KW	79358	0	3758
10/30/18	23	G1	1401449_030030	103018	2300	60	KW	79315	0	2592
10/30/18	24	G1	1401449_030030	103018	2400	60	KW	79358	0	2592
10/31/18	1	G1	1401449_030030	103118	100	60	KW	79358	0	4061
10/31/18	2	G1	1401449_030030	103118	200	60	KW	79315	0	3802
10/31/18	3	G1	1401449_030030	103118	300	60	KW	79315	0	3413
10/31/18	4	G1	1401449_030030	103118	400	60	KW	80179	0	4320
10/31/18	5	G1	1401449_030030	103118	500	60	KW	81259	0	2635
10/31/18	6	G1	1401449_030030	103118	600	60	KW	81302	0	3542
10/31/18	7	G1	1401449_030030	103118	700	60	KW	81475	0	994
10/31/18	8	G1	1401449_030030	103118	800	60	KW	81432	0	0
10/31/18	9	G1	1401449_030030	103118	900	60	KW	81346	0	0
10/31/18	10	G1	1401449_030030	103118	1000	60	KW	81432	0	0
10/31/18	11	G1	1401449_030030	103118	1100	60	KW	81302	0	86
10/31/18	12	G1	1401449_030030	103118	1200	60	KW	84067	0	2203
10/31/18	13	G1	1401449_030030	103118	1300	60	KW	84326	0	2160
10/31/18	14	G1	1401449_030030	103118	1400	60	KW	84240	0	2030
10/31/18	15	G1	1401449_030030	103118	1500	60	KW	84283	0	2506
10/31/18	16	G1	1401449_030030	103118	1600	60	KW	84283	0	2074
10/31/18	17	G1	1401449_030030	103118	1700	60	KW	84326	0	3154
10/31/18	18	G1	1401449_030030	103118	1800	60	KW	84283	0	3672
10/31/18	19	G1	1401449_030030	103118	1900	60	KW	84283	0	3888
10/31/18	20	G1	1401449_030030	103118	2000	60	KW	84326	0	3758
10/31/18	21	G1	1401449_030030	103118	2100	60	KW	84283	0	4147
10/31/18	22	G1	1401449_030030	103118	2200	60	KW	84283	0	3974
10/31/18	23	G1	1401449_030030	103118	2300	60	KW	84283	0	4493
10/31/18	24	G1	1401449_030030	103118	2400	60	KW	84283	0	4882

Total Hours 744

BLACKHAWKG1

G1 Total KW 66,848,572

C

Sponsor: Freitas

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
10/30/18	6	G2	1401449_030059	60	KW	79488	0	6264
10/30/18	7	G2	1401449_030059	60	KW	79402	0	5789
10/30/18	8	G2	1401449_030059	60	KW	79358	0	4104
10/30/18	9	G2	1401449_030059	60	KW	79488	0	2549
10/30/18	10	G2	1401449_030059	60	KW	79402	0	3931
10/30/18	11	G2	1401449_030059	60	KW	79402	0	2808
10/30/18	12	G2	1401449_030059	60	KW	79445	0	1512
10/30/18	13	G2	1401449_030059	60	KW	79445	0	432
10/30/18	14	G2	1401449_030059	60	KW	79445	173	86
10/30/18	15	G2	1401449_030059	60	KW	79488	1685	0
10/30/18	16	G2	1401449_030059	60	KW	79488	950	0
10/30/18	17	G2	1401449_030059	60	KW	79445	0	691
10/30/18	18	G2	1401449_030059	60	KW	79488	0	2203
10/30/18	19	G2	1401449_030059	60	KW	79488	0	6912
10/30/18	20	G2	1401449_030059	60	KW	79402	0	7042
10/30/18	21	G2	1401449_030059	60	KW	79445	0	7906
10/30/18	22	G2	1401449_030059	60	KW	79445	0	7862
10/30/18	23	G2	1401449_030059	60	KW	79445	0	7085
10/30/18	24	G2	1401449_030059	60	KW	79402	0	7042
10/31/18	1	G2	1401449_030059	60	KW	79445	0	7992
10/31/18	2	G2	1401449_030059	60	KW	79445	0	7906
10/31/18	3	G2	1401449_030059	60	KW	79402	0	7733
10/31/18	4	G2	1401449_030059	60	KW	80309	0	8208
10/31/18	5	G2	1401449_030059	60	KW	81346	0	7214
10/31/18	6	G2	1401449_030059	60	KW	81389	0	7776
10/31/18	7	G2	1401449_030059	60	KW	80611	0	6610
10/31/18	8	G2	1401449_030059	60	KW	80568	0	5486
10/31/18	9	G2	1401449_030059	60	KW	80482	0	5530
10/31/18	10	G2	1401449_030059	60	KW	80482	0	6437
10/31/18	11	G2	1401449_030059	60	KW	80352	0	5918
10/31/18	12	G2	1401449_030059	60	KW	84067	0	7171
10/31/18	13	G2	1401449_030059	60	KW	84370	0	7171
10/31/18	14	G2	1401449_030059	60	KW	84370	0	7128
10/31/18	15	G2	1401449_030059	60	KW	84413	0	7301
10/31/18	16	G2	1401449_030059	60	KW	84370	0	7301
10/31/18	17	G2	1401449_030059	60	KW	84413	0	7690
10/31/18	18	G2	1401449_030059	60	KW	84326	0	8035
10/31/18	19	G2	1401449_030059	60	KW	84370	0	8165
10/31/18	20	G2	1401449_030059	60	KW	84413	0	8165
10/31/18	21	G2	1401449_030059	60	KW	84370	0	8381
10/31/18	22	G2	1401449_030059	60	KW	84370	0	8251
10/31/18	23	G2	1401449_030059	60	KW	84370	0	8683
10/31/18	24	G2	1401449_030059	60	KW	84370	0	9029

Total Hours 744 **BLACKHAWKG2** **G2 Total KW** 68,105,674

D

October 2018 Final

Blackhawk Availability Factor Rolling Average Totals

No Major Outage Last 12 Months

Month	..... 12 Month .....		..... 5 Month On Peak	
	Total EDH	Period Hours	Avail Factor	Avail Factor
Nov-2017	19.500	721	0.973	
Dec-2017	10.000	744	0.987	
Jan-2018	5.500	744	0.993	
Feb-2018	0.000	672	1.000	
Mar-2018	373.500	743	0.497	
Apr-2018	77.000	720	0.893	
May-2018	0.000	744	1.000	1.000
Jun-2018	0.000	720	1.000	1.000
Jul-2018	0.000	744	1.000	1.000
Aug-2018	0.000	744	1.000	1.000
Sep-2018	2.000	720	0.997	0.995
Oct-2018	0.000	744	1.000	
Period Rolling Average Availability Factor	487.500	8,760	0.944	2,064
Capacity Payment Factor = AF12				0.999

Note: Month is Winter

1.000
1.000

This Period Capacity Payment Factor Calc =
 This Period Capacity Payment Factor for Billing =

FF

Blackhawk Daily Report

October 2018 Final

Date	Generation KWH		% Plant Loading of Actual Capacity		Heat Rate MMBtu / MWH		Gas Cost \$/MMBtu		Energy Rate \$/MWH		Energy Payment \$		Total Payment \$	
	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2
10/01/2018	2,139,176	2,196,548	78.99	81.11	7.000	7.000	2.15	7.000	15.073	15.073	32,262.47	33,129.39	65,391.86	
10/02/2018	1,903,737	1,931,773	70.45	71.48	6.984	7.000	2.12	7.000	14.807	14.840	28,190.83	28,667.60	56,858.43	
10/03/2018	1,868,746	1,885,940	70.07	70.72	7.000	7.000	2.12	7.000	14.840	14.840	27,732.15	27,987.31	55,719.47	
10/04/2018	2,064,440	2,099,561	74.58	75.84	6.991	6.994	2.12	6.994	14.820	14.827	30,599.51	31,132.77	61,732.28	
10/05/2018	2,122,632	2,174,386	78.60	80.52	7.000	7.000	2.12	7.000	14.840	14.840	31,499.78	32,267.81	63,767.60	
10/06/2018	2,125,483	2,153,392	74.38	75.34	6.994	6.994	2.12	6.994	14.827	14.827	31,516.37	31,931.44	63,447.80	
10/07/2018	2,209,031	2,271,414	79.06	81.30	7.000	7.000	2.12	7.000	14.840	14.840	32,782.24	33,708.01	66,490.26	
10/08/2018	2,125,657	2,161,858	77.32	78.63	7.000	7.000	2.12	7.000	14.840	14.840	31,544.97	32,082.20	63,627.17	
10/09/2018	2,101,982	2,132,052	73.64	74.68	7.000	6.994	2.12	6.994	14.840	14.827	31,193.64	31,615.17	62,808.80	
10/10/2018	2,113,688	2,151,316	73.67	75.00	6.997	7.000	2.12	6.994	14.833	14.840	31,354.03	31,925.67	63,279.69	
10/11/2018	2,231,670	2,297,465	77.45	79.74	6.988	6.984	2.12	6.988	14.813	14.827	33,066.64	34,068.72	67,135.36	
10/12/2018	2,227,089	2,275,864	78.92	80.66	7.000	7.000	2.12	7.000	14.840	14.840	33,050.08	33,773.90	66,823.98	
10/13/2018	2,064,397	2,080,988	73.58	74.18	7.000	7.000	2.12	7.000	14.840	14.840	30,635.52	30,881.72	61,517.24	
10/14/2018	2,173,609	2,191,795	73.52	74.10	6.984	6.988	2.12	6.988	14.807	14.813	32,188.24	32,471.53	64,659.77	
10/15/2018	2,374,273	2,422,265	78.64	80.23	6.988	6.984	2.12	6.988	14.813	14.827	35,179.31	35,918.82	71,098.13	
10/16/2018	2,340,663	2,390,124	80.98	82.70	7.000	7.000	2.15	7.000	15.063	15.063	35,247.89	35,993.32	71,241.21	X
10/17/2018	2,270,762	2,332,409	80.24	82.43	7.000	7.000	2.14	7.000	14.951	14.951	33,956.93	34,877.30	68,834.24	
10/18/2018	2,281,823	2,356,775	79.00	81.59	7.000	7.000	2.12	7.000	14.840	14.840	33,862.50	34,974.79	68,837.29	
10/19/2018	2,310,984	2,364,120	80.94	82.80	7.000	7.000	2.12	7.000	14.840	14.840	34,295.25	35,083.80	69,379.05	
10/20/2018	2,212,358	2,248,043	76.62	77.86	6.984	6.984	2.12	6.984	14.807	14.807	32,768.41	33,297.80	66,066.20	
10/21/2018	2,066,082	2,088,590	72.64	73.41	6.994	6.997	2.12	6.997	14.827	14.833	30,634.97	30,981.90	61,616.88	
10/22/2018	2,172,094	2,213,567	76.95	78.43	6.988	6.994	2.12	6.994	14.814	14.827	32,182.96	32,823.82	65,006.78	
10/23/2018	2,307,700	2,368,789	81.43	83.59	7.000	7.000	2.12	7.000	14.840	14.840	34,246.44	35,153.01	69,399.45	
10/24/2018	2,330,596	2,407,577	80.63	83.29	7.000	7.000	2.12	7.000	14.840	14.840	34,586.15	35,728.56	70,314.71	
10/25/2018	2,299,235	2,358,461	80.68	82.75	7.000	7.000	2.12	7.000	14.840	14.840	34,120.83	34,999.74	69,120.57	
10/26/2018	2,302,733	2,354,271	81.30	83.12	7.000	7.000	2.12	7.000	14.840	14.840	34,172.83	34,937.66	69,110.49	
10/27/2018	2,242,555	2,294,393	79.31	81.14	7.000	7.003	2.12	7.003	14.840	14.847	33,279.46	34,064.53	67,343.99	
10/28/2018	1,994,546	2,014,762	71.34	72.07	6.981	6.984	2.12	6.984	14.805	14.812	29,532.82	29,845.55	59,378.37	X
10/29/2018	1,982,533	1,999,687	71.56	72.18	6.991	6.997	2.12	6.997	14.827	14.840	29,404.67	29,690.74	59,095.41	X
10/30/2018	1,905,034	1,907,066	68.28	68.35	6.984	6.984	2.12	6.984	14.809	14.809	28,211.82	28,241.92	56,453.74	
10/31/2018	1,983,264	1,980,423	68.15	68.06	6.969	6.972	2.12	6.972	14.774	14.780	29,303.52	29,274.93	58,578.45	

Total Payment 992,603.24 1,011,531.42 2,004,134.65

KWH 66,848,572 68,105,674

17

Watson, Bill A

From: Baylor, Mark D
Sent: Thursday, May 31, 2018 2:13 PM
To: Plank, Kelsey
Subject: FW: Borger Energy/SPS PPA-- 2018 Capacity Test Result

FYI. Note the change in capacity level for billing purposes beginning May 26, 2018.

Mark

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Baylor, Mark D
Sent: Thursday, May 31, 2018 2:12 PM
To: dl PPComm
Subject: Borger Energy/SPS PPA-- 2018 Capacity Test Result

The annual summer capacity test was performed at the Borger Energy Blackhawk Facility on May 25, 2018. Performance Monitoring participated in the test. The test resulted in a tested net corrected capacity level of 224.297 MW (based on SPP guidelines). This result compares to a tested summer 2017 capacity level of 224.558 MW. Capacity billing under the PPA is based on the most recent tested capacity level. As specified by the PPA, the new capacity level becomes effective May 26, 2018 for billing purposes. The 0.26 MW decrease in the tested capacity level will **reduce** total capacity payments under the PPA during the next 12 months by approximately \$26,000.

Please contact me if you have any questions.

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

K #10566

FOURTH AMENDMENT TO
NATURAL GAS PIPELINE CONSTRUCTION AND TRANSPORTATION AGREEMENT

This Fourth Amendment To Natural Gas Pipeline Construction And Transportation Agreement ("Fourth Amendment") is entered into this 17 day of December 2008, by and between Southwestern Public Service Company ("SPS"), Borger Energy Associates, L.P. ("Borger") and MarkWest Blackhawk, L.L.C. ("MarkWest") (SPS, Borger and MarkWest are collectively referred to herein as the "Parties").

WHEREAS, SPS, Borger and MarkWest, by assignment from Pinnacle Pipeline Company, previously entered into a Natural Gas Pipeline Construction And Transportation Agreement dated May 1, 1998, as amended May 31, 2006, December 28, 2006, and December 6, 2007 (the "Agreement"), which, among other things, provided for certain construction, operation and maintenance services with respect to the Blackhawk Pipeline (the "Pipeline") under the terms and conditions set forth therein;

WHEREAS, the Pipeline was constructed to serve certain gas supply needs for Borger's Blackhawk Station;

WHEREAS, in accordance with the terms of the Agreement, the Pipeline and related facilities, equipment, property interests, contracts and other rights, liabilities and obligations have been assigned to and assumed by SPS; and

WHEREAS, the Parties desire to further amend the Agreement as set forth below.

NOW, THEREFORE, in consideration of the premises and mutual covenants and agreements contained herein, and for other good and valuable consideration the sufficiency of which is agreed to by the Parties, the Parties agree as follows:

I. Paragraph 1. Term Extension, Section 17.15, Term shall be deleted in its entirety and replaced with the following:

"1. Term Extension. Section 17.15, Term of the Agreement shall be extended to continue through and including December 31, 2009 ("Primary Term"), whereupon this Agreement shall be automatically renewed for successive renewal terms of one (1) year each, a ("Renewal Term"), unless terminated by either Party giving written notice of termination to the other Party at least thirty (30) days prior to expiration of the Primary Term or any successive Renewal Term."

II. Paragraph 3. Compensation shall be deleted in its entirety and replaced with the following:

3. Compensation. In consideration of the services provided, Borger agrees to pay and remit to MarkWest \$15,500.00 per month for each month of the extended Term that this Fourth Amendment remains in effect; payable upon its receipt of invoice(s) from

BORGER/SPS PPA--2018 Annual Price Adjustments
(Effective June 12)

Year	Quarter	GDIPIPD Value	Annual % Change***	Seller's Charge \$/Month	Fixed O&M Price \$/kW-Month	Variable O&M Price \$/MWh	Capacity Payment Rate \$/kW-Month****
2017	1st-Jan-Mar	112.846*	2.171	457.15	1.535	2.419	\$6.789
2018	1st-Jan-Mar	114.828**	1.756	465.18 ^①	1.562 ^②	2.461 ^③	\$6.925 ^④

*As published by Bureau of Economic Analysis on May 26, 2017 (2009 base year).
**As published by Bureau of Economic Analysis on May 30, 2018 (2009 base year).
*** Applies to Seller's Charge, Fixed O&M Price and Variable O&M Price.
**** From Schedule F-1 of the PPA

5/31/2018

I

Borger Energy Associates

P.O. Box 29

Borger, TX 79008-0029

Phone: 806-274-3340

Fax: 806-274-7488

Invoice

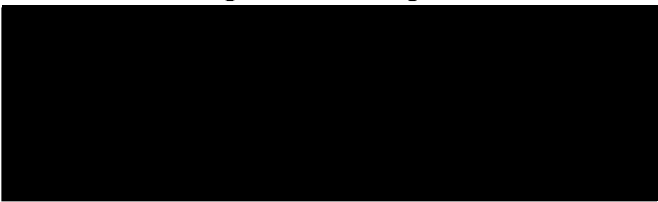
Sold To:

Southwestern Public Service Company
 Power Purchase & Energy Trading
 1800 Larimer Street Suite 1200
 Denver, CO 80202

Invoice #: 01010
 12/18/2018

Attention: Bill Watson

Customer PO	Payment Terms	Due Date
	Net due on 25th	12/26/2018

Description	Amount
The November 2018 charges are pursuant to the Power Purchase Agreement between Borger Energy Associates and Southwestern Public Service Company. See attached list for calculations.	
Energy Generation Payment for Nov-18	B1 2,596,802.93
Variable O&M Payment for Nov-18	B2 308,147.80
Capacity Payment for Nov-18	B3 1,553,256.73
Fixed O&M Payment for Nov-18	B4 350,351.91
Pinnacle reservation charge for Nov-18	B5 15,500.00
Less: Sellers charge Nov-18	B6 (465.180)
BANKING INSTRUCTIONS WIRE	
Attention Accounts Payable Please Wire Funding to the following:	
	
Total Invoice Amount \$	
B7 4,823,594.19	

Southwestern Public Service Company

Final

2019

BORGER ENERGY ASSOCIATES - BLACKHAWK STATION

Billing Month
 Date of Cogeneration Commercial Operation
 Contract Term
 Meter Read Date

November 2018
 June 12, 1999
 25 Years
 November 30, 2018

#1 Contracted Combustion Turbine Capacity 5/26/18

G1 224,297 Kw (8)

Pre-Commercial Operation Energy
 Generator No. 1
 Generator No. 2

#2 Total Generation

	Total
G1	64,105,253 Kwh
G2	61,107,181 Kwh
	125,212,434 Kwh (9)

#3 Capacity Payment Rate

I4 ✓ \$6.925 /Kw-Mo

#3.1 Capacity Payment AF Adjustment Factor

See attached AF Report

E1 1.0000 ✓

#4 Weighted Average Energy Rate (per Article 5.4) (#7/#2)

\$20.739 /MWh

Heat Rate (MMBtu/MWh) See attached Blackhawk Daily Report
 Fuel Cost (\$MMBtu) See attached Blackhawk Daily Report

#5 Variable O&M Rate

I3 ✓ \$2.461 /MWh

#6 Fixed O&M Rate

I2 ✓ \$1.562 /Kw-Mo

#7 ENERGY PAYMENT CALCULATION

Generation Payment (#7/#2) = #4

PAYMENT

\$	F1	2,596,802.93 (1)
----	----	------------------

VARIABLE O&M PAYMENT CALCULATION

Variable O&M Payment (#2 X #5)

\$		308,147.80 (2)
----	--	----------------

BILLING CAPACITY CALCULATION

Capacity Payment (#1 X #3 X #3.1)

\$		1,553,256.73 (3)
----	--	------------------

FIXED O&M PAYMENT CALCULATION

FIXED O&M Payment (#1 X #6)

\$		350,351.91 (4)
----	--	----------------

PINNACLE RESERVATION CHARGE

\$	H1	15,500.00 (5)
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BILLING ADJUSTMENTS

Sellers Charge

\$	I1	(465.18) (6)
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Capacity Shortfall

\$		4,823,594.19 (7)
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Sponsor: Freitas
2019 TX Rate Case

DateFormat	HourEnding	Unit	RECORDER ID	DATE	HOUR	IN	UN	KW	KVAR	KVAR2
11/30/18	5	G1	1401449_030030	113018	500	60	KW	81043	0	5011
11/30/18	6	G1	1401449_030030	113018	600	60	KW	81130	0	5616
11/30/18	7	G1	1401449_030030	113018	700	60	KW	83592	0	4925
11/30/18	8	G1	1401449_030030	113018	800	60	KW	101218	0	5530
11/30/18	9	G1	1401449_030030	113018	900	60	KW	100008	0	5011
11/30/18	10	G1	1401449_030030	113018	1000	60	KW	99619	0	3974
11/30/18	11	G1	1401449_030030	113018	1100	60	KW	99274	0	3326
11/30/18	12	G1	1401449_030030	113018	1200	60	KW	97459	0	3845
11/30/18	13	G1	1401449_030030	113018	1300	60	KW	95774	0	4666
11/30/18	14	G1	1401449_030030	113018	1400	60	KW	95126	0	5573
11/30/18	15	G1	1401449_030030	113018	1500	60	KW	87264	0	5789
11/30/18	16	G1	1401449_030030	113018	1600	60	KW	78235	0	4795
11/30/18	17	G1	1401449_030030	113018	1700	60	KW	78322	0	5184
11/30/18	18	G1	1401449_030030	113018	1800	60	KW	83203	0	6091
11/30/18	19	G1	1401449_030030	113018	1900	60	KW	81259	0	5702
11/30/18	20	G1	1401449_030030	113018	2000	60	KW	81259	0	5227
11/30/18	21	G1	1401449_030030	113018	2100	60	KW	81216	0	5011
11/30/18	22	G1	1401449_030030	113018	2200	60	KW	81259	0	5573
11/30/18	23	G1	1401449_030030	113018	2300	60	KW	81173	0	5184
11/30/18	24	G1	1401449_030030	113018	2400	60	KW	81216	0	5400

Total Hours 721

BLACKHAWKG1

G1 Total KW 64,105,253



Sponsor: Freitas

2019 PX Rate Case

DateFormat	HourEnding	Unit	RECORDER ID	IN	UN	KW	KVAR	KVAR2
11/30/18	5	G2	1401449_030059	60	KW	83549	0	1210
11/30/18	6	G2	1401449_030059	60	KW	83635	0	1901
11/30/18	7	G2	1401449_030059	60	KW	86098	0	1166
11/30/18	8	G2	1401449_030059	60	KW	102816	0	1598
11/30/18	9	G2	1401449_030059	60	KW	103594	0	1080
11/30/18	10	G2	1401449_030059	60	KW	103162	0	475
11/30/18	11	G2	1401449_030059	60	KW	102298	0	0
11/30/18	12	G2	1401449_030059	60	KW	100440	0	432
11/30/18	13	G2	1401449_030059	60	KW	99187	0	778
11/30/18	14	G2	1401449_030059	60	KW	97805	0	1123
11/30/18	15	G2	1401449_030059	60	KW	88733	0	1210
11/30/18	16	G2	1401449_030059	60	KW	78667	0	605
11/30/18	17	G2	1401449_030059	60	KW	78624	0	994
11/30/18	18	G2	1401449_030059	60	KW	82901	0	1555
11/30/18	19	G2	1401449_030059	60	KW	81648	0	1296
11/30/18	20	G2	1401449_030059	60	KW	81605	0	950
11/30/18	21	G2	1401449_030059	60	KW	81605	0	821
11/30/18	22	G2	1401449_030059	60	KW	81562	0	1339
11/30/18	23	G2	1401449_030059	60	KW	81562	0	994
11/30/18	24	G2	1401449_030059	60	KW	81605	0	1253

Total Hours 721

BLACKHAWKG2

G2 Total KW 61,107,181

0

November 2018 Final

Blackhawk Availability Factor Rolling Average Totals

No Major Outage Last 12 Months

Month	..... 12 Month .....		..... 5 Month On Peak	
	Total EDH	Period Hours	Avail Factor	Avail Factor
Dec-2017	10.000	744	0.987	
Jan-2018	5.500	744	0.993	
Feb-2018	0.000	672	1.000	
Mar-2018	373.500	743	0.497	
Apr-2018	77.000	720	0.893	
May-2018	0.000	744	1.000	1.000
Jun-2018	0.000	720	1.000	1.000
Jul-2018	0.000	744	1.000	1.000
Aug-2018	0.000	744	1.000	1.000
Sep-2018	2.000	720	0.997	384
Oct-2018	0.000	744	1.000	
Nov-2018	35.000	721	0.951	

Period Rolling Average Availability Factor = 503.000 / 8,760 = 0.943

Capacity Payment Factor = AF12

Note: Month is Winter

1.000
1.000

This Period Capacity Payment Factor Calc =
 This Period Capacity Payment Factor for Billing =

Blackhawk Daily Report

November 2018 Final

Date	Generation KWH		% Plant Loading of Actual Capacity		Heat Rate MMBtu / MWH		Gas Cost \$/MMBtu		Energy Rate \$/MWH		Energy Payment \$		Total Payment \$	
	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	Unit 1	Unit 2	P
11/01/2018	2,235,037	2,271,068	76.50	77.73	7.000	7.000	2.59	7.000	18.153	18.153	40,755.05	41,438.60	82,193.65	
11/02/2018	2,067,511	2,093,041	71.62	72.51	6.991	6.991	2.78	6.991	19.434	19.434	40,183.25	40,680.01	80,863.26	
11/03/2018	1,983,831	1,986,767	69.40	69.50	6.997	6.997	2.78	7.000	19.452	19.461	38,590.06	38,664.13	77,254.19	X
11/04/2018	2,185,879	2,182,076	73.05	72.92	7.000	7.000	2.78	7.000	19.461	19.461	42,538.36	42,464.35	85,002.71	
11/05/2018	2,150,280	2,070,536	76.93	74.01	7.000	7.000	2.78	7.000	19.460	19.460	41,844.26	40,292.45	82,136.71	
11/06/2018	2,225,618	2,277,375	78.05	79.86	7.000	6.997	2.78	6.997	19.460	19.451	43,310.48	44,300.89	87,611.36	
11/07/2018	2,306,795	2,367,663	79.61	81.72	7.000	7.000	2.81	7.000	19.649	19.649	45,332.38	46,530.18	91,862.56	X
11/08/2018	2,441,964	2,505,170	81.55	83.66	7.000	7.000	2.79	7.000	19.554	19.554	47,750.49	48,985.64	96,736.14	
11/09/2018	2,430,692	2,506,120	81.36	83.88	7.000	7.000	2.78	7.006	19.460	19.477	47,301.00	48,813.35	96,114.35	
11/10/2018	2,176,801	2,212,531	73.91	75.09	7.000	7.016	2.78	7.016	19.464	19.507	42,368.01	43,176.73	85,544.74	X
11/11/2018	2,066,167	2,063,792	68.73	68.65	6.984	6.988	2.78	6.988	19.418	19.427	40,124.35	40,095.14	80,219.49	
11/12/2018	2,250,981	2,267,567	72.08	72.60	7.000	7.009	2.84	7.009	19.908	19.935	44,844.26	45,259.90	90,104.16	X
11/13/2018	2,591,050	2,640,342	83.14	84.72	7.000	7.038	2.87	7.038	20.123	20.231	52,140.43	53,423.38	105,563.81	X
11/14/2018	756,995	2,378,505	24.89	78.31	6.838	6.984	2.85	6.984	19.505	19.924	15,005.00	47,425.22	62,430.21	X
11/15/2018	1,953,072	739,150	68.31	25.18	6.969	6.844	3.18	6.844	22.138	21.727	43,235.51	15,598.82	58,834.33	X
11/16/2018	1,932,984	1,969,054	67.34	68.57	6.969	6.988	3.64	6.988	25.376	25.440	49,012.28	50,015.42	99,027.70	X
11/17/2018	2,109,327	2,119,303	69.66	69.99	6.966	6.994	3.92	6.994	27.280	27.390	57,608.13	58,104.15	115,712.28	X
11/18/2018	2,486,375	2,498,300	80.61	81.00	7.000	7.000	3.98	7.000	27.878	27.878	69,316.12	69,648.61	138,964.73	X
11/19/2018	2,445,895	2,464,259	81.10	81.71	7.019	7.019	3.73	7.019	26.174	26.175	63,971.90	64,459.16	128,431.06	X
11/20/2018	2,409,218	2,435,917	80.38	81.30	6.978	7.025	3.05	7.025	21.444	21.461	52,136.68	52,724.57	104,861.25	X
11/21/2018	2,215,598	1,828,701	75.98	62.69	6.978	6.969	2.78	6.969	19.399	19.373	42,994.11	35,614.66	78,608.77	
11/22/2018	2,247,956	0	77.69	0.00	7.000	6.775	2.97	6.775	20.775	20.108	46,695.11	0.00	46,695.11	X
11/23/2018	2,194,559	824,687	78.49	29.54	7.000	6.872	3.00	6.872	20.987	20.600	46,050.06	17,224.33	63,274.39	X
11/24/2018	2,213,006	2,247,868	77.42	78.63	7.000	7.022	2.86	7.022	20.013	20.076	44,390.88	45,248.81	89,639.70	X
11/25/2018	1,983,961	1,993,204	67.02	67.34	6.969	6.972	2.79	6.972	19.436	19.445	38,560.18	38,757.13	77,317.30	X
11/26/2018	2,030,921	2,046,079	67.83	68.33	6.953	6.963	2.78	6.963	19.332	19.358	39,281.94	39,633.12	78,915.07	
11/27/2018	1,901,319	1,912,293	64.74	65.11	6.931	6.931	2.78	6.931	19.269	19.269	36,636.33	36,847.76	73,484.09	
11/28/2018	1,954,585	1,971,952	69.16	69.79	6.972	6.978	2.78	6.978	19.382	19.399	37,883.19	38,254.54	76,137.73	
11/29/2018	2,070,145	2,103,968	73.20	74.39	6.994	7.006	2.78	7.006	19.442	19.477	40,252.95	40,995.87	81,248.82	
11/30/2018	2,086,731	2,129,893	73.17	74.67	6.984	7.006	2.78	7.006	19.417	19.477	40,523.26	41,489.98	82,013.24	

KWH 64,105,253 61,107,181

Total Payment 1,330,636.02 1,266,166.91

Total Payment 2,596,802.93

Watson, Bill A

From: Baylor, Mark D
Sent: Thursday, May 31, 2018 2:13 PM
To: Plank, Kelsey
Subject: FW: Borger Energy/SPS PPA-- 2018 Capacity Test Result

FYI. Note the change in capacity level for billing purposes beginning May 26, 2018.

Mark

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Baylor, Mark D
Sent: Thursday, May 31, 2018 2:12 PM
To: dl PPComm
Subject: Borger Energy/SPS PPA-- 2018 Capacity Test Result

The annual summer capacity test was performed at the Borger Energy Blackhawk Facility on May 25, 2018. Performance Monitoring participated in the test. The test resulted in a tested net corrected capacity level of 224,297 MW (based on SPP guidelines). This result compares to a tested summer 2017 capacity level of 224,558 MW. Capacity billing under the PPA is based on the most recent tested capacity level. As specified by the PPA, the new capacity level becomes effective May 26, 2018 for billing purposes. The 0.26 MW decrease in the tested capacity level will **reduce** total capacity payments under the PPA during the next 12 months by approximately \$26,000.

Please contact me if you have any questions.

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

K # 10566

FOURTH AMENDMENT TO
NATURAL GAS PIPELINE CONSTRUCTION AND TRANSPORTATION AGREEMENT

This Fourth Amendment To Natural Gas Pipeline Construction And Transportation Agreement ("Fourth Amendment") is entered into this 17 day of December 2008, by and between Southwestern Public Service Company ("SPS"), Borger Energy Associates, L.P. ("Borger") and MarkWest Blackhawk, L.L.C. ("MarkWest") (SPS, Borger and MarkWest are collectively referred to herein as the "Parties").

WHEREAS, SPS, Borger and MarkWest, by assignment from Pinnacle Pipeline Company, previously entered into a Natural Gas Pipeline Construction And Transportation Agreement dated May 1, 1998, as amended May 31, 2006, December 28, 2006, and December 6, 2007 (the "Agreement"), which, among other things, provided for certain construction, operation and maintenance services with respect to the Blackhawk Pipeline (the "Pipeline") under the terms and conditions set forth therein;

WHEREAS, the Pipeline was constructed to serve certain gas supply needs for Borger's Blackhawk Station;

WHEREAS, in accordance with the terms of the Agreement, the Pipeline and related facilities, equipment, property interests, contracts and other rights, liabilities and obligations have been assigned to and assumed by SPS; and

WHEREAS, the Parties desire to further amend the Agreement as set forth below.

NOW, THEREFORE, in consideration of the premises and mutual covenants and agreements contained herein, and for other good and valuable consideration the sufficiency of which is agreed to by the Parties, the Parties agree as follows:

I. Paragraph 1: Term Extension, Section 17.15, Term shall be deleted in its entirety and replaced with the following:

"1. Term Extension. Section 17.15, Term of the Agreement shall be extended to continue through and including December 31, 2009 ("Primary Term"), whereupon this Agreement shall be automatically renewed for successive renewal terms of one (1) year each, a ("Renewal Term"), unless terminated by either Party giving written notice of termination to the other Party at least thirty (30) days prior to expiration of the Primary Term or any successive Renewal Term."

II. Paragraph 3. Compensation shall be deleted in its entirety and replaced with the following:

3. Compensation. In consideration of the services provided, Borger agrees to pay and remit to MarkWest \$15,500.00 per month for each month of the extended Term that this Fourth Amendment remains in effect; payable upon its receipt of invoice(s) from

BORGER/SPS PPA--2018 Annual Price Adjustments
(Effective June 12)

Year	Quarter	GDIPIPD Value	Annual % Change***	Seller's Charge \$/Month	Fixed O&M Price \$/kW-Month	Variable O&M Price \$/MWh	Capacity Payment Rate \$/kW-Month****
2017	1st-Jan-Mar	112.846*	2.171	457.15	1.535	2.419	\$6.789
2018	1st-Jan-Mar	114.828**	1.756	465.18 (1)	1.562 (2)	2.461 (3)	\$6.925 (4)

*As published by Bureau of Economic Analysis on May 26, 2017 (2009 base year).

**As published by Bureau of Economic Analysis on May 30, 2018 (2009 base year).

*** Applies to Seller's Charge, Fixed O&M Price and Variable O&M Price.

**** From Schedule F-1 of the PPA

5/31/2018

I



Southwestern Public Service Company

Remittance Statement

Caprock Wind LLC
6688 N CENTRAL EXPY STE 500
Dallas, TX 75206
214.515.1158

Remit To

Bank Name : Union Bank of California
Wire ABA : 122 000 496
ACH ABA : 122 000 496 ✓
Account No : 7000-1659-18 ✓

Remittance No : 48118 ✓
Remittance Date : 01/08/2018 ✓
Due Date : 01/22/2018 ✓

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2017-12 ✓	24,613 ✓	MWh	\$31.73937	\$781,201.11 ✓
Total					\$781,201.11

Caprock Wind LLC

6688 N. Central Expressway, Suite 500
Dallas, TX 75206
Phone: 214.515.1100 Fax: 214.515.1158

INVOICE

DATE: January 2, 2018
INVOICE #: CPW-201712



Bill To:
Attn: Kaitlin Dennehy
Southwestern Public Service Company
1800 Larimer Street, Suite 1200
Denver, CO 80202
Ph: 303-571-6777
Fax: 303-571-6302

DESCRIPTION				AMOUNT																
<table border="1"> <thead> <tr> <th colspan="4">Energy Production Detail</th> </tr> <tr> <th colspan="2">For the Period</th> <th>Energy Delivered</th> <th>Contracted Rate</th> </tr> <tr> <th>From</th> <th>To</th> <th>MWh</th> <th>\$ per MWh</th> </tr> </thead> <tbody> <tr> <td>1-Dec-17</td> <td>31-Dec-17</td> <td>24,613</td> <td>\$31.74</td> </tr> </tbody> </table>				Energy Production Detail				For the Period		Energy Delivered	Contracted Rate	From	To	MWh	\$ per MWh	1-Dec-17	31-Dec-17	24,613	\$31.74	781,201.11
Energy Production Detail																				
For the Period		Energy Delivered	Contracted Rate																	
From	To	MWh	\$ per MWh																	
1-Dec-17	31-Dec-17	24,613	\$31.74																	
<p>This invoice submitted per the terms and conditions of the Amended and Restated Renewable Energy Purchase Agreement between Southwestern Public Service Company and Caprock Wind, Limited Partnership dated July 8, 2004, and assigned to Caprock Wind LLC pursuant to the Assignment and Conveyance dated August 25, 2004.</p>																				
TOTAL				\$ 781,201.11																

Make all payments via wire to:
Caprock Wind LLC
Union Bank of California ✓
350 California Street
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact Leena Cherian at (214) 515-1195 or leena.cherian@leewardenergy.com.

THANK YOU FOR YOUR BUSINESS!

Caprock Wind LLC

6688 N. Central Expressway, Suite 500
 Dallas, TX 75206
 Phone: 214.515.1100 Fax: 214.515.1158

INVOICE

DATE: February 5, 2018
INVOICE #: CPW-201801



Bill To:
 Attn: Bill Watson
Southwestern Public Service Company
 1800 Larimer Street, Suite 1200
 Denver, CO 80202
 Ph: 303-571-6777
 Fax: 303-571-6302

DESCRIPTION				AMOUNT																
<table border="1"> <thead> <tr> <th colspan="4">Energy Production Detail</th> </tr> <tr> <th colspan="2">For the Period</th> <th>Energy Delivered</th> <th>Contracted Rate</th> </tr> <tr> <th>From</th> <th>To</th> <th>MWh</th> <th>\$ per MWh</th> </tr> </thead> <tbody> <tr> <td>1-Jan-18</td> <td>31-Jan-18</td> <td>30,415</td> <td>\$32.53</td> </tr> </tbody> </table>				Energy Production Detail				For the Period		Energy Delivered	Contracted Rate	From	To	MWh	\$ per MWh	1-Jan-18	31-Jan-18	30,415	\$32.53	989,497.74
Energy Production Detail																				
For the Period		Energy Delivered	Contracted Rate																	
From	To	MWh	\$ per MWh																	
1-Jan-18	31-Jan-18	30,415	\$32.53																	
<p>This invoice submitted per the terms and conditions of the Amended and Restated Renewable Energy Purchase Agreement between Southwestern Public Service Company and Caprock Wind, Limited Partnership dated July 8, 2004, and assigned to Caprock Wind LLC pursuant to the Assignment and Conveyance dated August 25, 2004.</p>																				
TOTAL				\$ 989,497.74																

Make all payments via wire to:

Caprock Wind LLC
Union Bank of California
350 California Street
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact Leena Cherian at (214) 515-1195 or leena.cherian@leewardenergy.com.

THANK YOU FOR YOUR BUSINESS!

Caprock Wind LLC

6688 N. Central Expressway, Suite 500
 Dallas, TX 75206
 Phone: 214.515.1100 Fax: 214.515.1158

INVOICE

DATE: March 1, 2018
INVOICE #: CPW-201802



Bill To:
 Attn: Bill Watson
Southwestern Public Service Company
 1800 Larimer Street, Suite 1200
 Denver, CO 80202
 Ph: 303-571-6777
 Fax: 303-571-6302

DESCRIPTION				AMOUNT																
<table border="1"> <thead> <tr> <th colspan="4">Energy Production Detail</th> </tr> <tr> <th colspan="2">For the Period</th> <th>Energy Delivered</th> <th>Contracted Rate</th> </tr> <tr> <th>From</th> <th>To</th> <th>MWh</th> <th>\$ per MWh</th> </tr> </thead> <tbody> <tr> <td>1-Feb-18</td> <td>28-Feb-18</td> <td>30,512</td> <td>\$32.53</td> </tr> </tbody> </table>				Energy Production Detail				For the Period		Energy Delivered	Contracted Rate	From	To	MWh	\$ per MWh	1-Feb-18	28-Feb-18	30,512	\$32.53	992,658.17
Energy Production Detail																				
For the Period		Energy Delivered	Contracted Rate																	
From	To	MWh	\$ per MWh																	
1-Feb-18	28-Feb-18	30,512	\$32.53																	
<p>This invoice submitted per the terms and conditions of the Amended and Restated Renewable Energy Purchase Agreement between Southwestern Public Service Company and Caprock Wind, Limited Partnership dated July 8, 2004, and assigned to Caprock Wind LLC pursuant to the Assignment and Conveyance dated August 25, 2004.</p>																				
TOTAL				\$ 992,658.17																

Make all payments via wire to:

Caprock Wind LLC
Union Bank of California
350 California Street
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact Leena Cherian at (214) 515-1195 or leena.cherian@leewardenergy.com.

THANK YOU FOR YOUR BUSINESS!

Caprock Wind LLC

6688 N. Central Expressway, Suite 500
 Dallas, TX 75206
 Phone: 214.515.1100 Fax: 214.515.1158

INVOICE

DATE: April 3, 2018
INVOICE #: CPW-201803



Bill To:
 Attn: Bill Watson
Southwestern Public Service Company
 1800 Larimer Street, Suite 1200
 Denver, CO 80202
 Ph: 303-571-6777
 Fax: 303-571-6302

DESCRIPTION				AMOUNT																
<table border="1"> <thead> <tr> <th colspan="4">Energy Production Detail</th> </tr> <tr> <th colspan="2">For the Period</th> <th>Energy Delivered</th> <th>Contracted Rate</th> </tr> <tr> <th>From</th> <th>To</th> <th>MWh</th> <th>\$ per MWh</th> </tr> </thead> <tbody> <tr> <td>1-Mar-18</td> <td>31-Mar-18</td> <td>30,840.593</td> <td>\$32.53</td> </tr> </tbody> </table>				Energy Production Detail				For the Period		Energy Delivered	Contracted Rate	From	To	MWh	\$ per MWh	1-Mar-18	31-Mar-18	30,840.593	\$32.53	1,003,332.73
Energy Production Detail																				
For the Period		Energy Delivered	Contracted Rate																	
From	To	MWh	\$ per MWh																	
1-Mar-18	31-Mar-18	30,840.593	\$32.53																	
<p>This invoice submitted per the terms and conditions of the Amended and Restated Renewable Energy Purchase Agreement between Southwestern Public Service Company and Caprock Wind, Limited Partnership dated July 8, 2004, and assigned to Caprock Wind LLC pursuant to the Assignment and Conveyance dated August 25, 2004.</p>																				
TOTAL				\$ 1,003,332.73																

Make all payments via wire to:

Caprock Wind LLC
Union Bank of California
350 California Street
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact Leena Cherian at (214) 515-1195 or leena.cherian@leewardenergy.com.

THANK YOU FOR YOUR BUSINESS!

Caprock Wind LLC

6688 N. Central Expressway, Suite 500
 Dallas, TX 75206
 Phone: 214.515.1100 Fax: 214.515.1158

INVOICE

DATE: May 2, 2018
INVOICE #: CPW-201804



Bill To:

Attn: Bill Watson
Southwestern Public Service Company
 1800 Larimer Street, Suite 1200
 Denver, CO 80202
 Ph: 303-571-6777
 Fax: 303-571-6302

DESCRIPTION				AMOUNT																
<table border="1"> <thead> <tr> <th colspan="4">Energy Production Detail</th> </tr> <tr> <th colspan="2">For the Period</th> <th>Energy Delivered</th> <th>Contracted Rate</th> </tr> <tr> <th>From</th> <th>To</th> <th>MWh</th> <th>\$ per MWh</th> </tr> </thead> <tbody> <tr> <td>1-Apr-18</td> <td>30-Apr-18</td> <td>32,870.651</td> <td>\$32.53</td> </tr> </tbody> </table>				Energy Production Detail				For the Period		Energy Delivered	Contracted Rate	From	To	MWh	\$ per MWh	1-Apr-18	30-Apr-18	32,870.651	\$32.53	1,069,376.32
Energy Production Detail																				
For the Period		Energy Delivered	Contracted Rate																	
From	To	MWh	\$ per MWh																	
1-Apr-18	30-Apr-18	32,870.651	\$32.53																	
<p>This invoice submitted per the terms and conditions of the Amended and Restated Renewable Energy Purchase Agreement between Southwestern Public Service Company and Caprock Wind, Limited Partnership dated July 8, 2004, and assigned to Caprock Wind LLC pursuant to the Assignment and Conveyance dated August 25, 2004.</p>																				
TOTAL				\$ 1,069,376.32																

Make all payments via wire to:

Caprock Wind LLC
Union Bank of California
350 California Street
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact Leena Cherian at (214) 515-1195 or leena.cherian@leewardenergy.com.

THANK YOU FOR YOUR BUSINESS!

Caprock Wind LLC

6688 N. Central Expressway, Suite 500
 Dallas, TX 75206
 Phone: 214.515.1100 Fax: 214.515.1158

INVOICE

DATE: July 2, 2018
INVOICE #: CPW-201806



Bill To:
 Attn: Bill Watson
Southwestern Public Service Company
 1800 Larimer Street, Suite 1200
 Denver, CO 80202
 Ph: 303-571-6777
 Fax: 303-571-6302

DESCRIPTION				AMOUNT																
<table border="1"> <thead> <tr> <th colspan="4">Energy Production Detail</th> </tr> <tr> <th colspan="2">For the Period</th> <th>Energy Delivered</th> <th>Contracted Rate</th> </tr> <tr> <th>From</th> <th>To</th> <th>MWh</th> <th>\$ per MWh</th> </tr> </thead> <tbody> <tr> <td>1-Jun-18</td> <td>30-Jun-18</td> <td>31,726.224</td> <td>\$32.53</td> </tr> </tbody> </table>				Energy Production Detail				For the Period		Energy Delivered	Contracted Rate	From	To	MWh	\$ per MWh	1-Jun-18	30-Jun-18	31,726.224	\$32.53	1,032,144.84
Energy Production Detail																				
For the Period		Energy Delivered	Contracted Rate																	
From	To	MWh	\$ per MWh																	
1-Jun-18	30-Jun-18	31,726.224	\$32.53																	
<p>This invoice submitted per the terms and conditions of the Amended and Restated Renewable Energy Purchase Agreement between Southwestern Public Service Company and Caprock Wind, Limited Partnership dated July 8, 2004, and assigned to Caprock Wind LLC pursuant to the Assignment and Conveyance dated August 25, 2004.</p>																				
TOTAL				\$ 1,032,144.84																

Make all payments via wire to:

Caprock Wind LLC
Union Bank of California
350 California Street
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact Leena Cherian at (214) 515-1195 or leena.cherian@leewardenergy.com.

THANK YOU FOR YOUR BUSINESS!

Caprock Wind LLC

6688 N. Central Expressway, Suite 500
 Dallas, TX 75206
 Phone: 214.515.1100 Fax: 214.515.1158

INVOICE

DATE: August 2, 2017
INVOICE #: CPW-201807



Bill To:

Attn: Bill Watson
Southwestern Public Service Company
 1800 Larimer Street, Suite 1200
 Denver, CO 80202
 Ph: 303-571-6777
 Fax: 303-571-6302

DESCRIPTION				AMOUNT																
<table border="1"> <thead> <tr> <th colspan="4">Energy Production Detail</th> </tr> <tr> <th colspan="2">For the Period</th> <th>Energy Delivered</th> <th>Contracted Rate</th> </tr> <tr> <th>From</th> <th>To</th> <th>MWh</th> <th>\$ per MWh</th> </tr> </thead> <tbody> <tr> <td>1-Jul-18</td> <td>31-Jul-18</td> <td>20,698.575</td> <td>\$32.53</td> </tr> </tbody> </table>				Energy Production Detail				For the Period		Energy Delivered	Contracted Rate	From	To	MWh	\$ per MWh	1-Jul-18	31-Jul-18	20,698.575	\$32.53	673,383.85
Energy Production Detail																				
For the Period		Energy Delivered	Contracted Rate																	
From	To	MWh	\$ per MWh																	
1-Jul-18	31-Jul-18	20,698.575	\$32.53																	
<p>This invoice submitted per the terms and conditions of the Amended and Restated Renewable Energy Purchase Agreement between Southwestern Public Service Company and Caprock Wind, Limited Partnership dated July 8, 2004, and assigned to Caprock Wind LLC pursuant to the Assignment and Conveyance dated August 25, 2004.</p>																				
TOTAL				\$ 673,383.85																

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350 California Street
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact Leena Cherian at (214) 515-1195 or leena.cherian@leewardenergy.com.

THANK YOU FOR YOUR BUSINESS!

Caprock Wind LLC

6688 N. Central Expressway, Suite 500
 Dallas, TX 75206
 Phone: 214.515.1100 Fax: 214.515.1158

INVOICE

DATE: September 5, 2018
INVOICE #: CPW-201808



Bill To:
 Attn: Bill Watson
Southwestern Public Service Company
 1800 Larimer Street, Suite 1200
 Denver, CO 80202
 Ph: 303-571-6777
 Fax: 303-571-6302

DESCRIPTION				AMOUNT																
<table border="1"> <thead> <tr> <th colspan="4">Energy Production Detail</th> </tr> <tr> <th colspan="2">For the Period</th> <th>Energy Delivered</th> <th>Contracted Rate</th> </tr> <tr> <th>From</th> <th>To</th> <th>MWh</th> <th>\$ per MWh</th> </tr> </thead> <tbody> <tr> <td>1-Aug-18</td> <td>31-Aug-18</td> <td>25,353.887</td> <td>\$32.53</td> </tr> </tbody> </table>				Energy Production Detail				For the Period		Energy Delivered	Contracted Rate	From	To	MWh	\$ per MWh	1-Aug-18	31-Aug-18	25,353.887	\$32.53	824,834.51
Energy Production Detail																				
For the Period		Energy Delivered	Contracted Rate																	
From	To	MWh	\$ per MWh																	
1-Aug-18	31-Aug-18	25,353.887	\$32.53																	
<p>This invoice submitted per the terms and conditions of the Amended and Restated Renewable Energy Purchase Agreement between Southwestern Public Service Company and Caprock Wind, Limited Partnership dated July 8, 2004, and assigned to Caprock Wind LLC pursuant to the Assignment and Conveyance dated August 25, 2004.</p>																				
TOTAL				\$ 824,834.51																

Make all payments via wire to:

Caprock Wind LLC
Union Bank of California
350 California Street
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact Leena Cherian at (214) 515-1195 or leena.cherian@leewardenergy.com.

THANK YOU FOR YOUR BUSINESS!

Caprock Wind LLC

6688 N. Central Expressway, Suite 500
 Dallas, TX 75206
 Phone: 214.515.1100 Fax: 214.515.1158

INVOICE

DATE: October 1, 2018
INVOICE #: CPW-201809



Bill To:

Attn: Bill Watson
Southwestern Public Service Company
 1800 Larimer Street, Suite 1200
 Denver, CO 80202
 Ph: 303-571-6777
 Fax: 303-571-6302

DESCRIPTION				AMOUNT																
<table border="1"> <thead> <tr> <th colspan="4">Energy Production Detail</th> </tr> <tr> <th colspan="2">For the Period</th> <th>Energy Delivered</th> <th>Contracted Rate</th> </tr> <tr> <th>From</th> <th>To</th> <th>MWh</th> <th>\$ per MWh</th> </tr> </thead> <tbody> <tr> <td>1-Sep-18</td> <td>30-Sep-18</td> <td>27,042</td> <td>\$32.53</td> </tr> </tbody> </table>				Energy Production Detail				For the Period		Energy Delivered	Contracted Rate	From	To	MWh	\$ per MWh	1-Sep-18	30-Sep-18	27,042	\$32.53	879,760.52
Energy Production Detail																				
For the Period		Energy Delivered	Contracted Rate																	
From	To	MWh	\$ per MWh																	
1-Sep-18	30-Sep-18	27,042	\$32.53																	
<p>This invoice submitted per the terms and conditions of the Amended and Restated Renewable Energy Purchase Agreement between Southwestern Public Service Company and Caprock Wind, Limited Partnership dated July 8, 2004, and assigned to Caprock Wind LLC pursuant to the Assignment and Conveyance dated August 25, 2004.</p>																				
TOTAL				\$ 879,760.52																

Make all payments via wire to:

Caprock Wind LLC
Union Bank of California
350 California Street
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact Leena Cherian at (214) 515-1195 or leena.cherian@leewardenergy.com.

THANK YOU FOR YOUR BUSINESS!

Caprock Wind LLC

6688 N. Central Expressway, Suite 500
 Dallas, TX 75206
 Phone: 214.515.1100 Fax: 214.515.1158

INVOICE

DATE: November 2, 2018
INVOICE #: CPW-201810



Bill To:
 Attn: Bill Watson
Southwestern Public Service Company
 1800 Larimer Street, Suite 1200
 Denver, CO 80202
 Ph: 303-571-6777
 Fax: 303-571-6302

DESCRIPTION				AMOUNT																
<table border="1"> <thead> <tr> <th colspan="4">Energy Production Detail</th> </tr> <tr> <th colspan="2">For the Period</th> <th>Energy Delivered</th> <th>Contracted Rate</th> </tr> <tr> <th>From</th> <th>To</th> <th>MWh</th> <th>\$ per MWh</th> </tr> </thead> <tbody> <tr> <td>1-Oct-18</td> <td>31-Oct-18</td> <td>23,128.156</td> <td>\$32.53</td> </tr> </tbody> </table>				Energy Production Detail				For the Period		Energy Delivered	Contracted Rate	From	To	MWh	\$ per MWh	1-Oct-18	31-Oct-18	23,128.156	\$32.53	752,425.10
Energy Production Detail																				
For the Period		Energy Delivered	Contracted Rate																	
From	To	MWh	\$ per MWh																	
1-Oct-18	31-Oct-18	23,128.156	\$32.53																	
<p>This invoice submitted per the terms and conditions of the Amended and Restated Renewable Energy Purchase Agreement between Southwestern Public Service Company and Caprock Wind, Limited Partnership dated July 8, 2004, and assigned to Caprock Wind LLC pursuant to the Assignment and Conveyance dated August 25, 2004.</p>																				
TOTAL				\$ 752,425.10																

Make all payments via wire to:

Caprock Wind LLC
Union Bank of California
350 California Street
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact Leena Cherian at (214) 515-1195 or leena.cherian@leewardenergy.com.

THANK YOU FOR YOUR BUSINESS!

Caprock Wind LLC

6688 N. Central Expressway, Suite 500
 Dallas, TX 75206
 Phone: 214.515.1100 Fax: 214.515.1158

INVOICE

DATE: December 4, 2018
INVOICE #: CPW-201811



Bill To:

Attn: Ciara Young
Southwestern Public Service Company
 1800 Larimer Street, Suite 1200
 Denver, CO 80202
 Ph: 303-571-6777
 Fax: 303-571-6302

DESCRIPTION				AMOUNT
<hr/> Energy Production Detail <hr/>				
For the Period		Energy Delivered	Contracted Rate	
From	To	MWh	\$ per MWh	
1-Nov-18	30-Nov-18	25,434.714	\$32.53	827,464.03
<p>This invoice submitted per the terms and conditions of the Amended and Restated Renewable Energy Purchase Agreement between Southwestern Public Service Company and Caprock Wind, Limited Partnership dated July 8, 2004, and assigned to Caprock Wind LLC pursuant to the Assignment and Conveyance dated August 25, 2004.</p>				
TOTAL				\$ 827,464.03

Make all payments via wire to:

Caprock Wind LLC
Union Bank of California
350 California Street
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact Leena Cherian at (214) 515-1195 or leena.cherian@leewardenergy.com.

THANK YOU FOR YOUR BUSINESS!

Invoice



Chaves County Solar, LLC
 Tax ID # 47-2954953
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: **421887** WP/E-4(CD)
 Counterparty: **Southwestern Public Service Company**
 Date: **Apr 04, 2018** Sponsor: Freitas
 Period: **Mar 01, 2018 - Mar 31, 2018** 2018 TX Rate Case
 Amount: **\$634,295.80 USD**
 Due Date: **Apr 25, 2018**

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 1800 Larimer Street
 Suite 1000
 Denver, CO 80202
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA			
	Sell	\$ 634,295.80	USD
	GENPPA Subtotal	\$ 634,295.80	USD
	TOTAL	\$ 634,295.80	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1758835	11/29/16	03/01/18	03/31/18	ELECTRIC	PPA Curtailment [PPA Curtailment]	(592.78)	MWh	\$35.9300	\$21,298.47	USD
	1758835	11/29/16	03/01/18	03/31/18	ELECTRIC	Energy Charge for 7x24	(17,060.88)	MWh	\$35.9300	\$612,997.33	USD
									Sell Subtotal	\$634,295.80	USD
									GENPPA Subtotal	\$634,295.80	USD
									TOTAL	\$634,295.80	USD

Invoice



Chaves County Solar, LLC
Tax ID # 47-2954953

Invoice: **421887** WP/E-4(CD)
Counterparty: **Southwestern Public Service Company**
Date: **Apr 04, 2018** Sponsor: Freitas
Period: **Mar 01, 2018 - Mar 31, 2018** 2019 TX Rate Case
Amount: **\$634,295.80 USD**
Due Date: **Apr 25, 2018**

Payment Details

Wire

Bank: **Bank of America**
Acct Name: **Chaves County Solar, LLC**
ABA #: **0260-0959-3**
Account #: **4427923944**
Addr Code:

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

ACH

Bank: **Bank of America**
Acct Name: **Chaves County Solar, LLC**
ABA #: **[REDACTED]**
Account #: **[REDACTED]**
Addr Code:

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Invoice



Chaves County Solar, LLC
 Tax ID # 47-2954953
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: **426596** WP/E-4(CD)
 Counterparty: **Southwestern Public Service Company**
 Date: **May 03, 2018** Sponsor: Freitas
 Period: **Apr 01, 2018 - Apr 30, 2018** 2018 TX Rate Case
 Amount: **\$717,120.59 USD**
 Due Date: **May 24, 2018**

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 1800 Larimer Street
 Suite 1000
 Denver, CO 80202
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA			
	Sell	\$ 717,120.59	USD
	GENPPA Subtotal	\$ 717,120.59	USD
	TOTAL	\$ 717,120.59	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1758835	11/29/16	04/01/18	04/30/18	ELECTRIC	Energy Charge for 7x24	(19,516.65)	MWh	\$35.9300	\$701,233.13	USD
	1758835	11/29/16	04/01/18	04/30/18	ELECTRIC	PPA Curtailment [PPA Curtailment]	(442.18)	MWh	\$35.9300	\$15,887.46	USD
									Sell Subtotal	\$717,120.59	USD
									GENPPA Subtotal	\$717,120.59	USD
									TOTAL	\$717,120.59	USD

Invoice



Chaves County Solar, LLC
Tax ID # 47-2954953

Invoice: **426596** WP/E-4(CD)
Counterparty: **Southwestern Public Service Company**
Date: **May 03, 2018** Sponsor: Freitas
Period: **Apr 01, 2018 - Apr 30, 2018** 2018 TX Rate Case
Amount: **\$717,120.59 USD**
Due Date: **May 24, 2018**

Payment Details

Wire

Bank: **Bank of America**
Acct Name: **Chaves County Solar, LLC**
ABA #: **0260-0959-3**
Account #: **4427923944**
Addr Code:

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

ACH

Bank: **Bank of America**
Acct Name: **Chaves County Solar, LLC**
ABA #: **[REDACTED]**
Account #: **[REDACTED]**
Addr Code:

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Invoice



Chaves County Solar, LLC
 Tax ID # 47-2954953
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: **430910** WP/E-4(CD)
 Counterparty: **Southwestern Public Service Company**
 Date: **Jun 04, 2018** Sponsor: Freitas
 Period: **May 01, 2018 - May 31, 2018** 2019 TX Rate Case
 Amount: **\$771,544.66 USD**
 Due Date: **Jun 25, 2018**

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 1800 Larimer Street
 Suite 1000
 Denver, CO 80202
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
POWER			
	Sell	\$ 1,000.65	USD
	POWER Subtotal	\$ 1,000.65	USD
GENPPA			
	Sell	\$ 770,544.01	USD
	GENPPA Subtotal	\$ 770,544.01	USD
TOTAL		\$ 771,544.66	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1758835	11/29/16	05/01/18	05/31/18	ELECTRIC	Energy Charge for 7x24	(21,445.70)	MWh	\$35.9300	\$770,544.01	USD
										Sell Subtotal	\$770,544.01 USD
										GENPPA Subtotal	\$770,544.01 USD

Invoice



Chaves County Solar, LLC
 Tax ID # 47-2954953

Invoice: **430910** WP/E-4(CD)
 Counterparty: **Southwestern Public Service Company**
 Date: **Jun 04, 2018** Sponsor: Freitas
 Period: **May 01, 2018 - May 31, 2018** 2019 TX Rate Case
 Amount: **\$771,544.66 USD**
 Due Date: **Jun 25, 2018**

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
POWER											
Sell											
	2254217	05/31/18	05/01/18 - 05/31/18		ELECTRIC	PPA Curtailment	(27.85)	MWh	\$35.9300	\$1,000.65	USD
									Sell Subtotal	\$1,000.65	USD
									POWER Subtotal	\$1,000.65	USD
									TOTAL	\$771,544.66	USD

Invoice



Chaves County Solar, LLC
Tax ID # 47-2954953

Invoice: **430910** WP/E-4(CD)
Counterparty: **Southwestern Public Service Company**
Date: **Jun 04, 2018** Sponsor: Freitas
Period: **May 01, 2018 - May 31, 2018** 2019 TX Rate Case
Amount: **\$771,544.66 USD**
Due Date: **Jun 25, 2018**

Payment Details

Wire

Bank: **Bank of America**
Acct Name: **Chaves County Solar, LLC**
ABA #: **0260-0959-3**
Account #: **4427923944**
Addr Code:

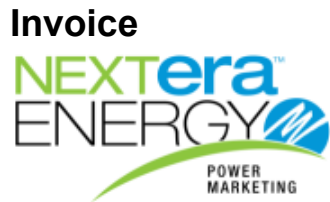
Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

ACH

Bank: **Bank of America**
Acct Name: **Chaves County Solar, LLC**
ABA #: **[REDACTED]**
Account #: **[REDACTED]**
Addr Code:

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.



Chaves County Solar, LLC
 Tax ID # 47-2954953
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: **436418** WP/E-4(CD)
 Counterparty: **Southwestern Public Service Company**
 Date: **Jul 03, 2018** Sponsor: Freitas
 Period: **Jun 01, 2018 - Jun 30, 2018** 2019 TX Rate Case
 Amount: **\$746,545.42 USD**
 Due Date: **Jul 26, 2018**

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 1800 Larimer Street
 Suite 1000
 Denver, CO 80202
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA			
	Sell	\$ 746,545.42	USD
	GENPPA Subtotal	\$ 746,545.42	USD
	TOTAL	\$ 746,545.42	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1758835	11/29/16	06/01/18	06/30/18	ELECTRIC	Energy Charge for 7x24	(20,753.27)	MWh	\$35.9300	\$745,665.13	USD
	2275962	06/30/18	06/01/18	06/30/18	ELECTRIC	PPA Curtailment	(24.50)	MWh	\$35.9300	\$880.29	USD
									Sell Subtotal	\$746,545.42	USD
									GENPPA Subtotal	\$746,545.42	USD
									TOTAL	\$746,545.42	USD

Invoice



Chaves County Solar, LLC
Tax ID # 47-2954953

Invoice: **436418** WP/E-4(CD)
Counterparty: **Southwestern Public Service Company**
Date: **Jul 03, 2018** Sponsor: Freitas
Period: **Jun 01, 2018 - Jun 30, 2018** 2018 TX Rate Case
Amount: **\$746,545.42 USD**
Due Date: **Jul 26, 2018**

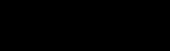

Payment Details

Wire

Bank: **Bank of America**
Acct Name: **Chaves County Solar, LLC**
ABA #: **0260-0959-3**
Account #: **4427923944**
Addr Code:

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

ACH

Bank: **Bank of America**
Acct Name: **Chaves County Solar, LLC**
ABA #: 
Account #: 
Addr Code:

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Invoice



Chaves County Solar, LLC
 Tax ID # 47-2954953
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: **448673** WP/E-4(CD)
 Counterparty: **Southwestern Public Service Company**
 Date: **Sep 06, 2018** Sponsor: Freitas
 Period: **Aug 01, 2018 - Aug 31, 2018** 2019 TX Rate Case
 Amount: **\$670,480.35 USD**
 Due Date: **Sep 27, 2018**

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 1800 Larimer Street
 Suite 1000
 Denver, CO 80202
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA			
	Sell	\$ 670,480.35	USD
	GENPPA Subtotal	\$ 670,480.35	USD
	TOTAL	\$ 670,480.35	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1758835	11/29/16	08/01/18	08/31/18	ELECTRIC	Energy Charge for 7x24	(18,660.74)	MWh	\$35.9300	\$670,480.35	USD
									Sell Subtotal	\$670,480.35	USD
									GENPPA Subtotal	\$670,480.35	USD
									TOTAL	\$670,480.35	USD

Invoice



Chaves County Solar, LLC
Tax ID # 47-2954953

Invoice: **448673** WP/E-4(CD)
Counterparty: **Southwestern Public Service Company**
Date: **Sep 06, 2018** Sponsor: Freitas
Period: **Aug 01, 2018 - Aug 31, 2018** 2019 TX Rate Case
Amount: **\$670,480.35 USD**
Due Date: **Sep 27, 2018**

Payment Details

Wire

Bank: **Bank of America**
Acct Name: **Chaves County Solar, LLC**
ABA #: **0260-0959-3**
Account #: **4427923944**
Addr Code:

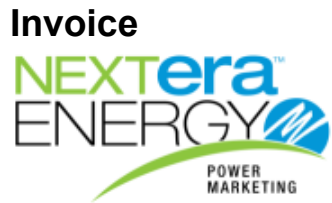
Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

ACH

Bank: **Bank of America**
Acct Name: **Chaves County Solar, LLC**
ABA #: **111000012**
Account #: **4427923944**
Addr Code:

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.



Chaves County Solar, LLC
 Tax ID # 47-2954953
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: **464005** WP/E-4(CD)
 Counterparty: **Southwestern Public Service Company**
 Date: **Dec 04, 2018** Sponsor: Freitas
 Period: **Nov 01, 2018 - Nov 30, 2018** 2019 TX Rate Case
 Amount: **\$433,007.59 USD**
 Due Date: **Dec 26, 2018**

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 1800 Larimer Street
 Suite 1000
 Denver, CO 80202
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA			
	Sell	\$ 433,007.59	USD
	GENPPA Subtotal	\$ 433,007.59	USD
	TOTAL	\$ 433,007.59	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1758835	11/29/16	11/01/18 - 11/30/18	11/01/18 - 11/30/18	ELECTRIC	PPA Energy Adj [PPA Energy Adj]	(11,073.81)	MWh	\$36.6500	\$405,855.21	USD
	1758835	11/29/16	11/01/18 - 11/30/18	11/01/18 - 11/30/18	ELECTRIC	PPA Curtailment Contract Price [PPA Curtailment Contract Price]	(740.86)	MWh	\$36.6500	\$27,152.38	USD
									Sell Subtotal	\$433,007.59	USD
									GENPPA Subtotal	\$433,007.59	USD
									TOTAL	\$433,007.59	USD

Invoice



Chaves County Solar, LLC
Tax ID # 47-2954953

Invoice: **464005** WP/E-4(CD)
Counterparty: **Southwestern Public Service Company**
Date: **Dec 04, 2018** Sponsor: Freitas
Period: **Nov 01, 2018 - Nov 30, 2018** 2019 TX Rate Case
Amount: **\$433,007.59 USD**
Due Date: **Dec 26, 2018**

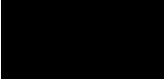

Payment Details

Wire

Bank: **Bank of America**
Acct Name: **Chaves County Solar, LLC**
ABA #: **0260-0959-3**
Account #: **4427923944**
Addr Code:

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

ACH

Bank: **Bank of America**
Acct Name: **Chaves County Solar, LLC**
ABA #: 
Account #: 
Addr Code:

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

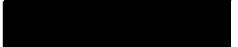
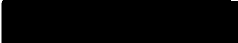
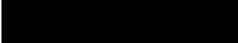
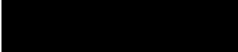


Southwestern Public Service Company

Remittance Statement

Cirrus Wind 1 ✓
 2908 CR BB ✓
 Tahoka, TX 79373 ✓
 Jasonyang@cirruswind.com

Remit To

Bank Name : 
 Wire ABA : 
 ACH ABA : 
 Account No : 

Remittance No : 48170 ✓
Remittance Date : 01/15/2018 ✓
Due Date : 01/22/2018 ✓

Line Item	Production Month	Volume	UOM	Rate	Value
Admin Fees	2017-12	0 ✓			-\$405.00
Energy Cost	2017-12	9,416,994	KWh	\$0.02290	\$215,676.98
Real Time Out of Merit Amount	2017-10				\$3,300.14 ✓
Revenue Neutrality Uplift	2017-10				\$322.17 ✓
Revenue Neutrality Uplift	2017-12 ✓				-\$913.21 ✓
RUC Make Whole Payment Distribution	2017-10				-\$19.77 ✓
RUC Make Whole Payment Distribution	2017-12 ✓				-\$1,119.11 ✓
Total					\$216,842.20

December 2017

December 2017

Show same sign on invoice for I7.
Show opposite sign on invoice for F47.

Row Labels	I7		F47		Difference between F47 and I7	
	Sum of RUCMakeWholeP aymentDistribution Amount	Sum of RevenueNeutrality UpiftDistributionA RealTimeOutofMe ritAmount	Sum of RUCMakeWholeP aymentDistribution Amount	Sum of RevenueNeutrality UpiftDistributionA RealTimeOutofMe ritAmount	Sum of RUCMakeWholeP aymentDistribution Amount	Sum of RevenueNeutrality UpiftDistributionA RealTimeOutofMe ritAmount
SPS.CIRRUWIND	1,119.11	913.21			(1,119.11)	(913.21)
SPS.FRISCOWIND						
SPS.NOVUSWIND1						
SPS.PRINWIND1_2	648.27	98.67			(648.27)	(98.67)
SPS.RALLSWIND	285.28	153.66			(285.28)	(153.66)
SPS.SUNRAYWIND2	161.87	22.59			(161.87)	(22.59)
SPS.SUZLON8	0.14	29.12			(0.14)	(29.12)
SPS.WTAMWIND						
SPS.PLSNTHLWIND	1,523.71	413.84			(1,523.71)	(413.84)
SPS.PANTEXWIND	677.11	67.04			(677.11)	(67.04)
Total	4,415.49	1,698.13	\$0.00	\$0.00	(4,415.49)	(1,698.13)

Name	Volumes	RUC	RNU	OOME
Pringle 1	956,580		-469.7	-71.49
Pringle 2	363,663		-178.57	-27.18
Novus 1		#DIV/0!	#DIV/0!	#DIV/0!
Novus 2		#DIV/0!	#DIV/0!	#DIV/0!

October 2017

October 2017

Show same sign on invoice for I7.
Show opposite sign on invoice for F47.

Row Labels	I7			F47			Difference between F47 and I7			
	Sum of RUCMakeWholeP aymentDistribution Amount	Sum of Revenue UpIiftDistributionA mount	Sum of Neutrality RealTimeOutofMe ritAmount	Sum of RUCMakeWholeP aymentDistribution Amount	Sum of Revenue UpIiftDistributionA mount	Sum of Neutrality RealTimeOutofMe ritAmount	Sum of RUCMakeWholeP aymentDistribution Amount	Sum of Revenue UpIiftDistributionA mount	Sum of Neutrality RealTimeOutofMe ritAmount	
SPS.CIRRUSWIND	1,006.51	2,205.22	(\$646.61)	\$1,026.28	\$1,883.05	(\$3,946.75)	\$	19.77	(\$322.17)	(\$3,300.14)
SPS.FRISCOWIND			\$0.00			\$0.00		-	-	\$0.00
SPS.NOVUSWIND1			\$0.00			\$0.00		-	-	\$0.00
SPS.PRINWIND1_2	1,882.33	277.22	(\$121.37)	\$1,904.34	\$244.47	(\$121.00)		22.01	(32.75)	\$0.37
SPS.RALLSWIND	17.78	488.44	(\$17.42)	\$15.57	\$416.25	(\$17.42)		(2.21)	(72.19)	\$0.00
SPS.SUNRAYWIND2	30.54	741.21	\$0.00	\$27.16	\$647.74	\$0.00		(3.38)	(93.47)	\$0.00
SPS.SUZLON8	1.24	239.82	\$0.00	\$1.67	\$207.50	\$0.00		0.43	(32.32)	\$0.00
SPS.WTAMWIND			\$0.00		\$0.19	\$0.00		-	0.19	\$0.00
SPS.PLSNTHLWIND	19.29	1,091.81	\$0.00	\$21.22	\$932.97	\$0.00		1.93	(158.84)	\$0.00
SPS.PANTEXWIND	732.51	520.32	(\$20.05)	\$742.02	\$445.25	(\$8.68)		9.51	(75.07)	\$11.37
Total	3,690.20	5,564.04	(805.45)	\$3,738.26	\$4,777.42	(4,093.85)		48.06	(786.62)	(3,288.40)

Allocations

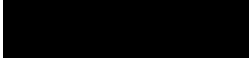
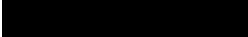
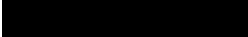

Name	RUC	RNU	OOME
Pringle 1	1,000,828	14.47	-21.53
Pringle 2	521,776	7.54	-11.22
Novus 1		#DIV/0!	#DIV/0!
Novus 2		#DIV/0!	#DIV/0!

Southwestern Public Service Company

Invoice

Cirrus Wind 1
 2908 CR BB
 Tahoka, TX 79373
 Jasonyang@cirruswind.com

Remit To

Bank Name : 
 Wire ABA : 
 ACH ABA : 
 Account No : 

Invoice No : 2018-I0049068
Invoice Date : 05/14/2018
Due Date : 05/21/2018

Line Item	Production Month	Volume	UOM	Rate	Value
Admin Fees	2018-04				-\$405.00
Energy Cost	2018-04	9,695,178	KWh	\$0.01779	\$172,484.05
Revenue Neutrality Uplift	2018-02				\$9.25
RUC Make Whole Payment Distribution	2018-02				\$38.17
Revenue Neutrality Uplift	2018-04				-\$1,806.13
RUC Make Whole Payment Distribution	2018-04				-\$208.98
Total					\$170,111.36



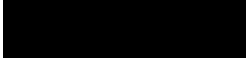
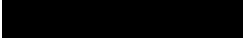
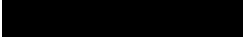
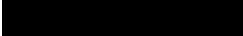
Southwestern Public Service Company

Invoice

Cirrus Wind 1
2908 CR BB

Jasonyang@cirruswind.com

Remit To

Bank Name : 
Wire ABA : 
ACH ABA : 
Account No : 
Addendum :

Invoice No : 2018-I0049731
Invoice Date : 08/16/2018
Due Date : 08/20/2018

Line Item	Production Month	Volume	UOM	Rate	Value
Admin Fees	2018-07				-\$405.00
Energy Cost	2018-07	5,918,292	KWh	\$0.02532	\$149,836.80
Revenue Neutrality Uplift	2018-05				\$7.97
RUC Make Whole Payment Distribution	2018-05				\$5.33
Revenue Neutrality Uplift	2018-07				-\$547.31
RUC Make Whole Payment Distribution	2018-07				-\$1,206.52
Total					\$147,691.27



Southwestern Public Service Company

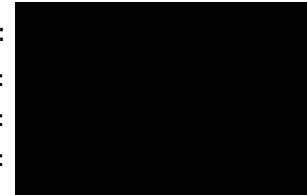
Invoice

Cirrus Wind 1
 2908 CR BB

Jasonyang@cirruswind.com

Remit To

Bank Name :
 Wire ABA :
 ACH ABA :
 Account No :
 Addendum :



Invoice No : 2018-I0050881
Invoice Date : 11/09/2018
Due Date : 11/15/2018

Line Item	Production Month	Volume	UOM	Rate	Value
Admin Fees	2018-10				-\$405.00
Energy Cost	2018-10	5,977,515	KWh	\$0.02539	\$151,781.98
Revenue Neutrality Uplift	2018-10				-\$652.00
RUC Make Whole Payment Distribution	2018-10				-\$269.00
Revenue Neutrality Uplift	2018-10				\$0.05
RUC Make Whole Payment Distribution	2018-10				-\$24.69
Total					\$150,431.34



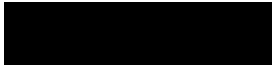
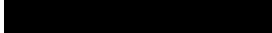
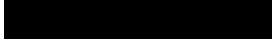
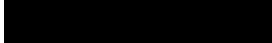

Southwestern Public Service Company

Invoice

Cirrus Wind 1
2908 CR BB

Jasonyang@cirruswind.com

Remit To

Bank Name : 
Wire ABA : 
ACH ABA : 
Account No : 
Addendum : 

Invoice No : 2018-I0051082
Invoice Date : 12/12/2018
Due Date : 12/20/2018

Line Item	Production Month	Volume	UOM	Rate	Value
Admin Fees	2018-11				-\$405.00
Energy Cost	2018-11	6,314,603	KWh	\$0.02551	\$161,086.99
Revenue Neutrality Uplift	2018-09				-\$0.46
RUC Make Whole Payment Distribution	2018-09				-\$4.77
Revenue Neutrality Uplift	2018-11				-\$1,293.88
RT Out-of-Merit	2018-11				\$231.18
RUC Make Whole Payment Distribution	2018-11				-\$666.02
Total					\$158,948.04

Lea Power Partners, LLC
Power Purchase Agreement Invoice
919 Milam Street, Suite 2300
Houston, Texas 77002

Date: January 8, 2018
Invoice: LEA1217

To: Southwestern Public Service Company
c/o Xcel Energy
1800 Larimer St, Floor 12
Denver, Colorado 80202
Phone: 303.294.2176
Attention: Kelsey Plank
Email: Kelsey.Hall@xcelenergy.com

Summary of Payment Calculation

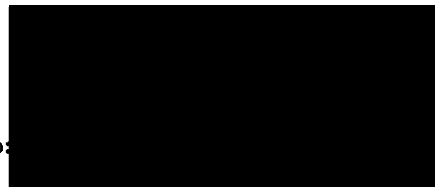
Sales: Dec-17

Capacity Payment	B1	\$ 4,066,331.06	①
Energy Payment	B3	\$ 617,595.73	②
Dispatchability Payment	B2	\$ 149,905.61	③
Heat Rate Adjustment Payment	B4	\$ 120,536.91	④
Turbine Start Payment	B5	\$ 9,360.00	⑤
Total Invoice:		<u>\$ 4,963,729.31</u>	⑥

Please Remit Payment By: January 30, 2018
IF PAYMENT IS NOT RECEIVED BY THE DUE DATE A LATE PAYMENT CHARGE
WILL BE APPLIED AS INDICATED BY THE CONTRACT TERMS

For questions regarding this invoice, please contact Jian Casey at 713.358.9749; Fax 713.358.9730

Payable To: Bank
ABA
Acct
Further Credit to:
Ref



Southwestern Public Service Company

**Lea Power Partners, LLC
Purchase Power Payment Calculation
December 2017**

Actual 2017-12 ✓

General Information

Commercial Operation Date

September 16, 2008

Net Capacity

604,000 kW (6)

Capacity Price

\$7.207 /kW-Month

Tolling Price

\$2.15 /MWh

Turbine Start Price

\$4,680.00 /Turb. Start

Test Energy Price

\$55.31 /MWh

Contract Energy

287,254 MWh (7)

Test Energy

0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capacity	Price \$/kW-Mo	12 Mo Avg. CAF
604,000	7.207	0.9341
<i>I₁</i>	<i>J₁</i>	<i>D₁</i>

\$ 4,066,331.06 (1)

Payment for Dispatchability

Net Capacity	Price \$/kW-Mo	DAF
604,000	0.25	0.9928

149,905.61 (2)

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh
287,254	\$2.15

617,595.73 (3)

Prior Month Heat Rate Adjustment

Description	Date
See HRA Sheet	11/1/2017 ✓
Correction for True Up incl'd on Nov invoice	8/1/2017
Correction for True Up incl'd on Nov invoice	7/1/2017
Correction for True Up incl'd on Nov invoice	6/1/2017

(2) 120,356.91 { 80,275.38 ✓
10,777.47-M1
14,366.51-M2
15,117.55-M3

Turbine Starts

Payable Turb Starts	Price \$/Start
2	\$4,680.00 ✓

(5) 9,360.00 AB

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total

\$ 4,963,729.31 (6)

Note: All support is in the following file path:

Southwestern Public Service Company
 Lea Power Partners
 2017-12 Lea Billing Final SPS.xlsx

Lea Power Hobbs
 Summary of Meter Data
 December 2017

Turbine	Service Point ID	Recorder ID	Unit	IEE KWh	KWh Per LPP	Variance
77433T	0304127239E03	304127239000	HOBBSCTG1	94,883,739	94,766,616	117,123
77434T	0304127239E01	3041272390	HOBBSCTG2	91,447,213	91,382,912	64,301
77435T	0304127239E02	30412723900	HOBBSSTG3	100,922,875	101,230,976	(308,101)
				287,253,827	287,380,504	(126,677) *
						0.04%

* Small variance is expected
 Bill based on SPS IEE Meter Volumes

Capacity Availability Factor Calculation
December 2017

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9341	7.207	\$4,066,331.06

(1)

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
Oct-17	449,376	255,106	185,450	0.9804
Sep-17	434,880	281,663	0	0.6477
Aug-17	449,376	401,151	7,973	0.9104
Jul-17	449,376	424,027	0	0.9436
Jun-17	434,880	413,394	0	0.9506
May-17	449,376	433,060	0	0.9637
Apr-17	434,880	417,351	0	0.9597
Mar-17	448,772	345,593	91,687	0.9744
Feb-17	405,888	396,004	0	0.9756
Jan-17	449,376	434,704	0	0.9674
12 Month Average	440,920	388,232	23,759	0.9341385042

D

**Dispatchability Availability Factor Calculation
December 2017**

Per Section 8.2 of the PPA

Net Capability (kW)	DAF	Rate (\$/kW-Mo)	Total
604,000	0.9928	0.25	\$149,905.61

①

DAF Calculation: (12 month Average Hours on-control/Hours on-line) X RAF= **0.99275242**

Note: RAF=1.00 per Section 2 of the Settlement Agreement dated 8/19/10 and results of 10/18/11 Ramp Rate Test Report.

12 Month Rolling Average Hours on-control/Hours on-line Calculation

Month	Hours on Line	Hours on Control	Avg Hrs on- control/Hrs on-line
Dec-17	679.0	677.3	0.9976
Nov-17	660.0	655.6	0.9933
Oct-17	439.0	430.9	0.9816
Sep-17	512.0	489.5	0.9561
Aug-17	737.0	735.7	0.9982
Jul-17	744.0	744.0	1.0000
Jun-17	720.0	720.0	1.0000
May-17	741.0	741.0	1.0000
Apr-17	708.0	703.7	0.9940
Mar-17	564.0	560.5	0.9937
Feb-17	660.0	659.1	0.9986
Jan-17	744.0	744.0	1.0000
12 Month Average	659.00	655.11	0.9928

E

Per Section 8.4 of the PPA

**Heat Rate Adjustment
(One Month Lag to Billing Month)**

Predicted Net Heat Rate (P):	7,765 Btu/kWh
Actual Net Heat Rate (A):	7,322 Btu/kWh
Fuel Delivered	1,843,145 mmBtu
Purchased Cost of Fuel Delivered	\$ 5,591,685.47
Price of Fuel (\$/mmBtu)	\$3.03377

If A > 1.0P:

$$\text{HRA} = \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [P/A])$$

If A < .97P:

$$\begin{aligned} \text{HRA} &= \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [(P \times 0.97)/A]) \times 0.50 \\ &= \mathbf{-\$80,275.38} \end{aligned}$$

If A <= 1.0P and A >= .97P:

$$\text{HRA} = \$0.00$$

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

G

Document Number	Fiscal Year	Filing Date	Document Date	Comp	Document Header Text	Account	GL Account Description	Order	Order Description	Reference Key 3	Text	Production Month	Amount in LC	Quantity	Base Unit of Measure	Parted by	Reference
10064841	2017	12/21/2017	12/21/2017	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	20000002989	SPS Tolling Plant Gas Costs - Hobbs - NM		HOBBS Toll Purchase	11/1/2017	4,545,188.93	1,837,560,668	DTH	226721	12164303
10064841	2017	12/21/2017	12/21/2017	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	20000002989	Tolling Plant Gas Costs - Hobbs - NM		HOBBS Toll Transport	11/1/2017	883,139.44	0.000		226721	12164303
10064841	2017	12/21/2017	12/21/2017	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	20000002989	SPS Tolling Plant Gas Costs - Hobbs - NM		HOBBS Toll Storage	11/1/2017	336,359.45	123,317,789	DTH	226721	12164303
10064841	2017	12/21/2017	12/21/2017	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	20000002989	SPS Tolling Plant Gas Costs - Hobbs - NM		HOBBS Toll Imbalance	11/1/2017	-275,002.35	-117,753,468	DTH	226721	12164303

11/1/2017 5,691,665.47
 1,843,145.00

	Unit 1	Unit 2	Total
Dec-01			
Dec-02	-	1	1
Dec-03			
Dec-04		1	1
Dec-05			
Dec-06			
Dec-07			
Dec-08			
Dec-09			
Dec-10			
Dec-11			
Dec-12			
Dec-13			
Dec-14			
Dec-15			
Dec-16	-		
Dec-17		1	1
Dec-18			
Dec-19			
Dec-20			
Dec-21			
Dec-22	-	-	
Dec-23			
Dec-24	-		
Dec-25			
Dec-26			
Dec-27			
Dec-28			
Dec-29			
Dec-30			
Total	0	3	3
Current Month Starts Charged			2
Amount per Start			\$4,680
Total			\$9,360

Month	Starts Monthly	YTD
Jan-17	0	0
Feb-17	3	3
Mar-17	1	4
Apr-17	5	9
May-17	2	11
Jun-17	0	11
Jul-17	0	11
Aug-17	1	12
Sep-17	1	13
Oct-17	3	16
Nov-17	8	24
Dec-17	3	27
YTD Total	27	

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Note: SPS Commercial previously ran a report from the links below to confirm the starts that Lea is reporting, however per discussion with Jeanette Schuck on 12/28/16, these reports are often not complete and accurate and she does her own review as part of her approval process. As such, SPS will no longer run this report and will accrue based solely on the Lea Power file and billing will be based on Jeanette's approval.

SPS Commercial Operations Log
<http://cotools.xcelenergy.com/>
<http://cclcap03.xcelenergy.com:37080/opslog/isp/OpsLog.jsp>
(Saved Reports - Hobbs Start/Stop)

H

Document #185796

~~Draft~~ KTH
 SPS CONTRACT SUMMARY

Attached for your review & approval is the negotiated power purchase agreement (PPA) between Southwestern Public Service Company (SPS) and Lea Power Partners, LLC (LEA).

Background Information:

1. SPS Issued a Request for Proposal for Dispatchable Resources on February 23, 2006.
2. A bid was submitted by a joint effort of CEM Colorado (subsidiary of MDU), Centennial Energy Resources (subsidiary of MDU), and Genova Power Solutions for a dry cooled two-on-one combined cycle (CC) generation facility with a nominal capacity of about 600 MW in the vicinity of Maddox Station and Cunningham Station near Hobbs, NM. The equipment will be procured upon execution of the PPA. The PPA requires LEA to develop a dry cooled CC generation facility near Hobbs, NM with a Net Capacity of 604 MW and a summer capacity of 502 MW
3. Based on Resource Planning analysis, the lowest cost alternative was CEM's dry cooled CC facility. This option was \$40 million less than the next lowest cost option, a wet-cooled option, which was the next least cost bid. The energy savings from the combined cycle heat rate on the SPS system is expected to pay for a substantial portion of the capacity payments (break-even at a delivered gas price greater than \$6/MMBtu and a CF of 60%), thereby resulting in net savings compared to the alternative of adding peaking generation (such as combustion turbines) to the system. The following risk factors were also considered within the evaluation process: (1) the risk of acquiring and maintain a long-term water resource, (2) negative customer and political perception associated with using a scarce and valuable resource - water, and (3) the additional costs and risks associates with a delay in meeting the June 2008 COD. Based on subsequent consideration of these risk factors, CEM's dry cooled facility was picked as the preferred alternative.
5. SPS received Finance Council approval to proceed to negotiate on July 25, 2006. The executive direction to proceed with this project was affirmed on October 18, 2006.
6. The contractual COD Date is June 1, 2008.
7. The Seller has acquired sufficient water for the dry cooled facility and a site that has existing electric transmission facilities and ROW and is near the Pinnacle pipeline. The most recent site is under option and will be bought once the PPA is in place.
8. On July 20, 2006, the Seller had a pre-application meeting with the NMED-AQB on the PSD permit. CEM was advised that the dry cooled choice would be looked at favorably and that it would work toward having the permit in place in less than 180 days. The emissions permit was filed on October 2, 2006.
9. SPS will have the opportunity to buy natural gas from up to three pipelines (El Paso, Northwestern, and Transwestern) and deliver that gas to the Facility using the Pinnacle pipeline.
10. As of July 26, 2006, the Seller has applied for its LGIA. During the week of August 7, 2006, the application was updated as a result of Seller selecting a new site.
11. This capacity is needed by the SPS system to meet load and reserve margins in 2008.

Transaction Specifics:

1. The term of the PPA is 25 years.
2. Seller shall be paid as follows:
 - a. Capacity payment of \$7.21/MW-month (plus Dispatchability Payment) for Term of the agreement.
 - b. The Tolling Charge is \$1.75/MWh for the first year and increases by about 2.3% each year.
 - c. The Start Charge begins at \$4,000 per facility start and increases by about 2% each year after the second year for up to 200 starts per year. Starts over 200 per year begin at \$15,000 per facility start and increase by about 2.3% each year.

Based on Seller's proposal, the capacity charge is adjusted based on the actual cost of the natural gas and electric interconnections. The bid included \$2.475 million for the gas interconnection and based on the actual cost of the gas interconnection the capacity charge will be reduced or increased by \$.00230/kw-month (levelized value) per \$100,000 difference from the \$2.475 million. The bid included \$2.700 million of the electric interconnection and the adjustment factor is \$0.00230 (levelized value).

3. Security will be provided at \$1.25 per MW per month for the first 12 months of the term of the PPA. The bid included \$1.25 million for the security. The full security must be funded if the bid is accepted. The security shall be provided to the SPS prior to the start of construction. The full security must be funded if the bid is accepted.

Handwritten initials and marks at the bottom right of the page.

From:
Sent:
To:
Cc:
Subject:

Joann—As Jeanette mentioned, Net Capability is a defined term in the contract used for payment purposes. The 502 MW mentioned in the PPA is simply an expectation for the summer. It is not used for pricing purposes.

Mark

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Schmidt, Joann U
Sent: Thursday, September 10, 2015 1:58 PM
To: Baylor, Mark D
Cc: Morgan, Neal M
Subject: RE: Lea Power

Hi Mark

We are using the 604 MW, and I'm just curious why we're not using the 502MW since we're in a summer month. Can you explain?

thanks

Joann Schmidt
Xcel Energy | Responsible By Nature
Principal Financial Consultant
1800 Larimer St. 12th Floor, Denver, CO 80202
P: 303.571.2801
E: joann.u.schmidt@xcelenergy.com

From: Schuck, Jeanette R
Sent: Thursday, September 10, 2015 1:46 PM
To: Schmidt, Joann U; Baylor, Mark D
Cc: Morgan, Neal M
Subject: RE: Lea Power

Net Capability is a defined term of 604 MW. If you require additional explanation let Mark know as he took over the PPA from Price after COD.

Jeanette R. Schuck
Xcel Energy | Responsible By Nature
Purchased Power Analyst
1800 Larimer Street, Suite 1000, Denver, CO 80202

Mount, Helen M

From: Tom Motley [tmotley@camstex.com]
Sent: Tuesday, October 21, 2008 9:47 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Thanks Jeff, that clears everything up for us.

Tom Motley
713-751-8877 ext. 318

From: Hild, Jeffrey P [mailto:jeff.hild@xcelenergy.com]
Sent: Tuesday, October 21, 2008 9:04 AM
To: Tom Motley
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Tom,
As I indicated in my email below, and as I mentioned in my voice message to you, the capacity price is reduced from \$7.81 to \$7.21 because of adjustments provided for in Sections 5.1(B) and 5.8(A) of the PPA. Section 5.1(B) provides for an adjustment, up or down, associated with costs paid by LPP toward the Electrical Interconnection in excess of or less than \$2.7 million. I have attached a scanned copy of page 80 from the Large Generator Interconnection Agreement (part of Appendix A of the LOIA) which indicates an estimate of these costs of \$693,737, \$100,000 of which was already paid. I have also attached an email indicating payment was made of the remaining balance. Therefore, an adjustment is made to the capacity price of $-(0.0023 * (27-6.94)) = -\0.0461 .

Similarly, Section 5.8(A) of the PPA provides for an adjustment, up or down, associated with costs paid by LPP toward the upstream connecting pipeline in excess of or less than \$2.475 million. Based on the gas interconnection and transportation agreements, LPP did not pay any costs on the upstream connecting pipeline - these costs are being paid by SPS through its gas transportation agreement. Therefore, an adjustment is made to the capacity price of $-(24.75 * 0.0023) = -\$0.0569$.

Put together these adjustments reduced the capacity price by \$0.103 which results in an adjusted capacity price of \$7.207/kW-month. Let me know if you have any questions on my calculations for these adjustments.

Roger Schnabel provided us with the back up meter data for the steam turbine, and I concur that there was 24,188 MWh generated from September 1 through September 16 HE 1. Although I did include this generation in my calculation of the September billing statement, I added the steam turbine generation, which was in MWh, to our meter data which was in kWh. This obviously discounted the generation data provided by Roger significantly (by a factor of 1000) compared to the SPS metered generation. I have corrected this and have attached a revised billing statement, now reflecting 74,570 MWh of Test Energy for the month of September. I apologize for the mistake and any confusion this may have created.

Let me know if you have questions on any of this. I will be in the office this morning and then out this afternoon but available by cell phone (720-273-5464). I will then be out of the office and unavailable starting tomorrow through the end of the month. I will address any questions that come up after today when I return on November 3. To ensure timely processing, please be sure to copy Helen Mount (copied on this email) when you send out the September Invoice.
Thanks.

Jeff

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Saturday, October 18, 2008 5:26 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen

Hobbs Generating Station
PPA Tables

Commercial Operation Period	Capacity Price (\$/kW/month)
6/1/2008 - 4/30/2033	\$7.31

Table 3.3 Energy Tolling Price

Period	Contract Year		Tolling Price (\$/MWh)
	Begin	End	
1	6/1/2008	4/30/2009	\$1.76
2	6/1/2009	4/30/2010	\$1.79
3	6/1/2010	4/30/2011	\$1.83
4	6/1/2011	4/30/2012	\$1.87
5	6/1/2012	4/30/2013	\$1.92
6	6/1/2013	4/30/2014	\$1.96
7	6/1/2014	4/30/2015	\$2.01
8	6/1/2015	4/30/2016	\$2.05
9	6/1/2016	4/30/2017	\$2.10
10	6/1/2017	4/30/2018	\$2.15
11	6/1/2018	4/30/2019	\$2.20
12	6/1/2019	4/30/2020	\$2.25
13	6/1/2020	4/30/2021	\$2.30
14	6/1/2021	4/30/2022	\$2.35
15	6/1/2022	4/30/2023	\$2.41
16	6/1/2023	4/30/2024	\$2.46
17	6/1/2024	4/30/2025	\$2.52
18	6/1/2025	4/30/2026	\$2.58
19	6/1/2026	4/30/2027	\$2.64
20	6/1/2027	4/30/2028	\$2.70
21	6/1/2028	4/30/2029	\$2.76
22	6/1/2029	4/30/2030	\$2.82
23	6/1/2030	4/30/2031	\$2.89
24	6/1/2031	4/30/2032	\$2.95
25	6/1/2032	4/30/2033	\$3.02

Table 3.6 Facility Start Price

Period	Contract Year		<= 200 starts	> 200 starts
	Begin	End		
1	6/1/2008	4/30/2009	\$4,000	\$15,000
2	6/1/2009	4/30/2010	\$4,000	\$15,000
3	6/1/2010	4/30/2011	\$4,080	\$15,300
4	6/1/2011	4/30/2012	\$4,160	\$15,600
5	6/1/2012	4/30/2013	\$4,240	\$15,900
6	6/1/2013	4/30/2014	\$4,330	\$16,230
7	6/1/2014	4/30/2015	\$4,400	\$16,500
8	6/1/2015	4/30/2016	\$4,500	\$16,875
9	6/1/2016	4/30/2017	\$4,590	\$17,200
10	6/1/2017	4/30/2018	\$4,680	\$17,530
11	6/1/2018	4/30/2019	\$4,780	\$17,800
12	6/1/2019	4/30/2020	\$4,870	\$18,240
13	6/1/2020	4/30/2021	\$4,970	\$18,600
14	6/1/2021	4/30/2022	\$5,070	\$19,000
15	6/1/2022	4/30/2023	\$5,170	\$19,400
16	6/1/2023	4/30/2024	\$5,280	\$19,800
17	6/1/2024	4/30/2025	\$5,380	\$20,175
18	6/1/2025	4/30/2026	\$5,480	\$20,600
19	6/1/2026	4/30/2027	\$5,600	\$21,000
20	6/1/2027	4/30/2028	\$5,710	\$21,400
21	6/1/2028	4/30/2029	\$5,830	\$21,850
22	6/1/2029	4/30/2030	\$5,940	\$22,260
23	6/1/2030	4/30/2031	\$6,060	\$22,700
24	6/1/2031	4/30/2032	\$6,180	\$23,150
25	6/1/2032	4/30/2033	\$6,300	\$23,600

K

Interoffice Memo



DATE: December 4th, 2017
TO: Jeanette Schuck, Purchased Power Analyst
FROM: Angel Miranda, Performance Testing & Analysis
SUBJECT: Hobbs Generating Station 2017 Summer Testing

Hobbs Generating Station conducted heat rate and ramp rate testing on August 23rd, 2017. Plant personnel performed the tests while representatives from Xcel Energy observed the testing activities. The objective of the test was to determine facility Heat Rate and Ramp Availability Factor for comparison to the Purchased Power Agreement (PPA).

Heat Rate Test

The Average Corrected Net Heat Rate reported by Hobbs Generating Station is **7,322.2 Btu/kWh**, which is based on average of three (3) 1-hour runs. Each run was corrected to the reference conditions of 502 MW, 95.0°F dry bulb temperature, 20% relative humidity, and an atmospheric pressure of 12.835 psia. The predicted Net Heat Rate with degradation is **7,765.4 Btu/kWh**. During this year's test, the plant came across a problem with one of the chilled water circulating pumps. To account for this, the plant turned to Power Engineers to simulate the effects of the lower inlet temperature as well as the lower aux power consumption. They provided a new set of correction factors that may be used when a similar situation arises. Below is a comparison table of the results between Hobbs Generating Station and Performance Testing & Analysis:

		Run 1	Run 2	Run 3	Average
Corrected Net HR [PTA]	[Btu/kWh]	7,322.60	7,324.12	7,319.95	7322.22
Corrected Net HR [HGS]	[Btu/kWh]	7,322.56	7,324.13	7,319.92	7,322.21
% Difference	[%]	0.00%	0.00%	0.00%	0.00%

HGS: Hobbs Generating Station
 PTA: Performance Testing & Analysis

The average difference of 0.00% between calculations made by Lea Power and PTA is acceptable, and Performance Testing & Analysis agrees with these results.

Ramp Rate Test

Each ramp rate test is conducted with both duct burners and inlet chilling off, broken up into 4 segments as per the Power Purchase Agreement Exhibit A.

L

Southwestern Public Service Company

Lea Power Partners, LLC
 Purchase Power Payment Calculation
 November 2017

Actual 2017-11 ✓

General Information

Commercial Operation Date

September 16, 2008

Net Capability

604,000 kW (6)

Capacity Price

\$7.207 /kW-Month

Tolling Price

\$2.15 /MWh

Turbine Start Price

\$4,680.00 /Turb. Start

Test Energy Price

\$55.31 /MWh

Contract Energy

254,633 MWh (7)

Test Energy

0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF
604,000	7.207	0.9317
I1	J1	D1

\$ 4,055,708.55 (1)

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF
604,000	0.25	0.9915
I1	I2	E1

149,713.40 (2)

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh
254,633	\$2.15
C1	K1

547,461.20 (3)

Prior Month Heat Rate Adjustment

See HRA Sheet	10/1/2017 ✓
See True Up Sheet	9/1/2017
See True Up Sheet	8/1/2017
See True Up Sheet	7/1/2017
See True Up Sheet	6/1/2017

11,608.67 {
 61,931.23 F1
 (10,001.03) M2
 (10,777.47) (1)
 (14,366.51) (2)
 (15,117.55) (3)

Turbine Starts

Payable Turb Starts	Price \$/Start
0	\$4,680.00
	K2

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total

\$ 4,764,551.82 (5)

Note: All support is in the following file path:

S:\Denver-Place-DP\CAS\SPS\Settlement\Long Term\2017\Lea\2017-11\2017-11 Lea Billing Final.xlsx

M

From: Schuck, Jeanette R
Sent: Wednesday, December 06, 2017 10:38 AM
To: Plank, Kelsey
Subject: RE: Lea November Estimate

Hi, I've modified to reflect the results of the June heat rate test. Can you revise the July thru October estimates accordingly and include a true-up on this estimate? Thank you.

From: Plank, Kelsey
Sent: Tuesday, December 05, 2017 4:34 PM
To: Schuck, Jeanette R
Subject: RE: Lea November Estimate

Hi Jeanette,

Thanks for catching this. Attached is a revised statement.

Kelsey

From: Schuck, Jeanette R
Sent: Tuesday, December 05, 2017 3:53 PM
To: Plank, Kelsey
Subject: FW: Lea November Estimate

Kelsey, please check your process. This does not appear to be correct. Call me to discuss. Thank you.

From: Plank, Kelsey
Sent: Tuesday, December 05, 2017 9:48 AM
To: Schuck, Jeanette R
Cc: Baylor, Mark D
Subject: Lea November Estimate

Good Morning,

Please see the attached and let me know if you agree.

Thank you,

Kelsey Plank
Xcel Energy | Responsible By Nature
Senior Accountant, SPS Regulatory Accounting
1800 Larimer Street, Suite 1200, Denver, CO 80202
P: 303.294.2334
E: kelsey.hall@xcelenergy.com

Lea Power Partners, LLC
Power Purchase Agreement Invoice
919 Milam Street, Suite 2300
Houston, Texas 77002

Date: February 12, 2018
Invoice: LEA0118

To: Southwestern Public Service Company
c/o Xcel Energy
1800 Larimer St, Floor 12
Denver, Colorado 80202
Phone: 303.294.2176
Attention: Kelsey Plank
Email: Kelsey.Hall@xcelenergy.com

Summary of Payment Calculation

Sales: Jan-18

Capacity Payment	B1	\$ 4,066,547.20	①
Energy Payment	B3	\$ 589,442.08	②
Dispatchability Payment	B2	\$ 149,801.54	③
Heat Rate Adjustment Payment	B4	\$ 73,071.19	④
Turbine Start Payment	B5	\$ -	⑤
Total Invoice:		<u>\$ 4,878,862.01</u>	⑥

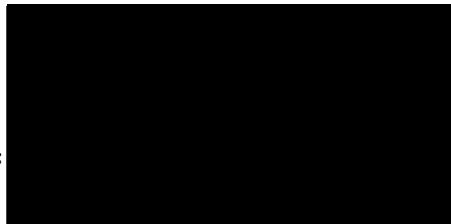
Please Remit Payment By: February 27, 2018
IF PAYMENT IS NOT RECEIVED BY THE DUE DATE A LATE PAYMENT CHARGE
WILL BE APPLIED AS INDICATED BY THE CONTRACT TERMS

For questions regarding this invoice, please contact Jian Casey at 713.358.9749; Fax 713.358.9730

Payable To: Bank

ABA
Acct

Further Credit to:
Ref



Southwestern Public Service Company

**Lea Power Partners, LLC
Purchase Power Payment Calculation
January 2018**

Actual 2018-01

General Information

Commercial Operation Date

September 16, 2008

Net Capability

604,000 kW (10)

Capacity Price

\$7.207 /kW-Month

Tolling Price

\$2.15 /MWh

Turbine Start Price

\$4,680.00 /Turb. Start

Test Energy Price

\$55.31 /MWh

Contract Energy

274,159 MWh (7)

Test Energy

0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF
604,000	7.207	0.9342

\$ 4,066,547.20 (1)

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF
604,000	0.25	0.9921

149,801.54 (2)

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh
274,159	\$2.15

589,442.08 (3)

Prior Month Heat Rate Adjustment

See HRA Sheet

12/1/2017 ✓

73,071.19 (4)

Turbine Starts

Payable Turb Starts	Price \$/Start
0	\$4,680.00 ✓

H1 (5)

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total

\$ 4,878,862.01 (6)

Note: All support is in the following file path:

S:\Denver-Place-DP\CAS\SPS\Settlement\Long Term\2018\Lea\2018-01\2018-01 Lea Billing Estimate Final SPS.xlsx

B

Southwestern Public Service Company
 Lea Power Partners
 2018-01 Lea Billing Estimate Final SPS.xlsx

Lea Power Hobbs
 Summary of Meter Data
 January 2018

Turbine	Service Point ID	Recorder ID	Unit	IEE KWh	KWh Per LPP	Variance
77433T	0304127239E03	304127239000	HOBBSCTG1	91,610,662	91,493,520	117,142
77434T	0304127239E01	3041272390	HOBBSCTG2	85,539,107	85,482,432	56,675
77435T	0304127239E02	30412723900	HOBBSSTG3	97,009,338	97,314,176	(304,838)
				274,159,107	274,290,128	(131,021) *
						0.05%

* Small variance is expected
 Bill based on SPS IEE Meter Volumes

Capacity Availability Factor Calculation
January 2018

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9342 /	7.207 -	\$4,066,547.20



Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
Oct-17	449,376	255,106	185,450	0.9804
Sep-17	434,880	281,663	0	0.6477
Aug-17	449,376	401,151	7,973	0.9104
Jul-17	449,376	424,027	0	0.9436
Jun-17	434,880	413,394	0	0.9506
May-17	449,376	433,060	0	0.9637
Apr-17	434,880	417,351	0	0.9597
Mar-17	448,772	345,593	91,687	0.9744
Feb-17	405,888	396,004	0	0.9756
12 Month Average	440,920	387,135	24,878	0.9341881560 /

**Dispatchability Availability Factor Calculation
January 2018**

Per Section 8.2 of the PPA

Net Capability (kW)	DAF	Rate (\$/kW-Mo)	Total
604,000	0.9921	0.25	\$149,801.54

DAF Calculation: (12 month Average Hours on-control/Hours on-line) X RAF= **0.99206319**

Note: RAF=1.00 per Section 2 of the Settlement Agreement dated 8/19/10 and results of 10/18/11 Ramp Rate Test Report.

12 Month Rolling Average Hours on-control/Hours on-line Calculation

Month	Hours on Line	Hours on Control	Avg Hrs on-control/Hrs on-line
Jan-18	665.0	659.5	0.9917
Dec-17	679.0	677.3	0.9976
Nov-17	660.0	655.6	0.9933
Oct-17	439.0	430.9	0.9816
Sep-17	512.0	489.5	0.9561
Aug-17	737.0	735.7	0.9982
Jul-17	744.0	744.0	1.0000
Jun-17	720.0	720.0	1.0000
May-17	741.0	741.0	1.0000
Apr-17	708.0	703.7	0.9940
Mar-17	564.0	560.5	0.9937
Feb-17	660.0	659.1	0.9986
12 Month Average	652.42	648.07	0.9921

E

**Heat Rate Adjustment
(One Month Lag to Billing Month)**

Per Section 8.4 of the PPA

Predicted Net Heat Rate (P):	7,765 Btu/kWh
Actual Net Heat Rate (A):	7,322 Btu/kWh
Fuel Delivered	2,099,461 mmBtu <i>G1-2</i>
Purchased Cost of Fuel Delivered	\$ 5,089,868.87 <i>G1-1</i>
Price of Fuel (\$/mmBtu)	\$2.42437

If A > 1.0P:

$$\text{HRA} = \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [P/A])$$

If A < .97P:

$$\begin{aligned} \text{HRA} &= \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [(P \times 0.97)/A]) \times 0.50 \\ &= \text{\$73,071.19} \end{aligned}$$

If A <= 1.0P and A >= .97P:

$$\text{HRA} = \$0.00$$

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

GI

December-17	Harrington	Moore County	Nichols	Plant X	Tolk	Hobbs
Westex Purchases	\$ 59,870.04	\$ -	\$ 1,094,126.92	\$ 916,390.58	\$ 36,787.52	\$ -
Westex Demand/Penalty	\$ 11,331.79	\$ -	\$ 207,088.78	\$ 173,448.07	\$ 6,862.91	\$ -
Westex Transport	\$ 1,474.34	\$ -	\$ 26,943.53	\$ 22,866.67	\$ 905.92	\$ -
Westex Amherst Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Westex NNG Moore Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NGPL Imbalance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oasis Purchases	\$ -	\$ -	\$ 16,793.43	\$ -	\$ -	\$ -
Oasis Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oneok Westex Moore Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oneok Westex Moore Storage	\$ -	\$ -	\$ 218,868.81	\$ -	\$ -	\$ -
Oneok Westex Reeves Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oneok Westex Reeves Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oneok Texas Gas Storage Demand	\$ 2,555.45	\$ -	\$ 46,700.57	\$ 39,114.59	\$ 1,570.22	\$ -
Oneok Texas Gas Storage Demand	\$ 10,446.46	\$ -	\$ 189,609.42	\$ 158,896.88	\$ 6,818.81	\$ -
Oneok Lead Following Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oneok Lead Following Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reeves Imbalance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Westex Imbalance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Westex LP&L Purchases	\$ -	\$ -	\$ 116,256.16	\$ -	\$ -	\$ -
Westex LP&L Imbalance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIG Purchases	\$ -	\$ -	\$ 10,679.81	\$ -	\$ -	\$ -
CIG Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
El Paso Purchases	\$ -	\$ -	\$ 1,205,390.98	\$ -	\$ -	\$ 46,091.27
El Paso Transport	\$ 647.53	\$ -	\$ 11,833.57	\$ 98,528.02	\$ 397.88	\$ 292,200.87
El Paso Cashout	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (190,419.42)
NNG Transport	\$ -	\$ -	\$ 2,151.81	\$ 1,185.98	\$ 28.24	\$ 471,556.73
NNG Cashout	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pinnacle Cashout	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transwestern Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transwestern Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,244,930.46
Pinnacle Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 74,238.93
Pinnacle Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 461,648.53
Pinnacle Imbalance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 689,623.51
Powerflex Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Powerflex Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Powerflex Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Powerflex Imbalance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Powerflex Cashout	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Carlsbad Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Carlsbad Imbalance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Riverview Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Riverview Imbalance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ 86,373.20	\$ 2	\$ 1,942,353.20	\$ 2,616,521.86	\$ 53,072.69	\$ 5,099,868.87

December-17	Harrington	Moore County	Nichols	Plant X	Tolk	Hobbs
Total Purchases	\$ 59,870.04	\$ -	\$ 1,210,833.08	\$ 919,791.55	\$ 36,787.52	\$ 3,281,021.73
Total Transport	\$ 12,806.53	\$ -	\$ 276,493.33	\$ 255,728.74	\$ 8,295.94	\$ 647,575.10
Total Demand	\$ 2,555.45	\$ -	\$ 46,700.57	\$ 39,114.59	\$ 1,570.22	\$ -
Total Storage Activity	\$ 10,446.46	\$ -	\$ 409,778.22	\$ 159,896.98	\$ 6,418.91	\$ 6,418.91
Total	\$ 86,373.20	\$ 2	\$ 1,942,353.20	\$ 2,616,521.86	\$ 53,072.69	\$ 5,099,868.87

December-17	Harrington	Moore County	Nichols	Plant X	Tolk	Hobbs
Westex Purchases	17,813	-	325,534	272,652	10,945	-
Westex Amherst Purchases	-	-	-	-	-	-
Westex NNG Moore Purchases	-	-	-	-	-	-
NGPL Imbalance	-	-	-	-	-	-
Oasis Purchases	-	-	89,114	97,887	2,324	-
Oneok Lead Following Service	3,762	-	-	-	-	-
Oneok Westex Moore Purchases	-	-	-	-	-	-
Oneok Westex Moore Storage	-	-	86,650	-	-	-
Oneok Westex Reeves Purchases	-	-	-	-	-	-
Oneok Westex Reeves Storage	-	-	-	-	-	-
Reeves Imbalance	-	-	1,244	1,042	42	-
Westex Adjustment	88	-	-	-	-	-
Westex LP&L Purchases	-	-	-	-	-	-
Westex LP&L Imbalance	-	-	42,144	-	-	-
CIG Purchases	-	-	-	272,257	-	-
CIG Imbalance	-	-	-	-	-	(16,214)
El Paso Cashout	-	-	-	-	-	77,893
NNG Cashout	-	-	-	-	-	1,591,308
Pinnacle Cashout	-	-	-	-	-	273,306
Pinnacle Purchases	-	-	-	-	-	(9,050)
Pinnacle Imbalance	-	-	-	-	-	-
Powerflex Purchases	-	-	-	-	-	-
Powerflex Imbalance	-	-	-	-	-	-
Powerflex Cashout	-	-	-	-	-	-
Carlsbad Purchases	-	-	-	-	-	-
Riverview Purchases	-	-	-	-	-	-
Totals	21,663	2	524,086	603,838	13,311	2,099,481
Total Bums	21,663	2	524,086	603,838	13,311	2,099,481
Variance	19	20	21	22	23	32

December-17	Harrington	Moore County	Nichols	Plant X	Tolk	Hobbs
Purchase Volume	17,881	-	368,922	645,951	10,987	1,554,092
Cashout Volume	-	-	-	-	-	(974,880)
Storage Activity	3,782	-	165,164	57,887	2,324	173,346
Imbalance Activity	21,663	2	524,086	603,838	13,311	2,099,481
Total	21,663	2	524,086	603,838	13,311	2,099,481

30-1

Ga

DECEMBER 2017	Hobbs CEM	
	Mcf	MMBtu
1	50826.5	52206.7
2	75984.3	77404.3
3	46502.8	47310.3
4	47784.4	48542.1
5	87030.1	88537.1
6	67851.7	69102.9
7	82728.3	84615.7
8	66203.8	68373.0
9	76010.9	78732.4
10	73243.9	75514.7
11	63718.0	65556.6
12	81657.9	83586.0
13	71934.7	73799.3
14	85614.0	87719.7
15	33747.1	34649.8
16	21734.2	22269.7
17	79427.5	82652.3
18	69848.1	73330.8
19	82798.1	86513.6
20	25924.2	26805.3
21	12569.0	12834.7
22	79692.8	81349.8
23	66610.8	69823.0
24	74621.4	77796.9
25	72684.8	74825.4
26	81335.5	83591.5
27	82050.6	84320.7
28	72597.2	75602.5
29	60302.5	63184.1
30	67042.5	70229.3
31	76044.3	78681.0
Total:	2036121.9	2099461.2
		(1)

Lea Power Partners, LLC
Hobbs Turbine Starts
January 2018

	<u>Unit 1</u>	<u>Unit 2</u>	<u>Total</u>
Jan-01			
Jan-02			
Jan-03			
Jan-04			
Jan-05			
Jan-06			
Jan-07			
Jan-08			
Jan-09	-		
Jan-10		1	1
Jan-11			
Jan-12			
Jan-13			
Jan-14			
Jan-15		1	1
Jan-16	-		
Jan-17			
Jan-18			
Jan-19	-	-	
Jan-20			
Jan-21			
Jan-22	-		
Jan-23			
Jan-24			
Jan-25			
Jan-26		1	1
Jan-27			
Jan-28			
Jan-29			
Jan-30	1		1
Total	1	3	4
Current Month Starts Charged			0
Amount per Start			\$4,680
Total			\$0

Month	Starts Monthly	YTD
Jan-18	4	4
Feb-18		4
Mar-18		4
Apr-18		4
May-18		4
Jun-18		4
Jul-18		4
Aug-18		4
Sep-18		4
Oct-18		4
Nov-18		4
Dec-18		4
YTD Total	4	

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Note: SPS Commercial previously ran a report from the links below to confirm the starts that Lea is reporting, however per discussion with Jeanette Schuck on 12/28/16, these reports are often not complete and accurate and she does her own review as part of her approval process. As such, SPS will no longer run this report and will accrue based solely on the Lea Power file and billing will be based on Jeanette's approval.

SPS Commercial Operations Log
<http://cotools.xcelenergy.com/>
<http://cclcap03.xcelenergy.com:37080/opslog/jsp/OpsLog.jsp>
 (Saved Reports - Hobbs Start/Stop)

From:
Sent:
To:
Cc:
Subject:

Joann—As Jeanette mentioned, Net Capability is a defined term in the contract used for payment purposes. The 502 MW mentioned in the PPA is simply an expectation for the summer. It is not used for pricing purposes.

Mark

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Schmidt, Joann U
Sent: Thursday, September 10, 2015 1:58 PM
To: Baylor, Mark D
Cc: Morgan, Neal M
Subject: RE: Lea Power

Hi Mark

We are using the 604 MW, and I'm just curious why we're not using the 502MW since we're in a summer month. Can you explain?

thanks

Joann Schmidt
Xcel Energy | Responsible By Nature
Principal Financial Consultant
1800 Larimer St. 12th Floor, Denver, CO 80202
P: 303.571.2801
E: joann.u.schmidt@xcelenergy.com

From: Schuck, Jeanette R
Sent: Thursday, September 10, 2015 1:46 PM
To: Schmidt, Joann U; Baylor, Mark D
Cc: Morgan, Neal M
Subject: RE: Lea Power

Net Capability is a defined term of 604 MW. If you require additional explanation let Mark know as he took over the PPA from Price after COD.

Jeanette R. Schuck
Xcel Energy | Responsible By Nature
Purchased Power Analyst
1800 Larimer Street, Suite 1000, Denver, CO 80202

Mount, Helen M

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Tuesday, October 21, 2008 9:47 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Thanks Jeff, that clears everything up for us.

Tom Motley
713-751-8877 ext. 318

From: Hild, Jeffrey P [mailto:Jeff.Hild@xcelenergy.com]
Sent: Tuesday, October 21, 2008 9:04 AM
To: Tom Motley
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Tom,
As I indicated in my email below, and as I mentioned in my voice message to you, the capacity price is reduced from \$7.81 to \$7.21 because of adjustments provided for in Sections 5.1(B) and 5.6(A) of the PPA. Section 5.1(B) provides for an adjustment, up or down, associated with costs paid by LPP toward the Electrical Interconnection in excess of or less than \$2.7 million. I have attached a scanned copy of page 80 from the Large Generator Interconnection Agreement (part of Appendix A of the LOIA) which indicates an estimate of these costs of \$893,797, \$100,000 of which was already paid. I have also attached an email indicating payment was made of the remaining balance. Therefore, an adjustment is made to the capacity price of $-(0.0029(27-8.94)) = -\$0.0461$.

Similarly, Section 5.6(A) of the PPA provides for an adjustment, up or down, associated with costs paid by LPP toward the upstream connecting pipeline in excess of or less than \$2.476 million. Based on the gas interconnection and transportation agreements, LPP did not pay any costs on the upstream connecting pipeline - these costs are being paid by SPS through its gas transportation agreement. Therefore, an adjustment is made to the capacity price of $-(24.76*0.0023) = -\$0.0569$.

Put together these adjustments reduced the capacity price by \$0.103 which results in an adjusted capacity price of \$7.207/kW-month. Let me know if you have any questions on my calculations for these adjustments.

Roger Schnabel provided us with the back up meter data for the steam turbine, and I concur that there was 24,188 MWh generated from September 1 through September 16 HE 1. Although I did include this generation in my calculation of the September billing statement, I added the steam turbine generation, which was in MWh, to our meter data which was in kWh. This obviously discounted the generation data provided by Roger significantly (by a factor of 1000) compared to the SPS metered generation. I have corrected this and have attached a revised billing statement, now reflecting 74,570 MWh of Test Energy for the month of September. I apologize for the mistake and any confusion this may have created.

Let me know if you have questions on any of this. I will be in the office this morning and then out this afternoon but available by cell phone (720-273-5464). I will then be out of the office and unavailable starting tomorrow through the end of the month. I will address any questions that come up after today when I return on November 3. To ensure timely processing, please be sure to copy Helen Mount (copied on this email) when you send out the September invoice.
Thanks.

Jeff

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Saturday, October 18, 2008 5:26 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen

20081020

J

Hobbs Generating Station
PPA Tables

Commercial Operation Period	Capacity Price (\$/kW-month)
6/1/2008 - 4/30/2033	\$7.51

Table 0.3 Energy Tolling Price

Period	Contract Year		Tolling Price (\$/MWh)
	Begin	End	
1	6/1/2008	4/30/2009	\$1.76
2	6/1/2009	4/30/2010	\$1.79
3	6/1/2010	4/30/2011	\$1.83
4	6/1/2011	4/30/2012	\$1.87
5	6/1/2012	4/30/2013	\$1.92
6	6/1/2013	4/30/2014	\$1.96
7	6/1/2014	4/30/2015	\$2.01
8	6/1/2015	4/30/2016	\$2.05
9	6/1/2016	4/30/2017	\$2.10
10	6/1/2017	4/30/2018	\$2.15
11	6/1/2018	4/30/2019	\$2.20
12	6/1/2019	4/30/2020	\$2.25
13	6/1/2020	4/30/2021	\$2.30
14	6/1/2021	4/30/2022	\$2.35
15	6/1/2022	4/30/2023	\$2.41
16	6/1/2023	4/30/2024	\$2.46
17	6/1/2024	4/30/2025	\$2.52
18	6/1/2025	4/30/2026	\$2.58
19	6/1/2026	4/30/2027	\$2.64
20	6/1/2027	4/30/2028	\$2.70
21	6/1/2028	4/30/2029	\$2.76
22	6/1/2029	4/30/2030	\$2.82
23	6/1/2030	4/30/2031	\$2.89
24	6/1/2031	4/30/2032	\$2.95
25	6/1/2032	4/30/2033	\$3.02

Table 0.6 Facility Start Price

Period	Contract Year		<= 200 starts	> 200 starts
	Begin	End		
1	6/1/2008	4/30/2009	\$4,000	\$15,000
2	6/1/2009	4/30/2010	\$4,000	\$15,000
3	6/1/2010	4/30/2011	\$4,080	\$15,300
4	6/1/2011	4/30/2012	\$4,160	\$15,600
5	6/1/2012	4/30/2013	\$4,240	\$15,900
6	6/1/2013	4/30/2014	\$4,330	\$16,230
7	6/1/2014	4/30/2015	\$4,400	\$16,500
8	6/1/2015	4/30/2016	\$4,500	\$16,875
9	6/1/2016	4/30/2017	\$4,590	\$17,200
10	6/1/2017	4/30/2018	\$4,680	\$17,530
11	6/1/2018	4/30/2019	\$4,780	\$17,800
12	6/1/2019	4/30/2020	\$4,870	\$18,240
13	6/1/2020	4/30/2021	\$4,970	\$18,600
14	6/1/2021	4/30/2022	\$5,070	\$19,000
15	6/1/2022	4/30/2023	\$5,170	\$19,400
16	6/1/2023	4/30/2024	\$5,280	\$19,800
17	6/1/2024	4/30/2025	\$5,380	\$20,175
18	6/1/2025	4/30/2026	\$5,480	\$20,600
19	6/1/2026	4/30/2027	\$5,580	\$21,000
20	6/1/2027	4/30/2028	\$5,710	\$21,400
21	6/1/2028	4/30/2029	\$5,830	\$21,850
22	6/1/2029	4/30/2030	\$5,940	\$22,260
23	6/1/2030	4/30/2031	\$6,050	\$22,700
24	6/1/2031	4/30/2032	\$6,180	\$23,150
25	6/1/2032	4/30/2033	\$6,300	\$23,600

K

Interoffice Memo



DATE: December 4th, 2017
TO: Jeanette Schuck, Purchased Power Analyst
FROM: Angel Miranda, Performance Testing & Analysis
SUBJECT: Hobbs Generating Station 2017 Summer Testing

Hobbs Generating Station conducted heat rate and ramp rate testing on August 23rd, 2017. Plant personnel performed the tests while representatives from Xcel Energy observed the testing activities. The objective of the test was to determine facility Heat Rate and Ramp Availability Factor for comparison to the Purchased Power Agreement (PPA).

Heat Rate Test

The Average Corrected Net Heat Rate reported by Hobbs Generating Station is **7,322.2 Btu/kWh**, which is based on average of three (3) 1-hour runs. Each run was corrected to the reference conditions of 502 MW, 95.0°F dry bulb temperature, 20% relative humidity, and an atmospheric pressure of 12.835 psia. The predicted Net Heat Rate with degradation is **7,765.4 Btu/kWh**. During this year's test, the plant came across a problem with one of the chilled water circulating pumps. To account for this, the plant turned to Power Engineers to simulate the effects of the lower inlet temperature as well as the lower aux power consumption. They provided a new set of correction factors that may be used when a similar situation arises. Below is a comparison table of the results between Hobbs Generating Station and Performance Testing & Analysis:

	Run 1	Run 2	Run 3	Average
Corrected Net HR PTA Btu/kWh	7,322.60	7,324.12	7,319.95	7322.22
Corrected Net HR HGS Btu/kWh	7,322.56	7,324.13	7,319.92	7,322.21
% Difference	0.00%	0.00%	0.00%	0.00%

HGS: Hobbs Generating Station
 PTA: Performance Testing & Analysis

The average difference of 0.00% between calculations made by Lea Power and PTA is acceptable, and Performance Testing & Analysis agrees with these results.

Ramp Rate Test

Each ramp rate test is conducted with both duct burners and inlet chilling off, broken up into 4 segments as per the Power Purchase Agreement Exhibit A.

L

Lea Power Partners, LLC
Power Purchase Agreement Invoice
919 Milam Street, Suite 2300
Houston, Texas 77002

Date: March 12, 2018
Invoice: LEA0218

To: Southwestern Public Service Company
c/o Xcel Energy
1800 Larimer St, Floor 12
Denver, Colorado 80202
Phone: 303.294.2176
Attention: Kelsey Plank
Email: Kelsey.Hall@xcelenergy.com

Summary of Payment Calculation

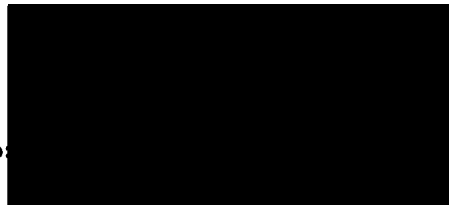
Sales: Feb-18

Capacity Payment	B1	\$ 4,067,800.62	(1)
Energy Payment	B3	\$ 729,436.84	(2)
Dispatchability Payment	B2	\$ 149,819.65	(3)
Heat Rate Adjustment Payment	B4	\$ 108,710.67	(4)
Turbine Start Payment	B5	\$ -	
Total Invoice:		<u>\$ 5,055,767.78</u>	(5)

Please Remit Payment By: March 29, 2018
IF PAYMENT IS NOT RECEIVED BY THE DUE DATE A LATE PAYMENT CHARGE
WILL BE APPLIED AS INDICATED BY THE CONTRACT TERMS

For questions regarding this invoice, please contact Jian Casey at 713.358.9749; Fax 713.358.9730

Payable To: Bank
ABA
Acct
Further Credit to
Ref



Southwestern Public Service Company

Lea Power Partners, LLC
Purchase Power Payment Calculation
February 2018

Actual 2018-02

General Information

Commercial Operation Date

September 16, 2008

Net Capability

604,000 kW (6)

Capacity Price

\$7.207 /kW-Month

Tolling Price

\$2.15 /MWh

Turbine Start Price

\$4,680.00 /Turb. Start

Test Energy Price

\$55.31 /MWh

Contract Energy

CI 339,273 MWh (7)

Test Energy

0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF
604,000	7.207	0.9345
I1	J1	D1

\$ 4,067,800.62 (1)

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF
604,000	0.25	0.9922

149,819.65 (2)

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh
339,273	\$2.15

729,436.84 (3)

Prior Month Heat Rate Adjustment

See HRA Sheet

1/1/2018

108,710.67 (4)

Turbine Starts

Payable Turb Starts	Price \$/Start
0	\$4,680.00
	K2

H1 - (5)

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total

\$ 5,055,767.78 (6)

Note: All support is in the following file path:

Southwestern Public Service Company
 Lea Power Partners
 2018-02 Lea Billing Final.xlsx

Lea Power Hobbs
 Summary of Meter Data
 February 2018

Turbine	Service Point ID	Recorder ID	Unit	IEE KWh	KWh Per LPP	Variance
77433T	0304127239E03	304127239000	HOBBSCTG1	103,136,204	103,007,776	128,428
77434T	0304127239E01	3041272390	HOBBSCTG2	102,723,604	102,652,032	71,572
77435T	0304127239E02	30412723900	HOBBSSTG3	133,413,138	133,809,024	(395,886)
				339,272,947	339,468,832	(195,885) *

①
 * Small variance is expected
 Bill based on SPS IEE Meter Volumes

0.06%

Capacity Availability Factor Calculation
February 2018

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9345	7.207	\$4,067,800.62

(1)

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
Feb-18	405,888	397,407	0	0.9791
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
Oct-17	449,376	255,106	185,450	0.9804
Sep-17	434,880	281,663	0	0.6477
Aug-17	449,376	401,151	7,973	0.9104
Jul-17	449,376	424,027	0	0.9436
Jun-17	434,880	413,394	0	0.9506
May-17	449,376	433,060	0	0.9637
Apr-17	434,880	417,351	0	0.9597
Mar-17	448,772	345,593	91,687	0.9744
12 Month Average	440,920	387,252	24,878	0.9344760975

D

**Dispatchability Availability Factor Calculation
February 2018**

Per Section 8.2 of the PPA

Net Capability (kW)	DAF	Rate (\$/kW-Mo)	Total
604,000	0.9922	0.25	\$149,819.65

(i)

DAF Calculation: (12 month Average Hours on-control/Hours on-line) X RAF= **0.99218314**

Note: RAF=1.00 per Section 2 of the Settlement Agreement dated 8/19/10 and results of 10/18/11 Ramp Rate Test Report.

12 Month Rolling Average Hours on-control/Hours on-line Calculation

Month	Hours on Line	Hours on Control	Avg Hrs on- control/Hrs on-line
Feb-18	672.0	672.0	1.0000
Jan-18	665.0	659.5	0.9917
Dec-17	679.0	677.3	0.9976
Nov-17	660.0	655.6	0.9933
Oct-17	439.0	430.9	0.9816
Sep-17	512.0	489.5	0.9561
Aug-17	737.0	735.7	0.9982
Jul-17	744.0	744.0	1.0000
Jun-17	720.0	720.0	1.0000
May-17	741.0	741.0	1.0000
Apr-17	708.0	703.7	0.9940
Mar-17	564.0	560.5	0.9937
12 Month Average	653.42	649.14	0.9922

E

Per Section 8.4 of the PPA

**Heat Rate Adjustment
(One Month Lag to Billing Month)**

Predicted Net Heat Rate (P):	7,765 Btu/kWh
Actual Net Heat Rate (A):	7,322 Btu/kWh
Fuel Delivered	2,021,687 mmBtu <i>G1-2</i>
Purchased Cost of Fuel Delivered	\$ 7,572,382.57 <i>G1-1</i>
Price of Fuel (\$/mmBtu)	\$3.74558

If A > 1.0P:

$$\text{HRA} = \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [P/A])$$

If A < .97P:

$$\begin{aligned} \text{HRA} &= \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [(P \times 0.97)/A]) \times 0.50 \\ &= \mathbf{-\$108,710.67} \end{aligned}$$

If A <= 1.0P and A >= .97P:

$$\text{HRA} = \$0.00$$

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

F

GI

Document Number	Fiscal Year	Posting Date	Document Date	Comp	Document Header Text	Account	GL Account Description	Order	Order Description	Reference Key 3	Text	Production Month	Final Amount in LC	Quantity	Base Unit of Measure	Paiked by	Reference
10031978	2018	2/27/2018	2/27/2018	0013	228721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	20000002989	SPS Tolling Plant Gas Costs - Hobbs - NM			1/1/2018	5,981,779.80	1,571,344.35	DTH	228721	12164303
10031978	2018	2/27/2018	2/27/2018	0013	228721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	20000002989	SPS Tolling Plant Gas Costs - Hobbs - NM			1/1/2018	1,072,245.76	403,853.93	DTH	228721	12164303
10031978	2018	2/27/2018	2/27/2018	0013	228721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	20000002989	SPS Tolling Plant Gas Costs - Hobbs - NM			1/1/2018	-63,971.57	(28,955.58)	DTH	228721	12164303

1/1/2018 7,572,382.57 2,021,687.00

②

①

G-8

JANUARY 2018	Hobbs CEM	
	Mcf	MMBtu
1	74483.2	77270.8
2	78229.4	81128.9
3	74719.0	76964.4
4	85532.1	88808.4
5	86142.4	89948.5
6	75960.7	80434.4
7	78701.3	82327.2
8	47751.4	49742.1
9	36114.3	37330.6
10	61889.4	63520.6
11	73508.2	75991.0
12	79022.3	81598.9
13	72742.3	75876.5
14	56060.1	58310.6
15	73575.2	75689.0
16	64711.7	66439.2
17	67037.3	68577.5
18	34002.7	34915.2
19	11066.9	11352.6
20	3.2	3.2
21	3526.8	3635.8
22	73688.6	75702.2
23	75686.6	77757.2
24	67287.7	68908.8
25	65567.6	67137.1
26	63545.0	65069.8
27	89321.9	91026.7
28	84313.1	86518.3
29	76749.2	78682.1
30	54289.9	55845.0
31	73407.0	75174.8
Total:	1958636.5	2021687.4
	9	10

5/12

①

	<u>Unit 1</u>	<u>Unit 2</u>	<u>Total</u>
Feb-01			
Feb-02			
Feb-03			
Feb-04			
Feb-05			
Feb-06			
Feb-07			
Feb-08			
Feb-09			
Feb-10			
Feb-11			
Feb-12			
Feb-13			
Feb-14			
Feb-15			
Feb-16			
Feb-17			
Feb-18			
Feb-19			
Feb-20			
Feb-21			
Feb-22			
Feb-23			
Feb-24			
Feb-25			
Feb-26			
Feb-27			
Feb-28			
Total	0	0	0
Current Month Starts Charged			0
Amount per Start			\$4,680
Total			\$0 (1)

Month	Starts Monthly	YTD
Jan-18	4	4
Feb-18	0	4
Mar-18		4
Apr-18		4
May-18		4
Jun-18		4
Jul-18		4
Aug-18		4
Sep-18		4
Oct-18		4
Nov-18		4
Dec-18		4
YTD Total	4	4

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

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SPS Commercial Operations Log

<http://cotools.xcelenergy.com/>
<http://cclcap03.xcelenergy.com:37080/opslog/isp/OpsLog.jsp>
(Saved Reports - Hobbs Start/Stop)

H

From:
Sent:
To:
Cc:
Subject:

Joann—As Jeanette mentioned, Net Capability is a defined term in the contract used for payment purposes. The 502 MW mentioned in the PPA is simply an expectation for the summer. It is not used for pricing purposes.

Mark

Mark Baylor
Xcel Energy | Responsible By Nature
Consultant, Structured Power
1800 Larimer Street, Suite 1000, Denver CO 80202
P: 303-571-7271
E: mark.d.baylor@xcelenergy.com

From: Schmidt, Joann U
Sent: Thursday, September 10, 2015 1:58 PM
To: Baylor, Mark D
Cc: Morgan, Neal M
Subject: RE: Lea Power

Hi Mark
We are using the 604 MW, and I'm just curious why we're not using the 502MW since we're in a summer month. Can you explain?

thanks

Joann Schmidt
Xcel Energy | Responsible By Nature
Principal Financial Consultant
1800 Larimer St. 12th Floor, Denver, CO 80202
P: 303,571,2801
E: joann.u.schmidt@xcelenergy.com

From: Schuck, Jeanette R
Sent: Thursday, September 10, 2015 1:46 PM
To: Schmidt, Joann U; Baylor, Mark D
Cc: Morgan, Neal M
Subject: RE: Lea Power

Net Capability is a defined term of 604 MW. If you require additional explanation let Mark know as he took over the PPA from Price after COD.

Jeanette R. Schuck
Xcel Energy | Responsible By Nature
Purchased Power Analyst
1800 Larimer Street, Suite 1000, Denver, CO 80202

Mount, Helen M.

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Tuesday, October 21, 2008 9:47 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Thanks Jeff, that clears everything up for us.

Tom Motley
713-751-8877 ext. 316

From: Hild, Jeffrey P [mailto:jeff.hild@xcelenergy.com]
Sent: Tuesday, October 21, 2008 9:04 AM
To: Tom Motley
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Tom,
As I indicated in my email below, and as I mentioned in my voice message to you, the capacity price is reduced from \$7.31 to \$7.21 because of adjustments provided for in Sections 5.1(B) and 5.6(A) of the PPA. Section 5.1(B) provides for an adjustment, up or down, associated with costs paid by LPP toward the Electrical Interconnection in excess of or less than \$2.7 million. I have attached a scanned copy of page 80 from the Large Generator Interconnection Agreement (part of Appendix A of the LOIA) which indicates an estimate of these costs of \$689,797, \$100,000 of which was already paid. I have also attached an email indicating payment was made of the remaining balance. Therefore, an adjustment is made to the capacity price of $=(0.0029)(27.8.94) = -\$0.0461$.

Similarly, Section 5.6(A) of the PPA provides for an adjustment, up or down, associated with costs paid by LPP toward the upstream connecting pipeline in excess of or less than \$2.478 million. Based on the gas interconnection and transportation agreements, LPP did not pay any costs on the upstream connecting pipeline - these costs are being paid by SPS through its gas transportation agreement. Therefore, an adjustment is made to the capacity price of $=(24.76)(0.0028) = -\$0.0668$.

Put together these adjustments reduced the capacity price by \$0.103 which results in an adjusted capacity price of \$7.207/kW-month. Let me know if you have any questions on my calculations for these adjustments.

Roger Sohnabel provided us with the back up meter data for the steam turbine, and I concur that there was 24,188 MWh generated from September 1 through September 16 HE 1. Although I did include this generation in my calculation of the September billing statement, I added the steam turbine generation, which was in MWh, to our meter data which was in kWh. This obviously discounted the generation data provided by Roger significantly (by a factor of 1000) compared to the SPS metered generation. I have corrected this and have attached a revised billing statement, now reflecting 74,670 MWh of Test Energy for the month of September. I apologize for the mistake and any confusion this may have created.

Let me know if you have questions on any of this. I will be in the office this morning and then out this afternoon but available by cell phone (720-273-6484). I will then be out of the office and unavailable starting tomorrow through the end of the month. I will address any questions that come up after today when I return on November 3. To ensure timely processing, please be sure to copy Helen Mount (copied on this email) when you send out the September invoice.
Thanks.

Jeff

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Saturday, October 18, 2008 5:26 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen

7/20/2000

J

Hobbs Generating Station
PPA Tables

Commercial Operation Period	Capacity Price (\$/MWh/yr)
6/1/2008 - 4/30/2033	\$7.20

Table 0.3 Energy Tolling Price

Period	Contract Year		Tolling Price (\$/MWh)
	Begin	End	
1	6/1/2008	4/30/2009	\$1.76
2	6/1/2009	4/30/2010	\$1.79
3	6/1/2010	4/30/2011	\$1.83
4	6/1/2011	4/30/2012	\$1.87
5	6/1/2012	4/30/2013	\$1.92
6	6/1/2013	4/30/2014	\$1.98
7	6/1/2014	4/30/2015	\$2.01
8	6/1/2015	4/30/2016	\$2.05
9	6/1/2016	4/30/2017	\$2.10
10	6/1/2017	4/30/2018	\$2.15
11	6/1/2018	4/30/2019	\$2.20
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13	6/1/2020	4/30/2021	\$2.30
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15	6/1/2022	4/30/2023	\$2.41
16	6/1/2023	4/30/2024	\$2.46
17	6/1/2024	4/30/2025	\$2.52
18	6/1/2025	4/30/2026	\$2.58
19	6/1/2026	4/30/2027	\$2.64
20	6/1/2027	4/30/2028	\$2.70
21	6/1/2028	4/30/2029	\$2.76
22	6/1/2029	4/30/2030	\$2.82
23	6/1/2030	4/30/2031	\$2.88
24	6/1/2031	4/30/2032	\$2.95
25	6/1/2032	4/30/2033	\$3.02

Table 0.6 Facility Start Price

Period	Contract Year		<= 200 starts	> 200 starts
	Begin	End		
1	6/1/2008	4/30/2009	\$4,000	\$16,000
2	6/1/2009	4/30/2010	\$4,000	\$16,300
3	6/1/2010	4/30/2011	\$4,080	\$16,300
4	6/1/2011	4/30/2012	\$4,180	\$16,800
5	6/1/2012	4/30/2013	\$4,240	\$16,800
6	6/1/2013	4/30/2014	\$4,330	\$16,330
7	6/1/2014	4/30/2015	\$4,400	\$16,500
8	6/1/2015	4/30/2016	\$4,500	\$16,876
9	6/1/2016	4/30/2017	\$4,580	\$17,200
10	6/1/2017	4/30/2018	\$4,680	\$17,530
11	6/1/2018	4/30/2019	\$4,780	\$17,800
12	6/1/2019	4/30/2020	\$4,870	\$18,240
13	6/1/2020	4/30/2021	\$4,970	\$18,600
14	6/1/2021	4/30/2022	\$5,070	\$19,000
15	6/1/2022	4/30/2023	\$5,170	\$19,400
16	6/1/2023	4/30/2024	\$5,280	\$19,800
17	6/1/2024	4/30/2025	\$5,380	\$20,176
18	6/1/2025	4/30/2026	\$5,480	\$20,600
19	6/1/2026	4/30/2027	\$5,580	\$21,000
20	6/1/2027	4/30/2028	\$5,710	\$21,400
21	6/1/2028	4/30/2029	\$5,830	\$21,850
22	6/1/2029	4/30/2030	\$5,940	\$22,200
23	6/1/2030	4/30/2031	\$6,060	\$22,700
24	6/1/2031	4/30/2032	\$6,180	\$23,160
25	6/1/2032	4/30/2033	\$6,300	\$23,600

K

Interoffice Memo



DATE: December 4th, 2017
TO: Jeanette Schuck, Purchased Power Analyst
FROM: Angel Miranda, Performance Testing & Analysis
SUBJECT: Hobbs Generating Station 2017 Summer Testing

Hobbs Generating Station conducted heat rate and ramp rate testing on August 23rd, 2017. Plant personnel performed the tests while representatives from Xcel Energy observed the testing activities. The objective of the test was to determine facility Heat Rate and Ramp Availability Factor for comparison to the Purchased Power Agreement (PPA).

Heat Rate Test

The Average Corrected Net Heat Rate reported by Hobbs Generating Station is 7,322.2 Btu/kWh, which is based on average of three (3) 1-hour runs. Each run was corrected to the reference conditions of 502 MW, 95.0°F dry bulb temperature, 20% relative humidity, and an atmospheric pressure of 12.835 psia. The predicted Net Heat Rate with degradation is 7,765.4 Btu/kWh. During this year's test, the plant came across a problem with one of the chilled water circulating pumps. To account for this, the plant turned to Power Engineers to simulate the effects of the lower inlet temperature as well as the lower aux power consumption. They provided a new set of correction factors that may be used when a similar situation arises. Below is a comparison table of the results between Hobbs Generating Station and Performance Testing & Analysis:

	Run 1	Run 2	Run 3	Average
Hobbs Generating Station	7,322.60	7,324.12	7,319.95	7322.22
Performance Testing & Analysis	7,322.56	7,324.13	7,319.92	7,322.21
Difference	0.00%	0.00%	0.00%	0.00%

HGS: Hobbs Generating Station
PTA: Performance Testing & Analysis

The average difference of 0.00% between calculations made by Lea Power and PTA is acceptable, and Performance Testing & Analysis agrees with these results.

Ramp Rate Test

Each ramp rate test is conducted with both duct burners and inlet chilling off, broken up into 4 segments as per the Power Purchase Agreement Exhibit A.

L

Lea Power Partners, LLC
Power Purchase Agreement Invoice
919 Milam Street, Suite 2300
Houston, Texas 77002

Date: **April 10, 2018**
Invoice: **LEA0318**

To: **Southwestern Public Service Company**
c/o Xcel Energy
1800 Larimer St, Floor 12
Denver, Colorado 80202
Phone: 303.294.2176
Attention: Kelsey Plank
Email: Kelsey.Hall@xcelenergy.com

Summary of Payment Calculation

Sales: **Mar-18**

Capacity Payment	B1	\$	4,066,841.28	①
Energy Payment	B3	\$	737,627.93	②
Dispatchability Payment	B2	\$	149,898.41	③
Heat Rate Adjustment Payment		\$	141,804.81	④
Turbine Start Payment		\$	-	
Total Invoice:		<u>\$</u>	<u>5,096,172.43</u>	

Please Remit Payment By: April 27, 2018

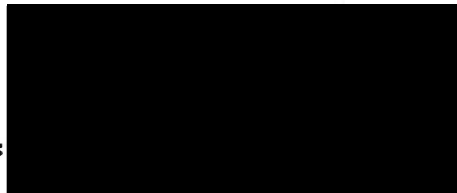
**IF PAYMENT IS NOT RECEIVED BY THE DUE DATE A LATE PAYMENT CHARGE
WILL BE APPLIED AS INDICATED BY THE CONTRACT TERMS**

For questions regarding this invoice, please contact Jian Casey at 713.358.9749; Fax 713.358.9730

Payable To: Bank

ABA
Acct

Further Credit to:
Ref



Southwestern Public Service Company

**Lea Power Partners, LLC
Purchase Power Payment Calculation
March 2018**

Actual 2018-03

General Information

Commercial Operation Date

September 16, 2008

Net Capability

(13) 604,000 kW I1

Capacity Price

\$7.207 /kW-Month J1

Tolling Price

\$2.15 /MWh K1

Turbine Start Price

\$4,680.00 /Turb. Start

Test Energy Price

\$55.31 /MWh

Contract Energy

(14) 343,083 MWh C1

Test Energy

0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF	
604,000	7.207 ✓	0.9343	\$ 4,066,841.28 (1)

D1

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF	
604,000	0.25 ✓	0.9927	149,898.41 (2)

E1

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh	
343,083	\$2.15 ✓	737,627.93 (3)

Prior Month Heat Rate Adjustment

See HRA Sheet	2/1/2018 ✓	97,204.85 (4)
Prior Prd Correction: Hobbs volumes	12/1/2017	15,500.40 (5)
Prior Prd Correction: Hobbs volumes	11/1/2017	468.15 (6)
Prior Prd Correction: Hobbs volumes	10/1/2017	(3,190.21) (7)
Prior Prd Correction: Hobbs volumes	9/1/2017	1,057.86 (8)
Prior Prd Correction: Hobbs volumes	8/1/2017	23,035.11 (9)
Prior Prd Correction: Hobbs volumes	7/1/2017	7,757.62 (10)
Prior Prd Correction: Hobbs volumes	3/1/2017	(28.97) (11)

FI
DAF
C1
N1
M1

Turbine Starts

Payable Turb Starts	Price \$/Start
H1 0	\$4,680.00 K2

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total

\$ 5,096,172.43 (12)

Note: All support is in the following file path:

B

Southwestern Public Service Company
 Lea Power Partners
 2018-03 Lea Billing Final.xlsx

Lea Power Hobbs
 Summary of Meter Data
 March 2018

Turbine	Service Point ID	Recorder ID	Unit	IEE KWh	KWh Per LPP	Variance
77433T	0304127239E03	304127239000	HOBBSCTG1	104,115,443	104,719,552	(604,109)
77434T	0304127239E01	3041272390	HOBBSCTG2	103,765,904	103,498,304	267,600
77435T	0304127239E02	30412723900	HOBBSSTG3	135,201,411	134,996,352	205,059
				343,082,757	343,214,208	(131,451) *
						0.04%

* Small variance is expected
 Bill based on SPS IEE Meter Volumes

**Capacity Availability Factor Calculation
March 2018**

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9343	7.207	\$4,066,841.28

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
Mar-18	448,772	436,093	0	0.9717
Feb-18	405,888	397,407	0	0.9791
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
Oct-17	449,376	255,106	185,450	0.9804
Sep-17	434,880	281,663	0	0.6477
Aug-17	449,376	401,151	7,973	0.9104
Jul-17	449,376	424,027	0	0.9436
Jun-17	434,880	413,394	0	0.9506
May-17	449,376	433,060	0	0.9637
Apr-17	434,880	417,351	0	0.9597
12 Month Average	440,920	394,794	17,237	0.9342557131

B

**Dispatchability Availability Factor Calculation
March 2018**

Per Section 8.2 of the PPA

Net Capability (kW)	DAF	Rate (\$/kW-Mo)	Total
604,000	0.9927	0.25	\$149,898.41



DAF Calculation: (12 month Average Hours on-control/Hours on-line) X RAF= **0.99270471**

Note: RAF=1.00 per Section 2 of the Settlement Agreement dated 8/19/10 and results of 10/18/11 Ramp Rate Test Report.

12 Month Rolling Average Hours on-control/Hours on-line Calculation

Month	Hours on Line	Hours on Control	Avg Hrs on- control/Hrs on-line
Mar-18	743.0	743.0	1.0000
Feb-18	672.0	672.0	1.0000
Jan-18	665.0	659.5	0.9917
Dec-17	679.0	677.3	0.9976
Nov-17	660.0	655.6	0.9933
Oct-17	439.0	430.9	0.9816
Sep-17	512.0	489.5	0.9561
Aug-17	737.0	735.7	0.9982
Jul-17	744.0	744.0	1.0000
Jun-17	720.0	720.0	1.0000
May-17	741.0	741.0	1.0000
Apr-17	708.0	703.7	0.9940
12 Month Average	668.33	664.36	0.9927

E

Per Section 8.4 of the PPA

**Heat Rate Adjustment
(One Month Lag to Billing Month)**

Predicted Net Heat Rate (P):	7,765 Btu/kWh <i>U2</i>
Actual Net Heat Rate (A):	7,322 Btu/kWh <i>U1</i>
Fuel Delivered	<i>2</i> 2,452,465 mmBtu <i>G1</i>
Purchased Cost of Fuel Delivered	\$ <i>3</i> 6,770,929.70 <i>G2</i>
Price of Fuel (\$/mmBtu)	\$2.76087

If A > 1.0P:

$$\text{HRA} = \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [P/A])$$

If A < .97P:

$$\begin{aligned} \text{HRA} &= \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [(P \times 0.97)/A]) \times 0.50 \\ &= \text{-\$97,204.85} \end{aligned}$$

If A <= 1.0P and A >= .97P:

$$\text{HRA} = \$0.00$$

NOTE: LPP Heat Test Report dated August 23, 2017 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

F

5

Document Number	Docu ment Type	Fiscal Year	Posting Date	Document Date	Comp Document Header Text	Account	GL Account Description	Order	Order Description	Referen ce Key 3	Text	Production Mnt Postl Amount in LC	Quantity	Base Unit of Meas ure	Paiked by	Reference
10052416	SA	2018	3/28/2018	3/28/2018	0013 226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBS Toll Purchases		5,207,995.67	2,163,286.03	DTH	226721	12164303
10052416	SA	2018	3/28/2018	3/28/2018	0013 226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBS Toll Transport		815,710.49	14,413.00	DTH	226721	12164303
10052416	SA	2018	3/28/2018	3/28/2018	0013 226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBS Toll Storage		840,637.77	316,234.82	DTH	226721	12164303
10052416	SA	2018	3/28/2018	3/28/2018	0013 226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBS Toll Imbalance		-95,414.23	(41,471.36)	DTH	226721	12164303

FR 2/1/2018 6,770,929.70 2,452,465.00
 FB 2/1/2018 2,452,465.00

	<u>Unit 1</u>	<u>Unit 2</u>	<u>Total</u>
Mar-01			
Mar-02			
Mar-03			
Mar-04			
Mar-05			
Mar-06			
Mar-07			
Mar-08			
Mar-09			
Mar-10			
Mar-11			
Mar-12			
Mar-13			
Mar-14			
Mar-15			
Mar-16			
Mar-17			
Mar-18			
Mar-19			
Mar-20			
Mar-21			
Mar-22			
Mar-23			
Mar-24			
Mar-25			
Mar-26			
Mar-27			
Mar-28			
Mar-29			
Mar-30			
Mar-31			
Total	0	0	0
Current Month Starts Charged			0
Amount per Start			\$4,680
Total			\$0

	Starts	
Month	Monthly	YTD
Jan-18	4	4
Feb-18	0	4
Mar-18	0	4
Apr-18		4
May-18		4
Jun-18		4
Jul-18		4
Aug-18		4
Sep-18		4
Oct-18		4
Nov-18		4
Dec-18		4
YTD Total	4	

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Note: SPS Commercial previously ran a report from the links below to confirm the starts that Lea is reporting, however per discussion with Jeanette Schuck on 12/28/16, these reports are often not complete and accurate and she does her own review as part of her approval process. As such, SPS will no longer run this report and will accrue based solely on the Lea Power file and billing will be based on Jeanette's approval.

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CB

J

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6	5/1/2013	4/30/2014	\$1.96
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10	5/1/2017	4/30/2018	\$2.15
11	5/1/2018	4/30/2019	\$2.20
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13	5/1/2020	4/30/2021	\$2.30
14	5/1/2021	4/30/2022	\$2.35
15	5/1/2022	4/30/2023	\$2.41
16	5/1/2023	4/30/2024	\$2.46
17	5/1/2024	4/30/2025	\$2.52
18	5/1/2025	4/30/2026	\$2.58
19	5/1/2026	4/30/2027	\$2.64
20	5/1/2027	4/30/2028	\$2.70
21	5/1/2028	4/30/2029	\$2.76
22	5/1/2029	4/30/2030	\$2.82
23	5/1/2030	4/30/2031	\$2.89
24	5/1/2031	4/30/2032	\$2.95
25	5/1/2032	4/30/2033	\$3.02

Period	Contract Year		<= 200 starts	> 200 starts
	Begin	End		
1	6/1/2008	4/30/2009	\$4,000	\$15,000
2	5/1/2009	4/30/2010	\$4,000	\$15,000
3	5/1/2010	4/30/2011	\$4,080	\$15,300
4	5/1/2011	4/30/2012	\$4,160	\$15,600
5	5/1/2012	4/30/2013	\$4,240	\$15,900
6	5/1/2013	4/30/2014	\$4,330	\$16,230
7	5/1/2014	4/30/2015	\$4,400	\$16,500
8	5/1/2015	4/30/2016	\$4,500	\$16,875
9	5/1/2016	4/30/2017	\$4,590	\$17,200
10	5/1/2017	4/30/2018	\$4,680	\$17,530
11	5/1/2018	4/30/2019	\$4,780	\$17,900
12	5/1/2019	4/30/2020	\$4,870	\$18,240
13	5/1/2020	4/30/2021	\$4,970	\$18,600
14	5/1/2021	4/30/2022	\$5,070	\$19,000
15	5/1/2022	4/30/2023	\$5,170	\$19,400
16	5/1/2023	4/30/2024	\$5,280	\$19,800
17	5/1/2024	4/30/2025	\$5,380	\$20,175
18	5/1/2025	4/30/2026	\$5,490	\$20,600
19	5/1/2026	4/30/2027	\$5,600	\$21,000
20	5/1/2027	4/30/2028	\$5,710	\$21,400
21	5/1/2028	4/30/2029	\$5,830	\$21,850
22	5/1/2029	4/30/2030	\$5,940	\$22,260
23	5/1/2030	4/30/2031	\$6,060	\$22,700
24	5/1/2031	4/30/2032	\$6,180	\$23,150
25	5/1/2032	4/30/2033	\$6,300	\$23,600

A. K.
17

Interoffice Memo



DATE: December 4th, 2017
TO: Jeanette Schuck, Purchased Power Analyst
FROM: Angel Miranda, Performance Testing & Analysis
SUBJECT: Hobbs Generating Station 2017 Summer Testing

Hobbs Generating Station conducted heat rate and ramp rate testing on August 23rd, 2017. Plant personnel performed the tests while representatives from Xcel Energy observed the testing activities. The objective of the test was to determine facility Heat Rate and Ramp Availability Factor for comparison to the Purchased Power Agreement (PPA).

Heat Rate Test

The Average Corrected Net Heat Rate reported by Hobbs Generating Station is 7,322.2 Btu/kWh, which is based on average of three (3) 1-hour runs. Each run was corrected to the reference conditions of 502 MW, 95.0°F dry bulb temperature, 20% relative humidity, and an atmospheric pressure of 12.835 psia. The predicted Net Heat Rate with degradation is 7,765.4 Btu/kWh. During this year's test, the plant came across a problem with one of the chilled water circulating pumps. To account for this, the plant turned to Power Engineers to simulate the effects of the lower inlet temperature as well as the lower aux power consumption. They provided a new set of correction factors that may be used when a similar situation arises. Below is a comparison table of the results between Hobbs Generating Station and Performance Testing & Analysis:

	Run 1	Run 2	Run 3	Average
Calculated Net Heat Rate	7,322.60	7,324.12	7,319.95	7,322.22
Corrected Net Heat Rate	7,322.56	7,324.13	7,319.92	7,322.21
% Difference	0.00%	0.00%	0.00%	0.00%

HGS: Hobbs Generating Station
PTA: Performance Testing & Analysis

The average difference of 0.00% between calculations made by Lea Power and PTA is acceptable, and Performance Testing & Analysis agrees with these results.

Ramp Rate Test

Each ramp rate test is conducted with both duct burners and inlet chilling off, broken up into 4 segments as per the Power Purchase Agreement Exhibit A.

MAR 2017

M

Heat Rate Adjustment (One Month Lag to Billing Month)	Corrected Amount	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):	7,728 Btu/kWh	
Actual Net Heat Rate (A):	7,259 Btu/kWh	
Fuel Delivered	1,580,443 mmBtu	
Purchased Cost of Fuel Delivered	\$ 4,915,825.35	
Price of Fuel (\$/mmBtu)	\$3.11041	
If A > 1.0P: HRA = Fuel Delivered x Price of Fuel x (1-[P/A])		
If A < .97P: HRA = Fuel Delivered x Price of Fuel x (1-[P x 0.97/A]) x 0.50 = -\$80,372.80		
If A <= 1.0P and A >= .97P: HRA = \$0.00		
NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck		

Correction on Mar 2018 Invoice:
\$28.97 due to Xcel

Heat Rate Adjustment (One Month Lag to Billing Month)	Previously Invoiced	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):	7,728 Btu/kWh	
Actual Net Heat Rate (A):	7,259 Btu/kWh	
Fuel Delivered	1,581,877 mmBtu	
Purchased Cost of Fuel Delivered	\$ 4,917,596.66	
Price of Fuel (\$/mmBtu)	\$3.10871	
If A > 1.0P: HRA = Fuel Delivered x Price of Fuel x (1-[P/A])		
If A < .97P: HRA = Fuel Delivered x Price of Fuel x (1-[P x 0.97/A]) x 0.50 = -\$80,401.77		
If A <= 1.0P and A >= .97P: HRA = \$0.00		
NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck		

Check to Ledger:
\$0.00

JUL 2017

Heat Rate Adjustment (One Month Lag to Billing Month)	Corrected Amount	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):		7,728 Btu/kWh
Actual Net Heat Rate (A):		7,259 Btu/kWh
Fuel Delivered	2,449,408	mmBtu
Purchased Cost of Fuel Delivered	\$ 7,680,774.69	
Price of Fuel (\$/mmBtu)	\$3.13577	
If A > 1.0P:	HRA = Fuel Delivered x Price of Fuel x (1-[P/A])	
If A < .97P:	HRA = Fuel Delivered x Price of Fuel x (1-[(P x 0.97)/A]) x 0.50	
	=	-\$125,579.19
If A <= 1.0P and A >= .97P:	HRA = \$0.00	

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Correction on Mar 2018 Invoice:
 -\$1,757.62 due from Xcel
 ①

Heat Rate Adjustment (One Month Lag to Billing Month)	Previously Invoiced	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):		7,728 Btu/kWh
Actual Net Heat Rate (A):		7,259 Btu/kWh
Fuel Delivered	2,155,965	mmBtu
Purchased Cost of Fuel Delivered	\$ 7,206,295.14	
Price of Fuel (\$/mmBtu)	\$3.34249	
If A > 1.0P:	HRA = Fuel Delivered x Price of Fuel x (1-[P/A])	
If A < .97P:	HRA = Fuel Delivered x Price of Fuel x (1-[(P x 0.97)/A]) x 0.50	
	=	-\$117,821.57
If A <= 1.0P and A >= .97P:	HRA = \$0.00	

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Check to Ledger:
 \$0.00

AUG 2017

0

Heat Rate Adjustment (One Month Lag to Billing Month)	Corrected Amount	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):		7,728 Btu/kWh
Actual Net Heat Rate (A):		7,259 Btu/kWh
Fuel Delivered	2,153,567	mmBtu
Purchased Cost of Fuel Delivered	\$ 6,814,908.53	
Price of Fuel (\$/mmBtu)	\$3.16448	
If A > 1.0P:	HRA = Fuel Delivered x Price of Fuel x (1-[P/A])	
If A < .97P:	HRA = Fuel Delivered x Price of Fuel x (1-[P x 0.97]/A) x 0.50	
If A <= 1.0P and A >= .97P:	HRA = \$0.00	

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Correction on Mar 2018 Invoice:
 -\$23,035.11 due from Xcel

Heat Rate Adjustment (One Month Lag to Billing Month)	Previously Invoiced	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):		7,728 Btu/kWh
Actual Net Heat Rate (A):		7,259 Btu/kWh
Fuel Delivered	1,264,796	mmBtu
Purchased Cost of Fuel Delivered	\$ 5,406,017.88	
Price of Fuel (\$/mmBtu)	\$4.27422	
If A > 1.0P:	HRA = Fuel Delivered x Price of Fuel x (1-[P/A])	
If A < .97P:	HRA = Fuel Delivered x Price of Fuel x (1-[P x 0.97]/A) x 0.50	
If A <= 1.0P and A >= .97P:	HRA = \$0.00	

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Check to Ledger:
 \$0.00

SEP 2017

Heat Rate Adjustment (One Month Lag to Billing Month)	Corrected Amount	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):		7,765 Btu/kWh
Actual Net Heat Rate (A):		7,322 Btu/kWh
Fuel Delivered	1,435,605	mmBtu
Purchased Cost of Fuel Delivered	\$ 5,094,661.64	
Price of Fuel (\$/mmBtu)	\$3.54879	
If A > 1.0P: HRA = Fuel Delivered x Price of Fuel x (1-[P/A])		
If A < .97P: HRA = Fuel Delivered x Price of Fuel x (1-[(P x 0.97)/A]) x 0.50 = -\$73,076.59		
If A <= 1.0P and A >= .97P: HRA = \$0.00		

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Correction on Mar 2018 Invoice:
-\$1,057.86 due from Xcel
①

8/23/17
* HR test changed actual & predicted

Heat Rate Adjustment (One Month Lag to Billing Month)	Previously Invoiced	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):		7,765 Btu/kWh
Actual Net Heat Rate (A):		7,322 Btu/kWh
Fuel Delivered	1,390,420	mmBtu
Purchased Cost of Fuel Delivered	\$ 5,016,557.53	
Price of Fuel (\$/mmBtu)	\$3.60794	
If A > 1.0P: HRA = Fuel Delivered x Price of Fuel x (1-[P/A])		
If A < .97P: HRA = Fuel Delivered x Price of Fuel x (1-[(P x 0.97)/A]) x 0.50 = -\$72,018.73		
If A <= 1.0P and A >= .97P: HRA = \$0.00		

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Check to Ledger: \$0.00

OCT 2017

Q

Heat Rate Adjustment (One Month Lag to Billing Month)	Corrected Amount	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):		7,765 Btu/kWh
Actual Net Heat Rate (A):		7,322 Btu/kWh
Fuel Delivered	1,357,243	mmBtu
Purchased Cost of Fuel Delivered	\$ 4,095,231.90	
Price of Fuel (\$/mmBtu)	\$3.01732	
If A > 1.0P: HRA = Fuel Delivered x Price of Fuel x (1-[P/A]) If A < .97P: HRA = Fuel Delivered x Price of Fuel x (1-[(P x 0.97)/A]) x 0.50 = -\$8,741.02 If A <= 1.0P and A >= .97P: HRA = \$0.00		

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Correction on Mar 2018 invoice:
 \$3,190.21 due to Xcel

Heat Rate Adjustment (One Month Lag to Billing Month)	Previously Invoiced	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):		7,765 Btu/kWh
Actual Net Heat Rate (A):		7,322 Btu/kWh
Fuel Delivered	1,494,427	mmBtu
Purchased Cost of Fuel Delivered	\$ 4,313,899.61	
Price of Fuel (\$/mmBtu)	\$2.88666	
If A > 1.0P: HRA = Fuel Delivered x Price of Fuel x (1-[P/A]) If A < .97P: HRA = Fuel Delivered x Price of Fuel x (1-[(P x 0.97)/A]) x 0.50 = -\$61,931.23 If A <= 1.0P and A >= .97P: HRA = \$0.00		

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Check to Ledger:
 \$0.00

NOV 2017

R

Heat Rate Adjustment (One Month Lag to Billing Month)	Corrected Amount	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):		7,765 Btu/kWh
Actual Net Heat Rate (A):		7,322 Btu/kWh
Fuel Delivered	1,890,489	mmBtu
Purchased Cost of Fuel Delivered	\$ 5,629,176.33	
Price of Fuel (\$/mmBtu)	\$2.97763	
If A > 1.0P: HRA = Fuel Delivered x Price of Fuel x (1-[P/A])		
If A < .97P: HRA = Fuel Delivered x Price of Fuel x (1-[(P x 0.97)/A]) x 0.50		
= -\$80,743.53		
If A <= 1.0P and A >= .97P: HRA = \$0.00		

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Correction on Mar 2018 Invoice:
 -\$468.15 due from Xcel
 ①

Heat Rate Adjustment (One Month Lag to Billing Month)	Previously Invoiced	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):		7,765 Btu/kWh
Actual Net Heat Rate (A):		7,322 Btu/kWh
Fuel Delivered	1,843,145	mmBtu
Purchased Cost of Fuel Delivered	\$ 5,591,685.47	
Price of Fuel (\$/mmBtu)	\$3.03377	
If A > 1.0P: HRA = Fuel Delivered x Price of Fuel x (1-[P/A])		
If A < .97P: HRA = Fuel Delivered x Price of Fuel x (1-[(P x 0.97)/A]) x 0.50		
= -\$80,275.38		
If A <= 1.0P and A >= .97P: HRA = \$0.00		

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Check to Ledger:
 \$0.00

DEC 2017

Heat Rate Adjustment (One Month Lag to Billing Month)	Corrected Amount	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):		7,765 Btu/kWh
Actual Net Heat Rate (A):		7,322 Btu/kWh
Fuel Delivered	2,099,461	mmBtu
Purchased Cost of Fuel Delivered	\$ 6,174,921.75	
Price of Fuel (\$/mmBtu)	\$2.94119	
If A > 1.0P: HRA = Fuel Delivered x Price of Fuel x (1-[P/A])		
If A < .97P: HRA = Fuel Delivered x Price of Fuel x (1-[(P x 0.97)/A]) x 0.50 = -\$88,571.59		
If A <= 1.0P and A >= .97P: HRA = \$0.00		

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Correction on Mar 2018 invoice:
-\$15,500.40 due from Xcel
①

Heat Rate Adjustment (One Month Lag to Billing Month)	Previously Invoiced	Per Section 8.4 of the PPA
Predicted Net Heat Rate (P):		7,765 Btu/kWh
Actual Net Heat Rate (A):		7,322 Btu/kWh
Fuel Delivered	2,099,461	mmBtu
Purchased Cost of Fuel Delivered	\$ 5,089,868.87	
Price of Fuel (\$/mmBtu)	\$2.42437	
If A > 1.0P: HRA = Fuel Delivered x Price of Fuel x (1-[P/A])		
If A < .97P: HRA = Fuel Delivered x Price of Fuel x (1-[(P x 0.97)/A]) x 0.50 = -\$73,071.19		
If A <= 1.0P and A >= .97P: HRA = \$0.00		

NOTE: LPP Heat Test Report dated June 17, 2016 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Check to Ledger:
\$0.00

Southwestern Public Service Company

Lea Power Partners, LLC
Purchase Power Payment Calculation
April 2018

Actual 2018-04

General Information

Commercial Operation Date September 16, 2008

Net Capability 604,000 kW
Capacity Price \$7.207 /kW-Month
Tolling Price \$2.15 /MWh
Turbine Start Price \$4,680.00 /Turb. Start
Test Energy Price \$55.31 /MWh
Contract Energy 347,069 MWh
Test Energy 0 MWh
Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF	
604,000	7.207	0.9338	\$ 4,064,680.38 (1)

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF	
604,000	0.25	0.9932	149,974.30 (2)

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh	
347,069	\$2.15	746,198.05 (3)

Prior Month Heat Rate Adjustment

See HRA Sheet 3/1/2018 F1 83,948.85 (4)

Turbine Starts

Payable Turb Starts	Price \$/Start
0	\$4,680.00

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total

\$ 5,044,801.58 (5)

Note: All support is in the following file path:

B

Lea Power Partners, LLC
Power Purchase Agreement Invoice
919 Milam Street, Suite 2300
Houston, Texas 77002

Date: May 16, 2018
Invoice: LEA0418

To: Southwestern Public Service Company
c/o Xcel Energy
1800 Larimer St, Floor 12
Denver, Colorado 80202
Phone: 303.294.2176
Attention: Kelsey Plank
Email: Kelsey.Hall@xcelenergy.com

Summary of Payment Calculation

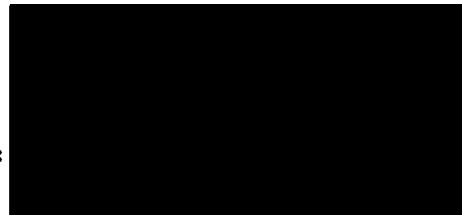
Sales: Apr-18

Capacity Payment	B1	\$ 4,064,680.38	①
Energy Payment	B3	\$ 746,198.05	②
Dispatchability Payment	B8	\$ 149,974.30	③
Heat Rate Adjustment Payment		\$ 83,948.85	④
Turbine Start Payment		\$ -	
Total Invoice:		<u>\$ 5,044,801.58</u>	

Please Remit Payment By: May 29, 2018
IF PAYMENT IS NOT RECEIVED BY THE DUE DATE A LATE PAYMENT CHARGE
WILL BE APPLIED AS INDICATED BY THE CONTRACT TERMS

For questions regarding this invoice, please contact Jian Casey at 713.358.9749; Fax 713.358.9730

Payable To: Bank
ABA
Acct
Further Credit to:
Ref



A

Southwestern Public Service Company
 Lea Power Partners
 2018-04 Lea Billing Final.xlsx

Lea Power Hobbs
 Summary of Meter Data
 April 2018

Turbine	Service Point ID	Recorder ID	Unit	IEE KWh	KWh Per LPP	Variance
77433T	0304127239E03	304127239000	HOBBSCTG1	101,813,075	101,691,296	121,779
77434T	0304127239E01	3041272390	HOBBSCTG2	104,466,897	104,330,880	136,017
77435T	0304127239E02	30412723900	HOBBSSTG3	140,788,887	141,201,408	(412,521)
				347,068,858	347,223,584	(154,726) *
						0.04%

* Small variance is expected
 Bill based on SPS IEE Meter Volumes

Capacity Availability Factor Calculation
April 2018

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9338	7.207	\$4,064,680.38

①

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
Apr-18 ✓	434,880 ✓	414,760 ✓	0	0.9537
Mar-18	448,772 ✓	436,093 ✓	0	0.9717
Feb-18	405,888	397,407	0	0.9791
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
Oct-17	449,376	255,106	185,450	0.9804
Sep-17	434,880	281,663	0	0.6477
Aug-17	449,376	401,151	7,973	0.9104
Jul-17	449,376	424,027	0	0.9436
Jun-17	434,880	413,394	0	0.9506
May-17 ✓	449,376	433,060	0	0.9637
12 Month Average	440,920	394,578	17,237	0.9337593003 ✓

D

**Dispatchability Availability Factor Calculation
April 2018**

Per Section 8.2 of the PPA

Net Capability (kW)	DAF	Rate (\$/kW-Mo)	Total
604,000	0.9932	0.25	\$149,974.30

①

DAF Calculation: (12 month Average Hours on-control/Hours on-line) X RAF= **0.99320730**

Note: RAF=1.00 per Section 2 of the Settlement Agreement dated 8/19/10 and results of 10/18/11 Ramp Rate Test Report.

12 Month Rolling Average Hours on-control/Hours on-line Calculation

Month	Hours on Line	Hours on Control	Avg Hrs on- control/Hrs on-line
Apr-18	716.0	716.0	1.0000
Mar-18	743.0	743.0	1.0000
Feb-18	672.0	672.0	1.0000
Jan-18	665.0	659.5	0.9917
Dec-17	679.0	677.3	0.9976
Nov-17	660.0	655.6	0.9933
Oct-17	439.0	430.9	0.9816
Sep-17	512.0	489.5	0.9561
Aug-17	737.0	735.7	0.9982
Jul-17	744.0	744.0	1.0000
Jun-17	720.0	720.0	1.0000
May-17	741.0	741.0	1.0000
12 Month Average	669.00	665.38	0.9932

E

**Heat Rate Adjustment
(One Month Lag to Billing Month)**

Per Section 8.4 of the PPA

Predicted Net Heat Rate (P):	7,765 Btu/kWh <i>LA</i>
Actual Net Heat Rate (A):	7,322 Btu/kWh <i>LI</i>
Fuel Delivered	<i>(2)</i> 2,511,444 mmBtu <i>GI</i>
Purchased Cost of Fuel Delivered	\$ <i>(3)</i> 5,847,564.95 <i>GA</i>
Price of Fuel (\$/mmBtu)	\$2.32837

If A > 1.0P:

$$\text{HRA} = \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [P/A])$$

If A < .97P:

$$\begin{aligned} \text{HRA} &= \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [(P \times 0.97)/A]) \times 0.50 \\ &= \mathbf{-\$83,948.85} \end{aligned}$$

If A <= 1.0P and A >= .97P: *(1)*

$$\text{HRA} = \$0.00$$

NOTE: LPP Heat Test Report dated August 23, 2017 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

G

Document Number	Docu- ment Type	Fiscal Year	Posting Date	Document Date	Comp	Document Header Text	Account	G/L Account Description	Order	Order Description	Reference Key 3	Text	Production Month	Post	Amount in LC	Quantity	Base Unit of Measure	Paired by	Reference
10072915	SA	2018	4/25/2018	4/25/2018	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBBS Toll Purchases		3/1/2018	40	4,254,534.78	2,208,740.42	DTH	226721	12164303
10072915	SA	2018	4/25/2018	4/25/2018	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBBS Toll Fixed Charges		3/1/2018	40	723,265.65			226721	12164303
10072915	SA	2018	4/25/2018	4/25/2018	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBBS Toll Transport		3/1/2018	40	55,141.91			226721	12164303
10072915	SA	2018	4/25/2018	4/25/2018	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBBS Toll Storage		3/1/2018	40	838,978.09	313,996.08	DTH	226721	12164303
10072915	SA	2018	4/25/2018	4/25/2018	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBBS Toll Imbalance		3/1/2018	50	-24,355.68	-11,292,506	DTH	226721	12164303
													3/1/2018		5,847,664.95	2,511,444.00			

FR 73
 ① ②

	<u>Unit 1</u>	<u>Unit 2</u>	<u>Total</u>
Apr-01			
Apr-02			
Apr-03			
Apr-04			
Apr-05			
Apr-06			
Apr-07			
Apr-08			
Apr-09			
Apr-10			
Apr-11			
Apr-12			
Apr-13			
Apr-14			
Apr-15			
Apr-16			
Apr-17			
Apr-18			
Apr-19			
Apr-20			
Apr-21			
Apr-22			
Apr-23			
Apr-24			
Apr-25			
Apr-26			
Apr-27			
Apr-28			
Apr-29			
Apr-30			
Total	0	0	0
Current Month Starts Charged			0
Amount per Start			<u>\$4,680</u>
Total			\$0

Month	Starts Monthly	YTD
Jan-18	4	4
Feb-18	0	4
Mar-18	0	4
Apr-18	0	4
May-18		4
Jun-18		4
Jul-18		4
Aug-18		4
Sep-18		4
Oct-18		4
Nov-18		4
Dec-18		4
YTD Total	4	

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Note: SPS Commercial previously ran a report from the links below to confirm the starts that Lea is reporting, however per discussion with Jeanette Schuck on 12/28/16, these reports are often not complete and accurate and she does her own review as part of her approval process. As such, SPS will no longer run this report and will accrue based solely on the Lea Power file and billing will be based on Jeanette's approval.

SPS Commercial Operations Log
<http://cotools.xcelenergy.com/>
<http://cclcap03.xcelenergy.com:37080/opslog/isp/OpsLog.jsp>
(Saved Reports - Hobbs Start/Stop)

H

Mount, Helen M

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Tuesday, October 21, 2008 9:47 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Thanks Jeff, that clears everything up for us.

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713-751-8877 ext. 318

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Sent: Tuesday, October 21, 2008 9:04 AM
To: Tom Motley
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Tom,
As I indicated in my email below, and as I mentioned in my voice message to you, the capacity price is reduced from \$7.31 to \$7.21 because of adjustments provided for in Sections 5.1(B) and 5.6(A) of the PPA. Section 5.1(B) provides for an adjustment, up or down, associated with costs paid by LPP toward the Electrical Interconnection in excess of or less than \$2.7 million. I have attached a scanned copy of page 80 from the Large Generator Interconnection Agreement (part of Appendix A of the LGIA) which indicates an estimate of these costs of \$693,737, \$100,000 of which was already paid. I have also attached an email indicating payment was made of the remaining balance. Therefore, an adjustment is made to the capacity price of $-(0.0023 * (27-6.94)) = -\0.0461 .

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Put together these adjustments reduced the capacity price by \$0.103 which results in an adjusted capacity price of \$7.207/kW-month. Let me know if you have any questions on my calculations for these adjustments.

Roger Schnabel provided us with the back up meter data for the steam turbine, and I concur that there was 24,188 MWh generated from September 1 through September 16 HE 1. Although I did include this generation in my calculation of the September billing statement, I added the steam turbine generation, which was in MWh, to our meter data which was in kWh. This obviously discounted the generation data provided by Roger significantly (by a factor of 1000) compared to the SPS metered generation. I have corrected this and have attached a revised billing statement, now reflecting 74,570 MWh of Test Energy for the month of September. I apologize for the mistake and any confusion this may have created.

Let me know if you have questions on any of this. I will be in the office this morning and then out this afternoon but available by cell phone (720-273-5464). I will then be out of the office and unavailable starting tomorrow through the end of the month. I will address any questions that come up after today when I return on November 3. To ensure timely processing, please be sure to copy Helen Mount (copied on this email) when you send out the September Invoice.
Thanks.

Jeff

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Saturday, October 18, 2008 5:26 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen

Hobbs Generating Station
PPA Tables

Commercial Operation Period	Capacity Price (\$/kW-month)
6/1/2008 - 4/30/2033	\$7.51

Table 8.3 Energy Tolling Price

Period	Contract Year		Tolling Price (\$/MWh)
	Begin	End	
1	6/1/2008	4/30/2009	\$1.75
2	6/1/2009	4/30/2010	\$1.79
3	6/1/2010	4/30/2011	\$1.83
4	6/1/2011	4/30/2012	\$1.87
5	6/1/2012	4/30/2013	\$1.92
6	6/1/2013	4/30/2014	\$1.96
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15	6/1/2022	4/30/2023	\$2.41
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17	6/1/2024	4/30/2025	\$2.52
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19	6/1/2026	4/30/2027	\$2.64
20	6/1/2027	4/30/2028	\$2.70
21	6/1/2028	4/30/2029	\$2.76
22	6/1/2029	4/30/2030	\$2.82
23	6/1/2030	4/30/2031	\$2.89
24	6/1/2031	4/30/2032	\$2.95
25	6/1/2032	4/30/2033	\$3.02

Table 8.6 Facility Start Price

Period	Contract Year		<= 200 starts	> 200 starts
	Begin	End		
1	6/1/2008	4/30/2009	\$4,000	\$16,000
2	6/1/2009	4/30/2010	\$4,000	\$16,000
3	6/1/2010	4/30/2011	\$4,080	\$16,300
4	6/1/2011	4/30/2012	\$4,160	\$16,600
5	6/1/2012	4/30/2013	\$4,240	\$16,900
6	6/1/2013	4/30/2014	\$4,330	\$16,230
7	6/1/2014	4/30/2015	\$4,400	\$16,500
8	6/1/2015	4/30/2016	\$4,500	\$16,875
9	6/1/2016	4/30/2017	\$4,590	\$17,200
10	6/1/2017	4/30/2018	\$4,680	\$17,530
11	6/1/2018	4/30/2019	\$4,780	\$17,900
12	6/1/2019	4/30/2020	\$4,870	\$18,240
13	6/1/2020	4/30/2021	\$4,970	\$18,600
14	6/1/2021	4/30/2022	\$5,070	\$19,000
15	6/1/2022	4/30/2023	\$5,170	\$19,400
16	6/1/2023	4/30/2024	\$5,280	\$19,800
17	6/1/2024	4/30/2025	\$5,380	\$20,175
18	6/1/2025	4/30/2026	\$5,490	\$20,600
19	6/1/2026	4/30/2027	\$5,600	\$21,000
20	6/1/2027	4/30/2028	\$5,710	\$21,400
21	6/1/2028	4/30/2029	\$5,830	\$21,850
22	6/1/2029	4/30/2030	\$5,940	\$22,260
23	6/1/2030	4/30/2031	\$6,060	\$22,700
24	6/1/2031	4/30/2032	\$6,180	\$23,150
25	6/1/2032	4/30/2033	\$6,300	\$23,600

A
K
17

Interoffice Memo



DATE: December 4th, 2017
TO: Jeanette Schuck, Purchased Power Analyst
FROM: Angel Miranda, Performance Testing & Analysis
SUBJECT: Hobbs Generating Station 2017 Summer Testing

Hobbs Generating Station conducted heat rate and ramp rate testing on August 23, 2017. Plant personnel performed the tests while representatives from Xcel Energy observed the testing activities. The objective of the test was to determine facility Heat Rate and Ramp Availability Factor for comparison to the Purchased Power Agreement (PPA).

Heat Rate Test

The Average Corrected Net Heat Rate reported by Hobbs Generating Station is 7,322.2 Btu/kWh, which is based on average of three (3) 1-hour runs. Each run was corrected to the reference conditions of 502 MW, 95.0°F dry bulb temperature, 20% relative humidity, and an atmospheric pressure of 12.895 psia. The predicted Net Heat Rate with degradation is 7,765.4 Btu/kWh. During this year's test, the plant came across a problem with one of the chilled water circulating pumps. To account for this, the plant turned to Power Engineers to simulate the effects of the lower inlet temperature as well as the lower aux power consumption. They provided a new set of correction factors that may be used when a similar situation arises. Below is a comparison table of the results between Hobbs Generating Station and Performance Testing & Analysis:

	Run 1	Run 2	Run 3	Average
HGS	7,322.60	7,324.12	7,319.95	7,322.22
PTA	7,322.56	7,324.13	7,319.92	7,322.21
Difference	0.00%	0.00%	0.00%	0.00%

HGS: Hobbs Generating Station
PTA: Performance Testing & Analysis

The average difference of 0.00% between calculations made by Lea Power and PTA is acceptable, and Performance Testing & Analysis agrees with these results.

Ramp Rate Test

Each ramp rate test is conducted with both duct burners and inlet chilling off, broken up into 4 segments as per the Power Purchase Agreement Exhibit A.

Lea Power Partners, LLC
Power Purchase Agreement Invoice
919 Milam Street, Suite 2300
Houston, Texas 77002

Date: **June 13, 2018**
Invoice: **LEA0518**

To: **Southwestern Public Service Company**
c/o Xcel Energy
1800 Larimer St, Floor 12
Denver, Colorado 80202
Phone: 303.294.2176
Attention: Kelsey Plank
Email: Kelsey.Hall@xcelenergy.com

Summary of Payment Calculation

Sales: **May-18**

Capacity Payment	\$ 4,059,458.95	① B7
Energy Payment	\$ 573,726.82	② B3
Dispatchability Payment	\$ 149,974.30	③ B2
Heat Rate Adjustment Payment	\$ 71,600.87	④ B4
Turbine Start Payment	\$ -	
Total Invoice:	<u>\$ 4,854,760.94</u>	⑤ B5

Please Remit Payment By: June 28, 2018

**IF PAYMENT IS NOT RECEIVED BY THE DUE DATE A LATE PAYMENT CHARGE
WILL BE APPLIED AS INDICATED BY THE CONTRACT TERMS**

For questions regarding this invoice, please contact Jian Casey at 713.358.9749; Fax 713.358.9730

Payable To: Bank Deutsche Bank Trust Company Americas
Trust & Securities Services
ABA 021-001-033
Acct 01419647
Further Credit to: PORT S19037.7
Ref Lea Power- Revenue Account 59485

Southwestern Public Service Company

**Lea Power Partners, LLC
Purchase Power Payment Calculation
May 2018**

Actual 2018-05

General Information

Commercial Operation Date

September 16, 2008

Net Capability

I1 604,000 kW

Capacity Price

J1 \$7.207 /kW-Month

Tolling Price

K1 \$2.20 /MWh

Turbine Start Price

K2 \$4,780.00 /Turb. Start

Test Energy Price

\$55.31 /MWh

Contract Energy

C1 260,785 MWh

Test Energy

0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF
604,000	7.207	0.9326

\$ 4,059,458.95 (1)

I1 D1

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF
604,000	0.25	0.9932

149,974.30 (2)

I1 I2 E1

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh
260,785	\$2.20

573,726.82 (3)

C1 K1

Prior Month Heat Rate Adjustment

See HRA Sheet

4/1/2018

F1 71,600.87 (4)

Turbine Starts

Payable Turb Starts	Price \$/Start
0	\$4,780.00

H1 K2

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total

\$ 4,854,760.94 (5)

Note: All support is in the following file path:

B

Southwestern Public Service Company
 Lea Power Partners
 2018-05 Lea Billing Final.xlsx

Lea Power Hobbs
 Summary of Meter Data
 May 2018

Turbine	Service Point ID	Recorder ID	Unit	IEE KWh	KWh Per LPP	Variance
77433T	0304127239E03	304127239000	HOBBSCTG1	73,870,884	73,614,784	256,100
77434T	0304127239E01	3041272390	HOBBSCTG2	77,723,600	77,590,846	132,754
77435T	0304127239E02	30412723900	HOBBSSTG3	109,190,435	109,494,060	(303,625)
				260,784,919	260,699,690	85,229 *

* Small variance is expected
 Bill based on SPS IEE Meter Volumes



Capacity Availability Factor Calculation
May 2018

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9326	7.207	\$4,059,458.95

①

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
May-18	449,376	308,604	117,988	0.9493
Apr-18	434,880	414,760	0	0.9537
Mar-18	448,772	436,093	0	0.9717
Feb-18	405,888	397,407	0	0.9791
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
Oct-17	449,376	255,106	185,450	0.9804
Sep-17	434,880	281,663	0	0.6477
Aug-17	449,376	401,151	7,973	0.9104
Jul-17	449,376	424,027	0	0.9436
Jun-17	434,880	413,394	0	0.9506
12 Month Average	440,920	384,207	27,070	0.9325598074

①

**Dispatchability Availability Factor Calculation
May 2018**

Per Section 8.2 of the PPA

Net Capability (kW)	DAF	Rate (\$/kW-Mo)	Total
604,000	0.9932	0.25	\$149,974.30

(1)

DAF Calculation: (12 month Average Hours on-control/Hours on-line) X RAF= **0.99320730**

Note: RAF=1.00 per Section 2 of the Settlement Agreement dated 8/19/10 and results of 10/18/11 Ramp Rate Test Report.

12 Month Rolling Average Hours on-control/Hours on-line Calculation

Month	Hours on Line	Hours on Control	Avg Hrs on- control/Hrs on-line
May-18 ✓	561.0 ✓	561.0	1.0000
Apr-18	716.0	716.0	1.0000
Mar-18	743.0	743.0	1.0000
Feb-18	672.0	672.0	1.0000
Jan-18	665.0	659.5	0.9917
Dec-17	679.0	677.3	0.9976
Nov-17	660.0	655.6	0.9933
Oct-17	439.0	430.9	0.9816
Sep-17	512.0	489.5	0.9561
Aug-17	737.0	735.7	0.9982
Jul-17	744.0	744.0	1.0000
Jun-17 ✓	720.0 ✓	720.0	1.0000
12 Month Average	654.00	650.38	0.9932

E

Per Section 8.4 of the PPA

**Heat Rate Adjustment
(One Month Lag to Billing Month)**

Predicted Net Heat Rate (P):	L2 7,765 Btu/kWh
Actual Net Heat Rate (A):	L1 7,322 Btu/kWh
Fuel Delivered	G2 2,536,531 mmBtu
Purchased Cost of Fuel Delivered	\$ G1 4,987,451.92
Price of Fuel (\$/mmBtu)	\$1.96625

If A > 1.0P:

$$\text{HRA} = \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [P/A])$$

If A < .97P:

$$\begin{aligned} \text{HRA} &= \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [(P \times 0.97)/A]) \times 0.50 \\ &= \text{\$71,600.87} \text{ (1)} \end{aligned}$$

If A <= 1.0P and A >= .97P:

$$\text{HRA} = \$0.00$$

NOTE: LPP Heat Test Report dated August 23, 2017 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Document Number	Docu- ment Type	Fiscal Year	Pricing Date	Document Date	Contract Document Header Text	Account	GL Account Description	Order	Order Description	Refine- ment Key 3	Text	Production Month Period Amount in LC	Quantity	Base Unit of Measure	Paired by	Reference
10065360	SA	2018	5/29/2018	5/29/2018	0013	5066071	Tolling Plant Gas Costs - Hobbs - NM	20000002989	SPS Tolling Plant Gas Costs - Hobbs - NM			4/1/2018 40	2,445,959.44	DTH	226721	12164303
10065360	SA	2018	5/29/2018	5/29/2018	0013	5066071	Tolling Plant Gas Costs - Hobbs - NM	20000002989	SPS Tolling Plant Gas Costs - Hobbs - NM			4/1/2018 40	4,034,121.32		226721	12164303
10065360	SA	2018	5/29/2018	5/29/2018	0013	5066071	Tolling Plant Gas Costs - Hobbs - NM	20000002989	SPS Tolling Plant Gas Costs - Hobbs - NM			4/1/2018 40	672,463.89		226721	12164303
10065360	SA	2018	5/29/2018	5/29/2018	0013	5066071	Tolling Plant Gas Costs - Hobbs - NM	20000002989	SPS Tolling Plant Gas Costs - Hobbs - NM			4/1/2018 40	48,982.56		226721	12164303
10065360	SA	2018	5/29/2018	5/29/2018	0013	5066071	Tolling Plant Gas Costs - Hobbs - NM	20000002989	SPS Tolling Plant Gas Costs - Hobbs - NM			4/1/2018 40	185,266.87		226721	12164303
10065360	SA	2018	5/29/2018	5/29/2018	0013	5066071	Tolling Plant Gas Costs - Hobbs - NM	20000002989	SPS Tolling Plant Gas Costs - Hobbs - NM			4/1/2018 40	48,616.18		226721	12164303

4/1/2018 4,987,451.92 2,536,531.00

① ②

Lea Power Partners, LLC
Hobbs Turbine Starts
May 2018

	Unit 1	Unit 2	Total
May-01			
May-02			
May-03			
May-04			
May-05			
May-06			
May-07			
May-08			
May-09			
May-10			
May-11			
May-12			
May-13			
May-14			
May-15			
May-16			
May-17			
May-18			
May-19	1		1
May-20			
May-21			
May-22			
May-23			
May-24	-		
May-25			
May-26			
May-27			
May-28			
May-29	1		1
May-30			
May-31			
Total	2	0	2
Current Month Starts Charged			0
Amount per Start			\$4,780
Total			\$0

Month	Starts Monthly	YTD
Jan-18	4	4
Feb-18	0	4
Mar-18	0	4
Apr-18	0	4
May-18	2	6
Jun-18		6
Jul-18		6
Aug-18		6
Sep-18		6
Oct-18		6
Nov-18		6
Dec-18		6
YTD Total	6	

(1)

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Note: SPS Commercial previously ran a report from the links below to confirm the starts that Lea is reporting, however per discussion with Jeanette Schuck on 12/28/16, these reports are often not complete and accurate and she does her own review as part of her approval process. As such, SPS will no longer run this report and will accrue based solely on the Lea Power file and billing will be based on Jeanette's approval.

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H

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Similarly, Section 5.6(A) of the PPA provides for an adjustment, up or down, associated with costs paid by LPP toward the upstream connecting pipeline in excess of or less than \$2.476 million. Based on the gas interconnection and transportation agreements, LPP did not pay any costs on the upstream connecting pipeline - these costs are being paid by SPS through its gas transportation agreement. Therefore, an adjustment is made to the capacity price of $(24.76 * 0.0023) = -\$0.0569$.

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Sent: Saturday, October 18, 2008 5:26 AM
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11/10/2008

JB
J?
16

Hobbs Generating Station
 PPA Tables

Commercial Operation Period	Capacity Price (\$/kW month)
6/1/2008 - 4/30/2033	\$7.31

Period	Contract Year		Tolling Price (\$/MWh)
	Begin	End	
1	6/1/2008	4/30/2009	\$1.75
2	6/1/2009	4/30/2010	\$1.79
3	6/1/2010	4/30/2011	\$1.83
4	6/1/2011	4/30/2012	\$1.87
5	6/1/2012	4/30/2013	\$1.92
6	6/1/2013	4/30/2014	\$1.96
7	6/1/2014	4/30/2015	\$2.01
8	6/1/2015	4/30/2016	\$2.05
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10	6/1/2017	4/30/2018	\$2.16
11	6/1/2018	4/30/2019	\$2.20
12	6/1/2019	4/30/2020	\$2.25
13	6/1/2020	4/30/2021	\$2.30
14	6/1/2021	4/30/2022	\$2.35
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24	6/1/2031	4/30/2032	\$2.95
25	6/1/2032	4/30/2033	\$3.02

Period	Contract Year		starts	
	Begin	End	<= 200	> 200
1	6/1/2008	4/30/2009	\$4,000	\$15,000
2	6/1/2009	4/30/2010	\$4,000	\$15,000
3	6/1/2010	4/30/2011	\$4,080	\$15,300
4	6/1/2011	4/30/2012	\$4,160	\$15,600
5	6/1/2012	4/30/2013	\$4,240	\$15,900
6	6/1/2013	4/30/2014	\$4,330	\$16,230
7	6/1/2014	4/30/2015	\$4,400	\$16,500
8	6/1/2015	4/30/2016	\$4,500	\$16,875
9	6/1/2016	4/30/2017	\$4,590	\$17,200
10	6/1/2017	4/30/2018	\$4,680	\$17,530
11	6/1/2018	4/30/2019	\$4,780	\$17,900
12	6/1/2019	4/30/2020	\$4,870	\$18,240
13	6/1/2020	4/30/2021	\$4,970	\$18,600
14	6/1/2021	4/30/2022	\$5,070	\$19,000
15	6/1/2022	4/30/2023	\$5,170	\$19,400
16	6/1/2023	4/30/2024	\$5,280	\$19,800
17	6/1/2024	4/30/2025	\$5,380	\$20,175
18	6/1/2025	4/30/2026	\$5,490	\$20,600
19	6/1/2026	4/30/2027	\$5,600	\$21,000
20	6/1/2027	4/30/2028	\$5,710	\$21,400
21	6/1/2028	4/30/2029	\$5,830	\$21,850
22	6/1/2029	4/30/2030	\$5,940	\$22,280
23	6/1/2030	4/30/2031	\$6,060	\$22,700
24	6/1/2031	4/30/2032	\$6,180	\$23,150
25	6/1/2032	4/30/2033	\$6,300	\$23,600

A. K.
 17

Interoffice Memo



DATE: December 4th, 2017
TO: Jeanette Schuck, Purchased Power Analyst
FROM: Angel Miranda, Performance Testing & Analysis
SUBJECT: Hobbs Generating Station 2017 Summer Testing

Hobbs Generating Station conducted heat rate and ramp rate testing on August 23, 2017. Plant personnel performed the tests while representatives from Xcel Energy observed the testing activities. The objective of the test was to determine facility Heat Rate and Ramp Availability Factor for comparison to the Purchased Power Agreement (PPA).

Heat Rate Test

The Average Corrected Net Heat Rate reported by Hobbs Generating Station is 7,922.2 Btu/kWh, which is based on average of three (3) 1-hour runs. Each run was corrected to the reference conditions of 502 MW, 95.0°F dry bulb temperature, 20% relative humidity, and an atmospheric pressure of 12.895 psia. The predicted Net Heat Rate with degradation is 7,765.4 Btu/kWh. During this year's test, the plant came across a problem with one of the chilled water circulating pumps. To account for this, the plant turned to Power Engineers to simulate the effects of the lower inlet temperature as well as the lower aux power consumption. They provided a new set of correction factors that may be used when a similar situation arises. Below is a comparison table of the results between Hobbs Generating Station and Performance Testing & Analysis:

	Run 1	Run 2	Run 3	Average
Lea Power	7,922.60	7,824.12	7,819.95	7922.22
PTA	7,922.56	7,824.18	7,819.92	7,922.24
Difference	0.00%	0.00%	0.00%	0.00%

HGS: Hobbs Generating Station
PTA: Performance Testing & Analysis

The average difference of 0.00% between calculations made by Lea Power and PTA is acceptable, and Performance Testing & Analysis agrees with these results.

Ramp Rate Test

Each ramp rate test is conducted with both duct burners and inlet chilling off, broken up into 4 segments as per the Power Purchase Agreement Exhibit A.

Lea Power Partners, LLC
Power Purchase Agreement Invoice
919 Milam Street, Suite 2300
Houston, Texas 77002

Date: July 9, 2018
Invoice: LEA0618

To: Southwestern Public Service Company
c/o Xcel Energy
1800 Larimer St, Floor 12
Denver, Colorado 80202
Phone: 303.294.2176
Attention: Kelsey Plank
Email: Kelsey.Hall@xcelenergy.com

Summary of Payment Calculation

Sales: Jun-18

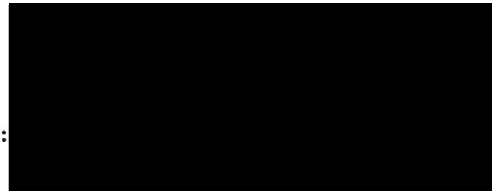
Capacity Payment	\$ 4,057,940.68	① B1
Energy Payment	\$ 768,372.04	② B3
Dispatchability Payment	\$ 149,687.68	③ B2
Heat Rate Adjustment Payment	\$ 53,698.92	④ B4
Turbine Start Payment	\$ -	
Total Invoice:	<u>\$ 5,029,699.32</u>	⑤ B5

Please Remit Payment By: July 27, 2018

**IF PAYMENT IS NOT RECEIVED BY THE DUE DATE A LATE PAYMENT CHARGE
WILL BE APPLIED AS INDICATED BY THE CONTRACT TERMS**

For questions regarding this invoice, please contact Jian Casey at 713.358.9749; Fax 713.358.9730

Payable To: Bank
ABA
Acct
Further Credit to:
Ref



Southwestern Public Service Company

Lea Power Partners, LLC
Purchase Power Payment Calculation
June 2018

Actual 2018-06

General Information

Commercial Operation Date

September 16, 2008

Net Capability

I1 604,000 kW

Capacity Price

J1 \$7.207 /kW-Month

Tolling Price

K1 \$2.20 /MWh

Turbine Start Price

K2 \$4,780.00 /Turb. Start

Test Energy Price

\$55.31 /MWh

Contract Energy

C1 349,260 MWh

Test Energy

0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF
604,000	7.207	0.9322
I1		D1

\$ 4,057,940.68 (1)

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF
604,000	0.25	0.9913
I1	I2	E1

149,687.68 (2)

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh
349,260	\$2.20
C1	K1

768,372.04 (3)

Prior Month Heat Rate Adjustment

See HRA Sheet 5/1/2018

F1 53,698.92 (4)

Turbine Starts

Payable Turb Starts	Price \$/Start
0	\$4,780.00
H1	K2

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total

\$ 5,029,699.32 (5)

Note: All support is in the following file path:

**Southwestern Public Service Company
Lea Power Partners
2018-06 Lea Billing Final.xlsx**

Lea Power Hobbs
Summary of Meter Data
June 2018

Turbine	Service Point ID	Recorder ID	Unit	IEE KWh	KWh Per LPP	Variance
77433T	0304127239E03	304127239000	HOBBSCTG1	104,328,693	104,031,424	297,269
77434T	0304127239E01	3041272390	HOBBSCTG2	105,343,310	105,200,770	142,539
77435T	0304127239E02	30412723900	HOBBSSTG3	139,588,015	140,019,396	(431,381)
				349,260,018	349,251,590	8,428 *
						0.00%

* Small variance is expected
Bill based on SPS IEE Meter Volumes

Capacity Availability Factor Calculation
June 2018

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9322	7.207	\$4,057,940.68

①

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
Jun-18	434,880	411,574	0	0.9464
May-18	449,376	308,604	117,988	0.9493
Apr-18	434,880	414,760	0	0.9537
Mar-18	448,772	436,093	0	0.9717
Feb-18	405,888	397,407	0	0.9791
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
Oct-17	449,376	255,106	185,450	0.9804
Sep-17	434,880	281,663	0	0.6477
Aug-17	449,376	401,151	7,973	0.9104
Jul-17	449,376	424,027	0	0.9436
12 Month Average	440,920	384,055	27,070	0.9322110215

D

**Dispatchability Availability Factor Calculation
June 2018**

Per Section 8.2 of the PPA

Net Capability (kW)	DAF	Rate (\$/kW-Mo)	Total
604,000	0.9913	0.25	\$149,687.68

DAF Calculation: (12 month Average Hours on-control/Hours on-line) X RAF= **0.99130916**

Note: RAF=1.00 per Section 2 of the Settlement Agreement dated 8/19/10 and results of 10/18/11 Ramp Rate Test Report.

12 Month Rolling Average Hours on-control/Hours on-line Calculation

Month	Hours on Line	Hours on Control	Avg Hrs on- control/Hrs on-line
Jun-18	720.0	703.6	0.9772
May-18	561.0	561.0	1.0000
Apr-18	716.0	716.0	1.0000
Mar-18	743.0	743.0	1.0000
Feb-18	672.0	672.0	1.0000
Jan-18	665.0	659.5	0.9917
Dec-17	679.0	677.3	0.9976
Nov-17	660.0	655.6	0.9933
Oct-17	439.0	430.9	0.9816
Sep-17	512.0	489.5	0.9561
Aug-17	737.0	735.7	0.9982
Jul-17	744.0	744.0	1.0000
12 Month Average	654.00	649.01	0.9913

E

**Heat Rate Adjustment
(One Month Lag to Billing Month)**

Per Section 8.4 of the PPA

Predicted Net Heat Rate (P):	LZ 7,765 Btu/kWh
Actual Net Heat Rate (A):	L1 7,322 Btu/kWh
Fuel Delivered	GZ 1,938,699 mmBtu
Purchased Cost of Fuel Delivered	\$ 61 3,740,468.33
Price of Fuel (\$/mmBtu)	\$1.92937

If A > 1.0P:

$$\text{HRA} = \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [P/A])$$

If A < .97P:

$$\begin{aligned} \text{HRA} &= \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [(P \times 0.97)/A]) \times 0.50 \\ &= \text{\$53,698.92} \text{ (1)} \end{aligned}$$

If A <= 1.0P and A >= .97P:

$$\text{HRA} = \$0.00$$

NOTE: LPP Heat Test Report dated August 23, 2017 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

6

Document Number	Document Type	Fiscal Year	Posting Date	Document Date	Compl Document Header Text	Account	GL Account Description	Order	Order Description	Reference Key	Production Month	Final Amount in LC	Quantity	Base Unit of Measure	Period by	Reference
10116369	SA	2018	6/25/2018	6/25/2018	0013	228721 - Gas Alloc Act	Tolling Plant Gas Costs	200000002889	SPS Tolling Plant Gas Costs - Hobbs - NM	3	5/1/2018	3,442,659.33	2,081,752.400	DTH	228721	12164303
10116369	SA	2018	6/25/2018	6/25/2018	0013	228721 - Gas Alloc Act	Tolling Plant Gas Costs	200000002889	SPS Tolling Plant Gas Costs - Hobbs - NM	3	5/1/2018	463,776.71	0.000		228721	12164303
10116369	SA	2018	6/25/2018	6/25/2018	0013	228721 - Gas Alloc Act	Tolling Plant Gas Costs	200000002889	SPS Tolling Plant Gas Costs - Hobbs - NM	3	5/1/2018	77,777.78	0.000		228721	12164303
10116369	SA	2018	6/25/2018	6/25/2018	0013	228721 - Gas Alloc Act	Tolling Plant Gas Costs	200000002889	SPS Tolling Plant Gas Costs - Hobbs - NM	3	5/1/2018	-78,708.87	-87,676.870	DTH	228721	12164303
10116369	SA	2018	6/25/2018	6/25/2018	0013	228721 - Gas Alloc Act	Tolling Plant Gas Costs	200000002889	SPS Tolling Plant Gas Costs - Hobbs - NM	3	5/1/2018	-128,028.54	-75,376.529	DTH	228721	12164303

5/1/2018 3,740,468.33 1,938,699.00

① ②

Lea Power Partners, LLC
Hobbs Turbine Starts
June 2018

	<u>Unit 1</u>	<u>Unit 2</u>	<u>Total</u>
Jun-01			
Jun-02			
Jun-03			
Jun-04			
Jun-05			
Jun-06			
Jun-07			
Jun-08			
Jun-09			
Jun-10			
Jun-11			
Jun-12			
Jun-13			
Jun-14			
Jun-15			
Jun-16			
Jun-17			
Jun-18			
Jun-19			
Jun-20			
Jun-21			
Jun-22			
Jun-23			
Jun-24	-		
Jun-25			
Jun-26			
Jun-27			
Jun-28			
Jun-29			
Jun-30			
Jul-01			
Total	<u>0</u>	<u>0</u>	<u>0</u>
Current Month Starts Charged			0
Amount per Start			\$4,780
Total			\$0

Month	Starts Monthly	YTD
Jan-18	4	4
Feb-18	0	4
Mar-18	0	4
Apr-18	0	4
May-18	2	6
Jun-18	0	6
Jul-18		6
Aug-18		6
Sep-18		6
Oct-18		6
Nov-18		6
Dec-18		6
YTD Total	<u>6</u>	

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Note: SPS Commercial previously ran a report from the links below to confirm the starts that Lea is reporting, however per discussion with Jeanette Schuck on 12/28/16, these reports are often not complete and accurate and she does her own review as part of her approval process. As such, SPS will no longer run this report and will accrue based solely on the Lea Power file and billing will be based on Jeanette's approval.

SPS Commercial Operations Log

<http://cotools.xcelenergy.com/>

<http://cclcap03.xcelenergy.com:37080/opslog/isp/OpsLog.isp>

(Saved Reports - Hobbs Start/Stop)

H

Mount, Helen M

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Tuesday, October 21, 2008 8:47 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Thanks Jeff, that clears everything up for us.

Tom Motley
713-751-8877 ext. 318

From: Hild, Jeffrey P [mailto:jeff.hild@xcelenergy.com]
Sent: Tuesday, October 21, 2008 9:04 AM
To: Tom Motley
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Tom,
As I indicated in my email below, and as I mentioned in my voice message to you, the capacity price is reduced from \$7.01 to \$7.21 because of adjustments provided for in Sections 5.1(B) and 5.6(A) of the PPA. Section 5.1(B) provides for an adjustment, up or down, associated with costs paid by LPP toward the Electrical Interconnection in excess of or less than \$2.7 million. I have attached a scanned copy of page 80 from the Large Generator Interconnection Agreement (part of Appendix A of the LQIA) which indicates an estimate of these costs of \$693,737, \$100,000 of which was already paid. I have also attached an email indicating payment was made of the remaining balance. Therefore, an adjustment is made to the capacity price of $-(0.0023 * (27-6.94)) = -\0.0481 .

Similarly, Section 5.6(A) of the PPA provides for an adjustment, up or down, associated with costs paid by LPP toward the upstream connecting pipeline in excess of or less than \$2.476 million. Based on the gas interconnection and transportation agreements, LPP did not pay any costs on the upstream connecting pipeline - these costs are being paid by SPS through its gas transportation agreement. Therefore, an adjustment is made to the capacity price of $(24.76 * 0.0023) = -\$0.0689$.

Put together these adjustments reduced the capacity price by \$0.103 which results in an adjusted capacity price of \$7.207/kW-month. Let me know if you have any questions on my calculations for these adjustments.

Roger Schnabel provided us with the back up meter data for the steam turbine, and I concur that there was 24,188 MWh generated from September 1 through September 16 HE 1. Although I did include this generation in my calculation of the September billing statement, I added the steam turbine generation, which was in MWh, to our meter data which was in kWh. This obviously discounted the generation data provided by Roger significantly (by a factor of 1000) compared to the SPS metered generation. I have corrected this and have attached a revised billing statement, now reflecting 74,670 MWh of Test Energy for the month of September. I apologize for the mistake and any confusion this may have created.

Let me know if you have questions on any of this. I will be in the office this morning and then out this afternoon but available by cell phone (720-273-5464). I will then be out of the office and unavailable starting tomorrow through the end of the month. I will address any questions that come up after today when I return on November 3. To ensure timely processing, please be sure to copy Helen Mount (copied on this email) when you send out the September Invoice.
Thanks.

Jeff

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Saturday, October 18, 2008 5:26 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen

JB
J?
16

Hobbs Generating Station
 PPA Tables

Commercial Operation Period	Capacity Price (\$/kW month)
6/1/2008 - 4/30/2033	\$7.51

Period	Contract Year		Tolling Price (\$/MWh)
	Begin	End	
1	6/1/2008	4/30/2009	\$1.76
2	6/1/2009	4/30/2010	\$1.79
3	6/1/2010	4/30/2011	\$1.83
4	6/1/2011	4/30/2012	\$1.87
5	6/1/2012	4/30/2013	\$1.92
6	6/1/2013	4/30/2014	\$1.96
7	6/1/2014	4/30/2015	\$2.01
8	6/1/2015	4/30/2016	\$2.05
9	6/1/2016	4/30/2017	\$2.10
10	6/1/2017	4/30/2018	\$2.16
11	6/1/2018	4/30/2019	\$2.20
12	6/1/2019	4/30/2020	\$2.25
13	6/1/2020	4/30/2021	\$2.30
14	6/1/2021	4/30/2022	\$2.36
15	6/1/2022	4/30/2023	\$2.41
16	6/1/2023	4/30/2024	\$2.46
17	6/1/2024	4/30/2025	\$2.52
18	6/1/2025	4/30/2026	\$2.58
19	6/1/2026	4/30/2027	\$2.64
20	6/1/2027	4/30/2028	\$2.70
21	6/1/2028	4/30/2029	\$2.78
22	6/1/2029	4/30/2030	\$2.82
23	6/1/2030	4/30/2031	\$2.89
24	6/1/2031	4/30/2032	\$2.95
25	6/1/2032	4/30/2033	\$3.02

Period	Contract Year		<= 200 starts	> 200 starts
	Begin	End		
1	6/1/2008	4/30/2009	\$4,000	\$16,000
2	6/1/2009	4/30/2010	\$4,000	\$16,000
3	6/1/2010	4/30/2011	\$4,080	\$16,300
4	6/1/2011	4/30/2012	\$4,160	\$16,600
5	6/1/2012	4/30/2013	\$4,240	\$16,900
6	6/1/2013	4/30/2014	\$4,330	\$17,200
7	6/1/2014	4/30/2015	\$4,400	\$17,500
8	6/1/2015	4/30/2016	\$4,500	\$17,800
9	6/1/2016	4/30/2017	\$4,590	\$18,100
10	6/1/2017	4/30/2018	\$4,680	\$18,400
11	6/1/2018	4/30/2019	\$4,790	\$18,700
12	6/1/2019	4/30/2020	\$4,870	\$18,800
13	6/1/2020	4/30/2021	\$4,970	\$19,000
14	6/1/2021	4/30/2022	\$5,070	\$19,200
15	6/1/2022	4/30/2023	\$5,170	\$19,400
16	6/1/2023	4/30/2024	\$5,280	\$19,600
17	6/1/2024	4/30/2025	\$5,360	\$20,175
18	6/1/2025	4/30/2026	\$5,490	\$20,800
19	6/1/2026	4/30/2027	\$5,600	\$21,000
20	6/1/2027	4/30/2028	\$5,710	\$21,400
21	6/1/2028	4/30/2029	\$5,830	\$21,850
22	6/1/2029	4/30/2030	\$5,940	\$22,260
23	6/1/2030	4/30/2031	\$6,060	\$22,700
24	6/1/2031	4/30/2032	\$6,180	\$23,150
25	6/1/2032	4/30/2033	\$6,300	\$23,600

A. K.
 17

Interoffice Memo



DATE: December 4th, 2017
TO: Jeanette Schuck, Purchased Power Analyst
FROM: Angel Miranda, Performance Testing & Analysis
SUBJECT: Hobbs Generating Station 2017 Summer Testing

Hobbs Generating Station conducted heat rate and ramp rate testing on August 23, 2017. Plant personnel performed the tests while representatives from Xcel Energy observed the testing activities. The objective of the test was to determine facility Heat Rate and Ramp Availability Factor for comparison to the Purchased Power Agreement (PPA).

Heat Rate Test

The Average Corrected Net Heat Rate reported by Hobbs Generating Station is 7,922.2 Btu/kWh, which is based on average of three (3) 1-hour runs. Each run was corrected to the reference conditions of 502 MW, 95.0°F dry bulb temperature, 20% relative humidity, and an atmospheric pressure of 12.855 psia. The predicted Net Heat Rate with degradation is 7,765.4 Btu/kWh. During this year's test, the plant came across a problem with one of the chilled water circulating pumps. To account for this, the plant turned to Power Engineers to simulate the effects of the lower inlet temperature as well as the lower aux power consumption. They provided a new set of correction factors that may be used when a similar situation arises. Below is a comparison table of the results between Hobbs Generating Station and Performance Testing & Analysis:

	Run 1	Run 2	Run 3	Average
Heat Rate (Btu/kWh)	7,922.60	7,824.12	7,819.95	7,922.22
Heat Rate (Btu/kWh)	7,922.56	7,824.19	7,819.92	7,922.21
Difference (%)	0.00%	0.00%	0.00%	0.00%

HGS: Hobbs Generating Station
 PTA: Performance Testing & Analysis

The average difference of 0.00% between calculations made by Lea Power and PTA is acceptable, and Performance Testing & Analysis agrees with these results.

Ramp Rate Test

Each ramp rate test is conducted with both duct burners and inlet chilling off, broken up into 4 segments as per the Power Purchase Agreement Exhibit A.

Lea Power Partners, LLC
Power Purchase Agreement Invoice
919 Milam Street, Suite 2300
Houston, Texas 77002

Date: **August 10, 2018**
Invoice: **LEA0718**

To: **Southwestern Public Service Company**
c/o Xcel Energy
1800 Larimer St, Floor 12
Denver, Colorado 80202
Phone: 303.294.2176
Attention: Kelsey Plank
Email: Kelsey.Hall@xcelenergy.com

Summary of Payment Calculation

Sales: **Jul-18**

Capacity Payment	\$	4,069,058.16	①
Energy Payment	\$	866,517.12	②
Dispatchability Payment	\$	149,687.68	③
Heat Rate Adjustment Payment	\$	37,211.32	④
Reimbursement	\$	74,760.29	⑤
Turbine Start Payment	\$	-	
Total Invoice:	\$	5,197,234.57	⑥

Please Remit Payment By: August 28, 2018

**IF PAYMENT IS NOT RECEIVED BY THE DUE DATE A LATE PAYMENT CHARGE
WILL BE APPLIED AS INDICATED BY THE CONTRACT TERMS**

For questions regarding this invoice, please contact Jian Casey at 713.358.9749; Fax 713.358.9730

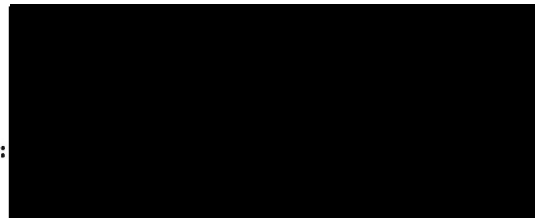
Payable To: Bank

ABA

Acct

Further Credit to:

Ref



Southwestern Public Service Company

Lea Power Partners, LLC
 Purchase Power Payment Calculation
 July 2018

Actual 2018-07

General Information

Commercial Operation Date

September 16, 2008

Net Capability

604,000 kW LI

Capacity Price

\$7.207 /kW-Month

Tolling Price

\$2.20 /MWh NI

Turbine Start Price

\$4,780.00 /Turb. Start NI NR

Test Energy Price

\$55.31 /MWh

Contract Energy

393,871 MWh

Test Energy

0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF
604,000	7.207	0.9334

\$ 4,063,279.29 +

Payment for Contract Capacity May Correction

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF
604,000	7.207	0.9332

\$ 2,889.44 KI

Payment for Contract Capacity June Correction

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF
604,000	7.207	0.9329

\$ 2,889.43 JI

\$ 4,069,058.16

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF
604,000	0.25	0.9913

AB 149,687.68 X

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh
393,871	\$2.20

A2 866,517.12 ✓

Prior Month Heat Rate Adjustment

See HRA Sheet 6/1/2018

A4 37,211.32 EI

Turbine Starts

Payable Turb Starts	Price \$/Start
0	\$4,780.00

GI

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Invoice Reimbursement for Outage 5/9/18-5/15/18; 5/21/18-5/27/18

Invoice Reimbursement to Start GT2 Early

A5 { 49,643.17 HI
 25,117.12 I1

Total

AV \$ 5,197,234.57 ✓

Note: All support is in the following file path:

3

Capacity Availability Factor Calculation
July 2018

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9334	7.207	\$4,063,279.29

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
Jul-18	449,376	427,061	0	0.9503
Jun-18	434,880	411,574	0	0.9464
May-18	449,376	308,604	121,567	0.9573
Apr-18	434,880	414,760	0	0.9537
Mar-18	448,772	436,093	0	0.9717
Feb-18	405,888	397,407	0	0.9791
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
Oct-17	449,376	255,106	185,450	0.9804
Sep-17	434,880	281,663	0	0.6477
Aug-17	449,376	401,151	7,973	0.9104
12 Month Average	440,920	384,308	27,368	0.9334374355

e

**Dispatchability Availability Factor Calculation
July 2018**

Per Section 8.2 of the PPA

Net Capability (kW)	DAF	Rate (\$/kW-Mo)	Total
604,000	0.9913	0.25	\$149,687.68

DAF Calculation: (12 month Average Hours on-control/Hours on-line) X RAF= **0.99130916**

Note: RAF=1.00 per Section 2 of the Settlement Agreement dated 8/19/10 and results of 10/18/11 Ramp Rate Test Report.

12 Month Rolling Average Hours on-control/Hours on-line Calculation

Month	Hours on Line	Hours on Control	Avg Hrs on-control/Hrs on-line
Jul-18 ✓	744.0	744.0	1.0000
Jun-18 ✓	720.0	703.6	0.9772
May-18	561.0	561.0	1.0000
Apr-18	716.0	716.0	1.0000
Mar-18	743.0	743.0	1.0000
Feb-18	672.0	672.0	1.0000
Jan-18	665.0	659.5	0.9917
Dec-17	679.0	677.3	0.9976
Nov-17	660.0	655.6	0.9933
Oct-17	439.0	430.9	0.9816
Sep-17	512.0	489.5	0.9561
Aug-17 ✓	737.0	735.7	0.9982
12 Month Average	654.00	649.01	0.9913 ✓

D

**Heat Rate Adjustment
(One Month Lag to Billing Month)**

*Billing month - July
HRA month - June*

Per Section 8.4 of the PPA

Predicted Net Heat Rate (P):

DA 7,690^x Btu/kWh

Actual Net Heat Rate (A):

01 7,372[✓] Btu/kWh

Fuel Delivered

2,608,576^x mmBtu *F2*

Purchased Cost of Fuel Delivered

\$ 6,284,579.48^x *F1*

Price of Fuel (\$/mmBtu)

\$2.40920

If A > 1.0P:

$$\text{HRA} = \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [P/A])$$

If A < .97P:

$$\begin{aligned} \text{HRA} &= \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [(P \times 0.97)/A]) \times 0.50 \\ &= \text{\textbf{-\$37,211.32}} \end{aligned}$$

If A <= 1.0P and A >= .97P:

$$\text{HRA} = \$0.00$$

NOTE: LPP Heat Test Report dated August 23, 2017 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Plank, Kelsey

From: Schuck, Jeanette R
Sent: Monday, August 20, 2018 10:54 AM
To: Plank, Kelsey
Cc: Schmidt, Joann U
Subject: RE: Lea Power Question

8.4 Heat Rate Adjustment to Payments .

(A) If the Actual Net Heat Rate for the Facility is greater than the Predicted Net Heat Rate, the Heat Rate Adjustment, for the billing month following the heat rate test until the billing month following the next heat rate test, shall be used to reduce payments to Seller as specified in Section 8.3 and shall be determined by the following formula :

Heat Rate Adjustment = Fuel Delivered x Price of Fuel x (1 - (P/A)), where:

"Fuel Delivered" is the amount of natural gas energy provided by SPS and consumed by the Facility to produce the Contract Energy dispatched by SPS and delivered by Seller to SPS in the billing month, stated in MMBtu,

"Price of Fuel" is the average unit cost of the Fuel Delivered, stated in \$/MMBtu, calculated as the total cost of the Fuel Delivered divided by the Fuel Delivered. The total cost of the Fuel Delivered shall include SPS's actual commodity cost of the Fuel Delivered ; any transportation, handling, natural gas storage and ancillary natural gas service costs incurred by SPS associated with the Fuel Delivered ; and all natural gas demand charges incurred by SPS associated with the Fuel Delivered,

"P" is the Predicted Net Heat Rate at the time of the most recent heat rate test; and

"A" is the Actual Net Heat Rate for the Facility as determined from the most recent heat rate test

(B) If the Actual Net Heat Rate for the Facility is less than ninety-seven percent (97%) of the Predicted Net Heat Rate, the Heat Rate Adjustment, for the billing month following the heat rate test until the billing month following the next heat rate test, shall be used to increase payments to Seller as specified in Section 8.3 and shall be determined by the following formula .

Heat Rate Adjustment = Fuel Delivered x Commodity Price x (1 - [(P x 0.97)/A]) x 0.50, where

"Fuel Delivered" is the amount of natural gas energy provided by SPS and consumed by the Facility to produce the Contract Energy dispatched by SPS and delivered by Seller to SPS in the billing month, stated in MMBtu ;

"Commodity Price" is the average unit commodity cost of the Fuel Delivered, stated in \$/MMBtu, calculated as SPS's actual commodity cost of the Fuel Delivered divided by the Fuel Delivered ;

"P" is the Predicted Net Heat Rate at the time of the most recent heat rate test; and

"A" is the Actual Net Heat Rate for the Facility as determined from the most recent heat rate test.

(C) If the Actual Net Heat Rate for the Facility is equal to or less than the Predicted Net Heat Rate, and is equal to or greater than ninety-seven percent (97%) of the Predicted Net Heat Rate, the Heat Rate Adjustment, for the billing month

Heat rate test conducted in June billing month July.

following the heat rate test until the billing month following the next heat rate test, shall be deemed to be zero dollars (\$0 00) for the payment calculations specified in Section 8.3.

From: Plank, Kelsey
Sent: Monday, August 20, 2018 10:43 AM
To: Schuck, Jeanette R
Cc: Schmidt, Joann U
Subject: RE: Lea Power Question

Hi Jeanette,

Did you have time to look at this? I want to make sure we have time to process for payment.

Thanks!
Kelsey

From: Plank, Kelsey
Sent: Thursday, August 16, 2018 10:22 AM
To: Schuck, Jeanette R
Cc: Schmidt, Joann U
Subject: Lea Power Question

Hi Jeanette,

Joann noticed something on the July Lea Power invoice while she was reviewing. Would we use the new heat rates for the July invoice since it is billed a month in arrear? (June gas costs are billed on the July invoice)

Thanks!

Kelsey Plank
Xcel Energy | Responsible By Nature
Senior Accountant, SPS Regulatory Accounting
1800 Larimer Street, Suite 1200, Denver, CO 80202
P: 303.294.2334
E: kelsey.hall@xcelenergy.com

F

Document Number	Document Type	Fiscal Posting Date	Document Date	Comp	Document Header Text	Account	GL Account Description	Order	Order Description	Refer to Key 3	Text	Production Month	Postl Amount in LC	Quantity	Base Unit of Measure	Parked by	Reference
10134926	SA	7/25/2018	7/25/2018	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBBS Toll Purchases	6/1/2018 40	5,677,899.10	2,782,915,670	DTH	226721	12164303	
10134926	SA	7/25/2018	7/25/2018	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBBS Toll Fixed Charges	6/1/2018 40	924,359.21	0.000		226721	12164303	
10134926	SA	7/25/2018	7/25/2018	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBBS Toll Transport	6/1/2018 50	-115,275.40	0.000		226721	12164303	
10134926	SA	7/25/2018	7/25/2018	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBBS Toll Storage	6/1/2018 50	-217,327.95	-54,740,068	DTH	226721	12164303	
10134926	SA	7/25/2018	7/25/2018	0013	226721 - Gas Alloc Act	5066071	Tolling Plant Gas Costs	200000002989	SPS Tolling Plant Gas Costs - Hobbs - NM	HOBBS Toll Imbalance	6/1/2018 50	-119,469.601	-119,469.601	DTH	226721	12164303	

6/1/2018 6,284,579.48 ①
 2,608,576.00 ②

* Note: excluded EPNG refund per Mengy Davis → recorded to Hobbs as an accounting entry. Not related to cost of fuel delivered to Hobbs for Lea PPA.

Lea Power Partners, LLC
Hobbs Turbine Starts
July 2018

	<u>Unit 1</u>	<u>Unit 2</u>	<u>Total</u>
Jul-01			
Jul-02			
Jul-03			
Jul-04			
Jul-05			
Jul-06			
Jul-07			
Jul-08			
Jul-09			
Jul-10			
Jul-11			
Jul-12			
Jul-13			
Jul-14			
Jul-15			
Jul-16			
Jul-17			
Jul-18			
Jul-19			
Jul-20			
Jul-21			
Jul-22			
Jul-23			
Jul-24			
Jul-25			
Jul-26			
Jul-27			
Jul-28			
Jul-29			
Jul-30			
Jul-31			
Total	0	0	0
Current Month Starts Charged			0
Amount per Start			\$4,780
Total			\$0

Month	Starts Monthly	YTD
Jan-18	4	4
Feb-18	0	4
Mar-18	0	4
Apr-18	0	4
May-18	2	6
Jun-18	0	6
Jul-18	0	6
Aug-18		6
Sep-18		6
Oct-18		6
Nov-18		6
Dec-18		6
YTD Total	6	

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Note: SPS Commercial previously ran a report from the links below to confirm the starts that Lea is reporting, however per discussion with Jeanette Schuck on 12/28/16, these reports are often not complete and accurate and she does her own review as part of her approval process. As such, SPS will no longer run this report and will accrue based solely on the Lea Power file and billing will be based on Jeanette's approval.

SPS Commercial Operations Log
<http://cotools.xcelenergy.com/>
<http://cclcap03.xcelenergy.com:37080/opslog/isp/OpsLog.isp>
(Saved Reports - Hobbs Start/Stop)

G

Lea Power Partners, LLC
2018 SPRING OUTAGE

Original Outage Dates: 05/03/2018 - 05/11/2018
First Delay Date: 05/09/2018 - 05/15/2018
Second Delay Date: 05/21/2018 - 05/27/2018

Summary of Backcharge Invoices Due to Delay

Date of Backcharge	Vendor	Invoice #	Description	Total Invoice	Backcharge Total	05/09/2018 - 05/15/2018	05/21/2018 - 05/27/2018	Comments
5/11/2018	Frank Supply	5100291	(1) 6000F FORKLI - Rental Equip Rental from 04/23/2018 - 05/21/2018 Standby	\$ 2,663.92	\$ 1,377.89	\$ 459.30	\$ 918.59	Daily Rate \$76.55 \$1872.00 Lodging Schedule Change/ \$5736.56 Remobilize fee
5/4/2018	Travis Ind	518-20894	Change Order - Additional Labor, Travel & Lodging	\$ 7,608.56	\$ 7,608.56	\$ 1,872.00	\$ 5,736.56	
5/16/2018	TDS Testing & Startup Services	20-11682	Change Order - Mobilization/De-Mobilization	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00		Change Order Due to Delay
4/30/2018	TDS Testing & Startup Services	20-11571	Change Order - Standby Time on Rental Equip	\$ 1,426.39	\$ 1,426.39	\$ 1,426.39		Change Order Due to Delay
4/30/2018	Hobbs Welding Supply	CYL70151-1	Change Order - Standby Cylinder Rental	\$ 349.33	\$ 349.33	\$ 116.46	\$ 232.87	Daily Rate \$19.41
5/30/2018	Fire Engineering	10292	Change Order - Cost impact to change flight tickets and downtime due to delay	\$ 11,044.00	\$ 11,044.00	\$ 11,044.00		Change Order Due to Delay
5/23/2018	Fire Engineering	10288	Change Order - Cost impact to remobilize for rescheduled delay dates to perform CO2 discharge test	\$ 8,427.00	\$ 8,427.00		\$ 8,427.00	Change Order Due to Delay
6/5/2018	Southwest Field Service	135	Change Order - to reschedule flight due to delay	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00		Change Order Due to Delay
5/30/2018	Turbo Filtration	00011342-IN	Change Order - demobilize & remobilize, equipment rental due to delay	\$ 13,410.00	\$ 13,410.00	\$ 4,470.00	\$ 8,940.00	Daily Rate \$745.00
Total Backcharge to Excel				\$ 49,643.17	\$ 25,388.15	\$ 24,255.02		

H

Plank, Kelsey

From: Schuck, Jeanette R
Sent: Wednesday, August 08, 2018 10:03 AM
To: Plank, Kelsey
Subject: FW: LPP Hobbs Generating Station Planned Outage May 3 - 11, 2018
Attachments: 2018 Back Charge Due to Delay Backup Email Information.pdf; 2018 Spring Outage Backcharge Breakdown Due to Delay.xlsx; 2018 Spring Outage Backcharge Due to Delay Invoices Final.pdf

From: Roger Schnabel [mailto:rschnabel@camstex.com]
Sent: Tuesday, July 31, 2018 4:01 PM
To: Schuck, Jeanette R
Cc: Hassler, Kari Chilcott C; Haskins, Jeffrey C; Leslie Wills
Subject: RE: LPP Hobbs Generating Station Planned Outage May 3 - 11, 2018

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Jeanette,

The attached spreadsheet summarizes the cost break out for the first delay May 9 – 15 and the cost for the second delay May 21 – 27. Please let me know if you have any additional questions or comments.

Thank you,

Roger Schnabel
Hobbs Generating Station
98 N Twombly Lane
Hobbs, NM 88240
Office (575) 397-6706
Mobile (801) 360-4189
rschnabel@camsops.com

From: Roger Schnabel
Sent: Tuesday, July 31, 2018 2:27 PM
To: Schuck, Jeanette R <jeanette.r.schuck@xcelenergy.com>
Cc: Hassler, Kari Chilcott C <Kari.Hassler@xcelenergy.com>; Haskins, Jeffrey C <jeff.haskins@xcelenergy.com>; Leslie Wills <lwills@camstex.com>
Subject: RE: LPP Hobbs Generating Station Planned Outage May 3 - 11, 2018

Jeanette,

I believe that we can break out the cost for the first delay May 9 – 15. Leslie and I will work on it and send you a revised breakout as soon as possible.

Thank you,

Roger Schnabel

Hobbs Generating Station
98 N Twombly Lane
Hobbs, NM 88240
Office (575) 397-6706
Mobile (801) 360-4189
rschnabel@camsops.com

From: Schuck, Jeanette R <jeanette.r.schuck@xcelenergy.com>
Sent: Tuesday, July 31, 2018 2:18 PM
To: Roger Schnabel <rschnabel@camstex.com>
Cc: Hassler, Kari Chilcott C <Kari.Hassler@xcelenergy.com>; Haskins, Jeffrey C <jeff.haskins@xcelenergy.com>
Subject: LPP Hobbs Generating Station Planned Outage May 3 - 11, 2018

Roger, is it possible to break out the costs for the first delay May 9-15 that was due to the SPP cancellation? Please let us know. Thank you.

From: Roger Schnabel [<mailto:rschnabel@camstex.com>]
Sent: Wednesday, July 11, 2018 12:42 PM
To: Schuck, Jeanette R
Cc: Zapotocky, Matthew G; Martinez, Kyle B; David Baugh; Leslie Wills
Subject: RE: LPP Hobbs Generating Station Planned Outage May 3 - 11, 2018

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Good afternoon Jeanette,

Please find attached the last two invoices related to the LPP Hobbs Generating Station Outage Delay and GT2 Early Startup. The two attached spread sheets record all of the related charges and invoice references for your records. Please let me know if you need anything else from me before you can authorize reimbursement to LPP for these outage costs.

Thank you,

Roger Schnabel
Hobbs Generating Station
98 N Twombly Lane
Hobbs, NM 88240
Office (575) 397-6706
Mobile (801) 360-4189
rschnabel@camsops.com

From: Roger Schnabel
Sent: Friday, June 1, 2018 1:47 PM
To: Schuck, Jeanette R <jeanette.r.schuck@xcelenergy.com>
Cc: Zapotocky, Matthew G <Matthew.G.Zapotocky@xcelenergy.com>; Martinez, Kyle B <Kyle.B.Martinez@xcelenergy.com>; David Baugh <dbaugh@camstex.com>
Subject: RE: LPP Hobbs Generating Station Planned Outage May 3 - 11, 2018

Jeanette,

LPP used commercially reasonable efforts to comply with an SPS request to reschedule our planned outage start date from May 3rd to May 21st. In connection with the request by SPS for deferral of a scheduled maintenance, LPP provided to SPS in advance a non-binding good faith estimate of the incremental direct costs to be incurred by LPP in order to comply with the request in the amount of \$45,593. The most recently updated estimated cost for the maintenance deferral in the amount of \$49,642 is attached to this email as an excel spreadsheet, but there are still a few invoices pending. The invoices received to date related to the maintenance outage deferral are attached to this email as a PDF.

Related to a different issue, on 5/24/2018 LPP agreed to accommodate a request to attempt to accelerate the Hobbs overhaul for hot weather and reliability concerns to have unit 2 back in simple cycle by May 27th. The GT2 startup was accelerated from the original start date of May 29th at 08:00 up to May 28th at 16:58, and Unit 2 was operating 1 x 1 on AGC on May 28th at 20:51. The estimated incremental cost incurred by LPP to accelerate the schedule in the amount of \$23,652 is attached to this email as an excel spreadsheet, but there are still a few invoices pending. The invoices received to date related to accelerating the Hobbs overhaul for hot weather and reliability concerns are attached to this email as a PDF.

Please don't hesitate to let me know if you have any questions.

Have a nice weekend,

Roger Schnabel
Hobbs Generating Station
98 N Twombly Lane
Hobbs, NM 88240
Office (575) 397-6706
Mobile (801) 360-4189
rschnabel@camsops.com

From: Roger Schnabel
Sent: Thursday, May 31, 2018 4:55 PM
To: Schuck, Jeanette R <jeanette.r.schuck@xcelenergy.com>
Cc: Zapotocky, Matthew G <Matthew.G.Zapotocky@xcelenergy.com>; Martinez, Kyle B <Kyle.B.Martinez@xcelenergy.com>; David Baugh <dbaugh@camstex.com>
Subject: RE: LPP Hobbs Generating Station Planned Outage May 3 - 11, 2018

Jeanette,

We are tracking the costs for postponing the outage along with the costs for accelerating the Unit 2 outage. I will provide an updated list of costs and the supporting invoices that we have received to date tomorrow.

Thank you,

Roger Schnabel
Hobbs Generating Station
98 N Twombly Lane
Hobbs, NM 88240
Office (575) 397-6706
Mobile (801) 360-4189
rschnabel@camsops.com

From: Schuck, Jeanette R [<mailto:jeanette.r.schuck@xcelenergy.com>]
Sent: Thursday, May 31, 2018 3:15 PM
To: Roger Schnabel <rschnabel@camstex.com>

Cc: Zapotocky, Matthew G <Matthew.G.Zapotocky@xcelenergy.com>; Martinez, Kyle B <Kyle.B.Martinez@xcelenergy.com>
Subject: FW: LPP Hobbs Generating Station Planned Outage May 3 - 11, 2018

Roger, please provide supporting documentation for the costs below. Thank you.

From: Roger Schnabel [<mailto:rschnabel@camstex.com>]
Sent: Wednesday, May 02, 2018 4:41 PM
To: Martinez, Kyle B
Subject: RE: LPP Hobbs Generating Station Planned Outage May 3 - 11, 2018

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Kyle,

As requested, here is an estimate of incremental costs associated with moving the outage from May 3 – 11 until May 9 – 17, 2018. The estimated incremental cost to comply with the request to move the outage is summarized below, in the amount of \$45,593. Please let me know if you have any additional questions or comments.

Lea Power Partners, LLC
Hobbs Generating Station
2018 Spring Outage Re-Schedule

LPP Spring Outage postponed from May 3 - 11, 2018 until May 9 - 17, 2018 at SPP discretion due to other, unrelated & unforeseen outages in the region. Not enough reliability to meet demand.

Incremental cost beyond plan \$45,593

Canopy & Tent	Additional Cost for Rented Chairs / Tables	\$157
Fire Engineering	Additional Mobilization & Standby Cost	\$11,044
Franks	Additional Cost for Rental Equipment	\$13,068
Lea County Septic	Additional Cost for Sanitary Facility Rental	\$1,500
Turbo Filtration	Additional Cost for Equipment & Re-Mob	\$13,410
SouthWest Field Service	Additional Cost to Reschedule	\$4,000
Technical Diagnostic Services	Additional Standby Cost	\$2,414

Thank you,

Roger Schnabel
Hobbs Generating Station
98 N Twombly Lane
Hobbs, NM 88240
Office (575) 397-6706
Mobile (801) 360-4189
rschnabel@camsops.com

Southwestern Public Service Company
 Lea Power Partners, LLC
 Purchase Power Payment Calculation
 June 2018

Actual 2018-06

REVISED

General Information
 Commercial Operation Date

September 16, 2008

Net Capability 604,000 kW
 Capacity Price \$7.207 /kW-Month
 Tolling Price \$2.20 /MWh
 Turbine Start Price \$4,780.00 /Turb. Start
 Test Energy Price \$55.31 /MWh
 Contract Energy 349,260 MWh
 Test Energy 0 MWh
 Payment Calculation

Per Section 3.4 of the PPA

Per Section 8.1 of the PPA
 Per Section 8.3 of the PPA. Price changes every May 1.
 Per Section 8.6 of the PPA. Price changes every May 1.

Per SPS Meter Report

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF
604,000	7.207	0.9329 ✓

\$ 4,060,830.11

Per Section 8.1 of the PPA

J3 ORIGINAL INVOICE \$ 4,057,940.68 \$ 2,889.43

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF
604,000	0.25	0.9913

149,687.68

Per Section 8.2 of the PPA

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh
349,260	\$2.20

768,372.04

Per Section 8.3 of the PPA

Prior Month Heat Rate Adjustment
 See HRA Sheet 5/1/2018

53,698.92

Per Section 8.4 of the PPA.

Payable Turb Starts	Price \$/Start
0	\$4,780.00

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Per Section 8.6 of the PPA, as amended.

Price per start is for less than 200 starts per Contract Year.
 Starts per Hobbs Annual Performance Summary/Xcel Ops Report as adjusted for Section 3 of Amendment 4 to the PPA.
 First 25 successful starts each calendar year beginning in 2014 are \$0 per start

Total
 Note: All support is in the following file path:

\$ 5,032,588.75

\$ 5,029,699.32 \$ 2,889.43

* Change in production report used to calculate CAF. Revision needed for May + June.

J

Capacity Availability Factor Calculation
June 2018

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9329 ✓	7.207	\$4,060,830.11

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
Jun-18	434,880	411,574	0	0.9464
May-18	449,376	308,604	121,567	0.9573
Apr-18	434,880	414,760	0	0.9537
Mar-18	448,772	436,093	0	0.9717
Feb-18	405,888	397,407	0	0.9791
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
Oct-17	449,376	255,106	185,450	0.9804
Sep-17	434,880	281,663	0	0.6477
Aug-17	449,376	401,151	7,973	0.9104
Jul-17	449,376	424,027	0	0.9436
12 Month Average	440,920	384,055	27,368	0.9328747975

Southwestern Public Service Company

Lea Power Partners, LLC
Purchase Power Payment Calculation
June 2018

Actual 2018-06

ORIGINAL

General Information

Commercial Operation Date September 16, 2008

Net Capability	604,000 kW
Capacity Price	\$7.207 /kW-Month
Tolling Price	\$2.20 /MWh
Turbine Start Price	\$4,780.00 /Turb. Start
Test Energy Price	\$55.31 /MWh
Contract Energy	349,260 MWh
Test Energy	0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF	
604,000	7.207	0.9322	\$ 4,057,940.68

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF	
604,000	0.25	0.9913	149,687.68

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh	
349,260	\$2.20	768,372.04

Prior Month Heat Rate Adjustment

See HRA Sheet 5/1/2018 53,698.92

Turbine Starts

Payable Turb Starts	Price \$/Start
0	\$4,780.00

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total \$ 5,029,699.32

Note: All support is in the following file path:

Southwestern Public Service Company
 Lea Power Partners, LLC
 Purchase Power Payment Calculation
 May 2018

Actual 2018-05

REVISED

General Information
 Commercial Operation Date

September 16, 2008

Net Capability 604,000 kW Per Section 3.4 of the PPA
 Capacity Price \$7.207 /kW-Month Per Section 8.1 of the PPA
 Tolling Price \$2.20 /MWh Per Section 8.3 of the PPA. Price changes every May 1.
 Turbine Start Price \$4,780.00 /Turb. Start Per Section 8.6 of the PPA. Price changes every May 1.
 Test Energy Price \$55.31 /MWh
 Contract Energy 260,785 MWh Per SPS Meter Report
 Test Energy 0 MWh
 Payment Calculation

Payment for Contract Capacity

Per Section 8.1 of the PPA

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF
604,000	7.207	0.9332

\$ 4,062,348.39

ORIGINALLY INVOICED		
K3-	\$ 4,059,458.95	\$ 2,889.44
	\$ 149,974.30	
	\$ 573,726.82	
	\$ 71,600.87	
		\$ 4,854,760.94

Payment for Dispatchability

Per Section 8.2 of the PPA

Net Capability	Price \$/kW-Mo	DAF
604,000	0.25	0.9932

149,974.30

Payment for Energy Tolling

Per Section 8.3 of the PPA

Contract Energy (MWh)	Price \$/MWh
260,785	\$2.20

573,726.82

Prior Month Heat Rate Adjustment
 See HRA Sheet 4/1/2018

Per Section 8.4 of the PPA.

71,600.87

Turbine Starts

Per Section 8.6 of the PPA, as amended.

Payable Turb Starts	Price \$/Start
0	\$4,780.00

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Price per start is for less than 200 starts per Contract Year.
 Starts per Hobbs Annual Performance Summary/Xcel Ops Report as adjusted for Section 3 of Amendment 4 to the PPA.
 First 25 successful starts each calendar year beginning in 2014 are \$0 per start.

Total \$ 4,857,650.38

Note: All support is in the following file path:

K

Capacity Availability Factor Calculation
May 2018

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9332	7.207	\$4,062,348.39

1

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
May-18 ✓	449,376	308,604	121,567	0.9573
Apr-18	434,880	414,760	0	0.9537
Mar-18	448,772	436,093	0	0.9717
Feb-18	405,888	397,407	0	0.9791
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
Oct-17	449,376	255,106	185,450	0.9804
Sep-17	434,880	281,663	0	0.6477
Aug-17	449,376	401,151	7,973	0.9104
Jul-17	449,376	424,027	0	0.9436
Jun-17 ✓	434,880	413,394	0	0.9506
12 Month Average	440,920	384,207	27,368	0.9332235834

K2

Southwestern Public Service Company

**Lea Power Partners, LLC
Purchase Power Payment Calculation
May 2018**

Actual **2018-05**

ORIGINAL

General Information

Commercial Operation Date September 16, 2008

Net Capability	604,000 kW
Capacity Price	\$7.207 /kW-Month
Tolling Price	\$2.20 /MWh
Turbine Start Price	\$4,780.00 /Turb. Start
Test Energy Price	\$55.31 /MWh
Contract Energy	260,785 MWh
Test Energy	0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF	
604,000	7.207	0.9326	\$ 4,059,458.95 1

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF	
604,000	0.25	0.9932	149,974.30

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh	
260,785	\$2.20	573,726.82

Prior Month Heat Rate Adjustment

See HRA Sheet 4/1/2018 71,600.87

Turbine Starts

Payable Turb Starts	Price \$/Start
0	\$4,780.00

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total \$ 4,854,760.94

Note: All support is in the following file path:

Document #185796

~~Draft~~ **KTH**
SPS CONTRACT SUMMARY

Attached for your review & approval is the negotiated power purchase agreement (PPA) between Southwestern Public Service Company (SPS) and Lea Power Partners, LLC (LPP).

Background Information:

1. SPS issued a Request for Proposal for Dispatchable Resources on February 23, 2006.
2. A bid was submitted by a joint effort of CBM Colorado (subsidiary of MDL), Centennial Energy Resources (subsidiary of MDL), and Genova Power Solutions for a dry cooled two-on-one combined cycle (CC) generation facility with a nominal capacity of about 600 MW in the vicinity of Maddox Station and Cunningham Station near Hobbs, NM. The equipment will be procured upon execution of the PPA. The PPA requires LPP to develop a dry cooled CC generation facility near Hobbs, NM with a Net Capability of 604 MW and a summer capacity of 502 MW.
3. Based on the resources identified in the analysis, the lowest cost alternative was a dry cooled combined cycle gas turbine (CCGT) plant with a net capacity of 600 MW. The CCGT plant was selected over the dry cooled combined cycle gas turbine (CCGT) plant because of the energy savings from the combined cycle heat rate on the SPS system is expected to pay for a substantial portion of the capacity payments (break-even at a delivered gas price greater than \$6/MMBtu and a CR of 60%), thereby resulting in net savings compared to the alternative of adding peaking generation (such as combustion turbines) to the system. The following risk factors were also considered within the evaluation process: (1) the risk of acquiring and maintain a long-term water resource, (2) negative customer and political perception associated with using a scarce and valuable resource - water, and (3) the additional costs and risks associated with a delay in meeting the June 2008 COD. Based on subsequent consideration of these risk factors, CBM's dry cooled facility was picked as the preferred alternative.
4. SPS received Finance Council approval to proceed to negotiate on July 25, 2006. The executive direction to proceed with this project was affirmed on October 18, 2006.
5. The contractual COD Date is June 1, 2008.
6. The Seller has acquired sufficient water for the dry cooled facility and a site that has existing electric transmission facilities and ROW and is near the Pinnacole pipeline. The most recent site is under option and will be bought once the PPA is in place.
7. On July 20, 2006, the Seller had a pre-application meeting with the NMBE-AQB on the PSD permit. CBM was advised that the dry cooled choice would be looked at favorably and that it would work toward having the permit in place in less than 180 days. The emissions permit was filed on October 2, 2006.
8. SPS will have the opportunity to buy natural gas from up to three pipelines (El Paso, Northwestern, and Transwestern) and deliver that gas to the Facility using the Pinnacole pipeline.
9. As of July 26, 2006, the Seller has applied for its LGA. During the week of August 7, 2006, the application was updated as a result of Seller selecting a new site.
10. This capacity is needed by the SPS system to meet load and reserve margins in 2008.

Transaction Specifics

1. The term of the PPA is 25 years.
2. Seller shall be paid as follows:
 - a. Capacity payment of \$7.24/kw-month (plus Dispatchability Payment) for Term of the agreement.
 - b. The Tolling Charge is \$1.75/MWh for the first year and increases by about 2.3% each year.
 - c. The Start Charge begins at \$4,000 per facility start and increases by about 2% each year after the first year for up to 200 starts per year. Starts over 200 per year begin at \$15,000 per facility start and increase by about 2.3% each year.

Based on Seller's proposal, the capacity charge is adjusted based on the actual cost of the natural gas and electric interconnections. The bid included \$2.475 million for the gas interconnection and based on the actual cost of the gas interconnection the capacity charge will be reduced or increased by \$0.0230/kw-month (levelized value) per \$100,000 difference from the \$2.475 million. The bid included \$2.700 million of the electric interconnection and the adjustment factor is \$0.00230 (levelized value).

3. Seller shall be responsible for all costs associated with the construction of the facility and the interconnections. The Seller shall be responsible for all costs associated with the construction of the facility and the interconnections. The Seller shall be responsible for all costs associated with the construction of the facility and the interconnections.

3025

Page 1 of 2

Mount, Helen M

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Tuesday, October 21, 2008 8:47 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Thanks Jeff, that clears everything up for us.

Tom Motley
713-751-8877 ext. 318

From: Hild, Jeffrey P [mailto:Jeff.Hild@xcelenergy.com]
Sent: Tuesday, October 21, 2008 9:04 AM
To: Tom Motley
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Tom,
As I indicated in my email below, and as I mentioned in my voice message to you, the capacity price is reduced from \$7.81 to \$7.21 because of adjustments provided for in Sections 5.1(B) and 5.8(A) of the PPA. Section 5.1(B) provides for an adjustment, up or down, associated with costs paid by LPP toward the Electrical Interconnection in excess of or less than \$2.7 million. I have attached a scanned copy of page 80 from the Large Generator Interconnection Agreement (part of Appendix A of the LQIA) which indicates an estimate of these costs of \$893,737, \$100,000 of which was already paid. I have also attached an email indicating payment was made of the remaining balance. Therefore, an adjustment is made to the capacity price of $-(0.0023 * (27-8.94)) = -\0.0481 .

Similarly, Section 5.8(A) of the PPA provides for an adjustment, up or down, associated with costs paid by LPP toward the upstream connecting pipeline in excess of or less than \$2.476 million. Based on the gas Interconnection and transportation agreements, LPP did not pay any costs on the upstream connecting pipeline - these costs are being paid by SPS through its gas transportation agreement. Therefore, an adjustment is made to the capacity price of $-(24.76 * 0.0023) = -\$0.0569$.

Put together these adjustments reduced the capacity price by \$0.103 which results in an adjusted capacity price of \$7.207/kW-month. Let me know if you have any questions on my calculations for these adjustments.

Roger Schnabel provided us with the back up meter data for the steam turbine, and I concur that there was 24,188 MWh generated from September 1 through September 16 HE 1. Although I did include this generation in my calculation of the September billing statement, I added the steam turbine generation, which was in MWh, to our meter data which was in kWh. This obviously discounted the generation data provided by Roger significantly (by a factor of 1000) compared to the SPS metered generation. I have corrected this and have attached a revised billing statement, now reflecting 74,670 MWh of Test Energy for the month of September. I apologize for the mistake and any confusion this may have created.

Let me know if you have questions on any of this. I will be in the office this morning and then out this afternoon but available by cell phone (720-273-5484). I will then be out of the office and unavailable starting tomorrow through the end of the month. I will address any questions that come up after today when I return on November 3. To ensure timely processing, please be sure to copy Helen Mount (copied on this email) when you send out the September Invoice.
Thanks.

Jeff

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Saturday, October 18, 2008 5:26 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen

7/10/2008

M

**Hobbs Generating Station
 PPA Tables**

Commercial Operation Period	Capacity Price (\$/MWh)
6/1/2009 - 4/30/2033	\$7.31

Period	Contract Year		Tolling Price (\$/MWh)
	Begin	End	
1	6/1/2008	4/30/2009	\$1.76
2	6/1/2009	4/30/2010	\$1.79
3	6/1/2010	4/30/2011	\$1.83
4	6/1/2011	4/30/2012	\$1.87
5	6/1/2012	4/30/2013	\$1.92
6	6/1/2013	4/30/2014	\$1.98
7	6/1/2014	4/30/2015	\$2.01
8	6/1/2015	4/30/2016	\$2.05
9	6/1/2016	4/30/2017	\$2.10
10	6/1/2017	4/30/2018	\$2.16
11	6/1/2018	4/30/2019	\$2.20
12	6/1/2019	4/30/2020	\$2.25
13	6/1/2020	4/30/2021	\$2.30
14	6/1/2021	4/30/2022	\$2.35
15	6/1/2022	4/30/2023	\$2.41
16	6/1/2023	4/30/2024	\$2.46
17	6/1/2024	4/30/2025	\$2.52
18	6/1/2025	4/30/2026	\$2.58
19	6/1/2026	4/30/2027	\$2.64
20	6/1/2027	4/30/2028	\$2.70
21	6/1/2028	4/30/2029	\$2.76
22	6/1/2029	4/30/2030	\$2.82
23	6/1/2030	4/30/2031	\$2.88
24	6/1/2031	4/30/2032	\$2.95
25	6/1/2032	4/30/2033	\$3.02

Period	Contract Year		≤ 200 starts	> 200 starts
	Begin	End		
1	6/1/2008	4/30/2009	\$4,000	\$16,000
2	6/1/2009	4/30/2010	\$4,000	\$16,300
3	6/1/2010	4/30/2011	\$4,000	\$16,600
4	6/1/2011	4/30/2012	\$4,160	\$16,900
5	6/1/2012	4/30/2013	\$4,240	\$17,200
6	6/1/2013	4/30/2014	\$4,330	\$17,500
7	6/1/2014	4/30/2015	\$4,400	\$17,800
8	6/1/2015	4/30/2016	\$4,500	\$18,100
9	6/1/2016	4/30/2017	\$4,600	\$18,400
10	6/1/2017	4/30/2018	\$4,800	\$18,700
11	6/1/2018	4/30/2019	\$4,700	\$18,000
12	6/1/2019	4/30/2020	\$4,870	\$18,800
13	6/1/2020	4/30/2021	\$4,870	\$19,000
14	6/1/2021	4/30/2022	\$5,070	\$19,400
15	6/1/2022	4/30/2023	\$5,170	\$19,800
16	6/1/2023	4/30/2024	\$5,280	\$20,175
17	6/1/2024	4/30/2025	\$5,380	\$20,800
18	6/1/2025	4/30/2026	\$5,490	\$21,000
19	6/1/2026	4/30/2027	\$5,600	\$21,400
20	6/1/2027	4/30/2028	\$5,710	\$21,850
21	6/1/2028	4/30/2029	\$5,830	\$22,260
22	6/1/2029	4/30/2030	\$5,940	\$22,700
23	6/1/2030	4/30/2031	\$6,060	\$23,150
24	6/1/2031	4/30/2032	\$6,180	\$23,600
25	6/1/2032	4/30/2033	\$6,300	\$24,000

N

Plank, Kelsey

From: Schmidt, Joann U
Sent: Tuesday, July 31, 2018 1:02 PM
To: Plank, Kelsey
Cc: Pawlewicz, John S
Subject: FW: Lea Power Partners' Hobbs 2018 Performance Test Results

FYI, see below

Joann Schmidt
Xcel Energy | Responsible By Nature
Principal Financial Consultant
1800 Larimer Street, 12th Floor Denver, CO 80202
P: 303.571.2801
E: joann.u.schmidt@xcelenergy.com

XCELENERGY.COM

Please consider the environment before printing this email

From: Schuck, Jeanette R
Sent: Tuesday, July 31, 2018 12:50 PM
To: dl PComm
Subject: Lea Power Partners' Hobbs 2018 Performance Test Results

Heat rate and ramp rate tests were performed at the Lea Power Partners' Hobbs facility on June 13th. The net heat rate was determined to be 7,372 Btu/kWh, which is worse than the previous test result of 7,322 Btu/kWh, but better than the predicted net heat rate of 7,690 Btu/kWh. A new heat rate adjustment factor of .59% (decreased from 1.43%) will apply which represents the percentage increase to the fuel cost that can be expected when operating the facility. The ramp rate test met the requirements of the PPA and full dispatchability payments will continue to be made in accordance with the PPA.

Please let me know if you have any questions.

** Per Jeanette
the heat rate test results
are effective the first of the
month following the testing.*

Jeanette R. Schuck
Xcel Energy | Responsible By Nature
Purchased Power Analyst
1800 Larimer Street, Suite 1000, Denver, CO 80202
P: 303.571.7428 F: 303.571.6319
E: jeanette.r.schuck@xcelenergy.com

XCELENERGY.COM

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Lea Power Partners, LLC
Power Purchase Agreement Invoice
919 Milam Street, Suite 2300
Houston, Texas 77002

Date: September 10, 2018
Invoice: LEA0818

To: Southwestern Public Service Company
c/o Xcel Energy
1800 Larimer St, Floor 12
Denver, Colorado 80202
Phone: 303.294.2176
Attention: Watson, Bill A
Email: Bill.A.Watson@xcelenergy.com

Summary of Payment Calculation

Sales: Aug-18

Capacity Payment	B ₁	\$ 4,054,147.39 (1)
Energy Payment	B ₃	\$ 759,019.16 (2)
Dispatchability Payment	B ₂	\$ 149,617.29 (3)
Heat Rate Adjustment Payment	B ₄	\$ 44,075.12 (4)
Turbine Start Payment		\$ -
Total Invoice:	B ₅	<u>\$ 5,006,858.96 (5)</u>

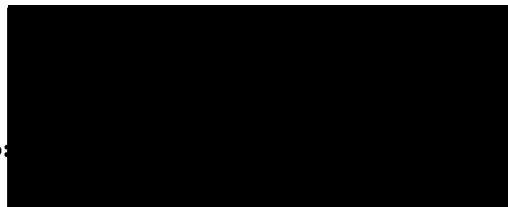
Please Remit Payment By: September 27, 2018
IF PAYMENT IS NOT RECEIVED BY THE DUE DATE A LATE PAYMENT CHARGE
WILL BE APPLIED AS INDICATED BY THE CONTRACT TERMS

For questions regarding this invoice, please contact Jian Casey at 713.358.9749; Fax 713.358.9730

Payable To: Bank

ABA
Acct

Further Credit to:
Ref



Southwestern Public Service Company

**Lea Power Partners, LLC
Purchase Power Payment Calculation
August 2018**

Actual 2018-08

General Information

Commercial Operation Date

September 16, 2008

Net Capability

I₁ 604,000 kW

Capacity Price

J₁ \$7.207 /kW-Month

Tolling Price

K₁ \$2.20 /MWh

Turbine Start Price

K₂ \$4,780.00 /Turb. Start

Test Energy Price

\$55.31 /MWh

Contract Energy

C₁ 345,009 MWh

Test Energy

0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF	
<i>I₁</i> 604,000	7.207	<i>D₁</i> 0.9313	\$ 4,054,147.39 <i>(1)</i>

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF	
<i>I₁</i> 604,000	<i>I₂</i> 0.25	<i>E₁</i> 0.9908	149,617.29 <i>(2)</i>

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh	
<i>C₁</i> 345,009	<i>K₁</i> \$2.20	759,019.16 <i>(3)</i>

Prior Month Heat Rate Adjustment

See HRA Sheet	7/1/2018	<i>F₁</i> 44,075.12 <i>(4)</i>
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Turbine Starts

Payable Turb Starts	Price \$/Start
<i>H₁</i> 0	<i>K₂</i> \$4,780.00

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total

\$ 5,006,858.96 *(5)*

Note: All support is in the following file path:

Southwestern Public Service Company
 Lea Power Partners
 2018-08 Lea Billing Final.xlsx

Lea Power Hobbs
 Summary of Meter Data
 August 2018

Turbine	Service Point ID	Recorder ID	Unit	IEE KWh	KWh Per LPP	Variance
77433T	0304127239E03	304127239000	HOBBSCTG1	108,767,862	108,768,576	(714)
77434T	0304127239E01	3041272390	HOBBSCTG2	95,899,677	95,967,408	(67,731)
77435T	0304127239E02	30412723900	HOBBSSTG3	140,341,170	140,639,232	(298,062)
				345,008,709	345,375,216	(366,507) *

* Small variance is expected
 Bill based on SPS IEE Meter Volumes



Capacity Availability Factor Calculation
August 2018

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9313	7.207	\$4,054,147.39

①

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
Aug-18 ✓	449,376	397,794	0	0.8852
Jul-18	449,376	427,061	0	0.9503
Jun-18	434,880	411,574	0	0.9464
May-18	449,376	308,604	117,988	0.9573
Apr-18	434,880	414,760	0	0.9537
Mar-18	448,772	436,093	0	0.9717
Feb-18	405,888	397,407	0	0.9791
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
Oct-17	449,376	255,106	185,450	0.9804
Sep-17 ✓	434,880	281,663	0	0.6477
12 Month Average	440,920	384,028	26,405	0.9313396081 ✓

0

**Dispatchability Availability Factor Calculation
August 2018**

Per Section 8.2 of the PPA

Net Capability (kW)	DAF	Rate (\$/kW-Mo)	Total
604,000	0.9908 ✓	0.25	\$149,617.29

DAF Calculation: (12 month Average Hours on-control/Hours on-line) X RAF= **0.99084296**

Note: RAF=1.00 per Section 2 of the Settlement Agreement dated 8/19/10 and results of 10/18/11 Ramp Rate Test Report.

12 Month Rolling Average Hours on-control/Hours on-line Calculation

Month	Hours on Line	Hours on Control	Avg Hrs on- control/Hrs on-line
Aug-18	742.0	736.5	0.9926
Jul-18	744.0	744.0	1.0000
Jun-18	720.0	703.6	0.9772
May-18	561.0	561.0	1.0000
Apr-18	716.0	716.0	1.0000
Mar-18	743.0	743.0	1.0000
Feb-18	672.0	672.0	1.0000
Jan-18	665.0	659.5	0.9917
Dec-17	679.0	677.3	0.9976
Nov-17	660.0	655.6	0.9933
Oct-17	439.0	430.9	0.9816
Sep-17	512.0	489.5	0.9561
12 Month Average	654.42	649.08	0.9908 ✓

E

**Heat Rate Adjustment
(One Month Lag to Billing Month)**

Per Section 8.4 of the PPA

Predicted Net Heat Rate (P):	L2 7,690 Btu/kWh
Actual Net Heat Rate (A):	L1 7,372 Btu/kWh
Fuel Delivered	G2 2,934,730 mmBtu
Purchased Cost of Fuel Delivered	\$ G1 7,479,785.24
Price of Fuel (\$/mmBtu)	\$2.54871

If A > 1.0P:

$$\text{HRA} = \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [P/A])$$

If A < .97P:

$$\begin{aligned} \text{HRA} &= \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [(P \times 0.97)/A]) \times 0.50 \\ &= \text{\$44,075.12} \end{aligned}$$

If A <= 1.0P and A >= .97P:

$$\text{HRA} = \$0.00$$

NOTE: LPP Heat Test Report dated August 23, 2017 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

F

Document Number	Docu-ment Type	Fiscal Year	Posting Date	Document Date	Compl Document Header Text	Account	G/L Account Description	Order	Order Description	Reference Key 1	Reference Key 3	Text	Production Month	Post	Amount In LC	Quantity	Base Unit of Measure	Paried by	Reference
10158883	SA	2018	8/30/2018	8/30/2018	0013 228721 - Gas Alloc Act	5956071	Tollino Plant Gas Costs	200000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	ELPASONATU	HOBBSS Toll Fixed Charges		7/1/2018	40	198,327.95	0.000	228721	12164303	
10158883	SA	2018	8/30/2018	8/30/2018	0013 228721 - Gas Alloc Act	5956071	Tollino Plant Gas Costs	200000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	ELPASONATU	HOBBSS Toll Transact		7/1/2018	40	17,727.83	0.000	228721	12164303	
10158883	SA	2018	8/30/2018	8/30/2018	0013 228721 - Gas Alloc Act	5956071	Tollino Plant Gas Costs	200000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBSS Toll Purchases		7/1/2018	40	5,971,776.21	2,981,107,318 DTH	228721	12164303	
10158883	SA	2018	8/30/2018	8/30/2018	0013 228721 - Gas Alloc Act	5956071	Tollino Plant Gas Costs	200000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBSS Toll Fixed Charges		7/1/2018	40	44,659.80	0.000	228721	12164303	
10158883	SA	2018	8/30/2018	8/30/2018	0013 228721 - Gas Alloc Act	5956071	Tollino Plant Gas Costs	200000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBSS Toll Inbalance		7/1/2018	50	-175,469,203 DTH	0.000	228721	12164303	
10158883	SA	2018	8/30/2018	8/30/2018	0013 228721 - Gas Alloc Act	5956071	Tollino Plant Gas Costs	200000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBSS Toll Inbalance		7/1/2018	40	529,121,885 DTH	0.000	228721	12164303	
<p>7/1/2018 7,479,785.24 2,934,730.00</p>																			

G

Lea Power Partners, LLC
Hobbs Turbine Starts
August 2018

	<u>Unit 1</u>	<u>Unit 2</u>	<u>Total</u>
Aug-01			
Aug-02			
Aug-03			
Aug-04			
Aug-05			
Aug-06			
Aug-07			
Aug-08			
Aug-09			
Aug-10			
Aug-11			
Aug-12			
Aug-13			
Aug-14			
Aug-15			
Aug-16			
Aug-17			
Aug-18			
Aug-19			
Aug-20		1	1
Aug-21			
Aug-22			
Aug-23			
Aug-24			
Aug-25			
Aug-26			
Aug-27			
Aug-28			
Aug-29			
Aug-30			
Aug-31			
Total	0	1	1

Current Month Starts Charged 0
Amount per Start \$4,780
Total \$0

Month	Starts Monthly	YTD
Jan-18	4	4
Feb-18	0	4
Mar-18	0	4
Apr-18	0	4
May-18	2	6
Jun-18	0	6
Jul-18	0	6
Aug-18	1	7
Sep-18		7
Oct-18		7
Nov-18		7
Dec-18		7
YTD Total	7	7

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Note: SPS Commercial previously ran a report from the links below to confirm the starts that Lea is reporting, however per discussion with Jeanette Schuck on 12/28/16, these reports are often not complete and accurate and she does her own review as part of her approval process. As such, SPS will no longer run this report and will accrue based solely on the Lea Power file and billing will be based on Jeanette's approval.

SPS Commercial Operations Log
<http://cotools.xcelenergy.com/>
<http://cclcap03.xcelenergy.com:37080/opslog/isp/OpsLog.jsp>
(Saved Reports - Hobbs Start/Stop)

H

Mount, Helen M

From: Tom Motley [tmotley@camstex.com]
Sent: Tuesday, October 21, 2008 9:47 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

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713-751-8877 ext. 318

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C-5 J

Hobbs Generating Station
PPA Tables

Commercial Operation Period	Capacity Price (\$/kW-month)
6/1/2008 - 4/30/2033	\$7.31

Period	Contract Year		Tolling Price (\$/MWh)
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8	5/1/2015	4/30/2016	\$4,500	\$16,875
9	5/1/2016	4/30/2017	\$4,590	\$17,200
10	5/1/2017	4/30/2018	\$4,680	\$17,530
11	5/1/2018	4/30/2019	\$4,780	\$17,900
12	5/1/2019	4/30/2020	\$4,870	\$18,240
13	5/1/2020	4/30/2021	\$4,970	\$18,600
14	5/1/2021	4/30/2022	\$5,070	\$19,000
15	5/1/2022	4/30/2023	\$5,170	\$19,400
16	5/1/2023	4/30/2024	\$5,280	\$19,800
17	5/1/2024	4/30/2025	\$5,380	\$20,175
18	5/1/2025	4/30/2026	\$5,490	\$20,600
19	5/1/2026	4/30/2027	\$5,600	\$21,000
20	5/1/2027	4/30/2028	\$5,710	\$21,400
21	5/1/2028	4/30/2029	\$5,830	\$21,850
22	5/1/2029	4/30/2030	\$5,940	\$22,260
23	5/1/2030	4/30/2031	\$6,060	\$22,700
24	5/1/2031	4/30/2032	\$6,180	\$23,150
25	5/1/2032	4/30/2033	\$6,300	\$23,600

K
A
17

Watson, Bill A

From: Schmidt, Joann U
Sent: Tuesday, July 31, 2018 1:02 PM
To: Plank, Kelsey
Cc: Pawlewicz, John S
Subject: FW: Lea Power Partners' Hobbs 2018 Performance Test Results

FYI, see below

Joann Schmidt
Xcel Energy | Responsible By Nature
Principal Financial Consultant
1800 Larimer Street, 12th Floor Denver, CO 80202
P : 303.571.2801
E : joann.u.schmidt@xcelenergy.com

XCELENERGY.COM

Please consider the environment before printing this email

From: Schuck, Jeanette R
Sent: Tuesday, July 31, 2018 12:50 PM
To: dl PPComm
Subject: Lea Power Partners' Hobbs 2018 Performance Test Results

Heat rate and ramp rate tests were performed at the Lea Power Partners' Hobbs facility on June 13th. The net heat rate was determined to be 7,372 Btu/kWh, which is worse than the previous test result of 7,322 Btu/kWh, but better than the predicted net heat rate of 7,690 Btu/kWh. A new heat rate adjustment factor of .59% (decreased from 1.43%) will apply which represents the percentage increase to the fuel cost that can be expected when operating the facility. The ramp rate test met the requirements of the PPA and full dispatchability payments will continue to be made in accordance with the PPA.

Please let me know if you have any questions.

Jeanette R. Schuck
Xcel Energy | Responsible By Nature
Purchased Power Analyst
1800 Larimer Street, Suite 1000, Denver, CO 80202
P : 303.571.7428 F : 303.571.6319

Lea Power Partners, LLC
Power Purchase Agreement Invoice
919 Milam Street, Suite 2300
Houston, Texas 77002

Date: October 9, 2018
Invoice: LEA0918

To: Southwestern Public Service Company
c/o Xcel Energy
1800 Larimer St, Floor 12
Denver, Colorado 80202
Phone: 303.294.2176
Attention: Watson, Bill A
Email: Bill.A.Watson@xcelenergy.com

Summary of Payment Calculation

Sales: Sep-18

Capacity Payment	B1 \$	4,167,121.65 ✓
Energy Payment	B3 \$	808,458.44 ✓
Dispatchability Payment	B2 \$	150,013.39 ✓
Heat Rate Adjustment Payment	B4 \$	33,375.55 ✓
Turbine Start Payment	\$	-
Total Invoice:	B5 \$	<u>5,158,969.03 ✓</u>

Please Remit Payment By: October 30, 2018
IF PAYMENT IS NOT RECEIVED BY THE DUE DATE A LATE PAYMENT CHARGE
WILL BE APPLIED AS INDICATED BY THE CONTRACT TERMS

For questions regarding this invoice, please contact Jian Casey at 713.358.9749; Fax 713.358.9730

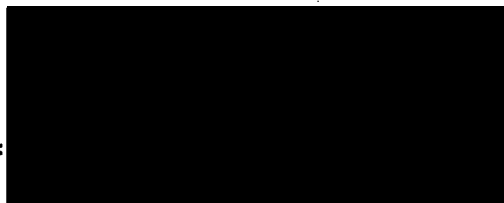
Payable To: Bank

ABA

Acct

Further Credit to:

Ref



Southwestern Public Service Company

Lea Power Partners, LLC
Purchase Power Payment Calculation
September 2018

Actual 2018-09

General Information

Commercial Operation Date

September 16, 2008

Net Capability

I₁ 604,000 kW (7)

Capacity Price

J₁ \$7.207 /kW-Month

Tolling Price

K₁ \$2.20 /MWh

Turbine Start Price

K₂ \$4,780.00 /Turb. Start

Test Energy Price

\$55.31 /MWh

Contract Energy

C₁ 367,481 MWh (6)

Test Energy

0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF	
I ₁ 604,000	J ₁ 7.207	D ₁ 0.9573	\$ 4,167,121.65 (1)

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF	
I ₁ 604,000	J ₂ 0.25	E ₁ 0.9935	150,013.39 (2)

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh	
C ₁ 367,481	K ₁ \$2.20	808,458.44 (3)

Prior Month Heat Rate Adjustment

See HRA Sheet 8/1/2018 F₁ 33,375.55 (4)

Turbine Starts

Payable Turb Starts	Price \$/Start
H ₁ 0	K ₂ \$4,780.00

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total

\$ 5,158,969.03 (5)

Note: All support is in the following file path:

B

Southwestern Public Service Company
 Lea Power Partners
 2018-09 Lea Billing Final.xlsx

Lea Power Hobbs
 Summary of Meter Data
 September 2018

Turbine	Service Point ID	Recorder ID	Unit	IEE KWh	KWh Per LPP	Variance
77433T	0304127239E03	304127239000	HOBBSCTG1	104,433,047	104,118,464	314,583
77434T	0304127239E01	3041272390	HOBBSCTG2	108,889,984	108,622,880	267,104
77435T	0304127239E02	30412723900	HOBBSSTG3	154,158,081	154,414,304	(256,223)
				367,481,111	367,155,648	325,463 *
						0.09%

* Small variance is expected
 Bill based on SPS IEE Meter Volumes

Capacity Availability Factor Calculation
September 2018

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9573	7.207	\$4,167,121.65

①

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
Sep-18	435,484	411,266	6,430	0.9592
Aug-18	449,376	397,794	0	0.8852
Jul-18	449,376	427,061	0	0.9503
Jun-18	434,880	411,574	0	0.9464
May-18	449,376	308,604	121,567	0.9573
Apr-18	434,880	414,760	0	0.9537
Mar-18	448,772	436,093	0	0.9717
Feb-18	405,888	397,407	0	0.9791
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
Oct-17	449,376	255,106	185,450	0.9804
12 Month Average	440,970	394,828	27,239	0.9572926366

①

**Dispatchability Availability Factor Calculation
September 2018**

Per Section 8.2 of the PPA

Net Capability (kW)	DAF	Rate (\$/kW-Mo)	Total
604,000	0.9935	0.25	\$150,013.39

①

DAF Calculation: (12 month Average Hours on-control/Hours on-line) X RAF= **0.99346615**

Note: RAF=1.00 per Section 2 of the Settlement Agreement dated 8/19/10 and results of 10/18/11 Ramp Rate Test Report.

12 Month Rolling Average Hours on-control/Hours on-line Calculation

Month	Hours on Line	Hours on Control	Avg Hrs on- control/Hrs on-line
Sep-18	720.0	711.1	0.9876
Aug-18	742.0	736.5	0.9926
Jul-18	744.0	744.0	1.0000
Jun-18	720.0	703.6	0.9772
May-18	561.0	561.0	1.0000
Apr-18	716.0	716.0	1.0000
Mar-18	743.0	743.0	1.0000
Feb-18	672.0	672.0	1.0000
Jan-18	665.0	659.5	0.9917
Dec-17	679.0	677.3	0.9976
Nov-17	660.0	655.6	0.9933
Oct-17	439.0	430.9	0.9816
12 Month Average	671.75	667.54	0.9935

E

**Heat Rate Adjustment
(One Month Lag to Billing Month)**

Per Section 8.4 of the PPA

Predicted Net Heat Rate (P):	L2 7,689.64 Btu/kWh
Actual Net Heat Rate (A):	L1 7,372.07 Btu/kWh
Fuel Delivered	G2 2,565,814 mmBtu
Purchased Cost of Fuel Delivered	\$ G1 5,664,011.62
Price of Fuel (\$/mmBtu)	\$2.20749

If A > 1.0P:

$$\text{HRA} = \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [P/A])$$

If A < .97P:

$$\begin{aligned} \text{HRA} &= \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [(P \times 0.97)/A]) \times 0.50 \\ &= -\$33,375.55 \end{aligned}$$

If A <= 1.0P and A >= .97P:

$$\text{HRA} = \$0.00$$

NOTE: LPP Heat Test Report dated August 23, 2017 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

F

Document Number	Doc Type	Fiscal Year	Posting Date	Document Date	Comp Document Header Text	Account	GL Account Description	Order	Order Description	Reference Key 1	Refers to Key 3	Text	Production Month	Amount in LC	Quantity	Blank Unit or Base	Parfiled By	Reference
10183324	SA	2018	9/29/2018	9/29/2018	228721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	20000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	ELPASONATU	HOBBS Toll Fixed Charges		8/1/2018 40	222,811.06	0.000	230931	12164303	
10183324	SA	2018	9/29/2018	9/29/2018	228721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	20000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	ASONATU	HOBBS Toll Transport		8/1/2018 40	18,711.19	0.000	230931	12164303	
10183324	SA	2018	9/29/2018	9/29/2018	228721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	20000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHMATGA	HOBBS Toll Fixed Charges		8/1/2018 40	5,372,455.11	2,620.876	230931	12164303	
10183324	SA	2018	9/29/2018	9/29/2018	228721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	20000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHMATGA	HOBBS Toll Transport		8/1/2018 40	40,827.55	0.000	230931	12164303	
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10183324	SA	2018	9/29/2018	9/29/2018	228721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	20000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHMATGA	HOBBS Toll Inbalance		8/1/2018 50	-975,016.02	-318,175.861	230931	12164303	

8/1/2018 5,664,011.62 2,565,814.00

6

Lea Power Partners, LLC
Hobbs Turbine Starts
September 2018

	<u>Unit 1</u>	<u>Unit 2</u>	<u>Total</u>
Sep-01	-	-	-
Sep-02	-	-	-
Sep-03	-	-	-
Sep-04	-	-	-
Sep-05	-	-	-
Sep-06	-	-	-
Sep-07	-	-	-
Sep-08	-	-	-
Sep-09	-	-	-
Sep-10	-	-	-
Sep-11	1	-	1
Sep-12	-	-	-
Sep-13	1	-	1
Sep-14	-	-	-
Sep-15	-	-	-
Sep-16	-	-	-
Sep-17	-	-	-
Sep-18	-	-	-
Sep-19	-	-	-
Sep-20	-	-	-
Sep-21	-	-	-
Sep-22	-	-	-
Sep-23	-	-	-
Sep-24	-	-	-
Sep-25	-	-	-
Sep-26	-	-	-
Sep-27	-	-	-
Sep-28	-	-	-
Sep-29	-	-	-
Sep-30	-	-	-
Oct-01	-	-	-
Total	<u>2</u>	<u>0</u>	<u>2</u>

Current Month Starts Charged	0
Amount per Start	<u>\$4,780</u>
Total	<u>\$0</u>

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YTD Total	<u>9</u>	

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8	5/1/2015	4/30/2016	\$4,500	\$16,875
9	5/1/2016	4/30/2017	\$4,590	\$17,200
10	5/1/2017	4/30/2018	\$4,680	\$17,530
11	5/1/2018	4/30/2019	\$4,780	\$17,900
12	5/1/2019	4/30/2020	\$4,870	\$18,240
13	5/1/2020	4/30/2021	\$4,970	\$18,600
14	5/1/2021	4/30/2022	\$5,070	\$19,000
15	5/1/2022	4/30/2023	\$5,170	\$19,400
16	5/1/2023	4/30/2024	\$5,280	\$19,800
17	5/1/2024	4/30/2025	\$5,380	\$20,175
18	5/1/2025	4/30/2026	\$5,490	\$20,600
19	5/1/2026	4/30/2027	\$5,600	\$21,000
20	5/1/2027	4/30/2028	\$5,710	\$21,400
21	5/1/2028	4/30/2029	\$5,830	\$21,850
22	5/1/2029	4/30/2030	\$5,940	\$22,260
23	5/1/2030	4/30/2031	\$6,060	\$22,700
24	5/1/2031	4/30/2032	\$6,180	\$23,150
25	5/1/2032	4/30/2033	\$6,300	\$23,600

K
A
17

Watson, Bill A

From: Schmidt, Joann U
Sent: Tuesday, July 31, 2018 1:02 PM
To: Plank, Kelsey
Cc: Pawlewicz, John S
Subject: FW: Lea Power Partners' Hobbs 2018 Performance Test Results

FYI, see below

Joann Schmidt
Xcel Energy | Responsible By Nature
Principal Financial Consultant
1800 Larimer Street, 12th Floor Denver, CO 80202
P: 303.571.2801
E: joann.u.schmidt@xcelenergy.com

XCELENERGY.COM

Please consider the environment before printing this email

From: Schuck, Jeanette R
Sent: Tuesday, July 31, 2018 12:50 PM
To: dl PPComm
Subject: Lea Power Partners' Hobbs 2018 Performance Test Results

Heat rate and ramp rate tests were performed at the Lea Power Partners' Hobbs facility on June 13th. The net heat rate was determined to be 7,372 Btu/kWh, which is worse than the previous test result of 7,322 Btu/kWh, but better than the predicted net heat rate of 7,690 Btu/kWh. A new heat rate adjustment factor of .59% (decreased from 1.43%) will apply which represents the percentage increase to the fuel cost that can be expected when operating the facility. The ramp rate test met the requirements of the PPA and full dispatchability payments will continue to be made in accordance with the PPA.

Please let me know if you have any questions.

Jeanette R. Schuck
Xcel Energy | Responsible By Nature
Purchased Power Analyst
1800 Larimer Street, Suite 1000, Denver, CO 80202
P: 303.571.7428 F: 303.571.6319

Lea Power Partners, LLC
Power Purchase Agreement Invoice
919 Milam Street, Suite 2300
Houston, Texas 77002

Date: November 14, 2018
Invoice: LEA1018

To: Southwestern Public Service Company
c/o Xcel Energy
1800 Larimer St, Floor 12
Denver, Colorado 80202
Phone: 303.294.2176
Attention: Watson, Bill A
Email: Bill.A.Watson@xcelenergy.com

Summary of Payment Calculation

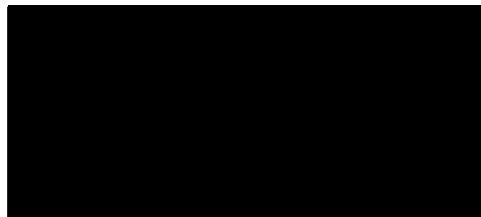
Sales: Oct-18

Capacity Payment	B1	\$ 4,129,496.67 ✓
Energy Payment	B3	\$ 756,702.69 ✓
Dispatchability Payment	B2	\$ 149,678.02 ✓
Heat Rate Adjustment Payment	B4	\$ 32,886.87 ✓
Turbine Start Payment		\$ -
Total Invoice:	B5	<u>\$ 5,068,764.25</u>

Please Remit Payment By: November 29, 2018
IF PAYMENT IS NOT RECEIVED BY THE DUE DATE A LATE PAYMENT CHARGE
WILL BE APPLIED AS INDICATED BY THE CONTRACT TERMS

For questions regarding this invoice, please contact Jian Casey at 713.358.9749; Fax 713.358.9730

Payable To: Bank
ABA
Acct
Further Credit to:
Ref



Southwestern Public Service Company

Lea Power Partners, LLC
Purchase Power Payment Calculation
October 2018

Actual 2018-10

General Information

Commercial Operation Date

September 16, 2008

Net Capability

I₁ 604,000 kW (7)

Capacity Price

J₁ \$7.207 /kW-Month

Tolling Price

K₁ \$2.20 /MWh

Turbine Start Price

K₂ \$4,780.00 /Turb. Start

Test Energy Price

\$55.31 /MWh

Contract Energy

C₁ 343,956 MWh (6)

Test Energy

0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF	
<i>I₁</i> 604,000	<i>J₁</i> 7.207	<i>D₁</i> 0.9486	\$ 4,129,496.67 (1)

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF	
<i>I₁</i> 604,000	<i>J₂</i> 0.25	<i>E₁</i> 0.9912	149,678.02 (2)

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh	
<i>C₁</i> 343,956	<i>K₁</i> \$2.20	756,702.69 (3)

Prior Month Heat Rate Adjustment

See HRA Sheet	9/1/2018	<i>F₁</i> 32,886.87 (4)
---------------	----------	------------------------------------

Turbine Starts

Payable Turb Starts	Price \$/Start
<i>H₁</i> 0	<i>K₂</i> \$4,780.00

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total

\$ 5,068,764.25 (5)

Note: All support is in the following file path:

B

Southwestern Public Service Company
 Lea Power Partners
 2018-10 Lea Billing Final.xlsx

Lea Power Hobbs
 Summary of Meter Data
 October 2018

Turbine	Service Point ID	Recorder ID	Unit	IEE KWh	KWh Per LPP	Variance
77433T	0304127239E03	304127239000	HOBBSCTG1	101,747,655	101,463,296	284,359
77434T	0304127239E01	3041272390	HOBBSCTG2	101,301,254	101,023,648	277,606
77435T	0304127239E02	30412723900	HOBBSSTG3	140,906,859	140,970,816	(63,957)
				343,955,768	343,457,760	498,008 *

0.14%

* Small variance is expected
 Bill based on SPS IEE Meter Volumes

Capacity Availability Factor Calculation
October 2018

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9486	7.207	\$4,129,496.67

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
Oct-18	435,484	381,768	0	0.8767
Sep-18	435,484	411,266	6,430	0.9592
Aug-18	449,376	397,794	0	0.8852
Jul-18	449,376	427,061	0	0.9503
Jun-18	434,880	411,574	0	0.9464
May-18	449,376	308,604	121,567	0.9573
Apr-18	434,880	414,760	0	0.9537
Mar-18	448,772	436,093	0	0.9717
Feb-18	405,888	397,407	0	0.9791
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
12 Month Average	439,813	405,383	11,785	0.9486492311

D

**Dispatchability Availability Factor Calculation
October 2018**

Per Section 8.2 of the PPA

Net Capability (kW)	DAF	Rate (\$/kW-Mo)	Total
604,000	0.9912 ^①	0.25	\$149,678.02

DAF Calculation: (12 month Average Hours on-control/Hours on-line) X RAF= **0.99124519**

Note: RAF=1.00 per Section 2 of the Settlement Agreement dated 8/19/10 and results of 10/18/11 Ramp Rate Test Report.

12 Month Rolling Average Hours on-control/Hours on-line Calculation

Month	Hours on Line	Hours on Control	Avg Hrs on- control/Hrs on-line
Oct-18	729.0	696.2	0.9550
Sep-18	720.0	711.1	0.9876
Aug-18	742.0	736.5	0.9926
Jul-18	744.0	744.0	1.0000
Jun-18	720.0	703.6	0.9772
May-18	561.0	561.0	1.0000
Apr-18	716.0	716.0	1.0000
Mar-18	743.0	743.0	1.0000
Feb-18	672.0	672.0	1.0000
Jan-18	665.0	659.5	0.9917
Dec-17	679.0	677.3	0.9976
Nov-17	660.0	655.6	0.9933
12 Month Average	695.92	689.65	0.9912

E

**Heat Rate Adjustment
(One Month Lag to Billing Month)**

Per Section 8.4 of the PPA

Predicted Net Heat Rate (P):	L2 7,689.64 Btu/kWh
Actual Net Heat Rate (A):	L1 7,372.07 Btu/kWh
Fuel Delivered	G2 2,721,530 mmBtu ✓
Purchased Cost of Fuel Delivered	\$ G1 5,581,078.52 ✓
Price of Fuel (\$/mmBtu)	\$2.05071

If A > 1.0P:

$$\text{HRA} = \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [P/A])$$

If A < .97P:

$$\begin{aligned} \text{HRA} &= \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [(P \times 0.97)/A]) \times 0.50 \\ &= \text{\$32,886.87} \text{ (1)} \end{aligned}$$

If A ≤ 1.0P and A ≥ .97P:

$$\text{HRA} = \$0.00$$

NOTE: LPP Heat Test Report dated August 23, 2017 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

F

Document Number	Document Type	Fiscal Year	Posting Date	Document Date	Header Text	Account	GL Account Description	Order	Order Description	Reference Key 1	Reference Key 3	Text	Production Month	Final Amount In LC	Quantity	Base Unit of Measure	Paired by	Reference
1025078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	200000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	ELPASONATU	HOBBS Toll Paid Charges		9/1/2018	40	291,149.08	0.000	230931	12164303
1025078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	200000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	ELPASONATU	HOBBS Toll Transact		9/1/2018	40	16,561.70	0.000	230931	12164303
1025078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	200000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBS Toll Purchase		9/1/2018	40	3,968,450.22	2,385,467,536 DTH	230931	12164303
1025078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	200000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBS Toll Paid Charges		9/1/2018	40	737,030.23	0.000	230931	12164303
1025078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	200000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBS Toll Transact		9/1/2018	40	1,011,776.26	0.000	230931	12164303
1025078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	200000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBS Toll Inbalance		9/1/2018	40	827,443.98	457,850,720 DTH	230931	12164303
													9/1/2018		5,581,078.52			
															2,721,530.00			

6

	<u>Unit 1</u>	<u>Unit 2</u>	<u>Total</u>
Oct-01			
Oct-02			
Oct-03			
Oct-04			
Oct-05			
Oct-06			
Oct-07			
Oct-08			
Oct-09			
Oct-10			
Oct-11			
Oct-12		1	1
Oct-13			
Oct-14			
Oct-15		1	1
Oct-16			
Oct-17			
Oct-18			
Oct-19			
Oct-20			
Oct-21			
Oct-22			
Oct-23			
Oct-24	-	-	
Oct-25	-		
Oct-26			
Oct-27			
Oct-28			
Oct-29			
Oct-30			
Oct-31			
Total	0	2	2

Current Month Starts Charged	0
Amount per Start	\$4,780
Total	\$0

	Starts	
Month	Monthly	YTD
Jan-18	4	4
Feb-18	0	4
Mar-18	0	4
Apr-18	0	4
May-18	2	6
Jun-18	0	6
Jul-18	0	6
Aug-18	1	7
Sep-18	2	9
Oct-18	2	11
Nov-18		11
Dec-18		11
YTD Total	11	11

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Mount, Helen M

From: Tom Motley [tmotley@camstex.com]
Sent: Tuesday, October 21, 2008 9:47 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Thanks Jeff, that clears everything up for us.

Tom Motley
713-751-8877 ext. 318

From: Hild, Jeffrey P [mailto:jeff.hild@xcelenergy.com]
Sent: Tuesday, October 21, 2008 9:04 AM
To: Tom Motley
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Tom,
As I indicated in my email below, and as I mentioned in my voice message to you, the capacity price is reduced from \$7.31 to \$7.21 because of adjustments provided for in Sections 5.1(B) and 5.6(A) of the PPA. Section 5.1(B) provides for an adjustment, up or down, associated with costs paid by LPP toward the Electrical Interconnection in excess of or less than \$2.7 million. I have attached a scanned copy of page 80 from the Large Generator Interconnection Agreement (part of Appendix A of the LGIA) which indicates an estimate of these costs of \$693,737, \$100,000 of which was already paid. I have also attached an email indicating payment was made of the remaining balance. Therefore, an adjustment is made to the capacity price of $-(0.0023 * (27-6.94)) = -\0.0461 .

Similarly, Section 5.6(A) of the PPA provides for an adjustment, up or down, associated with costs paid by LPP toward the upstream connecting pipeline in excess of or less than \$2.475 million. Based on the gas interconnection and transportation agreements, LPP did not pay any costs on the upstream connecting pipeline - these costs are being paid by SPS through its gas transportation agreement. Therefore, an adjustment is made to the capacity price of $-(24.75 * 0.0023) = -\$0.0569$.

Put together these adjustments reduced the capacity price by \$0.103 which results in an adjusted capacity price of \$7.207/kW-month. Let me know if you have any questions on my calculations for these adjustments.

Roger Schnabel provided us with the back up meter data for the steam turbine, and I concur that there was 24,188 MWh generated from September 1 through September 16 HE 1. Although I did include this generation in my calculation of the September billing statement, I added the steam turbine generation, which was in MWh, to our meter data which was in kWh. This obviously discounted the generation data provided by Roger significantly (by a factor of 1000) compared to the SPS metered generation. I have corrected this and have attached a revised billing statement, now reflecting 74,570 MWh of Test Energy for the month of September. I apologize for the mistake and any confusion this may have created.

Let me know if you have questions on any of this. I will be in the office this morning and then out this afternoon but available by cell phone (720-273-5464). I will then be out of the office and unavailable starting tomorrow through the end of the month. I will address any questions that come up after today when I return on November 3. To ensure timely processing, please be sure to copy Helen Mount (copied on this email) when you send out the September Invoice. Thanks.

Jeff

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Saturday, October 18, 2008 5:26 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen

C-5

J

16

Hobbs Generating Station
PPA Tables

Commercial Operation Period 6/1/2008 - 4/30/2033	Capacity Price (\$/kW-month) \$7.31
--	---

Period	Contract Year		Tolling Price (\$/MWh)
	Begin	End	
1	6/1/2008	4/30/2009	\$1.75
2	5/1/2009	4/30/2010	\$1.79
3	5/1/2010	4/30/2011	\$1.83
4	5/1/2011	4/30/2012	\$1.87
5	5/1/2012	4/30/2013	\$1.92
6	5/1/2013	4/30/2014	\$1.96
7	5/1/2014	4/30/2015	\$2.01
8	5/1/2015	4/30/2016	\$2.05
9	5/1/2016	4/30/2017	\$2.10
10	5/1/2017	4/30/2018	\$2.15
11	5/1/2018	4/30/2019	\$2.20
12	5/1/2019	4/30/2020	\$2.25
13	5/1/2020	4/30/2021	\$2.30
14	5/1/2021	4/30/2022	\$2.35
15	5/1/2022	4/30/2023	\$2.41
16	5/1/2023	4/30/2024	\$2.46
17	5/1/2024	4/30/2025	\$2.52
18	5/1/2025	4/30/2026	\$2.58
19	5/1/2026	4/30/2027	\$2.64
20	5/1/2027	4/30/2028	\$2.70
21	5/1/2028	4/30/2029	\$2.76
22	5/1/2029	4/30/2030	\$2.82
23	5/1/2030	4/30/2031	\$2.89
24	5/1/2031	4/30/2032	\$2.95
25	5/1/2032	4/30/2033	\$3.02

Period	Contract Year		<= 200 starts	> 200 starts
	Begin	End		
1	6/1/2008	4/30/2009	\$4,000	\$15,000
2	5/1/2009	4/30/2010	\$4,000	\$15,000
3	5/1/2010	4/30/2011	\$4,080	\$15,300
4	5/1/2011	4/30/2012	\$4,160	\$15,600
5	5/1/2012	4/30/2013	\$4,240	\$15,900
6	5/1/2013	4/30/2014	\$4,330	\$16,230
7	5/1/2014	4/30/2015	\$4,400	\$16,500
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24	5/1/2031	4/30/2032	\$6,180	\$23,150
25	5/1/2032	4/30/2033	\$6,300	\$23,600

A. K
17

Watson, Bill A

From: Schmidt, Joann U
Sent: Tuesday, July 31, 2018 1:02 PM
To: Plank, Kelsey
Cc: Pawlewicz, John S
Subject: FW: Lea Power Partners' Hobbs 2018 Performance Test Results

FYI, see below

Joann Schmidt
Xcel Energy | Responsible By Nature
Principal Financial Consultant
1800 Larimer Street, 12th Floor Denver, CO 80202
P: 303.571.2801
E: joann.u.schmidt@xcelenergy.com

XCELENERGY.COM

Please consider the environment before printing this email

From: Schuck, Jeanette R
Sent: Tuesday, July 31, 2018 12:50 PM
To: dl PPComm
Subject: Lea Power Partners' Hobbs 2018 Performance Test Results

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Please let me know if you have any questions.

Jeanette R. Schuck
Xcel Energy | Responsible By Nature
Purchased Power Analyst
1800 Larimer Street, Suite 1000, Denver, CO 80202
P: 303.571.7428 F: 303.571.6319

Lea Power Partners, LLC
Power Purchase Agreement Invoice
919 Milam Street, Suite 2300
Houston, Texas 77002

Date: November 14, 2018
Invoice: LEA1018

To: Southwestern Public Service Company
c/o Xcel Energy
1800 Larimer St, Floor 12
Denver, Colorado 80202
Phone: 303.294.2176
Attention: Watson, Bill A
Email: Bill.A.Watson@xcelenergy.com

Summary of Payment Calculation

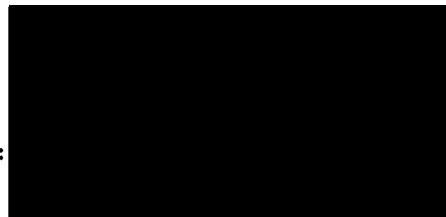
Sales: Oct-18

Capacity Payment	B ₁	\$ 4,129,496.67 ✓
Energy Payment	B ₃	\$ 756,702.69 ✓
Dispatchability Payment	B ₂	\$ 149,678.02 ✓
Heat Rate Adjustment Payment	B ₄	\$ 32,886.87 ✓
Turbine Start Payment		\$ -
Total Invoice:	B ₅	<u>\$ 5,068,764.25</u>

Please Remit Payment By: November 29, 2018
IF PAYMENT IS NOT RECEIVED BY THE DUE DATE A LATE PAYMENT CHARGE
WILL BE APPLIED AS INDICATED BY THE CONTRACT TERMS

For questions regarding this invoice, please contact Jian Casey at 713.358.9749; Fax 713.358.9730

Payable To: Bank
ABA
Acct
Further Credit to:
Ref



Southwestern Public Service Company

Lea Power Partners, LLC
Purchase Power Payment Calculation
October 2018

Actual 2018-10

General Information

Commercial Operation Date

September 16, 2008

Net Capability

I₁ 604,000 kW (7)

Capacity Price

J₁ \$7.207 /kW-Month

Tolling Price

K₁ \$2.20 /MWh

Turbine Start Price

K₂ \$4,780.00 /Turb. Start

Test Energy Price

\$55.31 /MWh

Contract Energy

E₁ 343,956 MWh (6)

Test Energy

0 MWh

Payment Calculation

Payment for Contract Capacity

Net Capability	Price \$/kW-Mo	12 Mo Avg. CAF	
I ₁ 604,000	J ₁ 7.207	D ₁ 0.9486	\$ 4,129,496.67 (1)

Payment for Dispatchability

Net Capability	Price \$/kW-Mo	DAF	
I ₁ 604,000	J ₂ 0.25	E ₁ 0.9912	149,678.02 (2)

Payment for Energy Tolling

Contract Energy (MWh)	Price \$/MWh	
E ₁ 343,956	K ₁ \$2.20	756,702.69 (3)

Prior Month Heat Rate Adjustment

See HRA Sheet	9/1/2018	F ₁ 32,886.87 (4)
---------------	----------	------------------------------

Turbine Starts

Payable Turb Starts	Price \$/Start
H ₁ 0	K ₂ \$4,780.00

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

Total

\$ 5,068,764.25 (5)

Note: All support is in the following file path:

B

Southwestern Public Service Company
 Lea Power Partners
 2018-10 Lea Billing Final.xlsx

Lea Power Hobbs
 Summary of Meter Data
 October 2018

Turbine	Service Point ID	Recorder ID	Unit	IEE KWh	KWh Per LPP	Variance
77433T	0304127239E03	304127239000	HOBBSCTG1	101,747,655	101,463,296	284,359
77434T	0304127239E01	3041272390	HOBBSCTG2	101,301,254	101,023,648	277,606
77435T	0304127239E02	30412723900	HOBBSSTG3	140,906,859	140,970,816	(63,957)
				343,955,768	343,457,760	498,008
						0.14%

* Small variance is expected
 Bill based on SPS IEE Meter Volumes

Capacity Availability Factor Calculation
October 2018

Per Section 8.1 of the PPA

(kW)	CAF	(\$/kW-Mo)	Total
604,000	0.9486	7.207	\$4,129,496.67

Capacity Availability Factor Twelve Month Rolling Average

Month	PE	AE	SME	Monthly CAF
Oct-18	435,484	381,768	0	0.8767
Sep-18	435,484	411,266	6,430	0.9592
Aug-18	449,376	397,794	0	0.8852
Jul-18	449,376	427,061	0	0.9503
Jun-18	434,880	411,574	0	0.9464
May-18	449,376	308,604	121,567	0.9573
Apr-18	434,880	414,760	0	0.9537
Mar-18	448,772	436,093	0	0.9717
Feb-18	405,888	397,407	0	0.9791
Jan-18	449,376	421,548	13,424	0.9679
Dec-17	449,376	437,708	0	0.9740
Nov-17	435,484	419,017	0	0.9622
12 Month Average	439,813	405,383	11,785	0.9486492311

D

**Dispatchability Availability Factor Calculation
October 2018**

Per Section 8.2 of the PPA

Net Capability (kW)	DAF	Rate (\$/kW-Mo)	Total
604,000	0.9912 ^①	0.25	\$149,678.02

DAF Calculation: (12 month Average Hours on-control/Hours on-line) X RAF= **0.99124519**

Note: RAF=1.00 per Section 2 of the Settlement Agreement dated 8/19/10 and results of 10/18/11 Ramp Rate Test Report.

12 Month Rolling Average Hours on-control/Hours on-line Calculation

Month	Hours on Line	Hours on Control	Avg Hrs on- control/Hrs on-line
Oct-18	729.0	696.2	0.9550
Sep-18	720.0	711.1	0.9876
Aug-18	742.0	736.5	0.9926
Jul-18	744.0	744.0	1.0000
Jun-18	720.0	703.6	0.9772
May-18	561.0	561.0	1.0000
Apr-18	716.0	716.0	1.0000
Mar-18	743.0	743.0	1.0000
Feb-18	672.0	672.0	1.0000
Jan-18	665.0	659.5	0.9917
Dec-17	679.0	677.3	0.9976
Nov-17	660.0	655.6	0.9933
12 Month Average	695.92	689.65	0.9912

E

**Heat Rate Adjustment
(One Month Lag to Billing Month)**

Per Section 8.4 of the PPA

Predicted Net Heat Rate (P):	L2 7,689.64 Btu/kWh
Actual Net Heat Rate (A):	L1 7,372.07 Btu/kWh
Fuel Delivered	G2 2,721,530 mmBtu ✓
Purchased Cost of Fuel Delivered	\$ G1 5,581,078.52 ✓
Price of Fuel (\$/mmBtu)	\$2.05071

If A > 1.0P:

$$\text{HRA} = \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [P/A])$$

If A < .97P:

$$\begin{aligned} \text{HRA} &= \text{Fuel Delivered} \times \text{Price of Fuel} \times (1 - [(P \times 0.97)/A]) \times 0.50 \\ &= \text{\$32,886.87} \text{ (1)} \end{aligned}$$

If A <= 1.0P and A >= .97P:

$$\text{HRA} = \$0.00$$

NOTE: LPP Heat Test Report dated August 23, 2017 demonstrates A is less than .97P, making a heat rate adjustment applicable. Source: Jeanette Schuck

Document Number	Document Type	Fiscal Year	Posting Date	Document Date	Comp/Document Header Text	Account	S/L Account Description	Order	Order Description	Reference Key 1	Reference Key 3	Text	Production Month	Amount In LC	Quantity	Base Unit of Measure	Paired by	Reference
10295078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	20000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	ELPASONATU	HOBBSS Toll Fixed Charges		9/1/2018 40	281,149.08	0.000	2306931	12164303	
10295078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	20000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	ELPASONATU	HOBBSS Toll Transact		9/1/2018 40	16,591.70	0.000	2306931	12164303	
10295078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	20000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBSS Toll Purchases		9/1/2018 40	3,899,690.22	23,365,457,536	DTH	2306931	12164303
10295078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	20000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBSS Toll Fixed Charges		9/1/2018 40	737,082.23	0.000	2306931	12164303	
10295078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	20000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBSS Toll Support		9/1/2018 50	2,000,000.00	0.000	2306931	12164303	
10295078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	20000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBSS Toll Storage		9/1/2018 50	-290,021.12	-101,779,259	DTH	2306931	12164303
10295078	SA	2018	10/29/2018	10/29/2018	0013 226721 - Gas Alloc Act	5066071	Tollino Plant Gas Costs	20000002989	SPS Tollino Plant Gas Costs - Hobbs - NM	NORTHNATGA	HOBBSS Toll Imbalance		9/1/2018 40	827,443.08	457,850,729	DTH	2306931	12164303

9/1/2018 5,581,078.52 - 2,721,530.00

	<u>Unit 1</u>	<u>Unit 2</u>	<u>Total</u>
Oct-01			
Oct-02			
Oct-03			
Oct-04			
Oct-05			
Oct-06			
Oct-07			
Oct-08			
Oct-09			
Oct-10			
Oct-11			
Oct-12		1	1
Oct-13			
Oct-14			
Oct-15		1	1
Oct-16			
Oct-17			
Oct-18			
Oct-19			
Oct-20			
Oct-21			
Oct-22			
Oct-23			
Oct-24	-	-	
Oct-25	-		
Oct-26			
Oct-27			
Oct-28			
Oct-29			
Oct-30			
Oct-31			
Total	0	2	2

Current Month Starts Charged ~~0~~
 Amount per Start \$4,780
 Total \$0

Month	Starts Monthly	YTD
Jan-18	4	4
Feb-18	0	4
Mar-18	0	4
Apr-18	0	4
May-18	2	6
Jun-18	0	6
Jul-18	0	6
Aug-18	1	7
Sep-18	2	9
Oct-18	2	11
Nov-18		11
Dec-18		11
YTD Total	11	11

First 25 successful starts each calendar year beginning in 2015 are \$0 per start.

H

Mount, Helen M

From: Tom Motley [tmotley@camstex.com]
Sent: Tuesday, October 21, 2008 9:47 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Thanks Jeff, that clears everything up for us.

Tom Motley
713-751-8877 ext. 318

From: Hild, Jeffrey P [mailto:Jeff.Hild@xcelenergy.com]
Sent: Tuesday, October 21, 2008 9:04 AM
To: Tom Motley
Cc: Lien Nguyen; Mount, Helen M
Subject: RE: LPP Billing - September 2008

Tom,
As I indicated in my email below, and as I mentioned in my voice message to you, the capacity price is reduced from \$7.31 to \$7.21 because of adjustments provided for in Sections 5.1(B) and 5.6(A) of the PPA. Section 5.1(B) provides for an adjustment, up or down, associated with costs paid by LPP toward the Electrical Interconnection in excess of or less than \$2.7 million. I have attached a scanned copy of page 80 from the Large Generator Interconnection Agreement (part of Appendix A of the LGIA) which indicates an estimate of these costs of \$693,737, \$100,000 of which was already paid. I have also attached an email indicating payment was made of the remaining balance. Therefore, an adjustment is made to the capacity price of $-(0.0023*(27-6.94)) = -\$0.0461$.

Similarly, Section 5.6(A) of the PPA provides for an adjustment, up or down, associated with costs paid by LPP toward the upstream connecting pipeline in excess of or less than \$2.475 million. Based on the gas interconnection and transportation agreements, LPP did not pay any costs on the upstream connecting pipeline - these costs are being paid by SPS through its gas transportation agreement. Therefore, an adjustment is made to the capacity price of $-(24.75*0.0023) = -\$0.0569$.

Put together these adjustments reduced the capacity price by \$0.103 which results in an adjusted capacity price of \$7.207/kW-month. Let me know if you have any questions on my calculations for these adjustments.

Roger Schnabel provided us with the back up meter data for the steam turbine, and I concur that there was 24,188 MWh generated from September 1 through September 16 HE 1. Although I did include this generation in my calculation of the September billing statement, I added the steam turbine generation, which was in MWh, to our meter data which was in kWh. This obviously discounted the generation data provided by Roger significantly (by a factor of 1000) compared to the SPS metered generation. I have corrected this and have attached a revised billing statement, now reflecting 74,570 MWh of Test Energy for the month of September. I apologize for the mistake and any confusion this may have created.

Let me know if you have questions on any of this. I will be in the office this morning and then out this afternoon but available by cell phone (720-273-5464). I will then be out of the office and unavailable starting tomorrow through the end of the month. I will address any questions that come up after today when I return on November 3. To ensure timely processing, please be sure to copy Helen Mount (copied on this email) when you send out the September Invoice.
Thanks.

Jeff

From: Tom Motley [mailto:tmotley@camstex.com]
Sent: Saturday, October 18, 2008 5:26 AM
To: Hild, Jeffrey P
Cc: Lien Nguyen

C-5

J
16

Hobbs Generating Station
PPA Tables

Commercial Operation Period 6/1/2008 - 4/30/2033	Capacity Price (\$/kW-month) \$7.51
--	---

Period	Contract Year		Tolling Price (\$/MWh)
	Begin	End	
1	6/1/2008	4/30/2009	\$1.75
2	5/1/2009	4/30/2010	\$1.79
3	5/1/2010	4/30/2011	\$1.83
4	5/1/2011	4/30/2012	\$1.87
5	5/1/2012	4/30/2013	\$1.92
6	5/1/2013	4/30/2014	\$1.96
7	5/1/2014	4/30/2015	\$2.01
8	5/1/2015	4/30/2016	\$2.05
9	5/1/2016	4/30/2017	\$2.10
10	5/1/2017	4/30/2018	\$2.15
11	5/1/2018	4/30/2019	\$2.20
12	5/1/2019	4/30/2020	\$2.25
13	5/1/2020	4/30/2021	\$2.30
14	5/1/2021	4/30/2022	\$2.35
15	5/1/2022	4/30/2023	\$2.41
16	5/1/2023	4/30/2024	\$2.46
17	5/1/2024	4/30/2025	\$2.52
18	5/1/2025	4/30/2026	\$2.58
19	5/1/2026	4/30/2027	\$2.64
20	5/1/2027	4/30/2028	\$2.70
21	5/1/2028	4/30/2029	\$2.76
22	5/1/2029	4/30/2030	\$2.82
23	5/1/2030	4/30/2031	\$2.89
24	5/1/2031	4/30/2032	\$2.95
25	5/1/2032	4/30/2033	\$3.02

Period	Contract Year		<= 200 starts	> 200 starts
	Begin	End		
1	6/1/2008	4/30/2009	\$4,000	\$15,000
2	5/1/2009	4/30/2010	\$4,000	\$15,000
3	5/1/2010	4/30/2011	\$4,080	\$15,300
4	5/1/2011	4/30/2012	\$4,160	\$15,600
5	5/1/2012	4/30/2013	\$4,240	\$15,900
6	5/1/2013	4/30/2014	\$4,330	\$16,230
7	5/1/2014	4/30/2015	\$4,400	\$16,500
8	5/1/2015	4/30/2016	\$4,500	\$16,875
9	5/1/2016	4/30/2017	\$4,590	\$17,200
10	5/1/2017	4/30/2018	\$4,680	\$17,530
11	5/1/2018	4/30/2019	\$4,780	\$17,900
12	5/1/2019	4/30/2020	\$4,870	\$18,240
13	5/1/2020	4/30/2021	\$4,970	\$18,600
14	5/1/2021	4/30/2022	\$5,070	\$19,000
15	5/1/2022	4/30/2023	\$5,170	\$19,400
16	5/1/2023	4/30/2024	\$5,280	\$19,800
17	5/1/2024	4/30/2025	\$5,380	\$20,175
18	5/1/2025	4/30/2026	\$5,490	\$20,600
19	5/1/2026	4/30/2027	\$5,600	\$21,000
20	5/1/2027	4/30/2028	\$5,710	\$21,400
21	5/1/2028	4/30/2029	\$5,830	\$21,850
22	5/1/2029	4/30/2030	\$5,940	\$22,260
23	5/1/2030	4/30/2031	\$6,060	\$22,700
24	5/1/2031	4/30/2032	\$6,180	\$23,150
25	5/1/2032	4/30/2033	\$6,300	\$23,600

A. K
17

Watson, Bill A

From: Schmidt, Joann U
Sent: Tuesday, July 31, 2018 1:02 PM
To: Plank, Kelsey
Cc: Pawlewicz, John S
Subject: FW: Lea Power Partners' Hobbs 2018 Performance Test Results

FYI, see below

Joann Schmidt
Xcel Energy | Responsible By Nature
Principal Financial Consultant
1800 Larimer Street, 12th Floor Denver, CO 80202
P: 303.571.2801
E: joann.u.schmidt@xcelenergy.com

XCELENERGY.COM

Please consider the environment before printing this email

From: Schuck, Jeanette R
Sent: Tuesday, July 31, 2018 12:50 PM
To: dl PPCComm
Subject: Lea Power Partners' Hobbs 2018 Performance Test Results

Heat rate and ramp rate tests were performed at the Lea Power Partners' Hobbs facility on June 13th. The net heat rate was determined to be 7,372 Btu/kWh, which is worse than the previous test result of 7,322 Btu/kWh, but better than the predicted net heat rate of 7,690 Btu/kWh. A new heat rate adjustment factor of .59% (decreased from 1.43%) will apply which represents the percentage increase to the fuel cost that can be expected when operating the facility. The ramp rate test met the requirements of the PPA and full dispatchability payments will continue to be made in accordance with the PPA.

Please let me know if you have any questions.

Jeanette R. Schuck
Xcel Energy | Responsible By Nature
Purchased Power Analyst
1800 Larimer Street, Suite 1000, Denver, CO 80202
P: 303.571.7428 F: 303.571.6319

Invoice



Lorenzo Wind, LLC
Tax ID # 82-0708319
700 Universe Blvd
Juno Beach, FL 33408

Invoice: 465494

Counterparty: Southwestern Public Service Company

Date: Dec 13, 2018

Period: Nov 01, 2018 - Nov 30, 2018

Amount: \$348,675.06 USD

Due Date: Dec 24, 2018

Invoice To

Southwestern Public Service Company
Attn: Settlements Administrator

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 348,675.06	USD
	GENPPA Subtotal	\$ 348,675.06	USD
	TOTAL	\$ 348,675.06	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
Sell	2371698	10/22/18	11/01/18 - 11/30/18		ELECTRIC	Energy Charge for 7x24	(27,519.74)	MW/h	\$12.6700	\$348,675.06	USD
					Sell Subtotal					\$348,675.06	USD
					GENPPA Subtotal					\$348,675.06	USD
					TOTAL					\$348,675.06	USD

WP/E-4(CD)
Page 2221 of 8272
Sponsor: Freitas
TX Rate Case



Invoice: 465494
 Counterparty: Southwestern Public Service Company
 Date: Dec 13, 2018
 Period: Nov 01, 2018 - Nov 30, 2018
 Amount: \$348,675.06 USD
 Due Date: Dec 24, 2018

Lorenzo Wind, LLC
 Tax ID # 82-0708319

Payment Details

Wire

Bank:
 Acct Name: Lorenzo Wind, LLC
 ABA #:
 Account #: 4451229902
 Addr Code:

ACH

Bank:
 Acct Name:
 ABA #:
 Account #:
 Addr Code:



If you have any questions, please contact April (Cook) Turner at NEEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

WP/E-4(CD)
 Page 2222 of 8272
 Sponsor: Freitas
 019 TX Rate Case



Southwestern Public Service Company

Remittance Statement

Mammoth_Plains_Wind_Project
700 UNIVERSE BLVD
Juno Beach, FL 33408

Remit To

Bank Name : Bank of America ✓
Wire ABA : 111000012 ✓
ACH ABA : 111000012 ✓
Account No : 4427897203 ✓

Remittance No : 48129
Remittance Date : 01/08/2018 ✓
Due Date : 01/22/2018 ✓

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2017-12 ✓	72,898	MWh	\$19.95000	\$1,454,315.10
Curtailment	2017-12 ✓				\$8,614.71
Energy Cost	2017-12 ✓				\$20,646.00
Total					\$1,483,575.81

} price change

Invoice



Mammoth Plains Wind Project, LLC
Tax ID # 26-3744345
700 Universe Blvd
Juno Beach, FL 33408

Invoice: **407521**
Counterparty: **Southwestern Public Service Company**
Date: **Jan 08, 2018**
Period: **Dec 01, 2017 - Dec 31, 2017**
Amount: **\$1,483,575.81 USD**
Due Date: **Jan 30, 2018**

Invoice To

Southwestern Public Service Company
Attn: Settlements Administrator
600 South Tyler
Amarillo, TX 79101
Phone: 303-571-7142
Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 1,483,575.81	USD
GENPPA Subtotal		\$ 1,483,575.81	USD
TOTAL		\$ 1,483,575.81	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr	
GENPPA												
Sell												
	1527302	07/28/15	12/01/17	12/09/17	ELECTRIC	Energy Charge for 7x24	(21,283.00)	MWh	\$19.9500	\$424,595.85	USD ✓	
	1527302	07/28/15	12/10/17	12/31/17	ELECTRIC	Energy Charge for 7x24	(51,615.00)	MWh	\$20.3500	\$1,050,365.25	USD ✓	
	2021071	05/03/17	12/01/17	12/31/17	ELECTRIC	Miscellaneous, PPA Curtailment	(130.15)	MWh	\$66.1900	\$8,614.71	USD ✓	
										Sell Subtotal	\$1,483,575.81	USD
										GENPPA Subtotal	\$1,483,575.81	USD
										TOTAL	\$1,483,575.81	USD ✓

Invoice



Mammoth Plains Wind Project, LLC
Tax ID # 26-3744345

Invoice: **407521**
Counterparty: **Southwestern Public Service Company**
Date: **Jan 08, 2018**
Period: **Dec 01, 2017 - Dec 31, 2017**
Amount: **\$1,483,575.81 USD**
Due Date: **Jan 30, 2018**

Payment Details

Wire

Bank:
Acct Name: **Mammoth Plains Wind Project, LLC**
ABA #:
Account #:
Addr Code:

ACH

Bank: **Bank of America**
Global Finance, Dallas, Texas
Acct Name: **Mammoth Plains Wind Project, LLC**
ABA #: **111-000-012**
Account #: **4427897203**
Addr Code:

If you have any questions, please contact Brian Heneghan at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Mammoth

12/31/201	TRUE	From MV9	-185	0	0	0	-185	0
12/31/201	TRUE	From MV9	-189	0	0	0	-189	0
12/31/201	TRUE	From MV9	-176	0	0	0	-176	0
12/31/201	TRUE	From MV9	-174	0	0	0	-174	0
12/31/201	TRUE	From MV9	-181	0	0	0	-181	0
12/31/201	TRUE	From MV9	-175	0	0	0	-175	0
12/31/201	TRUE	From MV9	-197	0	0	0	-197	0
12/31/201	TRUE	From MV9	-194	0	0	0	-194	0
12/31/201	TRUE	From MV9	-190	0	0	0	-190	0
12/31/201	TRUE	From MV9	-188	0	0	0	-188	0
12/31/201	TRUE	From MV9	-175	0	0	0	-175	0
12/31/201	TRUE	From MV9	-162	0	0	0	-162	0
12/31/201	TRUE	From MV9	-159	0	0	0	-159	0
12/31/201	TRUE	From MV9	-159	0	0	0	-159	0
12/31/201	TRUE	From MV9	-144	0	0	0	-144	0
12/31/201	TRUE	From MV9	-116	0	0	0	-116	0
12/31/201	TRUE	From MV9	-142	0	0	0	-142	0
12/31/201	TRUE	From MV9	-159	0	0	0	-159	0
12/31/201	TRUE	From MV9	-146	0	0	0	-146	0
12/31/201	TRUE	From MV9	-100	0	0	0	-100	0
12/31/201	TRUE	From MV9	-81	0	0	0	-81	0

-72,898.00 ✓

Caprock Wind LLC

6688 N. Central Expressway, Suite 500
 Dallas, TX 75206
 Phone: 214.515.1100 Fax: 214.515.1158

INVOICE

DATE: February 5, 2018
INVOICE #: CPW-201801



Bill To:
 Attn: Bill Watson
Southwestern Public Service Company
 1800 Larimer Street, Suite 1200
 Denver, CO 80202
 Ph: 303-571-6777
 Fax: 303-571-6302

DESCRIPTION				AMOUNT																
<table border="1"> <thead> <tr> <th colspan="4">Energy Production Detail</th> </tr> <tr> <th colspan="2">For the Period</th> <th>Energy Delivered</th> <th>Contracted Rate</th> </tr> <tr> <th>From</th> <th>To</th> <th>MWh</th> <th>\$ per MWh</th> </tr> </thead> <tbody> <tr> <td>1-Jan-18</td> <td>31-Jan-18</td> <td>30,415</td> <td>\$32.53</td> </tr> </tbody> </table>				Energy Production Detail				For the Period		Energy Delivered	Contracted Rate	From	To	MWh	\$ per MWh	1-Jan-18	31-Jan-18	30,415	\$32.53	989,497.74
Energy Production Detail																				
For the Period		Energy Delivered	Contracted Rate																	
From	To	MWh	\$ per MWh																	
1-Jan-18	31-Jan-18	30,415	\$32.53																	
<p>This invoice submitted per the terms and conditions of the Amended and Restated Renewable Energy Purchase Agreement between Southwestern Public Service Company and Caprock Wind, Limited Partnership dated July 8, 2004, and assigned to Caprock Wind LLC pursuant to the Assignment and Conveyance dated August 25, 2004.</p>																				
TOTAL				\$ 989,497.74																

Make all payments via wire to:

Caprock Wind LLC
Union Bank of California
350 California Street
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact Leena Cherian at (214) 515-1195 or leena.cherian@leewardenergy.com.

THANK YOU FOR YOUR BUSINESS!

Invoice



Mammoth Plains Wind Project, LLC
 Tax ID # 26-3744345
 700 Universe Blvdq
 Juno Beach, FL 33408

Invoice: 411698

Counterparty: Southwestern Public Service Company

Date: Feb 05, 2018

Period: Jan 01, 2018 - Jan 31, 2018

Amount: \$1,828,712.05 USD

Due Date: Feb 27, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 1,828,712.05	USD
GENPPA Subtotal		\$ 1,828,712.05	USD
TOTAL		\$ 1,828,712.05	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell	1527302	07/28/15	01/01/18 - 01/31/18		ELECTRIC	Energy Charge for 7x24	(89,863.00)	MW/h	\$20.3500	\$1,828,712.05	USD
Sell Subtotal										\$1,828,712.05	USD
GENPPA Subtotal										\$1,828,712.05	USD
TOTAL										\$1,828,712.05	USD

Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

Invoice: 411698

Counterparty: Southwestern Public Service Company

Date: Feb 05, 2018

Period: Jan 01, 2018 - Jan 31, 2018

Amount: \$1,828,712.05 USD

Due Date: Feb 27, 2018

Payment Details

Wire

Bank:

Acct Name: Mammoth Plains Wind Project, LLC

ABA #:

Account #:

Addr Code:

ACH

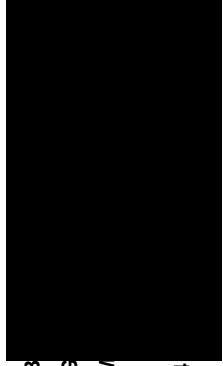
Bank:

Acct Name: M

ABA #: 1

Account #: 4

Addr Code:



If you have any questions, please contact Brienne Helm at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

700 Universe Blvdq

Juno Beach, FL 33408

Invoice: 417406

Counterparty: Southwestern Public Service Company

Date: Mar 07, 2018

Period: Feb 01, 2018 - Feb 28, 2018

Amount: \$1,515,586.60 USD

Due Date: Mar 28, 2018

Invoice To

Southwestern Public Service Company

Attn: Settlements Administrator

600 South Tyler

Amarillo, TX 79101

Phone: 303-571-7142

Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 1,515,586.60	USD
GENPPA Subtotal		\$ 1,515,586.60	USD
TOTAL		\$ 1,515,586.60	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1527302	07/28/15	02/01/18 - 02/28/18		ELECTRIC	Energy Charge for 7x24	(74,476.00)	MW/h	\$20.3500	\$1,515,586.60	USD
	1582980	12/03/15	02/01/18 - 02/28/18		ELECTRIC	Miscellaneous, PPA Curtailment	(75.29)	MW/h	\$58.3978	\$4,399,713	USD
	2021071	05/03/17	02/01/18 - 02/28/18		ELECTRIC	Miscellaneous, PPA Curtailment	75.29	MW/h	\$58.3978	\$4,399,713	USD
Sell Subtotal										\$1,515,586.60	USD
GENPPA Subtotal										\$1,515,586.60	USD
TOTAL										\$1,515,586.60	USD

Invoice



Mammoth Plains Wind Project, LLC
Tax ID # 26-3744345

Invoice: **417406**

Counterparty: **Southwestern Public Service Company**

Date: **Mar 07, 2018**

Period: **Feb 01, 2018 - Feb 28, 2018**

Amount: **\$1,515,586.60 USD**

Due Date: **Mar 28, 2018**

Payment Details

Wire

Bank:

Acct Name: **Mammoth Plains Wind Project, LLC**

ABA #:

Account #:

Addr Code:

ACH

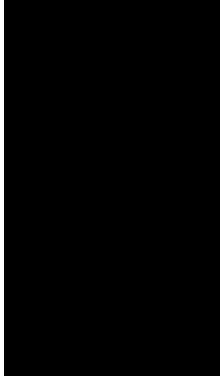
Bank:

Acct Name:

ABA #:

Account #:

Addr Code:



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Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

Invoice: 422136

Counterparty: Southwestern Public Service Company

Date: Apr 06, 2018

Period: Mar 01, 2018 - Mar 31, 2018

Amount: \$1,706,612.05 USD

Due Date: Apr 27, 2018

Payment Details

Wire

Bank:

Acct Name: Mammoth Plains Wind Project, LLC

ABA #:

Account #:

Addr Code:

ACH

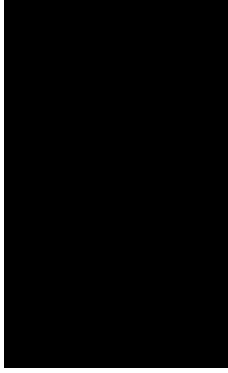
Bank:

Acct Name:

ABA #:

Account #:

Addr Code:



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Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

700 Universe Blvdq

Juno Beach, FL 33408

Invoice: 426621

Counterparty: Southwestern Public Service Company

Date: May 03, 2018

Period: Apr 01, 2018 - Apr 30, 2018

Amount: \$1,549,001.30 USD

Due Date: May 24, 2018

Invoice To

Southwestern Public Service Company

Attn: Settlements Administrator

600 South Tyler

Amarillo, TX 79101

Phone: 303-571-7142

Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 1,549,001.30	USD
GENPPA Subtotal		\$ 1,549,001.30	USD
TOTAL		\$ 1,549,001.30	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1527302	07/28/15	04/01/18 - 04/30/18		ELECTRIC	Energy Charge for 7x24	(76,118.00)	MW/h	\$20.3500	\$1,549,001.30	USD
	2232603	05/03/18	04/01/18 - 04/30/18		ELECTRIC	PPA Curtailment	(9,807.23)	MW/h	\$58.3978	\$(572,206.18)	USD
	2232604	05/03/18	04/01/18 - 04/30/18		ELECTRIC	PPA Curtailment	9,807.23	MW/h	\$58.3978	\$572,206.18	USD
							Sell Subtotal			\$1,549,001.30	USD
							GENPPA Subtotal			\$1,549,001.30	USD
							TOTAL			\$1,549,001.30	USD

Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

Invoice: 426621

Counterparty: Southwestern Public Service Company

Date: May 03, 2018

Period: Apr 01, 2018 - Apr 30, 2018

Amount: \$1,549,001.30 USD

Due Date: May 24, 2018

Payment Details

Wire

Bank:

Acct Name: Mammoth Plains Wind Project, LLC

ABA #:

Account #:

Addr Code:

ACH

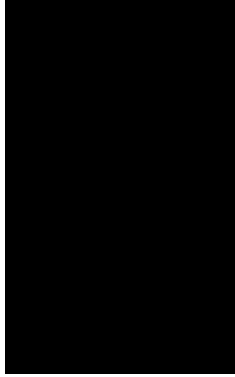
Bank:

Acct Name:

ABA #:

Account #:

Addr Code:



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Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

700 Universe Blvdq

Juno Beach, FL 33408

Invoice: 431555

Counterparty: Southwestern Public Service Company

Date: Jun 06, 2018

Period: May 01, 2018 - May 31, 2018

Amount: \$1,512,473.05 USD

Due Date: Jun 27, 2018

Invoice To

Southwestern Public Service Company

Attn: Settlements Administrator

600 South Tyler

Amarillo, TX 79101

Phone: 303-571-7142

Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 1,512,473.05	USD
GENPPA Subtotal		\$ 1,512,473.05	USD
TOTAL		\$ 1,512,473.05	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1527302	07/28/15	05/01/18 - 05/31/18		ELECTRIC	Energy Charge for 7x24	(74,323.00)	MW/h	\$20.3500	\$1,512,473.05	USD
	2232603	05/03/18	05/01/18 - 05/31/18		ELECTRIC	PPA Curtailment	(3,637.79)	MW/h	\$58.3978	\$(212,438.92)	USD
	2232604	05/03/18	05/01/18 - 05/31/18		ELECTRIC	PPA Curtailment	3,637.79	MW/h	\$58.3978	\$212,438.92	USD
							Sell Subtotal			\$1,512,473.05	USD
							GENPPA Subtotal			\$1,512,473.05	USD
							TOTAL			\$1,512,473.05	USD

Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

Invoice: 431555

Counterparty: Southwestern Public Service Company

Date: Jun 06, 2018

Period: May 01, 2018 - May 31, 2018

Amount: \$1,512,473.05 USD

Due Date: Jun 27, 2018

Payment Details

Wire

Bank:

Acct Name: Mammoth Plains Wind Project, LLC

ABA #:

Account #:

Addr Code:

ACH

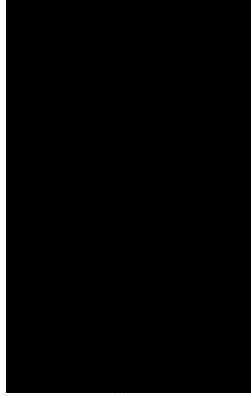
Bank:

Acct Name:

ABA #:

Account #:

Addr Code:



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Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

700 Universe Blvdq

Juno Beach, FL 33408

Invoice: 437100

Counterparty: Southwestern Public Service Company

Date: Jul 06, 2018

Period: Jun 01, 2018 - Jun 30, 2018

Amount: \$1,752,562.35 USD

Due Date: Jul 27, 2018

Invoice To

Southwestern Public Service Company

Attn: Settlements Administrator

600 South Tyler

Amarillo, TX 79101

Phone: 303-571-7142

Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 1,752,562.35	USD
GENPPA Subtotal		\$ 1,752,562.35	USD
TOTAL		\$ 1,752,562.35	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1527302	07/28/15	06/01/18 - 06/30/18		ELECTRIC	Energy Charge for 7x24	(86,121.00)	MW/h	\$20.3500	\$1,752,562.35	USD
	2232603	05/03/18	06/01/18 - 06/30/18		ELECTRIC	PPA Curtailment	(1,656.97)	MW/h	\$58.3978	\$(96,763.39)	USD
	2232604	05/03/18	06/01/18 - 06/30/18		ELECTRIC	PPA Curtailment	1,656.97	MW/h	\$58.3978	\$96,763.39	USD
Sell Subtotal										\$1,752,562.35	USD
GENPPA Subtotal										\$1,752,562.35	USD
TOTAL										\$1,752,562.35	USD

Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

Invoice: 437100

Counterparty: Southwestern Public Service Company

Date: Jul 06, 2018

Period: Jun 01, 2018 - Jun 30, 2018

Amount: \$1,752,562.35 USD

Due Date: Jul 27, 2018

Payment Details

Wire

Bank:

Acct Name: Mammoth Plains Wind Project, LLC

ABA #:

Account #:

Addr Code:

ACH

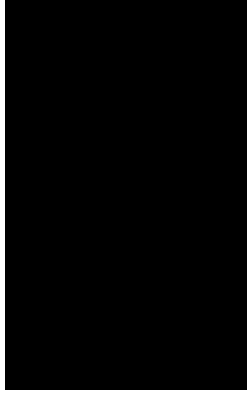
Bank:

Acct Name:

ABA #:

Account #:

Addr Code:



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Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

700 Universe Blvdq

Juno Beach, FL 33408

Invoice: 449230

Counterparty: Southwestern Public Service Company

Date: Sep 11, 2018

Period: Aug 01, 2018 - Aug 31, 2018

Amount: \$1,269,188.80 USD

Due Date: Sep 20, 2018

Invoice To

Southwestern Public Service Company

Attn: Settlements Administrator

600 South Tyler

Amarillo, TX 79101

Phone: 303-571-7142

Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 1,269,188.80	USD
GENPPA Subtotal		\$ 1,269,188.80	USD
TOTAL		\$ 1,269,188.80	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1527302	07/28/15	08/01/18 - 08/31/18		ELECTRIC	PPA Curtailment Grossed-Up PTC [PPA Curtailment Grossed-Up PTC]	(4,452.13)	MW/h	\$32.3200	\$143,992.73	USD
	1527302	07/28/15	08/01/18 - 08/31/18		ELECTRIC	PPA Curtailment Adjustment [PPA Curtailment Adjustment]	4,452.13	MW/h	\$52.6700	\$(234,493.55)	USD
	1527302	07/28/15	08/01/18 - 08/31/18		ELECTRIC	PPA Curtailment Contract Price [PPA Curtailment Contract Price]	(4,452.13)	MW/h	\$20.3500	\$90,807.82	USD
	1527302	07/28/15	08/01/18 - 08/31/18		ELECTRIC	Energy Charge for 7x24	(62,368.00)	MW/h	\$20.3500	\$1,269,188.80	USD
Sell Subtotal										\$1,269,188.80	USD
GENPPA Subtotal										\$1,269,188.80	USD
TOTAL										\$1,269,188.80	USD

Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

Invoice: 449230

Counterparty: Southwestern Public Service Company

Date: Sep 11, 2018

Period: Aug 01, 2018 - Aug 31, 2018

Amount: \$1,269,188.80 USD

Due Date: Sep 20, 2018

Payment Details

Wire

Bank:

Acct Name: Mammoth Plains Wind Project, LLC

ABA #:

Account #:

Addr Code:

ACH

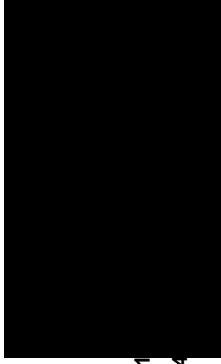
Bank:

Acct Name:

ABA #:

Account #:

Addr Code:



If you have any questions, please contact Zachary Shell at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

Invoice: 453501

Counterparty: Southwestern Public Service Company

Date: Oct 03, 2018

Period: Sep 01, 2018 - Sep 30, 2018

Amount: \$1,115,851.55 USD

Due Date: Oct 24, 2018

Payment Details

Wire

Bank:

Acct Name: Mammoth Plains Wind Project, LLC

ABA #:

Account #:

Addr Code:

ACH

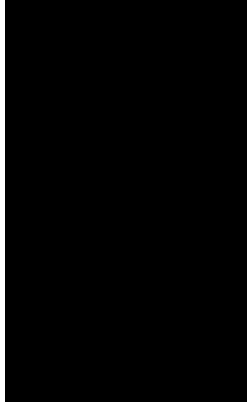
Bank:

Acct Name:

ABA #:

Account #:

Addr Code:



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Invoice



Mammoth Plains Wind Project, LLC
 Tax ID # 26-3744345
 700 Universe Blvdq
 Juno Beach, FL 33408

Invoice: 458949

Counterparty: Southwestern Public Service Company

Date: Nov 05, 2018

Period: Oct 01, 2018 - Oct 31, 2018

Amount: \$1,324,341.00 USD

Due Date: Nov 20, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 1,324,341.00	USD
GENPPA Subtotal		\$ 1,324,341.00	USD
TOTAL		\$ 1,324,341.00	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1527302	07/28/15	10/01/18 - 10/31/18	10/31/18	ELECTRIC	PPA Curtailment Adjustment [PPA Curtailment Adjustment]	3,537.63	MW/h	\$58.3900	\$(206,581,973)	USD
	1527302	07/28/15	10/01/18 - 10/31/18	10/31/18	ELECTRIC	PPA Curtailment Contract Price [PPA Curtailment Contract Price]	(8,901.61)	MW/h	\$20.3500	\$181,742,688	USD
	1527302	07/28/15	10/01/18 - 10/31/18	10/31/18	ELECTRIC	Energy Charge for 7x24	(49,730.00)	MW/h	\$20.3500	\$1,012,260,500	USD
	1527302	07/28/15	10/01/18 - 10/31/18	10/31/18	ELECTRIC	PPA Curtailment Grossed-Up PTC [PPA Curtailment Grossed-Up PTC]	(8,901.61)	MW/h	\$38.0400	\$338,631,714	USD
	2232603	05/03/18	10/01/18 - 10/31/18	10/31/18	ELECTRIC	PPA Curtailment Contract Price	14.85	MW/h	\$20.3500	\$302,297,000	USD
	2232604	05/03/18	10/01/18 - 10/31/18	10/31/18	ELECTRIC	PPA Curtailment Grossed-Up PTC	14.85	MW/h	\$38.0400	\$563,990,000	USD
Sell Subtotal										\$1,324,341.00	USD

Invoice



Mammoth Plains Wind Project, LLC
Tax ID # 26-3744345

Invoice: 458949

Counterparty: Southwestern Public Service Company

Date: Nov 05, 2018

Period: Oct 01, 2018 - Oct 31, 2018

Amount: \$1,324,341.00 USD

Due Date: Nov 20, 2018

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											

Sell

GENPPA Subtotal	\$1,324,341.00	USD
TOTAL	\$1,324,341.00	USD

WP/E-4(CD)
Page 2245 of 8272
Sponsor: Freitas
2019 TX Rate Case

Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

Invoice: 458949

Counterparty: Southwestern Public Service Company

Date: Nov 05, 2018

Period: Oct 01, 2018 - Oct 31, 2018

Amount: \$1,324,341.00 USD

Due Date: Nov 20, 2018

Payment Details

Wire

Bank:

Acct Name: Mammoth Plains Wind Project, LLC

ABA #:

Account #:

Addr Code:

ACH

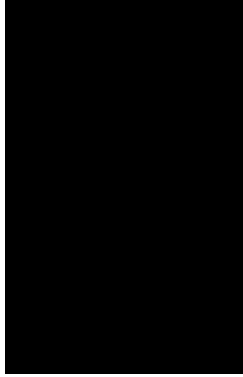
Bank:

Acct Name:

ABA #:

Account #:

Addr Code:



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Invoice



Mammoth Plains Wind Project, LLC
 Tax ID # 26-3744345
 700 Universe Blvdq
 Juno Beach, FL 33408

Invoice: 465480

Counterparty: Southwestern Public Service Company

Date: Dec 13, 2018

Period: Nov 01, 2018 - Nov 30, 2018

Amount: \$1,495,231.40 USD

Due Date: Dec 20, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 1,495,231.40	USD
GENPPA Subtotal		\$ 1,495,231.40	USD
TOTAL		\$ 1,495,231.40	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1527302	07/28/15	11/01/18 - 11/30/18		ELECTRIC	PPA Curtailment Contract Price [PPA Curtailment Contract Price]	(2.354.50)	MW/h	\$20.3500	\$47,914.13	USD
	1527302	07/28/15	11/01/18 - 11/30/18		ELECTRIC	Energy Charge for 7x24	(66,720.00)	MW/h	\$20.3500	\$1,357,520.00	USD
	1527302	07/28/15	11/01/18 - 11/30/18		ELECTRIC	PPA Curtailment Grossed-Up PTC [PPA Curtailment Grossed-Up PTC]	(2.354.50)	MW/h	\$38.0400	\$89,865.27	USD
Sell Subtotal										\$1,495,231.40	USD
GENPPA Subtotal										\$1,495,231.40	USD
TOTAL										\$1,495,231.40	USD

Invoice



Mammoth Plains Wind Project, LLC

Tax ID # 26-3744345

Invoice: 465480

Counterparty: Southwestern Public Service Company

Date: Dec 13, 2018

Period: Nov 01, 2018 - Nov 30, 2018

Amount: \$1,495,231.40 USD

Due Date: Dec 20, 2018

Payment Details

Wire

Bank:

Acct Name: Mammoth Plains Wind Project, LLC

ABA #:

Account #:

Addr Code:

ACH

Bank:

Acct Name:

ABA #:

Account #:

Addr Code:



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ONETA POWER, LLC

Invoice Number: OEPS122017
Production Month: Dec-17

Invoice Date: January 9, 2018
Invoice Due Date: January 20, 2018

FINAL Invoice

Mail To:
Southwestern Public Service Company
Attn: Accounting Department
1099 18th Street, Suite 3000
Denver, CO 80202

Wire Funds To:
Bank: MUFG Union Bank, N.A.
ABA Number: [REDACTED]
For Credit to Account Number: [REDACTED]
For Credit to Account Name: Oneta Power Revenue Account

Billing Inquiries
Accounting Dept. 303-308-2719
Fax Number: 303-308-2852

Internal Billing Inquiries
David Haden 732-867-5852
Fax Number: 732-249-7290

<u>POWER</u>						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crncy</u>
Oneta						
	CAPACITY	[REDACTED]			\$949,560.00	USD
	SCHEDFEE	[REDACTED]			\$ 36,227.88	USD
	STARTUP - GAS	[REDACTED]			\$ 14,749.20	USD
	ENERGY - GAS	[REDACTED]			\$ 407,739.43	USD
	ENERGY - VOM	[REDACTED]			\$ 50,232.00	USD
	FIRED HOURS	[REDACTED]			\$ 9,651.75	USD
TOTAL:					<i>As</i> \$1,468,160.26	

General Information

Contract Capacity			MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MWM
Capacity Price (Summer Mths - June thru Sept)	\$		/MWM
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

Payment Calculation Oneta's
Numbers Variance

Contract Capacity (Non-Summer)

Contract Capacity (MW)	Price \$/MWM			
200 x	\$			-

Variable O&M

Contract Energy (MWh)	Price \$/MWh			
18,200 x	\$			-

Start-up Gas

# cold starts	1
# warm starts	-
# hot starts	3

Cost of Gas

Aggregate of the daily gas costs for month	=	\$		
--	---	----	--	--

Scheduling Charge:

# Schedules		\$/Schedule		
4 x	\$			-
Fired Hrs > 24		\$/Fired Hr		
17 x	\$			-

Oneta Adjustment

Total		\$ 1,468,160.26 (7)	\$ 1,468,160.26	-
System Daily Purchases				-
Additional Purchases				-
Not contract				-
Final Total		\$ 1,468,160.26	1,468,160.26	-

A

12/1/2017 - 12/31/2017

From **PEX**

DATE	TIME	MWhs	Gas Daily PEPL-TX-OK	Total Index Delivery	Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched Day	Hours Sched Days
12/31/17	16:00	0	3,4100	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	-	-	-	-	-	-
12/31/17	17:00	0	3,4100	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	-	-	-	-	-	-
12/31/17	18:00	0	3,4100	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	-	-	-	-	-	-
12/31/17	19:00	0	3,4100	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	-	-	-	-	-	-
12/31/17	20:00	0	3,4100	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	-	-	-	-	-	-
12/31/17	21:00	0	3,4100	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	-	-	-	-	-	-
12/31/17	22:00	0	3,4100	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	-	-	-	-	-	-
12/31/17	23:00	0	3,4100	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	-	-	-	-	-	-
12/31/17	24:00	0	3,4100	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	-	-	-	-	-	-
			0.00	0.0000												

B

12/1/2017		12/31/2017		From PCI															
DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery		Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched	Hours Sched/Day	Rate	Case Schedules
12/27/17	24:00	0	2.5650	\$ -	\$	\$ 3.0450	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	1:00	0	2.5650	\$ -	\$	\$ 3.0450	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	2:00	0	2.5650	\$ -	\$	\$ 3.0450	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	3:00	0	2.5650	\$ -	\$	\$ 3.0450	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	4:00	0	2.5650	\$ -	\$	\$ 3.0450	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	5:00	0	2.5650	\$ -	\$	\$ 3.0450	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	6:00	0	2.5650	\$ -	\$	\$ 3.0450	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	7:00	0	2.5650	\$ -	\$	\$ 3.0450	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	8:00	0	2.5650	\$ -	\$	\$ 3.0450	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	9:00	0	2.5650	\$ -	\$	\$ 3.0450	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	10:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	11:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	12:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	13:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	14:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	15:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	16:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	17:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	18:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	19:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	20:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	21:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	22:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	23:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/28/17	24:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	1:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	2:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	3:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	4:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	5:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	6:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	7:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	8:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	9:00	0	2.6500	\$ -	\$	\$ 3.1300	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	10:00	0	3.4100	\$ -	\$	\$ 3.8900	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	11:00	0	3.4100	\$ -	\$	\$ 3.8900	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	12:00	0	3.4100	\$ -	\$	\$ 3.8900	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	13:00	0	3.4100	\$ -	\$	\$ 3.8900	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	14:00	0	3.4100	\$ -	\$	\$ 3.8900	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	15:00	0	3.4100	\$ -	\$	\$ 3.8900	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	16:00	0	3.4100	\$ -	\$	\$ 3.8900	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	17:00	0	3.4100	\$ -	\$	\$ 3.8900	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	18:00	0	3.4100	\$ -	\$	\$ 3.8900	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-
12/29/17	19:00	0	3.4100	\$ -	\$	\$ 3.8900	102%	\$	0.00	\$ -	\$ -				\$ -	-	-	-	-

with the scheduling provisions hereof. In no event shall Buyer be entitled to schedule volumes other than that stated in the preceding sentence.

Quantity of Energy:

██████ MW ("Contract Capacity") of Capacity and Unit Firm Energy (as defined below, "Energy") from the Turbine at the Facility.

For purposes of this Transaction and Confirmation, the definition of "Unit Firm" in Schedule P of the Agreement is hereby changed to read as follows:

"Unit Firm" means, with respect to this Transaction, that the Energy that is the subject of the Transaction is intended to be supplied from the Turbine (as defined in the Confirmation), and in the event the Turbine is unavailable or de-rated as a result of an unscheduled outage or "Forced Outage" (as defined in the NERC Generating Unit Availability Data System (GADS) Forced Outage reporting guidelines) and (i) Seller elects not to deliver Replacement Energy or Alternate Energy, or (ii) Seller elects to deliver Alternate Energy but Buyer elects not to accept or receive Alternate Energy, Buyer's obligation to pay the Capacity Payment shall be reduced by the Capacity Availability Adjustment Amount, but no other damages shall apply in such instances, including without limitation the damages set out in Article Four of the Agreement.

Further, except as provided above, Seller's failure to deliver under a "Unit Firm" Transaction shall be excused: (i) by an event or circumstance that affects the Turbine so as to prevent Seller from performing its obligations, which event or circumstance was not anticipated as of the date the Transaction was agreed to, and that is not within the reasonable control of, or the result of the negligence of, Seller or (ii) by Buyer's failure to perform. In any of such events described in the foregoing sentence, Seller shall not be liable to Buyer for any damages, including any amounts determined pursuant to Article Four.

An unscheduled outage or Forced Outage may not be based, in whole or in part, on (i) Seller's increased costs of operating the Facility, or (ii) Seller's ability or desire to enter into transactions with third parties. Seller may provide Replacement Energy or Alternate Energy to restore Buyer's Schedule in the event of an unscheduled outage, Forced Outage or derate of the Turbine as set forth below.

Contract Price:

For purposes of the reference to "Contract Price" in Article Three and the definition of Force Majeure in the Agreement, "Contract Price" means the sum of (i) the Capacity Payment (calculated using the pertinent monthly Capacity Price consistent with the "Capacity Availability Adjustment" below), plus (ii) the Variable

Execution Copy

O&M Charge, multiplied by the Quantity of Energy delivered each month, plus (iii) any Scheduling Charges per month, plus (iv) the Cost of Gas for the applicable calendar month.

Seller shall show the individual components of the Contract Price (subsections (i) through (iv) above in this section) on each monthly invoice submitted to Buyer for payment.

Capacity Payment:

The "Capacity Payment" for each month as used herein equals the Capacity Price multiplied by the Contract Capacity, reduced by the Capacity Availability Adjustment. The applicable Capacity Prices for each month and each year of the Delivery Period of this Confirmation are as set forth in the Table below. The Summer Months are defined as the months of June, July, August, and September during the Delivery Period. The Non-Summer Months are defined as the months of January, February, March, April, May, October, November, and December during each year of the Delivery Period.

Calendar Year	Capacity Price - Summer Months	Capacity Price - Non-Summer Months
2012	██████████ /kW-month	██████████ /kW-month
2013	██████████ /kW-month	██████████ /kW-month
2014	██████████ /kW-month	██████████ /kW-month
2015	██████████ /kW-month	██████████ /kW-month
2016	██████████ /kW-month	██████████ /kW-month
2017	██████████ /kW-month	██████████ /kW-month (1)
2018	██████████ /kW-month	██████████ /kW-month

Variable O&M Charge: ██████████ per MWh multiplied by the Inflation Factor.

Scheduling Charge: Buyer shall pay a "Scheduling Charge" for each Schedule submitted by Buyer and dispatched by Seller, calculated using the following formula:

$$\text{Scheduling Charge} = (\text{██████████} \times \text{Inflation Factor}) + ((\text{Fired Hours}-24) \times \text{██████████} \times \text{Inflation Factor})$$

The Scheduling Charge calculated above shall not exceed the amount equal to ██████████ x Inflation Factor) for any 24 hour period, except in the circumstance that two separate Schedules were submitted for such 24 hour period.

For the avoidance of doubt, Scheduling Charges also apply if Seller provides Replacement Energy or Alternate Energy. An additional Scheduling Charge will not be assessed in relation to a Turbine restart during a single continuous period scheduled by

1
5-2

ONETA POWER, LLC

Invoice Number: OELSPS2122017
Production Month: Dec-17
Invoice Date: January 9, 2018
Invoice Due Date: January 20, 2018

FINAL Invoice

Mail To:
 Southwestern Public Service Company
 Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
 Bank: MUEG Union Bank N.A.
 ABA Number: [REDACTED]
 For Credit to Account Number: [REDACTED]
 For Credit to Account Name: Oneta Power Revenue Account

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

Internal Billing Inquiries
 David Haden 732-867-5852
 Fax Number: 732-249-7290

POWER						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Cmcy</u>
ONETA						
	CAPACITY	[REDACTED]	MW	[REDACTED]	A1 \$1,324,800.00	USD
	SCHEDFEE				\$ A5 72,455.76	USD
	STARTUP - GAS		MW		\$ A3 11,116.98	USD
	ENERGY - GAS				\$ A4 688,119.79	USD
	ENERGY - VON		MW		\$ A2 84,318.00	USD
	FIRED HOURS				\$ AC 9,651.75	USD
					TOTAL:	\$2,190,462.28

General Information

Contract Capacity			MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MW-Mth
Capacity Price (Summer Mths - June thru Sept)	\$		/MW-Mth
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>		Calpine's	Variance
		Numbers	
Contract Capacity			
Contract Capacity (MW)	Price \$/MW-Mo		
<i>C1</i> [redacted]	\$ [redacted]		-
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		
<i>B1</i> [redacted] x	\$ [redacted]		-
Start-up Gas			(0.01)
Cost of Gas			
Aggregate of the daily gas costs for month	= \$	[redacted]	0.01
Scheduling Charge:			
# Schedules	\$/Schedule		
<i>b4</i> 8 x	\$ [redacted]		-
Fired Hrs > 24	\$/Fired Hr		
<i>g3</i> 17 <i>(10)</i> x	\$ [redacted]		-
Oneta Adjustment			
Total	[redacted] MWh	\$ 2,190,462.28 <i>(7)</i>	\$ 2,190,462.28 -
System Daily Purchases			-
Additional Purchases			-
Not contract			-
Final Total	[redacted]	\$ 2,190,462.28	2,190,462.28 -

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12/1/2017		12/31/2017		From		PCI					
DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Heat Rate	Total Price	Cost of Gas \$	Start-up Charges	Hours Scheduled	Hours Sched/Day	Sched utes
12/31/17	10:00	0	3,4100	\$ -	0.00	\$ -	-	-	-	-	-
12/31/17	11:00	0	3,4100	\$ -	0.00	\$ -	-	-	-	-	-
12/31/17	12:00	0	3,4100	\$ -	0.00	\$ -	-	-	-	-	-
12/31/17	13:00	0	3,4100	\$ -	0.00	\$ -	-	-	-	-	-
12/31/17	14:00	0	3,4100	\$ -	0.00	\$ -	-	-	-	-	-
12/31/17	15:00	0	3,4100	\$ -	0.00	\$ -	-	-	-	-	-
12/31/17	16:00	0	3,4100	\$ -	0.00	\$ -	-	-	-	-	-
12/31/17	17:00	0	3,4100	\$ -	0.00	\$ -	-	-	-	-	-
12/31/17	18:00		3,4100	\$ -	0.00	\$ -	-	-	1	1	1
12/31/17	19:00		3,4100	\$ -	0.00	\$ -	-	-	1	1	1
12/31/17	20:00		3,4100	\$ -	0.00	\$ -	-	-	1	1	1
12/31/17	21:00		3,4100	\$ -	0.00	\$ -	-	-	1	1	1
12/31/17	22:00		3,4100	\$ -	0.00	\$ -	-	-	1	1	1
12/31/17	23:00		3,4100	\$ -	0.00	\$ -	-	-	1	1	1
12/31/17	24:00		3,4100	\$ -	0.00	\$ -	-	-	1	1	1
		30,550	0.00	0.0000					188		8

B

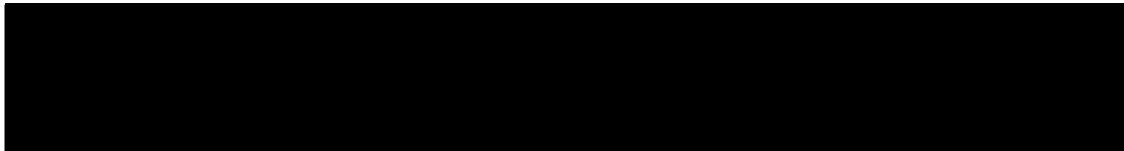
12/1/2017 12/31/2017 From PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Heat Rate	Total Price	Cost of Gas \$	Start	Start-up Charges	Hours Scheduled	Hours Sched/Day	Sched/Day
12/27/17	24:00	0	2.5650	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	1:00	0	2.5650	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	2:00	0	2.5650	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	3:00	0	2.5650	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	4:00	0	2.5650	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	5:00	0	2.5650	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	6:00	0	2.5650	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	7:00	0	2.5650	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	8:00	0	2.5650	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	9:00	0	2.5650	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	10:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	11:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	12:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	13:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	14:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	15:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	16:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	17:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	18:00	50	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	1	1	-
12/28/17	19:00	50	2.6500	\$ -	8.85	\$ -	\$ -	\$ -	\$ -	1	1	-
12/28/17	20:00	50	2.6500	\$ -	8.85	\$ -	\$ -	\$ -	\$ -	1	1	-
12/28/17	21:00	50	2.6500	\$ -	8.85	\$ -	\$ -	\$ -	\$ -	1	1	-
12/28/17	22:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	23:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/28/17	24:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	1:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	2:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	3:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	4:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	5:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	6:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	7:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	8:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	9:00	0	2.6500	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	10:00	0	3.4100	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	11:00	0	3.4100	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	12:00	0	3.4100	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	13:00	0	3.4100	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	14:00	0	3.4100	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	15:00	0	3.4100	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
12/29/17	16:00	0	3.4100	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

SPS 1 esc 1/1/13 esc 1/1/14 esc 1/1/15 esc 1/1/16 esc 1/1/17

VOM \$
Sched \$
Fired Hour \$



SPS 2 esc 1/1/13 esc 1/1/14 est 1/1/15

VOM \$
Sched \$
Fired Hour \$



Scheduling Charge Calculation for Overnight Run

Date of Run: 12/8/2017

Duration (Hrs): 41 *91*

Schedules
Fired Hrs

Current Charge:

Current Fired Hrs Fee:



DATE	TIME	MMWhs	Gas Daily PEPL-TX OK	Total Index	Delivery	2% City Tax	Revised Total Index	Heat Rate	Cost of Gas \$	Start-up Charges	Hours Scheduled	Hours Sched/Day	Sched/ules	Startup occurred?
12/07/17	7:00		2.4950	\$		102%	\$		\$		1	1	1	STARTUP
12/07/17	8:00		2.4950	\$		102%	\$		\$		1	1		
12/07/17	9:00		2.4950	\$		102%	\$		\$		1	1		
12/07/17	10:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	11:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	12:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	13:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	14:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	15:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	16:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	17:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	18:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	19:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	20:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	21:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	22:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	23:00		2.6700	\$		102%	\$		\$		1	1		
12/07/17	24:00		2.6700	\$		102%	\$		\$		1	1		
12/08/17	1:00		2.6700	\$		102%	\$		\$		1	1		
12/08/17	2:00		2.6700	\$		102%	\$		\$		1	1		
12/08/17	3:00		2.6700	\$		102%	\$		\$		1	1		
12/08/17	4:00		2.6700	\$		102%	\$		\$		1	1		
12/08/17	5:00		2.6700	\$		102%	\$		\$		1	1		
12/08/17	6:00		2.6700	\$		102%	\$		\$		1	1		
12/08/17	7:00		2.6700	\$		102%	\$		\$		1	1		
12/08/17	8:00		2.6700	\$		102%	\$		\$		1	1		
12/08/17	9:00		2.6700	\$		102%	\$		\$		1	1		
12/08/17	10:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	11:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	12:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	13:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	14:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	15:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	16:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	17:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	18:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	19:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	20:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	21:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	22:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	23:00		2.4250	\$		102%	\$		\$		1	1		
12/08/17	24:00		2.4250	\$		102%	\$		\$		1	1		

$\Sigma = 41$
①

TO support fired hours calc

5

ONETA POWER, LLC

Invoice Number: OEPSPS012018
Production Month: Jan-18

Invoice Date: February 9, 2018
Invoice Due Date: February 20, 2018

FINAL Invoice

Mail To:
 Southwestern Public Service Company
Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
Bank: MUFG Union Bank, N.A.
ABA Number: [REDACTED]
For Credit to Account Number: [REDACTED]
For Credit to Account Name: [REDACTED]

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

Internal Billing Inquiries
 David Haden 732-867-5852
 Fax Number: 732-249-7290

<u>POWER</u>						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crcncy</u>
Oneta						
	CAPACITY	[REDACTED]	MW	[REDACTED]	[REDACTED]	USD
	SCHEDFEE				\$	USD
	STARTUP - GAS		MW		\$	USD
	ENERGY - GAS				\$	USD
	ENERGY - VOV		MW		\$	USD
	FIRED HOURS				\$	USD
TOTAL:					\$2,254,956.62	

General Information

Contract Capacity					
Capacity Price (Non-Summer Mths - Oct thru May)	\$				/MW
Capacity Price (Summer Mths - June thru Sept)	\$				/MWM
Variable O&M Charge	\$				/MWh
Scheduling Charge	\$				/Schedule
	\$				/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>	Oneta's Numbers	Variance
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Contract Capacity (Non-Summer)

Contract Capacity (MW)		Price \$/MWM		
	x	\$		-

Variable O&M

Contract Energy (MWh)		Price \$/MWh		
	x	\$		0.00

Start-up Gas

- # cold starts 3 ✓
- # warm starts 1 ✓
- # hot starts 2 ✓

Cost of Gas

Aggregate of the daily gas costs for month = \$ [Redacted] *Rounding*

Scheduling Charge:

# Schedules		\$/Schedule	
Fired Hrs > 24		\$/Fired Hr	

Oneta Ad [Redacted]

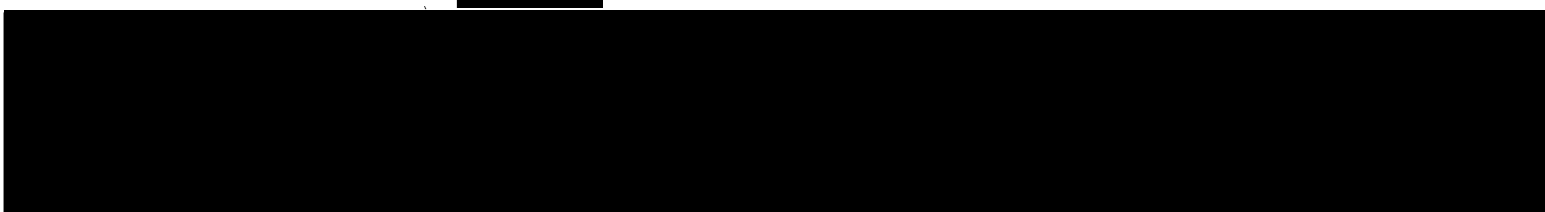
Total		MWh	\$ <u>2,254,956.61</u> (7)	\$ <u>2,254,956.62</u>	(0.01)
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System Daily Purchases

Additional Purchases

Not contract

Final Total			\$ <u>2,254,956.61</u>	<u>2,254,956.62</u>	(0.01)
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1/1/2018 1/31/2018

From PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index	Delivery	Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched Day	Hours Sched	Sched Rules
01/31/18	16:00		2.5900	\$ -	-	\$ -	102%	\$ -	0.00	\$ -	-	-	-	-	-	-	-	-
01/31/18	17:00		2.5900	\$ -	-	\$ -	102%	\$ -	0.00	\$ -	-	-	-	-	-	-	-	-
01/31/18	18:00		2.5900	\$ -	-	\$ -	102%	\$ -	0.00	\$ -	-	-	-	-	-	-	-	-
01/31/18	19:00		2.5900	\$ -	-	\$ -	102%	\$ -	0.00	\$ -	-	-	-	-	-	-	-	-
01/31/18	20:00		2.5900	\$ -	-	\$ -	102%	\$ -	0.00	\$ -	-	-	-	-	-	-	-	-
01/31/18	21:00		2.5900	\$ -	-	\$ -	102%	\$ -	0.00	\$ -	-	-	-	-	-	-	-	-
01/31/18	22:00		2.5900	\$ -	-	\$ -	102%	\$ -	0.00	\$ -	-	-	-	-	-	-	-	-
01/31/18	23:00		2.5900	\$ -	-	\$ -	102%	\$ -	0.00	\$ -	-	-	-	-	-	-	-	-
01/31/18	24:00		2.5900	\$ -	-	\$ -	102%	\$ -	0.00	\$ -	-	-	-	-	-	-	-	-
			0.00	\$ 0.0000	-	\$ -	102%	\$ -	0.00	\$ -	-	-	-	-	-	0	6	4

1/1/2018 1/31/2018

From PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched Day	Hours Sched/Day
01/27/18	24:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	1:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	2:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	3:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	4:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	5:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	6:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	7:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	8:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	9:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	10:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	11:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	12:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	13:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	14:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	15:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	16:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	17:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	18:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	19:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	20:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	21:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	22:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	23:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/28/18	24:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	1:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	2:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	3:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	4:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	5:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	6:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	7:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	8:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	9:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	10:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	11:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	12:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	13:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	14:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	15:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	16:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	17:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	18:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
01/29/18	19:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						

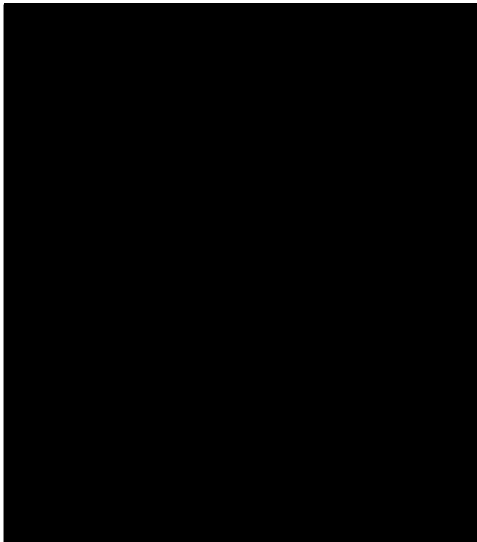
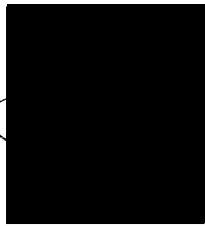
Scheduling Charge Calculation for Overnight Run

Date of Run: 1/1/2018

Duration (Hrs):

Current Charge:

Current Fired Hrs Fee:



Source: Oneta

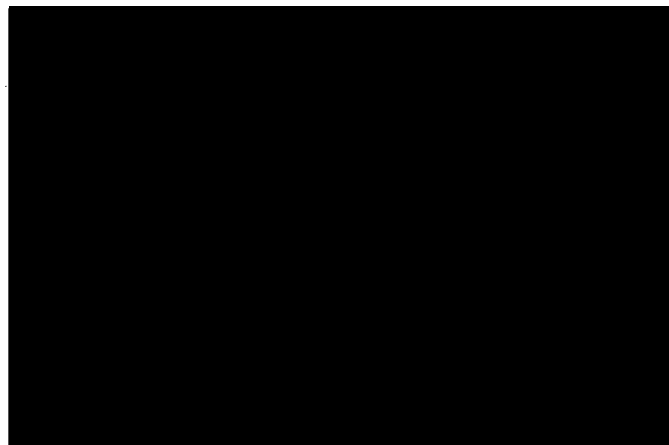
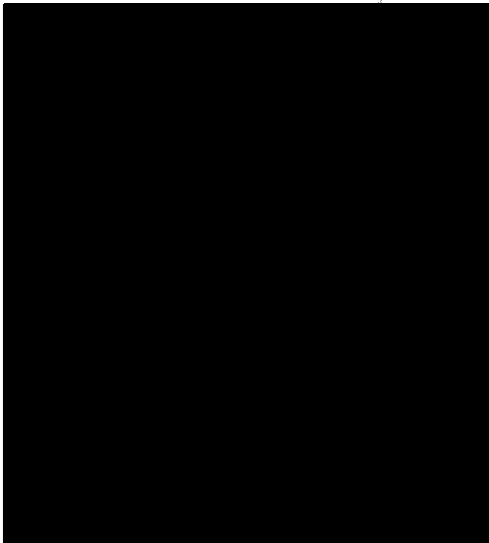
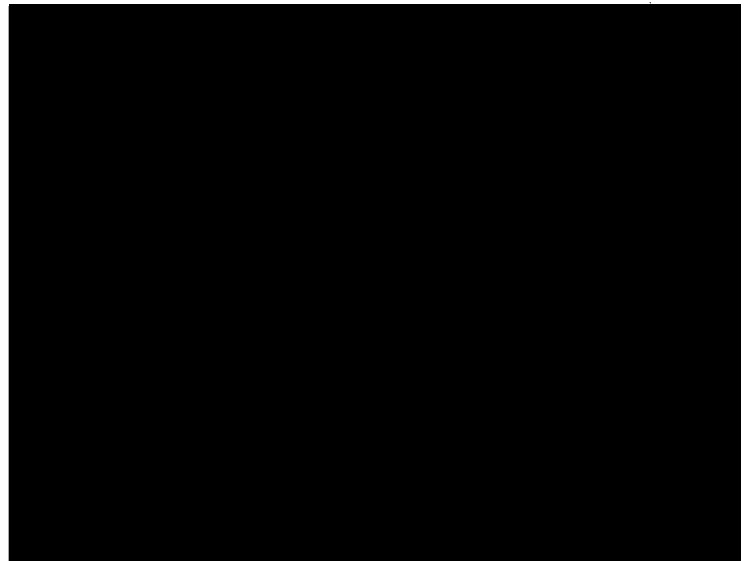
Scheduling Charge Calculation for Overnight Run

Date of Run: 1/16/2018

Duration (Hrs):

Current Charge:

Current Fired Hrs Fee:



Source: Qweta

G

ONETA POWER, LLC

Invoice Number: OELSPS2012018
Production Month: Jan-18
Invoice Date: February 9, 2018
Invoice Due Date: February 20, 2018

FINAL Invoice

Mail To:
Southwestern Public Service Company
Attn: Accounting Department
1099 18th Street, Suite 3000
Denver, CO 80202

Wire Funds To:
Bank: MUEG Union Bank, N.A.
ABA Number: [REDACTED]
For Credit to Account Number: [REDACTED]
For Credit to Account Name: [REDACTED]

Billing Inquiries
Accounting Dept. 303-308-2719
Fax Number: 303-308-2852

Internal Billing Inquiries
[REDACTED]

<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crncy</u>
ONETA	CAPACITY	[REDACTED]				USD
	SCHEDFEE	[REDACTED]				USD
	STARTUP - GAS	[REDACTED]				USD
	ENERGY - GAS	[REDACTED]				USD
	ENERGY - VOM	[REDACTED]				USD
					TOTAL:	\$2,759,010.60

73776
16816.8

General Information

Contract Capacity			MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MW-Mth
Capacity Price (Summer Mths - June thru Sept)	\$		/MW-Mth
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

Payment Calculation

		Calpine's Numbers	Variance
Contract Capacity			
Contract Capacity (MW)	Price \$/MW-Mo		-
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		-
Start-up Gas			-

Cost of Gas

Aggregate of the daily gas costs for month = \$ [REDACTED] -

Scheduling Charge:

Schedules \$/Schedule
 [REDACTED]

Fired Hrs > 24 \$/Fired Hr
 [REDACTED]

Oneta A [REDACTED]

Total	[REDACTED] MWh	\$	<u>2,759,010.60</u> (7)	\$	<u>2,759,010.60</u>	-
System Daily Purchases						-
Additional Purchases						-
Not contract						-
Final Total	[REDACTED]	\$	<u>2,759,010.60</u>		<u>2,759,010.60</u>	-



1/1/2018 1/31/2018 From PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index	Delivery	Heat Rate	2% City Tax	Revised Total Index	Total Price	Cost of Gas \$	Start	Charges	Hours Scheduled	Hours Sched/Day	Sched ules
01/31/18	10:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	11:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	12:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	13:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	14:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	15:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	16:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	17:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	18:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	19:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	20:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	21:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	22:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	23:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
01/31/18	24:00		2.5900	\$ -	-	0.00	102%	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-
			0.00	0.0000									197		8

1/1/2018 1/31/2018 From

PKL

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	Start	Start-up Charges	Hours Scheduled	Sched/Day	Hours Scheduled
01/27/18	24:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	1:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	2:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	3:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	4:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	5:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	6:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	7:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	8:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	9:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	10:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	11:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	12:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	13:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	14:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	15:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	16:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	17:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	18:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	19:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	20:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	21:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	22:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	23:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/28/18	24:00		2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	1:00	0	2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	2:00	0	2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	3:00	0	2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	4:00	0	2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	5:00	0	2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	6:00	0	2.8000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	7:00		2.8000	\$ -	\$ -	102%	\$ -	7.35	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	8:00		2.8000	\$ -	\$ -	102%	\$ -	7.35	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	9:00		2.8000	\$ -	\$ -	102%	\$ -	7.35	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	10:00		2.8000	\$ -	\$ -	102%	\$ -	7.35	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	11:00		2.8000	\$ -	\$ -	102%	\$ -	7.35	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	12:00		2.8000	\$ -	\$ -	102%	\$ -	7.35	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	13:00		2.8000	\$ -	\$ -	102%	\$ -	7.35	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	14:00		2.8000	\$ -	\$ -	102%	\$ -	7.35	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	15:00		2.8000	\$ -	\$ -	102%	\$ -	7.35	\$ -	\$ -	\$ -	-	-	-	-
01/29/18	16:00		2.8000	\$ -	\$ -	102%	\$ -	7.35	\$ -	\$ -	\$ -	-	-	-	-

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

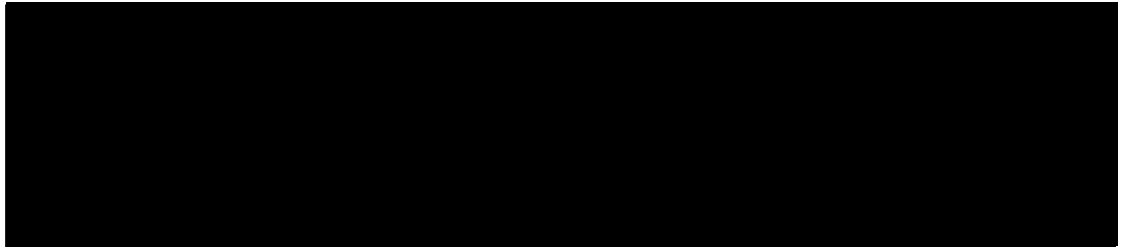
SPS 1 esc 1/1/13 esc 1/1/14 esc 1/1/15 esc 1/1/16 esc 1/1/17 esc 1/1/18

VOM \$
Sched \$
Fired Hour \$



SPS 2 esc 1/1/13 esc 1/1/14 est 1/1/15

VOM \$
Sched \$
Fired Hour \$



E

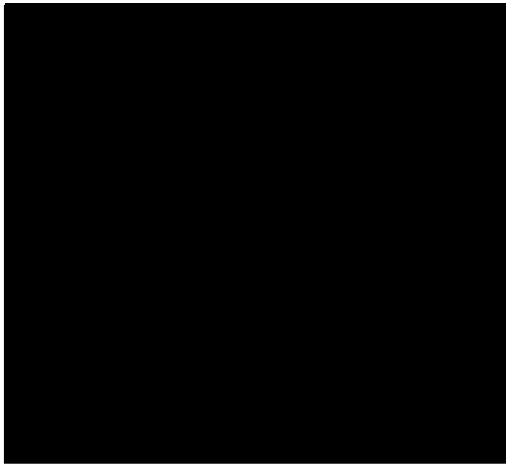
Scheduling Charge Calculation for Overnight Run

Date of Run: 1/1/2018

Duration (Hrs):

Current Charge:

Current Fired Hrs Fee:



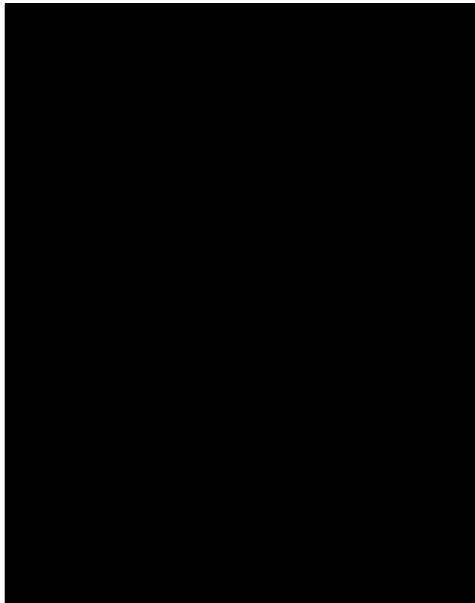
Scheduling Charge Calculation for Overnight Run

Date of Run: 1/3/2018

Duration (Hrs):

Current Charge:

Current Fired Hrs Fee:



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S
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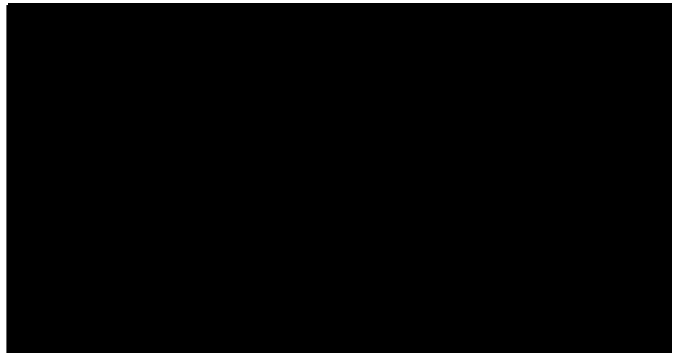
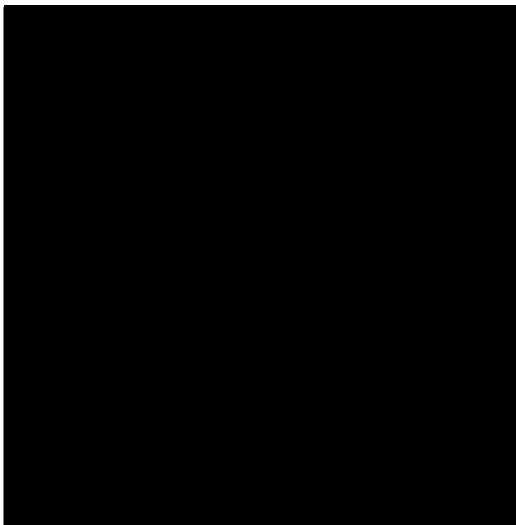
Scheduling Charge Calculation for Overnight Run

Date of Run: 1/6/2018

Duration (Hrs):

Current Charge:

Current Fired Hrs Fee:



H

ONETA POWER, LLC

Invoice Number: OELSPS2022018
Production Month: Feb-18
Invoice Date: March 8, 2018
Invoice Due Date: March 20, 2018

FINAL Invoice

Mail To:
Southwestern Public Service Company
Attn: Accounting Department
1099 18th Street, Suite 3000
Denver, CO 80202

Wire Funds To:
Bank: MIEG Union Bank, N.A.
ABA Number: [Redacted]
For Credit to Account Number: [Redacted]
For Credit to Account Name: [Redacted]

Billing Inquiries
Accounting Dept. 303-308-2719
Fax Number: 303-308-2852

Internal Billing Inquiries
[Redacted]

POWER

<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crcncy</u>
ONETA						
	CAPACITY	[Redacted]				USD
	SCHEDFEE	[Redacted]				USD
	STARTUP - GAS	[Redacted]				USD
	ENERGY - GAS	[Redacted]				USD
	ENERGY - VOM	[Redacted]				USD
TOTAL:					<i>Ac</i> \$1,858,958.59	

General Information

Contract Capacity			MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MW-Mth
Capacity Price (Summer Mths - June thru Sept)	\$		/MW-Mth
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>	Calpine's	Variance
	Numbers	

Contract Capacity			
Contract Capacity (MW)	Price \$/MW-Mo		-
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		-
Start-up Gas			-

Cost of Gas

Aggregate of the daily gas costs for month	=	\$		-
Scheduling Charge:				
# Schedules	\$/Schedule			-
Fired Hrs > 24	\$/Fired Hr			-

Oneta Adjustment

Total	MWh	\$	<u>1,858,958.59</u>	\$	<u>1,858,958.59</u>	-
System Daily Purchases						-
Additional Purchases						-
Not contract						-
Final Total		\$	<u>1,858,958.59</u>		<u>1,858,958.59</u>	-

2018-02 Oneta2 Calcs Estimate.xlsx - Pricing Calc

2/1/2018

From 2/28/2018

PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Heat Rate	2% City Tax	Revised Total Index	Total Price	Cost of Gas \$	Start-up Charges	Hours Scheduled	Hours Sched/Day	Sched/ules
02/27/18	24:00	0	2.0800	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	1:00	0	2.0800	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	2:00	0	2.0800	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	3:00	0	2.0800	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	4:00	0	2.0800	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	5:00	0	2.0800	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	6:00	0	2.0800	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	7:00	0	2.0800	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	8:00	0	2.0800	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	9:00	0	2.0800	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	10:00	50	2.0350	\$ -	8.85	102%		\$ -	\$ -	\$ -	1	-	-
02/28/18	11:00	50	2.0350	\$ -	8.85	102%		\$ -	\$ -	\$ -	1	-	-
02/28/18	12:00	50	2.0350	\$ -	8.85	102%		\$ -	\$ -	\$ -	1	-	-
02/28/18	13:00	0	2.0350	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	14:00	0	2.0350	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	15:00	0	2.0350	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	16:00	0	2.0350	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	17:00	0	2.0350	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	18:00	0	2.0350	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	19:00	0	2.0350	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	20:00	0	2.0350	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	21:00	0	2.0350	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	22:00	0	2.0350	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	23:00	0	2.0350	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
02/28/18	24:00	0	2.0350	\$ -	0.00	102%		\$ -	\$ -	\$ -	-	-	-
				0.00	0.0000								

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Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

SPS 1		esc 1/1/13	esc 1/1/14	esc 1/1/15	esc 1/1/16	esc 1/1/17	esc 1/1/18
VOM	\$	[REDACTED]					
Sched	\$	[REDACTED]					
Fired Hour	\$	[REDACTED]					

SPS 2		esc 1/1/13	esc 1/1/14	est 1/1/15
VOM	\$	[REDACTED]		
Sched	\$	[REDACTED]		
Fired Hour	\$	[REDACTED]		

ONETA POWER, LLC

Invoice Number: OEPSPS022018
Production Month: Feb-18
Invoice Date: March 8, 2018
Invoice Due Date: March 20, 2018

FINAL Invoice

Mail To:
 Southwestern Public Service Company
 Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
 Bank: MUFG Union Bank, N.A.
 ABA Number: [REDACTED]
 For Credit to Account Number: [REDACTED]
 For Credit to Account Name: [REDACTED]

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

Internal Billing Inquiries
 [REDACTED]

<u>POWER</u>						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crcny</u>
Oneta						
	CAPACITY	[REDACTED]				USD
	SCHEDFEE	[REDACTED]				USD
	STARTUP - GAS	[REDACTED]				USD
	ENERGY - GAS	[REDACTED]				USD
	ENERGY - VOM	[REDACTED]				USD
	FIRED HOURS	[REDACTED]				USD
TOTAL:					AG	\$1,298,679.78

General Information

Contract Capacity			MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MWM
Capacity Price (Summer Mths - June thru Sept)	\$		/MWM
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>		Oneta's Numbers	Variance
Contract Capacity (Non-Summer)			
Contract Capacity (MW)	Price \$/MWM		-
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		(0.00)
Start-up Gas	= \$		-
# cold starts			
# warm starts			
# hot starts			
Cost of Gas			
Aggregate of the daily gas costs for month	= \$		(0.00)
Scheduling Charge:			
# Schedules	\$/Schedule		-
Fired Hrs > 24	\$/Fired Hr	0.00	-
Oneta Adjustment			
Total	MWh	\$ 1,298,679.78	\$ 1,298,679.78 (6) 0.00
System Daily Purchases			
Additional Purchases			
Not contract			
Final Total		\$ 1,298,679.78	1,298,679.78 0.00

2/1/2018 2/28/2018

From PGI

DATE	TIME	MWths	Gas Daily		Total Index	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched/Day	Hours Sched/Day	
			PEPL-TX OK	Delivery											
02/27/18	24:00		2.0800	\$ -	0.00	\$ -	\$ -								
02/28/18	1:00		2.0800	\$ -	0.00	\$ -	\$ -								
02/28/18	2:00		2.0800	\$ -	0.00	\$ -	\$ -								
02/28/18	3:00		2.0800	\$ -	0.00	\$ -	\$ -								
02/28/18	4:00		2.0800	\$ -	0.00	\$ -	\$ -								
02/28/18	5:00		2.0800	\$ -	0.00	\$ -	\$ -								
02/28/18	6:00		2.0800	\$ -	0.00	\$ -	\$ -								
02/28/18	7:00		2.0800	\$ -	0.00	\$ -	\$ -								
02/28/18	8:00		2.0800	\$ -	0.00	\$ -	\$ -								
02/28/18	9:00		2.0800	\$ -	0.00	\$ -	\$ -								
02/28/18	10:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	11:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	12:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	13:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	14:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	15:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	16:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	17:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	18:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	19:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	20:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	21:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	22:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	23:00		2.0350	\$ -	0.00	\$ -	\$ -								
02/28/18	24:00		2.0350	\$ -	0.00	\$ -	\$ -								
													0.0000	0	4

ONETA POWER, LLC

Invoice Number: OELSPS2032018
Production Month: Mar-18
Invoice Date: April 10, 2018
Invoice Due Date: April 20, 2018

FINAL Invoice

Mail To:
 Southwestern Public Service Company
 Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
 Bank: MUFG Union Bank, N.A.
 ABA Number: [REDACTED]
 For Credit to Account Number: [REDACTED]
 For Credit to Account Name: [REDACTED]

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Cmcy</u>
ONETA	CAPACITY	[REDACTED]				USD
	SCHEDFEE	[REDACTED]				USD
	STARTUP - GAS	[REDACTED]				USD
	ENERGY - GAS	[REDACTED]				USD
	ENERGY - VOM	[REDACTED]				USD
TOTAL:					<i>Ag</i> \$1,715,826.60	

73776
 16816.8

General Information

Contract Capacity					
Capacity Price (Non-Summer Mths - Oct thru May)	\$				/MW
Capacity Price (Summer Mths - June thru Sept)	\$				/MW-Mth
Variable O&M Charge	\$				/MWh
Scheduling Charge	\$				/Schedule
	\$				/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

Payment Calculation

		Calpine's Numbers	Variance
Contract Capacity			
Contract Capacity (MW)	Price \$/MW-Mo		
			-
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		
			-
Start-up Gas			(0.01)

Cost of Gas

Aggregate of the daily gas costs for month	=	\$		-
Scheduling Charge:				
# Schedules		\$/Schedule		-
Fired Hrs > 24		\$/Fired Hr		-
	=	\$	0.00	-

Oneta Adjustment

Total		MWh	\$	<u>1,715,826.59</u>	\$	<u>1,715,826.60</u> (6)	(0.01)
System Daily Purchases							-
Additional Purchases							-
Not contract							
Final Total			\$	<u>1,715,826.59</u>		<u>1,715,826.60</u>	(0.01)

2018-03 Oneta2 Calcs Estimate.xlsx - Pricing Calc

DATE	TIME	From	3/31/2018	3/31/2018	PEPL-TX-OK	MWhts	Gas Daily	Total Index	Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	Start Charges	Hours Scheduled	Hours Sched/Day
03/31/18	10:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	11:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	12:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	13:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	14:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	15:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	16:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	17:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	18:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	19:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	20:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	21:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	22:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	23:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
03/31/18	24:00				0	1.9950	\$ -			102%		0.00	\$ -	\$ -	-	-	-
													0.00	0.0000			
																4	

3/1/2018 3/31/2018 From PCI

DATE	TIME	MW/hrs	Gas Daily PEPL-TX OK	Total Index Delivery	Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Gas \$	Start	Start-up Charges	Hours Scheduled	Hours Sched/Day
03/27/18	24:00	0	1.9200	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	1:00	0	1.9200	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	2:00	0	1.9200	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	3:00	0	1.9200	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	4:00	0	1.9200	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	5:00	0	1.9200	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	6:00	0	1.9200	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	7:00	0	1.9200	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	8:00	0	1.9200	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	9:00	0	1.9200	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	10:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	11:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	12:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	13:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	14:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	15:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	16:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	17:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	18:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	19:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	20:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	21:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	22:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	23:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/28/18	24:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	1:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	2:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	3:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	4:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	5:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	6:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	7:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	8:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	9:00	0	1.9700	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	10:00	0	1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	11:00	0	1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	12:00	0	1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	13:00	0	1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	14:00	0	1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	15:00	0	1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
03/29/18	16:00	0	1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

SPS 1		esc 1/1/13	esc 1/1/14	esc 1/1/15	esc 1/1/16	esc 1/1/17	esc 1/1/18
VOM	\$	[REDACTED]					
Sched	\$	[REDACTED]					
Fired Hour	\$	[REDACTED]					

SPS 2		esc 1/1/13	esc 1/1/14	est 1/1/15
VOM	\$	[REDACTED]		
Sched	\$	[REDACTED]		
Fired Hour	\$	[REDACTED]		

ONETA POWER, LLC

Invoice Number: OEPS032018
Production Month: Mar-18
Invoice Date: April 10, 2018
Invoice Due Date: April 20, 2018

FINAL Invoice

Mail To:
 Southwestern Public Service Company
 Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
 Bank: MUFG Union Bank, N.A.
 ABA Number: [REDACTED]
 For Credit to Account Number: [REDACTED]
 For Credit to Account Name: [REDACTED]

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

Internal Billing Inquiries
 [REDACTED]

POWER

<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crncy</u>
Oneta						
	CAPACITY	[REDACTED]				USD
	SCHEDFEE	[REDACTED]				USD
	STARTUP - GAS	[REDACTED]				USD
	ENERGY - GAS	[REDACTED]				USD
	ENERGY - VOM	[REDACTED]				USD
	FIRED HOURS	[REDACTED]				USD
TOTAL: <i>Ac</i> \$1,177,397.75						

Southwestern Public Service Company
 Oneta Power - Purchase Power Payment Calculation - Contract 1
 March 2018

General Information

Contract Capacity			MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MWM
Capacity Price (Summer Mths - June thru Sept)	\$		/MWM
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>	Oneta's Numbers	Variance
----------------------------	--------------------	----------

Contract Capacity (Non-Summer)

	Price			
Contract Capacity (MW)	\$/MWM			
C [Redacted]				-

Variable O&M

	Price			
Contract Energy (MWh)	\$/MWh			
B [Redacted]				0.00

Start-up Gas

- # cold starts [Redacted]
- # warm starts -
- # hot starts -

Cost of Gas

Aggregate of the daily gas costs for month	=	\$	[Redacted]	-
--	---	----	------------	---

Scheduling Charge:

# Schedules		\$/Schedule		
B [Redacted]				-
Fired Hrs > 24		\$/Fired Hr		
[Redacted]				0.00

Oneta Adjustment

Total		MWh	<u>\$ 1,177,397.75</u> (6)	<u>\$ 1,177,397.75</u>	(0.00)
System Daily Purchases					-
Additional Purchases					-
Not contract					
Final Total			<u>\$ 1,177,397.75</u>	<u>1,177,397.75</u>	(0.00)

A

3/1/2018 3/31/2018

From **Box**

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched/Day	Hours Sched/Day
03/31/18	16:00		1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
03/31/18	17:00		1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
03/31/18	18:00		1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
03/31/18	19:00		1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
03/31/18	20:00		1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
03/31/18	21:00		1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
03/31/18	22:00		1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
03/31/18	23:00		1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
03/31/18	24:00		1.9950	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -						
			0.00	\$ 0.0000	\$ -		\$ -		\$ -	\$ -						

B

3/1/2018 3/31/2018

From PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched Day	Hours Sched	ules
03/27/18	24:00		1.9200	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	1:00		1.9200	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	2:00		1.9200	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	3:00		1.9200	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	4:00		1.9200	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	5:00		1.9200	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	6:00		1.9200	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	7:00		1.9200	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	8:00		1.9200	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	9:00		1.9200	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	10:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	11:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	12:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	13:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	14:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	15:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	16:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	17:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	18:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	19:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	20:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	21:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	22:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	23:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/28/18	24:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	1:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	2:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	3:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	4:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	5:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	6:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	7:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	8:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	9:00		1.9700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	10:00		1.9950	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	11:00		1.9950	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	12:00		1.9950	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	13:00		1.9950	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	14:00		1.9950	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	15:00		1.9950	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	16:00		1.9950	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	17:00		1.9950	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	18:00		1.9950	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
03/29/18	19:00		1.9950	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

SPS 1		esc 1/1/13	esc 1/1/14	esc 1/1/15	esc 1/1/16	esc 1/1/17	esc 1/1/18
VOM	\$	[Redacted]					
Sched	\$	[Redacted]					
Fired Hour	\$	[Redacted]					

SPS 2		esc 1/1/13	esc 1/1/14	est 1/1/15
VOM	\$	[Redacted]		
Sched	\$	[Redacted]		
Fired Hour	\$	[Redacted]		

ONETA POWER, LLC

Invoice Number: OELSPS2042018
Production Month: Apr-18
Invoice Date: May 9, 2018
Invoice Due Date: May 20, 2018

FINAL Invoice

Mail To:
 Southwestern Public Service Company
 Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
 Bank: MUFG Union Bank, N.A.
 ABA Number: [REDACTED]
 For Credit to Account Number: [REDACTED]
 For Credit to Account Name: [REDACTED]

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

Internal Billing Inquiries
 [REDACTED]

<u>POWER</u>						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crncy</u>
ONETA	CAPACITY	[REDACTED]				USD
	SCHEDFEE	[REDACTED]				USD
	STARTUP - GAS	[REDACTED]				USD
	ENERGY - GAS	[REDACTED]				USD
	ENERGY - VOM	[REDACTED]				USD
					TOTAL:	\$2,465,477.99

General Information

Contract Capacity			/MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MW-Mth
Capacity Price (Summer Mths - June thru Sept)	\$		/MW-Mth
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

Payment Calculation

Calpine's
 Numbers Variance

Contract Capacity

Contract Capacity (MW)	Price		
	\$/MW-Mo		

Variable O&M

Contract Energy (MWh)	Price		
	\$/MWh		

Start-up Gas

Cost of Gas

Aggregate of the daily gas costs for month = \$ [Redacted]

Scheduling Charge:

# Schedules	\$/Schedule		
-------------	-------------	--	--

Fired Hrs > 24	\$/Fired Hr	= \$	0.00
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Oneta Adjustment

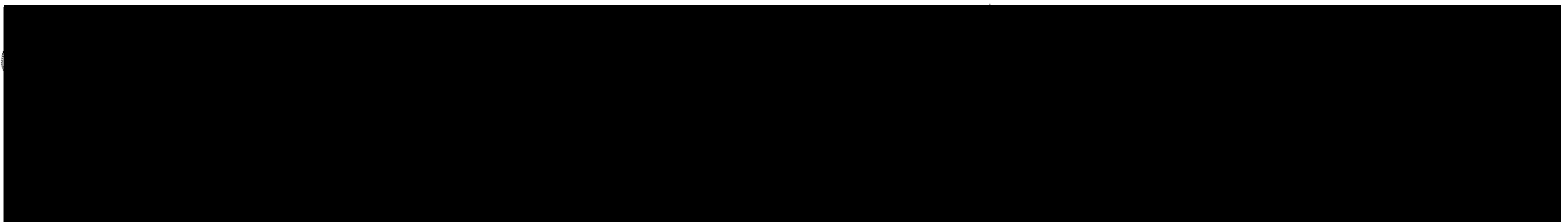
Total		MWh	\$ 2,461,177.12	\$ 2,465,477.99	(4,300.87)
-------	--	-----	-----------------	-----------------	------------

System Daily Purchases

Additional Purchases

Not contract

Final Total			\$ 2,461,177.12	2,465,477.99	(4,300.87)
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4/1/2018 4/30/2018

From

PEPL-TX-OK

Gas Daily Total Index

PEPL-TX-OK Delivery

MWths

TIME

DATE

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery
04/29/18	17:00	0	2.0050	\$ -
04/29/18	18:00	0	2.0050	\$ -
04/29/18	19:00	50	2.0050	\$ -
04/29/18	20:00	50	2.0050	\$ -
04/29/18	21:00	50	2.0050	\$ -
04/29/18	22:00	0	2.0050	\$ -
04/29/18	23:00	0	2.0050	\$ -
04/29/18	24:00	0	2.0050	\$ -
04/30/18	1:00	0	2.0050	\$ -
04/30/18	2:00	0	2.0050	\$ -
04/30/18	3:00	0	2.0050	\$ -
04/30/18	4:00	0	2.0050	\$ -
04/30/18	5:00	0	2.0050	\$ -
04/30/18	6:00	0	2.0050	\$ -
04/30/18	7:00	0	2.0050	\$ -
04/30/18	8:00	0	2.0050	\$ -
04/30/18	9:00	0	2.0050	\$ -
04/30/18	10:00	0	2.0050	\$ -
04/30/18	11:00	0	2.0050	\$ -
04/30/18	12:00	0	2.0050	\$ -
04/30/18	13:00	0	2.0050	\$ -
04/30/18	14:00	0	2.0050	\$ -
04/30/18	15:00	0	2.0050	\$ -
04/30/18	16:00	0	2.0050	\$ -
04/30/18	17:00	0	2.0050	\$ -
04/30/18	18:00	0	2.0050	\$ -
04/30/18	19:00	0	2.0050	\$ -
04/30/18	20:00	0	2.0050	\$ -
04/30/18	21:00	0	2.0050	\$ -
04/30/18	22:00	0	2.0050	\$ -
04/30/18	23:00	0	2.0050	\$ -
04/30/18	24:00	0	2.0050	\$ -

2% City Tax

Index +0.48

Revised Total Index

Heat Rate

Total Price

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	2% City Tax	Index +0.48	Revised Total Index	Heat Rate	Total Price
04/29/18	17:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/29/18	18:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/29/18	19:00	50	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/29/18	20:00	50	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/29/18	21:00	50	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/29/18	22:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/29/18	23:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/29/18	24:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	1:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	2:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	3:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	4:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	5:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	6:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	7:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	8:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	9:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	10:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	11:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	12:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	13:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	14:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	15:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	16:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	17:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	18:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	19:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	20:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	21:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	22:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	23:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -
04/30/18	24:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -

Total

Price

Gas \$

Start

Charges

Hours Scheduled

Hours Sched/Day

Cost of

Gas \$

Start

Charges

Hours Scheduled

Hours Sched/Day

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	2% City Tax	Index +0.48	Revised Total Index	Heat Rate	Total Price	Gas \$	Start	Charges	Hours Scheduled	Hours Sched/Day
04/29/18	17:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/29/18	18:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/29/18	19:00	50	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	1	1
04/29/18	20:00	50	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	1	1
04/29/18	21:00	50	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	1	1
04/29/18	22:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/29/18	23:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/29/18	24:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	1:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	2:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	3:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	4:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	5:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	6:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	7:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	8:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	9:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	10:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	11:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	12:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	13:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	14:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	1	1
04/30/18	15:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	1	1
04/30/18	16:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	1	1
04/30/18	17:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	1	1
04/30/18	18:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	1	1
04/30/18	19:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	1	1
04/30/18	20:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	1	1
04/30/18	21:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	1	1
04/30/18	22:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	23:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-
04/30/18	24:00	0	2.0050	\$ -	102%	\$ -	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

SPS 1		esc 1/1/13	esc 1/1/14	esc 1/1/15	esc 1/1/16	esc 1/1/17	esc 1/1/18
VOM	\$	[REDACTED]					
Sched	\$	[REDACTED]					
Fired Hour	\$	[REDACTED]					

SPS 2		esc 1/1/13	esc 1/1/14	est 1/1/15
VOM	\$	[REDACTED]		
Sched	\$	[REDACTED]		
Fired Hour	\$	[REDACTED]		

E

ONETA POWER, LLC

Invoice Number: OEPSPS042018
Production Month: Apr-18

Invoice Date: May 9, 2018
Invoice Due Date: May 20, 2018

FINAL Invoice

Mail To:
 Southwestern Public Service Company
 Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
 Bank: MUFG Union Bank, N.A.
 ABA Number: [REDACTED]
 For Credit to Account Number: [REDACTED]
 For Credit to Account Name: [REDACTED]

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

Internal Billing Inquiries
 [REDACTED]

<u>POWER</u>						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crcny</u>
Oneta						
	CAPACITY					USD
	SCHEDFEE					USD
	STARTUP - GAS					USD
	ENERGY - GAS					USD
	ENERGY : VON <i>11/8</i>					USD
	FIRED HOURS					USD
					TOTAL: <i>11/6</i>	\$2,057,149.06

General Information

Contract Capacity					
Capacity Price (Non-Summer Mths - Oct thru May)	\$				/MWM
Capacity Price (Summer Mths - June thru Sept)	\$				/MWM
Variable O&M Charge	\$				/MWh
Scheduling Charge	\$				/Schedule
	\$				/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>		Oneta's Numbers	Variance
Contract Capacity (Non-Summer)			
Contract Capacity (MW)	Price \$/MWM		
			-
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		
			(0.00)
Start-up Gas	= \$		-
# cold starts			
# warm starts			
# hot starts			
Cost of Gas			
Aggregate of the daily gas costs for month	= \$		(0.00)
Scheduling Charge:			
# Schedules	\$/Schedule		
			-
Fired Hrs > 24	\$/Fired Hr		
	= \$	0.00	-
Oneta Adjustment			
Total		MWh	
		\$ 2,057,149.06	\$ 2,057,149.06 0.00
System Daily Purchases			-
Additional Purchases			-
Not contract			
Final Total		\$ 2,057,149.06	2,057,149.06 0.00

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2018-04 Oneta1 Calcs Est.xlsx - Pricing Calc

4/1/2018 4/30/2018

From PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched Day	Hours Sched Day	Sched Rules
04/29/18	20:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/29/18	21:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/29/18	22:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/29/18	23:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/29/18	24:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	1:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	2:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	3:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	4:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	5:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	6:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	7:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	8:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	9:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	10:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	11:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	12:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	13:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	14:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	15:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	16:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	17:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	18:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	19:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	20:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	21:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	22:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	23:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
04/30/18	24:00	0	2.0050	\$ -	0.00	\$ -	\$ -				\$ -			
													0.00	0.0000

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B

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

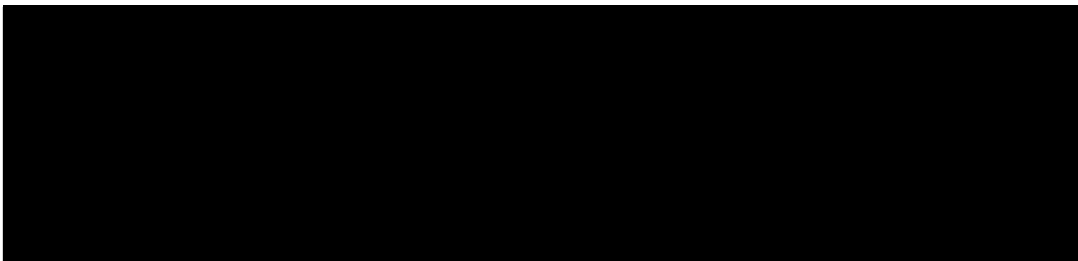
SPS 1 esc 1/1/13 esc 1/1/14 esc 1/1/15 esc 1/1/16 esc 1/1/17 esc 1/1/18

VOM \$
Sched \$
Fired Hour \$



SPS 2 esc 1/1/13 esc 1/1/14 est 1/1/15

VOM \$
Sched \$
Fired Hour \$



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ONETA POWER, LLC

Invoice Number: OELSPS2052018
Production Month: May-18
Invoice Date: June 8, 2018
Invoice Due Date: June 20, 2018

FINAL Invoice

Mail To:
 Southwestern Public Service Company
 Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
 Bank: MUFG Union Bank, N.A.
 ABA Number: [REDACTED]
 For Credit to Account Number: [REDACTED]
 For Credit to Account Name: [REDACTED]

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

Internal Billing Inquiries
 [REDACTED]

<u>POWER</u>							
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crncy</u>	
ONETA							
	CAPACITY						USD
	SCHEDFEE						USD
	STARTUP - GAS						USD
	ENERGY - GAS						USD
	ENERGY - VON						USD
TOTAL:						A7	\$3,281,895.80

Southwestern Public Service Company
Oneta Power - Purchase Power Payment Calculation - Contract 2
May 2018

General Information

Contract Capacity			MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MW-Mth
Capacity Price (Summer Mths - June thru Sept)	\$		/MW-Mth
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>	Calpine's	Numbers	Variance
----------------------------	------------------	----------------	-----------------

Contract Capacity				
Contract Capacity (MW)	Price			
	\$/MW-Mo			
[Redacted]				-
Variable O&M				
Contract Energy (MWh)	Price			
	\$/MWh			
[Redacted]				-
Start-up Gas				
[Redacted]				-

Cost of Gas

Aggregate of the daily gas costs for month	=	\$	[Redacted]	-
Scheduling Charge:				
# Schedules	\$/Schedule			
[Redacted]				-
Fired Hrs > 24	\$/Fired Hr			
[Redacted]	=	\$	0.00	-

Oneta Adjustment

Total		MWh	<u>\$ 3,281,895.78</u>	<u>\$ 3,281,895.80</u>	(0.02)
System Daily Purchases					-
Additioanal Purchases					-
Not contract					
Final Total			<u>\$ 3,281,895.78</u>	<u>3,281,895.80</u>	(0.02)

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General Information

Contract Capacity			MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MW-Mth
Capacity Price (Summer Mths - June thru Sept)	\$		/MW-Mth
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>	Calpine's	Variance
	Numbers	

Contract Capacity			
Contract Capacity (MW)	Price \$/MW-Mo		
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		
Start-up Gas			

Cost of Gas			
Aggregate of the daily gas costs for month	=	\$	
Scheduling Charge:			
# Schedules	\$/Schedule		
Fired Hrs > 24	\$/Fired Hr	=	\$ 0.00

Oneta Adjustment

Total	MWh	\$ 2,461,177.12	\$ 2,465,477.99
System Daily Purchases			
Additional Purchases			
Not contract			
Final Total		\$ 2,461,177.12	2,465,477.99

5/1/2018 5/31/2018 From PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Heat Rate	Total Price	Cost of Gas \$	Start-up Charges	Hours Scheduled	Hours Sched/Day	Sched/Day
05/27/18	24:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	1:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	2:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	3:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	4:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	5:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	6:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	7:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	8:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	9:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	10:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	11:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	12:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/28/18	13:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/28/18	14:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/28/18	15:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/28/18	16:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/28/18	17:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/28/18	18:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/28/18	19:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/28/18	20:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/28/18	21:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/28/18	22:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/28/18	23:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/28/18	24:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/29/18	1:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/29/18	2:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/29/18	3:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/29/18	4:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/29/18	5:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/29/18	6:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/29/18	7:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/29/18	8:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/29/18	9:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
05/29/18	10:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/29/18	11:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/29/18	12:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/29/18	13:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/29/18	14:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/29/18	15:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
05/29/18	16:00	0	2.4050	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

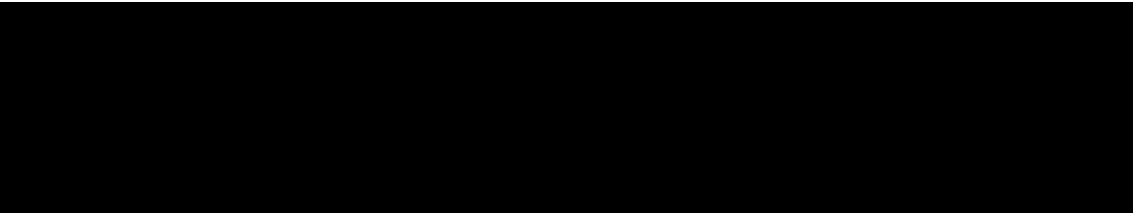
SPS 1		esc 1/1/13	esc 1/1/14	esc 1/1/15	esc 1/1/16	esc 1/1/17	esc 1/1/18
-------	--	------------	------------	------------	------------	------------	------------

VOM	\$						
Sched	\$						
Fired Hour	\$						



SPS 2		esc 1/1/13	esc 1/1/14	est 1/1/15
-------	--	------------	------------	------------

VOM	\$			
Sched	\$			
Fired Hour	\$			



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ONETA POWER, LLC

Invoice Number: OEPSPS052018
Production Month: May-18
Invoice Date: June 8, 2018
Invoice Due Date: June 20, 2018

FINAL Invoice

Mail To:
Southwestern Public Service Company
Attn: Accounting Department
1099 18th Street, Suite 3000
Denver, CO 80202

Wire Funds To:
Bank: MUFG Union Bank, N.A.
ABA Number: [REDACTED]
For Credit to Account Number: [REDACTED]
For Credit to Account Name: [REDACTED]

Billing Inquiries
Accounting Dept. 303-308-2719
Fax Number: 303-308-2852

Internal Billing Inquiries
[REDACTED]

<u>POWER</u>						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crncy</u>
Oneta						
	CAPACITY	[REDACTED]				USD
	SCHEDFEE	[REDACTED]				USD
	STARTUP - GAS	[REDACTED]				USD
	ENERGY - GAS	[REDACTED]				USD
	ENERGY - VOM	[REDACTED]				USD
	FIRED HOURS	[REDACTED]				USD
					TOTAL:	Ag \$2,988,913.96

General Information

Contract Capacity			/MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MWM
Capacity Price (Summer Mths - June thru Sept)	\$		/MWM
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

Payment Calculation

		Oneta's Numbers	Variance
Contract Capacity (Non-Summer)			
Contract Capacity (MW)	Price \$/MWM		-
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		0.00
Start-up Gas			-
# cold starts			
# warm starts			
# hot starts			
Cost of Gas			
Aggregate of the daily gas costs for month	= \$		0.00
Scheduling Charge:			
# Schedules	\$/Schedule		-
Fired Hrs > 24	\$/Fired Hr		-
	= \$	0.00	-

Oneta Adjustment

Total		MWh	\$ 2,988,913.96	\$ 2,988,913.96	(0.00)
System Daily Purchases					-
Additional Purchases					-
Not contract					
Final Total			\$ 2,988,913.96	2,988,913.96	(0.00)

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5/1/2018 5/31/2018

From PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index	Delivery	Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched/Day	Hours Sched/Day
05/31/18	16:00	200	2.3850	\$ -	-	\$ -	102%	\$ -		\$ -					\$ -	1	
05/31/18	17:00	200	2.3850	\$ -	-	\$ -	102%	\$ -		\$ -					\$ -	1	
05/31/18	18:00	200	2.3850	\$ -	-	\$ -	102%	\$ -		\$ -					\$ -	1	
05/31/18	19:00	200	2.3850	\$ -	-	\$ -	102%	\$ -		\$ -					\$ -	1	
05/31/18	20:00	200	2.3850	\$ -	-	\$ -	102%	\$ -		\$ -					\$ -	1	
05/31/18	21:00	200	2.3850	\$ -	-	\$ -	102%	\$ -		\$ -					\$ -	1	
05/31/18	22:00	200	2.3850	\$ -	-	\$ -	102%	\$ -		\$ -					\$ -	1	
05/31/18	23:00	0	2.3850	\$ -	-	\$ -	102%	\$ -	0.00	\$ -					\$ -	-	
05/31/18	24:00	0	2.3850	\$ -	-	\$ -	102%	\$ -	0.00	\$ -					\$ -	-	
										\$ -					\$ -		
										0.00							
										0.0000							

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From PCI

5/1/2018 5/31/2018

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched Day	Hours Sched Day
05/27/18	24:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	1:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	2:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	3:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	4:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	5:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	6:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	7:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	8:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	9:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	10:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	11:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	1	-	-	-	1	-
05/28/18	12:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	13:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	14:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	15:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	16:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	17:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	18:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	19:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	20:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	21:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	22:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	23:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/28/18	24:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	1:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	2:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	3:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	4:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	5:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	6:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	7:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	8:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	9:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	10:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	1	-	-	-	1	-
05/29/18	11:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	12:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	13:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	14:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	15:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	16:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	17:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	18:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-
05/29/18	19:00	0	2.4050	\$ -	\$ -	102%	0.00	\$ -	\$ -	-	-	-	-	-	-

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

SPS 1		esc 1/1/13	esc 1/1/14	esc 1/1/15	esc 1/1/16	esc 1/1/17	esc 1/1/18
VOM	\$	[REDACTED]					
Sched	\$	[REDACTED]					
Fired Hour	\$	[REDACTED]					

SPS 2		esc 1/1/13	esc 1/1/14	est 1/1/15
VOM	\$	[REDACTED]		
Sched	\$	[REDACTED]		
Fired Hour	\$	[REDACTED]		

2

ONETA POWER, LLC

Invoice Number: OEPSPS062018
Production Month: Jun-18
Invoice Date: July 10, 2018
Invoice Due Date: July 20, 2018

FINAL Invoice

Mail To:
Southwestern Public Service Company
Attn: Accounting Department
1699 16th Street, Suite 3000
Denver, CO 80202

1800 Larimer

Wire Funds To:
Bank: MUEG Union Bank, N.A.
ABA Number: [REDACTED]
For Credit to Account Number: [REDACTED]
For Credit to Account Name: [REDACTED]

Billing Inquiries
Accounting Dept. 303-308-2719
Fax Number: 303-308-2852

Internal Billing Inquiries
[REDACTED]

<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crncy</u>
Oneta	CAPACITY	[REDACTED]				USD
	SCHEDFEE	[REDACTED]				USD
	STARTUP - GAS	[REDACTED]				USD
	ENERGY - GAS	[REDACTED]				USD
	ENERGY - VOM	[REDACTED]				USD
	FIRED HOURS	[REDACTED]				USD
TOTAL: <i>AG</i>					\$3,385,204.34	

Southwestern Public Service Company
Oneta Power - Purchase Power Payment Calculation - Contract 1
June 2018

General Information

Contract Capacity				MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$			MWM
Capacity Price (Summer Mths - June thru Sept)	\$			MWM
Variable O&M Charge	\$			MWh
Scheduling Charge	\$			Schedule
	\$			Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

Payment Calculation Oneta's Numbers Variance

Contract Capacity (Non-Summer)			
Contract Capacity (MW)	Price \$/MWM		-

Variable O&M			
Contract Energy (MWh)	Price \$/MWh		0.00

Start-up Gas			
# cold starts			-
# warm starts			-
# hot starts			-

Cost of Gas			
Aggregate of the daily gas costs for month	= \$		-

Scheduling Charge:			
# Schedules	\$/Schedule		-
Fired Hrs > 24	\$/Fired Hr	= \$	0.00

Oneta Adjustment

Total		MWh	\$ 3,385,204.34	\$ 3,385,204.34	(0.00)
System Daily Purchases					-
Additional Purchases					-
Not contract					
Final Total			\$ 3,385,204.34	3,385,204.34	(0.00)

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6/1/2018 6/30/2018

From P&I

CXL

DATE	TIME	MWhs	Gas Daily PEPL-TX-OK	Total Index	Delivery	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched	Hours Sched/Day	Sched/Day	Sched/Day	Sched/Day
06/29/18	20:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/29/18	21:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/29/18	22:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/29/18	23:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/29/18	24:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	1:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	2:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	3:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	4:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	5:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	6:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	7:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	8:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	9:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	10:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	11:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	12:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	13:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	14:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	15:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	16:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	17:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	18:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	19:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	20:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	21:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	22:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	23:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
06/30/18	24:00	0	2,2800	\$ -	-	0.00	\$ -	\$ -	-	-	-	-	-	-	-	-	-
													0.00	0.0000			

B

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

SPS 1		esc 1/1/13	esc 1/1/14	esc 1/1/15	esc 1/1/16	esc 1/1/17	esc 1/1/18
VOM	\$	[REDACTED]					
Sched	\$	[REDACTED]					
Fired Hour	\$	[REDACTED]					

SPS 2		esc 1/1/13	esc 1/1/14	est 1/1/15
VOM	\$	[REDACTED]		
Sched	\$	[REDACTED]		
Fired Hour	\$	[REDACTED]		

E

ONETA POWER, LLC

WP/E-4(CD)
Page 2319 of 8272
Sponsor: Freitas
2019 TX Rate Case

Invoice Number: OELSPS2062018
Production Month: Jun-18
Invoice Date: July 10, 2018
Invoice Due Date: July 20, 2018

FINAL Invoice

Mail To:
Southwestern Public Service Company
Attn: Accounting Department
1099 18th Street, Suite 3000
Denver, CO 80202

Wire Funds To:
Bank: MUFG Union Bank, N.A.
ABA Number: [REDACTED]
For Credit to Account Number: [REDACTED]
For Credit to Account Name: [REDACTED]

Billing Inquiries
Accounting Dept. 303-308-2719
Fax Number: 303-308-2852

Internal Billing Inquiries
[REDACTED]

<u>POWER</u>						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crncy</u>
ONETA	CAPACITY SCHEDFEE STARTUP - GAS ENERGY - GAS ENERGY - VOM				[REDACTED]	USD USD USD USD USD
TOTAL:					<i>AC</i> \$4,467,909.30	

General Information

Contract Capacity					
Capacity Price (Non-Summer Mths - Oct thru May)	\$				/MW-Mth
Capacity Price (Summer Mths - June thru Sept)	\$				/MW-Mth
Variable O&M Charge	\$				/MWh
Scheduling Charge	\$				/Schedule
	\$				/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>	Calpine's Numbers	Variance
----------------------------	----------------------	----------

Contract Capacity			
Contract Capacity (MW)	Price \$/MW-Mo		
			-
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		
			-
Start-up Gas			0.01

Cost of Gas

Aggregate of the daily gas costs for month	=	\$		-
Scheduling Charge:				
# Schedules		\$/Schedule		
				-
Fired Hrs > 24		\$/Fired Hr		
	=	\$	-	0.00

Oneta Adjustment

Total		MWh	\$	<u>4,467,909.31</u>	\$	<u>4,467,909.30</u> (6)	0.01
System Daily Purchases							-
Additional Purchases							-
Not contract							
Final Total			\$	<u>4,467,909.31</u>		<u>4,467,909.30</u>	0.01

A

2018-06 Oneta2 Calcs Final.xlsx - Pricing Calc

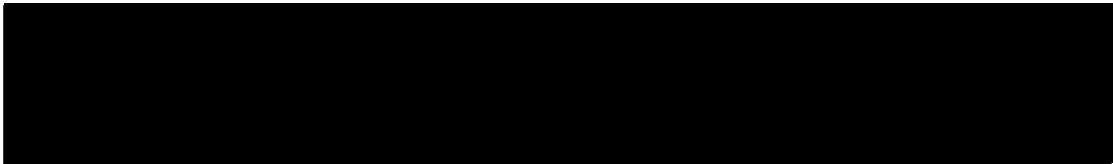
6/30/2018
 From
 6/1/2018

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	Start-up Charges	Hours Scheduled	Hours Sched/Day	Sched/ules
06/29/18	17:00		2.2800	\$ -		102%			\$ -			1	1	-
06/29/18	18:00		2.2800	\$ -		102%			\$ -			1	1	-
06/29/18	19:00		2.2800	\$ -		102%			\$ -			1	1	-
06/29/18	20:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/29/18	21:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/29/18	22:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/29/18	23:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/29/18	24:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	1:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	2:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	3:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	4:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	5:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	6:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	7:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	8:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	9:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	10:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	11:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	12:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	13:00		2.2800	\$ -		102%		0.00	\$ -			1	1	1
06/30/18	14:00		2.2800	\$ -		102%		0.00	\$ -			1	1	-
06/30/18	15:00		2.2800	\$ -		102%		0.00	\$ -			1	1	-
06/30/18	16:00		2.2800	\$ -		102%		0.00	\$ -			1	1	-
06/30/18	17:00		2.2800	\$ -		102%		0.00	\$ -			1	1	-
06/30/18	18:00		2.2800	\$ -		102%		0.00	\$ -			1	1	-
06/30/18	19:00		2.2800	\$ -		102%		0.00	\$ -			1	1	-
06/30/18	20:00		2.2800	\$ -		102%		0.00	\$ -			1	1	-
06/30/18	21:00		2.2800	\$ -		102%		0.00	\$ -			1	1	-
06/30/18	22:00		2.2800	\$ -		102%		0.00	\$ -			1	1	-
06/30/18	23:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
06/30/18	24:00	0	2.2800	\$ -		102%		0.00	\$ -			-	-	-
			0.00	\$ -		102%		0.00	\$ -			-	-	-
			0.0000	\$ -		102%		0.00	\$ -			-	-	-

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

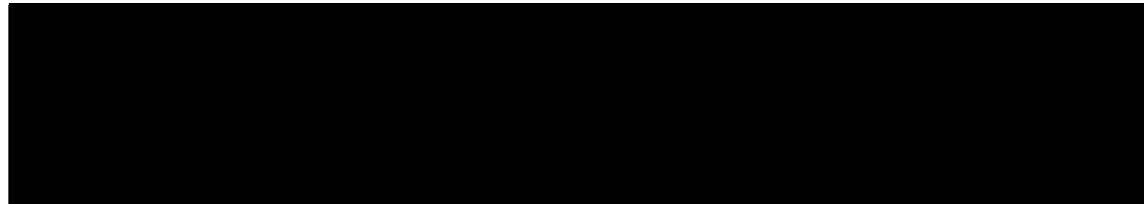
SPS 1		esc 1/1/13	esc 1/1/14	esc 1/1/15	esc 1/1/16	esc 1/1/17	esc 1/1/18
-------	--	------------	------------	------------	------------	------------	------------

VOM	\$						
Sched	\$						
Fired Hour	\$						



SPS 2		esc 1/1/13	esc 1/1/14	esc 1/1/15
-------	--	------------	------------	------------

VOM	\$			
Sched	\$			
Fired Hour	\$			



E

ONETA POWER, LLC

Invoice Number: OEPSPS072018
Production Month: Jul-18
Invoice Date: August 10, 2018
Invoice Due Date: August 20, 2018

FINAL Invoice

Mail To:
 Southwestern Public Service Company
 Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
 Bank: MUFG Union Bank, N.A.
 ABA Number: [REDACTED]
 For Credit to Account Number: [REDACTED]
 For Credit to Account Name: [REDACTED]

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

Internal Billing Inquiries
 [REDACTED]

<u>POWER</u>						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crncy</u>
Oneta						
	CAPACITY					USD
	SCHEDFEE					USD
	STARTUP - GAS					USD
	ENERGY - GAS					USD
	ENERGY - VOM					USD
	FIRED HOURS					USD
TOTAL:					Ag	\$3,705,019.64

General Information

Contract Capacity					
Capacity Price (Non-Summer Mths - Oct thru May)	\$				/MWM
Capacity Price (Summer Mths - June thru Sept)	\$				/MWM
Variable O&M Charge	\$				/MWh
Scheduling Charge	\$				/Schedule
	\$				/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>		Oneta's Numbers	Variance
Contract Capacity (Non-Summer)			
Contract Capacity (MW)	Price \$/MWM		
			-
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		
			0.00
Start-up Gas			
# cold starts			-
# warm starts			-
# hot starts			-
Cost of Gas			
Aggregate of the daily gas costs for month	= \$		(0.00)
Scheduling Charge:			
# Schedules	\$/Schedule		
			-
Fired Hrs > 24	\$/Fired Hr		
	\$	0.00	-
Oneta Adjustment			
Total	MWh	\$ 3,705,019.64	\$ 3,705,019.64 (0.00)
System Daily Purchases			-
Additional Purchases			-
Not contract			
Final Total		\$ 3,705,019.64	3,705,019.64 (0.00)

A

7/1/2018		7/31/2018		From PCI		Gas Daily Total Index		PEPL-TX-		MWhts		OK Delivery		Total Index		Index +0.48		2% City Tax		Revised Total Index		Heat Rate		Total Price		Cost of Gas \$		>48 Cold Start		9-48 Warm Start		<=8 Hot Start		Start-up Charges		Hours Sched		Hours Sched	
DATE	TIME	MMWhts	OK	Delivery	Total Index	Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched	Hours Sched																						
07/31/18	16:00		2.3750	\$ -	\$ -	\$ -	102%	\$ -		\$ -					\$ -	1	1																						
07/31/18	17:00		2.3750	\$ -	\$ -	\$ -	102%	\$ -		\$ -					\$ -	1	1																						
07/31/18	18:00		2.3750	\$ -	\$ -	\$ -	102%	\$ -		\$ -					\$ -	1	1																						
07/31/18	19:00		2.3750	\$ -	\$ -	\$ -	102%	\$ -		\$ -					\$ -	1	1																						
07/31/18	20:00		2.3750	\$ -	\$ -	\$ -	102%	\$ -		\$ -					\$ -	1	1																						
07/31/18	21:00		2.3750	\$ -	\$ -	\$ -	102%	\$ -		\$ -					\$ -	1	1																						
07/31/18	22:00		2.3750	\$ -	\$ -	\$ -	102%	\$ -		\$ -					\$ -	1	1																						
07/31/18	23:00	0	2.3750	\$ -	\$ -	\$ -	102%	\$ -	0.00	\$ -					\$ -	-	-																						
07/31/18	24:00	0	2.3750	\$ -	\$ -	\$ -	102%	\$ -	0.00	\$ -					\$ -	-	-																						
					0.0000																																		

(4)

B

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

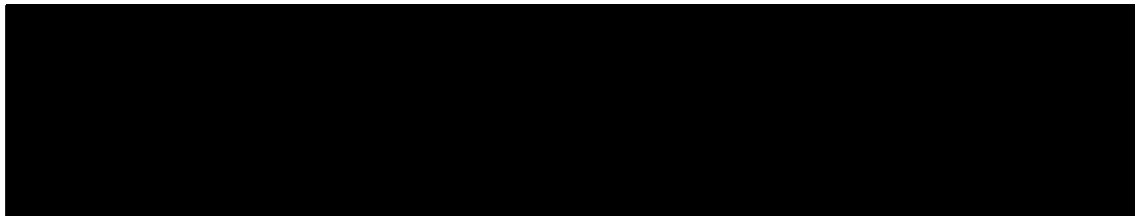
SPS 1		esc 1/1/13	esc 1/1/14	esc 1/1/15	esc 1/1/16	esc 1/1/17	esc 1/1/18
-------	--	------------	------------	------------	------------	------------	------------

VOM	\$
Sched	\$
Fired Hour	\$



SPS 2		esc 1/1/13	esc 1/1/14	est 1/1/15
-------	--	------------	------------	------------

VOM	\$
Sched	\$
Fired Hour	\$



ONETA POWER, LLC

Invoice Number: OELSPS2072018
Production Month: Jul-18
Invoice Date: August 10, 2018
Invoice Due Date: August 20, 2018

FINAL Invoice

Mail To:
 Southwestern Public Service Company
 Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
 Bank: MUFG Union Bank, N.A.
 ABA Number: [REDACTED]
 For Credit to Account Number: [REDACTED]
 For Credit to Account Name: [REDACTED]

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

Internal Billing Inquiries
 [REDACTED]

<u>POWER</u>							
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crcny</u>	
ONETA							
	CAPACITY						USD
	SCHEDFEE						USD
	STARTUP - GAS						USD
	ENERGY - GAS						USD
	ENERGY - VON						USD
TOTAL:						Ag	\$4,657,350.62

General Information

Contract Capacity					MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$				/MW-Mth
Capacity Price (Summer Mths - June thru Sept)	\$				/MW-Mth
Variable O&M Charge	\$				/MWh
Scheduling Charge	\$				/Schedule
	\$				/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>	Calpine's Numbers	Variance
----------------------------	----------------------	----------

Contract Capacity			
Contract Capacity (MW)	Price \$/MW-Mo		
			-

Variable O&M			
Contract Energy (MWh)	Price \$/MWh		
			-
Start-up Gas			
			-

Cost of Gas			
Aggregate of the daily gas costs for month	=	\$	
			-
Scheduling Charge:			
# Schedules	\$/Schedule		
			-
Fired Hrs > 24	\$/Fired Hr	=	\$ 0.00
			-

Oneta Adjustment			
Total		MWh	\$ 4,657,350.62
			\$ 4,657,350.62 (6)
System Daily Purchases			
Additioanal Purchases			
Not contract			
Final Total			\$ 4,657,350.62
			4,657,350.62

A

7/1/2018 7/31/2018 From PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	Start-up Charges	Hours Scheduled	Hours Sched/Day	Sched Rules
07/27/18	24:00	0	2.5000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	1:00	0	2.5000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	2:00	0	2.5000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	3:00	0	2.5000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	4:00	0	2.5000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	5:00	0	2.5000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	6:00	0	2.5000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	7:00	0	2.5000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	8:00	0	2.5000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	9:00	0	2.5000	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	10:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	11:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	12:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	13:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	14:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	15:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	16:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	17:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	18:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	19:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	20:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	21:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	22:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	23:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/28/18	24:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	1:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	2:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	3:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	4:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	5:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	6:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	7:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	8:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	9:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	10:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	11:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	12:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	13:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	14:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	15:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
07/29/18	16:00	0	2.4550	\$ -	\$ -	102%	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

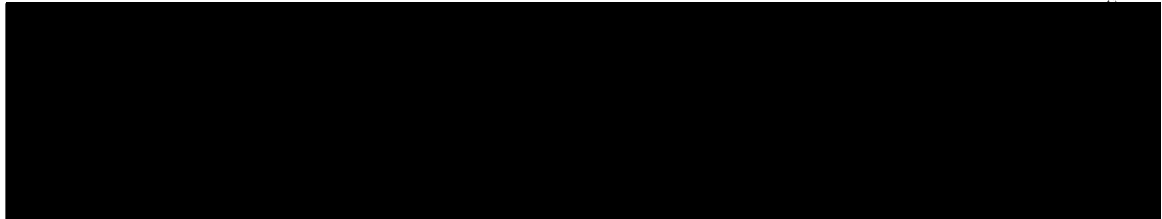
SPS 1 esc 1/1/13 esc 1/1/14 esc 1/1/15 esc 1/1/16 esc 1/1/17 esc 1/1/18

VOM \$
Sched \$
Fired Hour \$



SPS 2 esc 1/1/13 esc 1/1/14 est 1/1/15

VOM \$
Sched \$
Fired Hour \$



E

ONETA POWER, LLC

Invoice Number: OEPSPS082018
Production Month: Aug-18
Invoice Date: September 10, 2018
Invoice Due Date: September 20, 2018

FINAL Invoice

Mail To:
 Southwestern Public Service Company
 Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
 Bank: MUFG Union Bank, N.A.
 ABA Number: [REDACTED]
 For Credit to Account Number: [REDACTED]
 For Credit to Account Name: [REDACTED]

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

Internal Billing Inquiries
 [REDACTED]

<u>POWER</u>						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crcy</u>
Oneta						
	CAPACITY	[REDACTED]				USD
	SCHEDFEE	[REDACTED]				USD
	STARTUP - GAS	[REDACTED]				USD
	ENERGY - GAS	[REDACTED]				USD
	ENERGY - VOM	[REDACTED]				USD
	FIRED HOURS	[REDACTED]				USD
TOTAL:					At	\$2,990,879.93

General Information

Contract Capacity			/MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MWM
Capacity Price (Summer Mths - June thru Sept)	\$		/MWM
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>		Oneta's Numbers	Variance
Contract Capacity (Non-Summer)			
Contract Capacity (MW)	Price \$/MWM		-
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		(0.00)
Start-up Gas			-
# cold starts			
# warm starts			
# hot starts			
Cost of Gas			
Aggregate of the daily gas costs for month	= \$		0.00
Scheduling Charge:			
# Schedules	\$/Schedule		-
Fired Hrs > 24	\$/Fired Hr	0.00	-
Oneta Adjustment			
Total	MWh	\$ 2,990,879.93	\$ 2,990,879.93 0.00
System Daily Purchases			-
Additional Purchases			-
Not contract			
Final Total		\$ 2,990,879.93	2,990,879.93 0.00

A

8/1/2018 8/31/2018

From POC

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery
08/31/18	16:00	0	2.2700	\$ -
08/31/18	17:00	0	2.2700	\$ -
08/31/18	18:00	0	2.2700	\$ -
08/31/18	19:00	0	2.2700	\$ -
08/31/18	20:00	0	2.2700	\$ -
08/31/18	21:00	0	2.2700	\$ -
08/31/18	22:00	0	2.2700	\$ -
08/31/18	23:00	0	2.2700	\$ -
08/31/18	24:00	0	2.2700	\$ -

0.00 0.0000

Index +0.48	2% City Tax	Revised Total Index
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$

Heat Rate
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00

Total Price
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -

Cost of Gas \$
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -

>48 Cold Start	9-48 Warm Start	<=8 Hot Start
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Start-up Charges
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -
\$ -

Hours Sched/Day	Hours Sched/Day
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-

4

B

8/1/2018 8/31/2018

From PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched Day	Hours Sched Day	Sched ules
08/29/18	20:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/29/18	21:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/29/18	22:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/29/18	23:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/29/18	24:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	1:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	2:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	3:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	4:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	5:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	6:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	7:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	8:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	9:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	10:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	11:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	12:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	13:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	14:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	15:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	16:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	17:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	18:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	19:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	20:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	21:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	22:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	23:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/30/18	24:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	1:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	2:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	3:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	4:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	5:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	6:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	7:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	8:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	9:00	0	2,3450	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	10:00	0	2,2700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	11:00	0	2,2700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	12:00	0	2,2700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	13:00	0	2,2700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	14:00	0	2,2700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-
08/31/18	15:00	0	2,2700	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-

Historical Quotes		08/2019																														
Apply	X	08/01	08/02	08/03	08/04	08/05	08/06	08/07	08/08	08/09	08/10	08/11	08/12	08/13	08/14	08/15	08/16	08/17	08/18	08/19	08/20	08/21	08/22	08/23	08/24	08/25	08/26	08/27	08/28	08/29	08/30	08/31
Quote Definition	Time P...	Val	Value	Final	Value	Final	Value	Final	Value	Final	Value	Final	Value	Final	Value	Final	Value	Final	Value	Final	Value	Final	Value	Final	Value	Final	Value	Final	Value	Final	Value	Final
PANHANDLE...																																
Quote Definition																																
Source																																
Location																																
Commodity																																
Exchange																																
Delivery Schedule																																
Service Level																																
Quote Date		9/7/2019 - 8...																														

TI Source: CXL

ONETA POWER, LLC

Invoice Number: OELSPS2082018
Production Month: Aug-18
Invoice Date: September 10, 2018
Invoice Due Date: September 20, 2018

FINAL Invoice

Mail To:
Southwestern Public Service Company
Attn: Accounting Department
1099 18th Street, Suite 3000
Denver, CO 80202

Wire Funds To:
Bank: MUFG Union Bank, N.A.
ABA Number: [REDACTED]
For Credit to Account Number: [REDACTED]
For Credit to Account Name: [REDACTED]

Billing Inquiries
Accounting Dept. 303-308-2719
Fax Number: 303-308-2852

Internal Billing Inquiries
[REDACTED]

<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crncy</u>
ONETA						
	CAPACITY	[REDACTED]				USD
	SCHEDFEE	[REDACTED]				USD
	STARTUP - GAS	[REDACTED]				USD
	ENERGY - GAS	[REDACTED]				USD
	ENERGY - VOM	[REDACTED]				USD
TOTAL:						AV \$3,859,849.59

General Information

Contract Capacity			MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MW-Mth
Capacity Price (Summer Mths - June thru Sept)	\$		/MW-Mth
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>		Calpine's Numbers	Variance
Contract Capacity			
Contract Capacity (MW)	Price \$/MW-Mo		-
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		-
Start-up Gas			(0.01)
Cost of Gas			
Aggregate of the daily gas costs for month	= \$		-
Scheduling Charge:			
# Schedules	\$/Schedule		-
Fired Hrs > 24	\$/Fired Hr		-
	= \$	0.00	-
Oneta Adjustment			
Total	MWh	\$ 3,859,849.58	\$ 3,859,849.59 (0.01)
System Daily Purchases			-
Additional Purchases			-
Not contract			-
Final Total		\$ 3,859,849.58	3,859,849.59 (0.01)

OK

8/1/2018 8/31/2018 From PSR

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Heat Rate	Total Price	Cost of Gas \$	Start	Start-up Charges	Hours Scheduled	Hours Sched/Day	Sched/Day
08/31/18	10:00	0	2.2700	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
08/31/18	11:00	0	2.2700	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
08/31/18	12:00	0	2.2700	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
08/31/18	13:00		2.2700	\$ -		\$ -				1	1	
08/31/18	14:00		2.2700	\$ -		\$ -				1	1	
08/31/18	15:00		2.2700	\$ -		\$ -				1	1	
08/31/18	16:00		2.2700	\$ -		\$ -				1	1	
08/31/18	17:00		2.2700	\$ -		\$ -				1	1	
08/31/18	18:00		2.2700	\$ -		\$ -				1	1	
08/31/18	19:00		2.2700	\$ -		\$ -				1	1	
08/31/18	20:00	0	2.2700	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
08/31/18	21:00	0	2.2700	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
08/31/18	22:00	0	2.2700	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
08/31/18	23:00	0	2.2700	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
08/31/18	24:00	0	2.2700	\$ -	0.00	\$ -	\$ -	\$ -	\$ -	-	-	-
			0.00	\$ 0.0000		\$ -						

9

B

8/1/2018 8/31/2018 From PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index Delivery	Heat Rate	Total Price	Cost of Gas \$	Start-up Charges	Hours Scheduled	Hours Sched/Day	Sched/ules
08/27/18	24:00	0	2.2900	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	1:00	0	2.2900	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	2:00	0	2.2900	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	3:00	0	2.2900	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	4:00	0	2.2900	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	5:00	0	2.2900	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	6:00	0	2.2900	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	7:00	0	2.2900	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	8:00	0	2.2900	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	9:00	0	2.2900	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	10:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	11:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	12:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	13:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
08/28/18	14:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
08/28/18	15:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
08/28/18	16:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
08/28/18	17:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
08/28/18	18:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
08/28/18	19:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
08/28/18	20:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	21:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	22:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	23:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/28/18	24:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/29/18	1:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/29/18	2:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/29/18	3:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/29/18	4:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/29/18	5:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/29/18	6:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/29/18	7:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/29/18	8:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/29/18	9:00	0	2.3300	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/29/18	10:00	0	2.3450	\$ -	0.00	\$ -	\$ -	\$ -	-	-	-
08/29/18	11:00	0	2.3450	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
08/29/18	12:00	0	2.3450	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
08/29/18	13:00	0	2.3450	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
08/29/18	14:00	0	2.3450	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
08/29/18	15:00	0	2.3450	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1
08/29/18	16:00	0	2.3450	\$ -	0.00	\$ -	\$ -	\$ -	1	1	1

General Information

Contract Capacity			MW ✓
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MW-Mth
Capacity Price (Summer Mths - June thru Sept)	\$		/MW-Mth ✓
Variable O&M Charge	\$		/MWh ✓
Scheduling Charge	\$		/Schedule ✓
	\$		/Fired Hour ✓

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>	Calpine's	
	Numbers	Variance

Contract Capacity			
Contract Capacity (MW)	Price \$/MW-Mo		-
[REDACTED]			
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		-
[REDACTED]			
Start-up Gas			-

Cost of Gas

Aggregate of the daily gas costs for month	=	\$	[REDACTED]	-
Scheduling Charge:				
# Schedules	\$/Schedule			-
[REDACTED]				
Fired Hrs > 24	\$/Fired Hr			-
[REDACTED]	=	\$	0.00	-

Oneta Adjustment

Total	[REDACTED] MWh	\$	<u>3,306,744.61</u>	\$	<u>3,306,744.61</u> (L)	-
System Daily Purchases						-
Additional Purchases						-
Not contract						-
Final Total	[REDACTED]	\$	<u>3,306,744.61</u>		<u>3,306,744.61</u>	-

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ONETA POWER, LLC

Invoice Number: OEPSPS092018 ✓
Production Month: Sep-18 ✓
Invoice Date: October 10, 2018 ✓
Invoice Due Date: October 20, 2018 ✓

FINAL Invoice

Mail To:
Southwestern Public Service Company
Attn: Accounting Department
1099 18th Street, Suite 3000
Denver, CO 80202

Wire Funds To:
Bank: MUFG Union Bank, N.A.
ABA Number: [REDACTED]
For Credit to Account Number: [REDACTED]
For Credit to Account Name: [REDACTED]

Billing Inquiries
Accounting Dept. 303-308-2719
Fax Number: 303-308-2852

Internal Billing Inquiries
[REDACTED]

<u>POWER</u>						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crcny</u>
Oneta						
	CAPACITY	[REDACTED]				USD
	SCHEDFEE	[REDACTED]				USD
	STARTUP - GAS	[REDACTED]				USD
	ENERGY - GAS	[REDACTED]				USD
	ENERGY - VOM	[REDACTED]				USD
	FIRED HOURS	[REDACTED]				USD
TOTAL:					AC	\$2,426,619.69

General Information

Contract Capacity			MW ✓
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MWM ✓
Capacity Price (Summer Mths - June thru Sept)	\$		/MWM ✓
Variable O&M Charge	\$		/MWh ✓
Scheduling Charge	\$		/Schedule ✓
	\$		/Fired Hour ✓

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>		Oneta's Numbers	Variance
Contract Capacity (Non-Summer)			
Contract Capacity (MW)	Price \$/MWM		
			-
Variable O&M			
Contract Energy (MWh)	Price \$/MWh		
			(0.00)
Start-up Gas			
# cold starts			
# warm starts			
# hot starts			
Cost of Gas			
Aggregate of the daily gas costs for month	= \$		-
Scheduling Charge:			
# Schedules	\$/Schedule		
			-
Fired Hrs > 24	\$/Fired Hr		
	= \$	0.00	-
Oneta Adjustment			
Total	MWh	\$ 2,426,619.69	\$ 2,426,619.69 0.00
System Daily Purchases			-
Additional Purchases			-
Not contract			
Final Total		\$ 2,426,619.69	2,426,619.69 0.00

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9/1/2018 9/30/2018

From PG1

DATE	TIME	MWhs	Gas Daily PEPL-TX-OK	Total Index Delivery	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched Day	Hours Sched	Sched ules	
															Index +0.48	2% City Tax	Revised Total Index
09/29/18	20:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/29/18	21:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/29/18	22:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/29/18	23:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/29/18	24:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	1:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	2:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	3:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	4:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	5:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	6:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	7:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	8:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	9:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	10:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	11:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	12:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	13:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	14:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	15:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	16:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	17:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	18:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	19:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	20:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	21:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	22:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	23:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
09/30/18	24:00	0	2.0600	\$ -	0.00	\$ -	\$ -	-	-	-	\$ -	-	-	-	
														0.00	0.0000

ONETA POWER, LLC

Invoice Number: OELSPS2102018
Production Month: Oct-18
Invoice Date: November 9, 2018
Invoice Due Date: November 20, 2018

FINAL Invoice

Mail To:
 Southwestern Public Service Company
 Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
 Bank: MUFG Union Bank, N.A.
 ABA Number: [REDACTED]
 For Credit to Account Number: [REDACTED]
 For Credit to Account Name: [REDACTED]

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

Internal Billing Inquiries
 [REDACTED]

<u>POWER</u>						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crncy</u>
ONETA						
	CAPACITY	[REDACTED]				USD
	SCHEDFEE	[REDACTED]				USD
	STARTUP - GAS	[REDACTED]				USD
	ENERGY - GAS	[REDACTED]				USD
	ENERGY - VON	[REDACTED]				USD
TOTAL:					\$600,000.00	

General Information

Contract Capacity			MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MW-Mth
Capacity Price (Summer Mths - June thru Sept)	\$		/MW-Mth
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>	Calpine's	Variance
	Numbers	

Contract Capacity				
Contract Capacity (MW)	Price			
	\$/MW-Mo			
				-

Variable O&M				
Contract Energy (MWh)	Price			
	\$/MWh			
		= \$	0.00	-

Start-up Gas		= \$	0.00	-
---------------------	--	------	------	---

Cost of Gas				
Aggregate of the daily gas costs for month		= \$	0.00	-

Scheduling Charge:				
# Schedules	\$/Schedule			
		= \$	0.00	-

Fired Hrs > 24	\$/Fired Hr			
		= \$	0.00	-

Oneta Adjustment

Total	MWh	\$	<u>600,000.00</u>	\$	<u>600,000.00</u>	-
System Daily Purchases						-
Additional Purchases						-
Not contract						-
Final Total		\$	<u>600,000.00</u>	600,000.00	(3)	-

A

10/1/2018 10/31/2018 From PCI

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index	Delivery	Heat Rate	Total Price	Cost of Gas \$	Start-up Charges	Hours Scheduled	Hours Sched/Day	Sched/Day	Sched/Day
10/31/18	10:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	11:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	12:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	13:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	14:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	15:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	16:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	17:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	18:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	19:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	20:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	21:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	22:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	23:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
10/31/18	24:00	0	2.6200	\$	-	0.00	\$	-	\$	-	-	-	0
												0.0000	0.0000

Index +0.48	2% City Tax	Revised Total Index
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$



10/1/2018 10/31/2018 From PCI

DATE	TIME	MWhrs	Gas Daily PEPL-TX		Total Index	Delivery	Heat Rate	Total Price	Cost of Gas \$	Start	Start-up Charges	Hours Scheduled	Hours Sched/Day	Sched/Day	ules
			OK	PCI											
10/27/18	24:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	1:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	2:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	3:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	4:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	5:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	6:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	7:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	8:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	9:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	10:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	11:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	12:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	13:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	14:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	15:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	16:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	17:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	18:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	19:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	20:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	21:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	22:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	23:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/28/18	24:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	1:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	2:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	3:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	4:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	5:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	6:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	7:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	8:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	9:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	10:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	11:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	12:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	13:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	14:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	15:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-
10/29/18	16:00	0	2.6550	\$	-	-	0.00	\$	-	\$	-	-	-	-	-

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

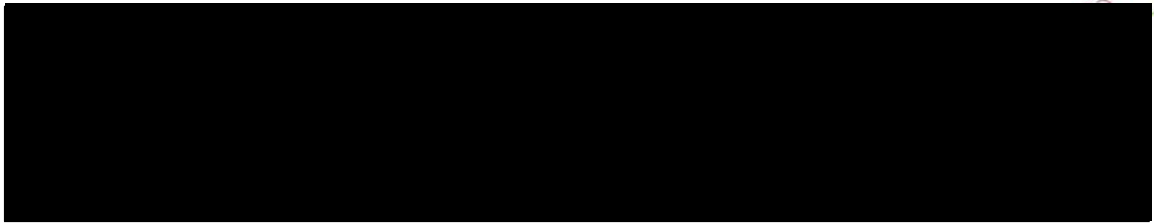
SPS 1 esc 1/1/13 esc 1/1/14 esc 1/1/15 esc 1/1/16 esc 1/1/17 esc 1/1/18

VOM \$
Sched \$
Fired Hour \$



SPS 2 esc 1/1/13 esc 1/1/14 est 1/1/15

VOM \$
Sched \$
Fired Hour \$



General Information

Contract Capacity			MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MWM
Capacity Price (Summer Mths - June thru Sept)	\$		/MWM
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

<u>Payment Calculation</u>	Oneta's Numbers	Variance
----------------------------	--------------------	----------

Contract Capacity (Non-Summer)

Contract Capacity (MW)	Price \$/MWM		-
------------------------	-----------------	--	---

Variable O&M

Contract Energy (MWh)	Price \$/MWh		(0.00)
-----------------------	-----------------	--	--------

Start-up Gas

- # cold starts
- # warm starts
- # hot starts

Cost of Gas

Aggregate of the daily gas costs for month = \$

Scheduling Charge:

# Schedules	\$/Schedule		
Fired Hrs > 24	\$/Fired Hr		0.00

Oneta Adjustment

Total		MWh	\$ 2,669,220.56	\$ 2,669,220.56	0.00
-------	--	-----	-----------------	-----------------	------

System Daily Purchases

Additional Purchases

Not contract

Final Total			\$ 2,669,220.56	2,669,220.56	0.00
-------------	--	--	-----------------	--------------	------

From PCI

10/1/2018 10/31/2018

DATE	TIME	MWths	Gas Daily PEPL-TX-OK	Total Index	Delivery
10/31/18	16:00		2.6200	\$ -	
10/31/18	17:00		2.6200	\$ -	
10/31/18	18:00		2.6200	\$ -	
10/31/18	19:00		2.6200	\$ -	
10/31/18	20:00		2.6200	\$ -	
10/31/18	21:00		2.6200	\$ -	
10/31/18	22:00		2.6200	\$ -	
10/31/18	23:00	0	2.6200	\$ -	
10/31/18	24:00	0	2.6200	\$ -	

0.00 0.0000

Index +0.48	2% City Tax	Revised Total Index
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$
\$	102%	\$

Heat Rate
0.00
0.00

Total Price
\$
\$
\$
\$
\$
\$
\$
\$
\$
\$

Cost of Gas \$
\$
\$
\$
\$
\$
\$
\$
\$
\$
\$

>48 Cold Start	9-48 Warm Start	<=8 Hot Start	Start-up Charges	Hours Sched	Hours Sched/Day	Sched ules
-	-	-	-	1	1	-
-	-	-	-	1	1	-
-	-	-	-	1	1	-
-	-	-	-	1	1	-
-	-	-	-	1	1	-
-	-	-	-	1	1	-
-	-	-	-	1	1	-
-	-	-	-	1	1	-
-	-	-	-	1	1	-
-	-	-	-	1	1	-

B

Southwestern Public Service Company
Oneta Power - Purchase Power Payment Calculation - Contract 2
November 2018

General Information

Contract Capacity					
Capacity Price (Non-Summer Mths - Oct thru May)	\$				/MW-Mth
Capacity Price (Summer Mths - June thru Sept)	\$				/MW-Mth
Variable O&M Charge	\$				/MWh
Scheduling Charge	\$				/Schedule
	\$				/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

Payment Calculation

Calpine's Numbers Variance

Contract Capacity					
Contract Capacity (MW)	Price \$/MW-Mo				

Variable O&M					
Contract Energy (MWh)	Price \$/MWh	=	\$	-	0.00
Start-up Gas		=	\$	-	0.00

Cost of Gas					
Aggregate of the daily gas costs for month		=	\$	-	0.00

Scheduling Charge:					
# Schedules	\$/Schedule	=	\$	-	0.00
Fired Hrs > 24	\$/Fired Hr	=	\$	-	0.00

Oneta Adjustment					
Total		MWh	\$	<u>600,000.00</u>	\$ <u>595,410.00</u>

System Daily Purchases					
Additional Purchases					
Not contract					
Final Total			\$	600,000.00	595,410.00

A

11/1/2018 - 11/30/2018		From PCI		Gas Daily PEPL-TX		Total Index	2% City Tax		Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	Start	Charges	Scheduled	Hours Sched/Day	Sched ules
DATE	TIME	MWths	OK	Delivery	Index +0.48												
11/27/18	24:00	0	4.2050	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	1:00	0	4.2050	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	2:00	0	4.2050	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	3:00	0	4.2050	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	4:00	0	4.2050	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	5:00	0	4.2050	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	6:00	0	4.2050	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	7:00	0	4.2050	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	8:00	0	4.2050	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	9:00	0	4.2050	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	10:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	11:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	12:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	13:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	14:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	15:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	16:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	17:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	18:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	19:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	20:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	21:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	22:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	23:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/28/18	24:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	1:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	2:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	3:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	4:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	5:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	6:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	7:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	8:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	9:00	0	3.9550	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	10:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	11:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	12:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	13:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	14:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	15:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	16:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	17:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	18:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	19:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	20:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	21:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	22:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	23:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/29/18	24:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	1:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	2:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	3:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	4:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	5:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	6:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	7:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	8:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	9:00	0	3.9850	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	10:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	11:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	12:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	13:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	14:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	15:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	16:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	17:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	18:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	19:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	20:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	21:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	22:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	23:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
11/30/18	24:00	0	4.0150	\$ -	\$		102%	\$	0.00	\$ -	\$ -		\$ -				
		0	0.00	0.0000						\$		0	\$				0

B

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

SPS 1		esc 1/1/13	esc 1/1/14	esc 1/1/15	esc 1/1/16	esc 1/1/17	esc 1/1/18
VOM	\$	[REDACTED]					
Sched	\$	[REDACTED]					
Fired Hour	\$	[REDACTED]					

SPS 2		esc 1/1/13	esc 1/1/14	est 1/1/15
VOM	\$	[REDACTED]		
Sched	\$	[REDACTED]		
Fired Hour	\$	[REDACTED]		

CAA

CP



11/30/2018 9:00	100.00%
11/30/2018 10:00	100.00%
11/30/2018 11:00	100.00%
11/30/2018 12:00	100.00%
11/30/2018 13:00	100.00%
11/30/2018 14:00	100.00%
11/30/2018 15:00	100.00%
11/30/2018 16:00	100.00%
11/30/2018 17:00	100.00%
11/30/2018 18:00	100.00%
11/30/2018 19:00	100.00%
11/30/2018 20:00	100.00%
11/30/2018 21:00	100.00%
11/30/2018 22:00	100.00%
11/30/2018 23:00	100.00%
12/1/2018 0:00	100.00%




Young, Ciara R

From: Schuck, Jeanette R
Sent: Wednesday, December 12, 2018 10:18 AM
To: Young, Ciara R
Subject: RE: 2018-11 Oneta 2 Variance

Yes, accept the revision. Thank you.

From: Young, Ciara R
Sent: Tuesday, December 11, 2018 4:27 PM
To: Schuck, Jeanette R
Cc: Watson, Bill A
Subject: 2018-11 Oneta 2 Variance

Hi Jeanette!



Thanks!

Ciara Young
Xcel Energy | Responsible By Nature
Accounting Analyst II – SPS Utility Accounting
1800 Larimer Street, 12th Floor Denver, CO 80202
P: 303.294.2094
E: Ciara.R.Young@xcelenergy.com

XCELENERGY.COM

Please consider the environment before printing this email

ONETA POWER, LLC

Invoice Number: OEPSPS112018 ✓
Production Month: Nov-18 ✓
Invoice Date: December 10, 2018 ✓
Invoice Due Date: December 20, 2018 ✓

FINAL Invoice

Mail To:
 Southwestern Public Service Company
 Attn: Accounting Department
 1099 18th Street, Suite 3000
 Denver, CO 80202

Wire Funds To:
 Bank: MUFG Union Bank, N.A. ✓
 ABA Number: [REDACTED]
 For Credit to Account Number: [REDACTED]
 For Credit to Account Name: [REDACTED]

Billing Inquiries
 Accounting Dept. 303-308-2719
 Fax Number: 303-308-2852

Internal Billing Inquiries
 [REDACTED]

<u>POWER</u>						
<u>Plant</u>	<u>Product</u>	<u>Volume</u>	<u>UOM</u>	<u>Price</u>	<u>Amount</u>	<u>Crncy</u>
Oneta						
	CAPACITY	[REDACTED]				USD
	SCHEDFEE	[REDACTED]				USD
	STARTUP - GAS	[REDACTED]				USD
	ENERGY - GAS	[REDACTED]				USD
	ENERGY - VOM	[REDACTED]				USD
	FIRED HOURS	[REDACTED]				USD
TOTAL:					\$2,985,308.22	AA ✓

Southwestern Public Service Company
Oneta Power - Purchase Power Payment Calculation - Contract 1
November 2018

General Information

Contract Capacity			/MW
Capacity Price (Non-Summer Mths - Oct thru May)	\$		/MWM
Capacity Price (Summer Mths - June thru Sept)	\$		/MWM
Variable O&M Charge	\$		/MWh
Scheduling Charge	\$		/Schedule
	\$		/Fired Hour

Start-up Gas (Hrs between schedules):
 (Hot Start = 8 or less, Warm Start = 9-48, Cold Start = 49+)

Payment Calculation

			Oneta's Numbers	Variance
Contract Capacity (Non-Summer)				
Contract Capacity (MW)	Price \$/MWM			-
Variable O&M				
Contract Energy (MWh)	Price \$/MWh			0.00
Start-up Gas				
# cold starts				-
# warm starts				-
# hot starts				-
Cost of Gas				
Aggregate of the daily gas costs for month	= \$			-
Scheduling Charge:				
# Schedules	\$/Schedule			
Fired Hrs > 24	\$/Fired Hr			
Oneta Ac				
Total		MWh	\$ 2,985,308.22	\$ 2,985,308.22 (0.00)
System Daily Purchases				-
Additional Purchases				-
Not contract				
Final Total			\$ 2,985,308.22	2,985,308.22 (0.00)

A

Sponsor: Freitas

2019 TX Rate Case

11/1/2018 11/30/2018

From PCI

DATE	TIME	MWhs	Gas Daily		Total Index	Index +0.48	2% City Tax	Revised Total Index	Heat Rate	Total Price	Cost of Gas \$	>48 Cold Start	9-48 Warm Start	578 Hot Start	Start-up Charges	Hours Sched	Hours Sched/Day	Sched	ules
			PEPL-TX-OK	Delivery															
11/27/18	24:00	0	4.2050	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	1:00	0	4.2050	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	2:00	0	4.2050	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	3:00	0	4.2050	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	4:00	0	4.2050	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	5:00	0	4.2050	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	6:00	0	4.2050	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	7:00	0	4.2050	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	8:00	0	4.2050	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	9:00	0	4.2050	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	10:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	11:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	12:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	13:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	14:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	15:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	16:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	17:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	18:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	19:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	20:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	21:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	22:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	23:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/28/18	24:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	1:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	2:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
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11/29/18	4:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	5:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	6:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	7:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	8:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	9:00	0	3.9550	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	10:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	11:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	12:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	13:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	14:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	15:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	16:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	17:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	18:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	19:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	20:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	21:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	22:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	23:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/29/18	24:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	1:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	2:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	3:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	4:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	5:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	6:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	7:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	8:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	9:00	0	3.9850	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	10:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	11:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	12:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	13:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	14:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	15:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	16:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	17:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	18:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	19:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	20:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	21:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	22:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	23:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
11/30/18	24:00	0	4.0150	\$ -	\$ -		102%	\$ -	0.00	\$ -	\$ -				\$ -				
			0.00		0.0000														

B

Southwestern Public Service Company
Oneta Purchase Power Rates
Source: Jeanette Schuck

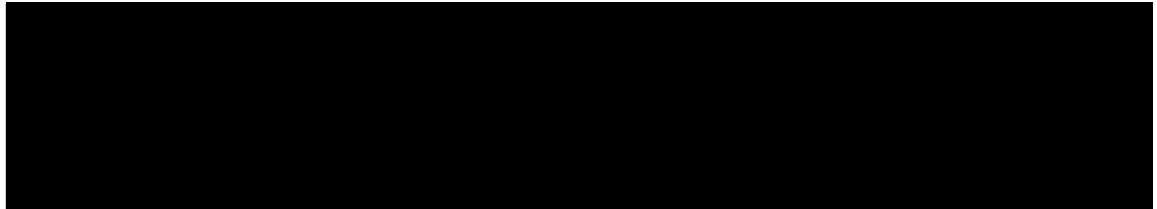
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VOM	\$						
Sched	\$						
Fired Hour	\$						



SPS 2		esc 1/1/13	esc 1/1/14	est 1/1/15
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VOM	\$			
Sched	\$			
Fired Hour	\$			

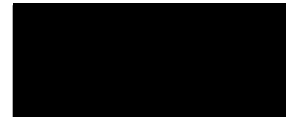




ORION ENGINEERED CARBONS, LLC

TO: Southwestern Public Serv. Co.
 Attn: Mark Baylor/Whitney Peterson
 Energy Markets
 550 15th Street, Suite 600
 Denver, CO 80202

INVOICE 15623
 Vendor 105226
 DATE 02/05/18
 Doc # 1800000140
 TERMS: upon receipt



Description	Amount
Orion-Borger Cogen Revenue Invoicing correction	80,718.52
Supplemental Electricity Charge	-
Supplemental gas firing - mmbtu @ -	-
Amount Due	\$ 80,718.52
For questions regarding this invoice, contact: Basheer Siddique basheer.siddique@orioncarbons.com ph 281-318-4217	21021 RB - 66% \$53,274.23 21022 PB - 34% \$27,444.30 \$80,718.52

CC Bill.A.Watson@xcelenergy.com
jeanette.r.schuck@xcelenergy.com
joann.u.schmidt@xcelenergy.com
Kaitlin.Dennehy@xcelenergy.com

L month	Prod Mo	KWh Used	KWh Gen	Excess	Rate used	Rate excess	Billed	Orion's recalced bill	Add'l Amt Due
2016-10	2016-09	3,902,989	5,590,376	1,687,387	0.015491	0.024683	\$ 102,110.98	FALSE	
2016-11	2016-10	4,501,048	1,840,765 ✓	(2,660,283)	0.018064	0.027737	\$ 7,518.66	\$ 33,251.58	\$ 25,732.92
2016-12	2016-11	2,977,433	5,173,853	2,196,420	0.018064	0.027783	\$ 114,807.49	FALSE	
2017-01	2016-12	2,714,916	7,052,711	4,337,795	0.018064	0.025155	\$ 158,159.48	FALSE	
2017-02	2017-01	4,588,262	1,433,278 ✓	(3,154,984)	0.018064	0.028681	\$ (7,605.73)	\$ 25,890.73	\$ 33,496.46
2017-03	2017-02	3,841,648	2,936,671 ✓	(904,977)	0.019677	0.029754	\$ 48,665.42	\$ 57,784.88	\$ 9,119.45
2017-04	2017-03	4,023,161	5,103,778	1,080,617	0.019677	0.030230	\$ 111,830.79	FALSE	
2017-05	2017-04	3,385,933	5,226,059	1,840,126	0.019677	0.033439	\$ 128,156.98	FALSE	
2017-06	2017-05	3,972,979	2,966,834 ✓	(1,006,145)	0.019677	0.028114	\$ 49,889.55	\$ 58,378.39	\$ 8,488.85
2017-07	2017-06	3,625,092	5,429,723	1,804,631	0.019974	0.030938	\$ 128,239.26	FALSE	
2017-08	2017-07	3,527,403	4,831,146	1,303,743	0.019974	0.026353	\$ 104,813.89	FALSE	
2017-09	2017-08	3,823,557	6,748,161	2,924,604	0.019974	0.031058	\$ 167,204.08	FALSE	
2017-10	2017-09	3,677,986	6,108,683	2,430,697	0.019974	0.025963	\$ 136,572.28	FALSE	
2017-11	2017-10	3,865,682	2,986,877 ✓	(878,805)	0.019677	0.024093	\$ 54,891.98	\$ 58,772.78	\$ 3,880.80
2017-12	2017-11	3,311,405	6,514,528	3,203,123	0.019677	0.027172	\$ 152,193.77	FALSE	
									<u>\$ 80,718.48</u>

**SOUTHWESTERN PUBLIC SERVICE COMPANY
FUEL COST ADJUSTMENT COMPUTATIONS**

FUEL FACT NAME FCA FOR
Oct-16

1						
2						
3	TEXAS RETAIL SECONDARY	0.025673				
4						
5	TEXAS RETAIL PRIMARY	0.025193				
6						
7	TEXAS RETAIL SUB - TRANSMISSION	0.023672				
8						
9	TEXAS RETAIL BACKBONE TRANSMISSION	0.023494				
10						
11	WTMPA, NM COOP'S	*				
12	TRI COUNTY	*				
13						
14	GOLDEN SPREAD	*				
15						

These Change for June - Sept - Summer
These Change for Oct - May - Winter

**Orion
Carbons
Black
Contract**

	Rate	KWH	Amount
		2016-10	
16	0.017476	1,840,765	33,251.60
17	0.024663	-	0.00
		1,840,765	\$33,251.59

Restated

Less: Payment already processed

7,518.66
25,732.93

Add'l Amount Due

**SOUTHWESTERN PUBLIC SERVICE COMPANY
FUEL COST ADJUSTMENT COMPUTATIONS**

FCA FOR
JANUARY 2017

FUEL FACT NAME

1					
2					
3	TEXAS RETAIL SECONDARY	0.025673	Winter Rate		
4					
5	TEXAS RETAIL PRIMARY	0.025193	Winter Rate		
6					
7	TEXAS RETAIL SUB - TRANSMISSION	0.023672	Winter Rate		
8					
9	TEXAS RETAIL BACKBONE TRANSMISSION	0.023494	Winter Rate		
10					
11	WTMPA, NM COOP'S	*			
12	TRI COUNTY	*			
13					
14	GOLDEN SPREAD	*			
15					
16					
17					
18	J M HUBER (ENGINEERED CARBONS) FUEL FACTOR - RATE 733	0.025193			
19	J M HUBER (ENGINEERED CARBONS) CREDIT FACTOR	0.000588			
20	J M HUBER (ENGINEERED CARBONS) EXCESS POWER CREDIT FACTOR	0.004018			

These Change for June - Sept - Summer
These Change for Oct - May - Winter

Restated

Orion Carbons Black Contract	Rate	KWH 2017-01	Amount
	0.017476	1,433,278	25,890.75
	0.024663	-	0.00
		<u>1,433,278</u>	<u>\$25,890.74</u>

Less: Payment already processed

(7,605.73)

Add'l Amount Due

33,496.47

WP/E-4(CD)
Page 2376 of 8272
Sponsor: Freitas
TX Rate Case

**SOUTHWESTERN PUBLIC SERVICE COMPANY
FUEL COST ADJUSTMENT COMPUTATIONS**

FCA FOR
FEBRUARY 2017

FUEL FACT NAME

Line	Fuel Factor Name	Rate	KWH	Amount
1	TEXAS RETAIL SECONDARY	0.027317	2,936,671	57,784.90
2	TEXAS RETAIL PRIMARY	0.026806	-	0.00
3	TEXAS RETAIL SUB - TRANSMISSION	0.026138	-	0.00
4	TEXAS RETAIL BACKBONE TRANSMISSION	0.024999	-	0.00
5	WTMPA, NM COOP'S	*	-	0.00
6	TRI COUNTY	*	-	0.00
7	GOLDEN SPREAD	*	-	0.00
8				
9				
10				
11				
12				
13				
14				
15				

Waiting for PUCT Approval
0.027317 Winter Rate
0.026806 Winter Rate
0.026138 Winter Rate
0.024999 Winter Rate

These Change for June - Sept - Summer
These Change for Oct - May - Winter

Restated

**Orion
Carbons
Black
Contract**

Line	Fuel Factor Name	Rate	KWH	Amount
16	J M HUBER (ENGINEERED CARBONS) FUEL FACTOR - RATE 733	0.017476	2,936,671	57,784.90
17	J M HUBER (ENGINEERED CARBONS) CREDIT FACTOR	0.024663	-	0.00
18	J M HUBER (ENGINEERED CARBONS) EXCESS POWER CREDIT FACTOR		2,936,671	\$57,784.89
19				
20				

Less: Payment already processed

WP/E-4(CD)
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48,665.42

Add'l Amount Due

9,119.47

**SOUTHWESTERN PUBLIC SERVICE COMPANY
FUEL COST ADJUSTMENT COMPUTATIONS**

FCA FOR
MAY 2017

FUEL FACT NAME

LINE	FUEL FACT NAME	WINTER RATE	2017-05	AMOUNT
1				
2				
3	TEXAS RETAIL SECONDARY	0.027617		
4				
5	TEXAS RETAIL PRIMARY	0.026806		
6				
7	TEXAS RETAIL SUB - TRANSMISSION	0.026188		
8				
9	TEXAS RETAIL BACKBONE TRANSMISSION	0.024999		
10				
11	WTMPA, NM COOP'S	*		
12	TRI COUNTY	*		
13				
14	GOLDEN SPREAD	*		
15				

These Change for June - Sept - Summer
These Change for Oct - May - Winter

0.027617	Winter Rate
0.026806	Winter Rate
0.026188	Winter Rate
0.024999	Winter Rate

**Orion
Carbons
Black
Contract**

LINE	DESCRIPTION	RATE	KWH	AMOUNT
16				
17				
18	J M HUBER (ENGINEERED CARBONS) FUEL FACTOR - RATE 733	0.017476	2,966,834	58,378.41
19	J M HUBER (ENGINEERED CARBONS) CREDIT FACTOR	0.024663	-	0.00
20	J M HUBER (ENGINEERED CARBONS) EXCESS POWER CREDIT FACTOR			
21				
			2,966,833	\$58,378.40

Restated

Less: Payment already processed

49,889.53

Add'l Amount Due

8,488.85

WP/E-4(CD)
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**SOUTHWESTERN PUBLIC SERVICE COMPANY
FUEL COST ADJUSTMENT COMPUTATIONS**

FCA FOR
OCTOBER 2017

FUEL FACT NAME

1			
2	TEXAS RETAIL SECONDARY		
3		0.027817 Winter Rate	RATES CHANGE OCTOBER TO WINTER RATES
4	TEXAS RETAIL PRIMARY		
5		0.026306 Winter Rate	RATES CHANGE OCTOBER TO WINTER RATES
6	TEXAS RETAIL SUB - TRANSMISSION		
7		0.025136 Winter Rate	RATES CHANGE OCTOBER TO WINTER RATES
8	TEXAS RETAIL BACKBONE TRANSMISSION		
9		0.024999 Winter Rate	RATES CHANGE OCTOBER TO WINTER RATES
10			
11	WTMPA, NM COOP'S	*	
12	TRI COUNTY	*	
13			
14	GOLDEN SPREAD	*	
15			

Restated

**Orion
Carbons
Black
Contract**

16				
17				
18	J M HUBER (ENGINEERED CARBONS) FUEL FACTOR - RATE 733	0.026306		
19	J M HUBER (ENGINEERED CARBONS) CREDIT FACTOR	0.002201		
20	J M HUBER (ENGINEERED CARBONS) EXCESS POWER CREDIT FACTOR	(0.000570)		
21				
			Rate	Amount
				2017-10
			0.019677	58,772.78
			0.024093	0.00
			2,986,877	58,772.78
			2,986,877	\$58,772.78
				54,891.98

Less: Payment already processed

Add'l Amount Due

3,380.80

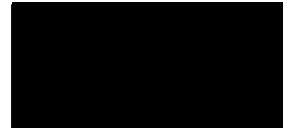
WP/E-4(CD)
Page 2379 of 8272
Sponsor: Freitas
19 TX Rate Case



ORION ENGINEERED CARBONS, LLC

TO: Southwestern Public Serv. Co.
 Attn: Mark Baylor
 Energy Markets
 550 15th Street, Suite 600
 Denver, CO 80202

INVOICE 15630
 Vendor 105226
 DATE 10/03/18
 Doc # 1800000147
 TERMS: upon receipt



Description		Amount
Electricity Charges for Sept 2018		
	Rate	
Produced & Used	2,768,540 KWH @ 0.013064	\$ 36,168.21
Produced in Excess	3,877,100 KWH @ 0.024368	\$ 94,477.16
Total Generation	A ₁ 6,645,640 KWH	Total Produced 130,645.37
Supplemental Electricity Charge		
-		
Supplemental gas firing		
- mmbtu @ -		
Amount Due		\$ 130,645.37

For questions regarding this invoice, contact:
 Basheer Siddique
basheer.siddique@orioncarbons.com
 ph 281-318-4217

21021 RB - 66% \$86,225.94
 21022 PB - 34% \$44,419.43
 A₂ \$130,645.37

CC Bill.A.Watson@xcelenergy.com
jeanette.r.schuck@xcelenergy.com
joann.u.schmidt@xcelenergy.com

**SOUTHWESTERN PUBLIC SERVICE COMPANY
FUEL COST ADJUSTMENT COMPUTATIONS**

FCA FOR
Sept 2018

FUEL FACT NAME

1				
2				
3	TEXAS RETAIL SECONDARY	0.020578	(SUMMER RATES) from Docket No. 48236	
4				
5	TEXAS RETAIL PRIMARY	0.020193	(SUMMER RATES) from Docket No. 48236	
6				
7	TEXAS RETAIL SUB - TRANSMISSION	0.018974	(SUMMER RATES) from Docket No. 48236	
8				
9	TEXAS RETAIL BACKBONE TRANSMISSION	0.018832	(SUMMER RATES) from Docket No. 48236	
10				
11	WTMPA, NM COOP'S	*		
12	TRI COUNTY	*		
13				
14	GOLDEN SPREAD	*		
15				Estimate

	Rate	KWH	Amount
		2018-09	
16			
17			
18	J M HUBER (ENGINEERED CARBONS) FUEL FACTOR - RATE 733		
19	J M HUBER (ENGINEERED CARBONS) CREDIT FACTOR	0.017476	0.013064
20	J M HUBER (ENGINEERED CARBONS) EXCESS POWER CREDIT FACTOR	0.024663	0.024368
21		6,645,640	\$130,645,370

36,168.21
 94,477.16
 130,645.37

WP/E-4(CD)
2381 of 8272
Sponsor: Freitas
TX Rate Case

A

XCEL ENERGY
II

STATEMENT OF ACCOUNT WITH:

ORION ENGINEERED CARBONS
P.O. BOX 7777
BORGER, TX 79008-7777

ACCOUNT: 238499

DATE PREPARED: 10/2/2018

RATE 733

FOR SERVICE AT:	FURNACE PLANT	FROM	9/1/2018	TO	9/30/2018
MINIMUM DEMAND:					
ACTUAL DEMAND:	6,350				
BILLING DEMAND:	6,350				
REACTIVE DEMAND:	1,819				
ENERGY USED:	2,768,540				
			POWER FACTOR		96.1%
			LOAD FACTOR		81.6%
DEMAND CHARGE		0	12.76	\$	-
ENERGY CHARGE:		2,768,540	0.008464	\$	23,432.93
		0	0.00596	\$	-
TOTAL DEMAND AND ENVERGY CHARGE		0	KWH	\$	23,432.93
FUEL COST ADJUSTMENT	0 MILLS PER KWH			\$	-
FUEL COST ADJUSTMENT	20.193	2,768,540		\$	55,905.15
POWERFACTOR ADJUSTMENT	12.76	0		\$	-
CUSTOMER CHARGE	58.5	0		\$	-
EECRF	0.000208 MILLS PER KWH	2,768,540		\$	575.86
EECRF	0.000455 MILLS PER KWH			\$	-
FUEL COST SURCHARGE		0		\$	-
FUEL COST SURCHARGE INTEREST		0		\$	-
SUBTOTAL				\$	79,913.94
RCE RIDER	0.003257 \$	23,432.93		\$	76.32
RCE RIDER	0.003257 \$	-		\$	-
RCE RIDER	0.003288 \$	-		\$	-
RCE RIDER	0.003288 \$	-		\$	-
RCE RIDER	0.003288 \$	-		\$	-
BASE RATE TRUE UP	1 \$	-		\$	-
BASE RATE TRUE UP	1 \$	-		\$	-
POWER FACTOR RIDER	5477 \$	0.05	5477	\$	268.37
TCRF	0.408 \$	5,477.00		\$	2,234.62
TCRF	0.408 \$	812.00		\$	331.30
STATE TAX				\$	-
INFO WISE				\$	5,176.53
TEXAS BASE RATE TRUE UP				\$	75.00
TOTAL BILL				\$	88,076.08

DETAIL OF CONSUMPTION							
METER NO.	KW DEMAND	PRESENT READING	PREV. READING	DIFF.	MULTIPLIER	KWH USED	KVAR USED
20553628	4,865	37088.9438	35772.4702	1316.4736	2,100	2,764,595	42
20553541	1485	158.3747	157.9989	0.3758	10,500	3,946	1,777
TOTAL	6,350					2,768,540 (1)	1,819
GENERATION	10,712	9536.3953	8903.4772	632.9181	10,500	6,645,640	1,139
TOTAL GENERATION						6,645,640 (2)	
FUEL FACTOR #19		(4.412)	MILLS				
FUEL FACTOR #20		0.295	MILLS				

NOTE: POWER FACTOR AND LOAD FACTOR ARE CALCULATED ON PLANT LOAD ONLY, METER NUMBER 52984091

pf #DIV/0!

B

**SOUTHWESTERN PUBLIC SERVICE COMPANY
 FUEL COST ADJUSTMENT COMPUTATIONS**

<u>FUEL FACTOR #</u>	<u>NAME</u>	<u>FCA FOR AUGUST 2018</u>
1		
2		
3	TEXAS RETAIL SECONDARY	0.020578 Summer Rate
4		
5	TEXAS RETAIL PRIMARY	0.020193 Summer Rate
6		
7	TEXAS RETAIL SUB - TRANSMISSION	0.018974 Summer Rate
8		
9	TEXAS RETAIL BACKBONE TRANSMISSION	0.018832 Summer Rate
10		
11	WTMPA, NM COOP'S	*
12	TRI COUNTY	*
13		
14	GOLDEN SPREAD	*
15		
16		
17		*
18	J M HUBER (ENGINEERED CARBONS) FUEL FACTOR - RATE 7:	0.020193 Summer Rate
19	J M HUBER (ENGINEERED CARBONS) CREDIT FACTOR	(0.004412) ¹
20	J M HUBER (ENGINEERED CARBONS) EXCESS POWER CREDI	(0.000295) ²

c

III.

APPLICABLE RATES AND PAYMENT METHODS

Section 3.01. Rates. During the time this contract is in effect, the following rates will be in effect:

(a) For electricity generated by the Generator and delivered to SPS, SPS shall pay to Huber according to the following rates:

(1) (i) For each kilowatt hour up to the number of kilowatt hours used at the Plant during that Billing Month, a base price of \$.017476/kWh plus the Huber FCA.

(2) (ii) For each kilowatt hour in excess of the number of kilowatt hours used at the Plant during the same Billing Month, \$.024663/kWh plus the EP-FCA.

(b) For electricity delivered by SPS to the Plant through the Plant Meter and delivered to the Generator auxiliaries through the QF Consumption Meter (combined on a noncoincident basis), Huber shall pay to SPS \$.005561/kWh plus SPS's Primary Distribution Fuel Cost Recovery Factor provided in Tariff Number 7100. This rate is as shown on attached Exhibit A or as Exhibit A may be amended from time to time by the regulatory body having jurisdiction.

The rate for purchases by Huber shall remain in force throughout the term of this Agreement except that if, during the term of this Agreement, SPS at any time, or from time to time, makes effective a change for the Texas Large General Service-Distribution class of service (or other equivalent class of service), then such change shall immediately and automatically adjust the rate for purchase by Huber. Such adjustment shall be made by applying the base rate percentage increase for the Texas Large General Service-Distribution class of service to the difference between the rate for purchase by Huber (Section 3.01(b)) and the rate for purchase by SPS (Section 3.01(a)(i)) and then adding this amount to the Section 3.01(b) rate. Any rate change made to specifically reflect the Tax Reform Act of 1986 shall not precipitate an adjustment to the Section 3.01(b) rate.

Section 3.02. FCA. It is the intent of the Parties that the Huber FCA as described in Section 3.01(a)(i) and the Fuel Cost Recovery Factor as described in conjunction with Section 3.01(b) are to be exactly offsetting and shall not be considered in any fuel cost refunds which may be required by any regulatory body in the future.

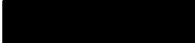
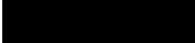
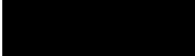


Southwestern Public Service Company

Remittance Statement

Palo_Duro Wind Energy, LLC
700 Universe Blvd
Juno Beach, FL 33408

Remit To

Bank Name : Bank of America
Wire ABA : 
ACH ABA : 
Account No : 

Remittance No : 48128 ✓
Remittance Date : 01/08/2018 ✓
Due Date : 01/22/2018 ✓

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2017-12 ✓	98,138 ✓	MWh	\$22.26000	\$2,184,551.88 ✓
Total					\$2,184,551.88

Invoice



Palo Duro Wind Energy, LLC
 Tax ID # 46-3128779
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 407516
 Counterparty: Southwestern Public Service Company
 Date: Jan 08, 2018
 Period: Dec 01, 2017 - Dec 31, 2017
 Amount: \$2,184,551.88 USD
 Due Date: Jan 30, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 2,184,551.88	USD
GENPPA Subtotal		\$ 2,184,551.88	USD
TOTAL		\$ 2,184,551.88	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr	
GENPPA												
Sell												
	1529147	07/31/15	12/01/17	12/31/17	ELECTRIC	Energy Charge for 7x24	(98,138.00)	MWh	\$22.2600	\$2,184,551.88	USD	
										Sell Subtotal	\$2,184,551.88	USD
										GENPPA Subtotal	\$2,184,551.88	USD
										TOTAL	\$2,184,551.88	USD

*# paid
 curtailments*

Invoice



Palo Duro Wind Energy, LLC
Tax ID # 46-3128779



Invoice: 407516
Counterparty: **Southwestern Public Service Company**
Date: **Jan 08, 2018**
Period: **Dec 01, 2017 - Dec 31, 2017**
Amount: **\$2,184,551.88 USD**
Due Date: **Jan 30, 2018**

Payment Details

Wire

Bank:
Acct Name: **Palo Duro Wind Energy, LLC**
ABA #:
Account #:
Addr Code:

ACH

Bank: **Bank of America**
Global Finance, Dallas, Texas
Acct Name: **Palo Duro Wind Energy, LLC**
ABA #: 
Account #: 
Addr Code:

If you have any questions, please contact Brian Heneghan at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Palo Duro

12/31/201	TRUE	From MV9	-175	0	0	0	-175	0
12/31/201	TRUE	From MV9	-101	0	0	0	-101	0
12/31/201	TRUE	From MV9	-45	0	0	0	-45	0
12/31/201	TRUE	From MV9	-90	0	0	0	-90	0
12/31/201	TRUE	From MV9	-115	0	0	0	-115	0
12/31/201	TRUE	From MV9	-128	0	0	0	-128	0
12/31/201	TRUE	From MV9	-97	0	0	0	-97	0
12/31/201	TRUE	From MV9	-105	0	0	0	-105	0
12/31/201	TRUE	From MV9	-83	0	0	0	-83	0
12/31/201	TRUE	From MV9	-55	0	0	0	-55	0
12/31/201	TRUE	From MV9	-84	0	0	0	-84	0
12/31/201	TRUE	From MV9	-144	0	0	0	-144	0
12/31/201	TRUE	From MV9	-85	0	0	0	-85	0
12/31/201	TRUE	From MV9	-67	0	0	0	-67	0
12/31/201	TRUE	From MV9	-74	0	0	0	-74	0
12/31/201	TRUE	From MV9	-73	0	0	0	-73	0
12/31/201	TRUE	From MV9	-91	0	0	0	-91	0
12/31/201	TRUE	From MV9	-65	0	0	0	-65	0
12/31/201	TRUE	From MV9	-87	0	0	0	-87	0
12/31/201	TRUE	From MV9	-69	0	0	0	-69	0
12/31/201	TRUE	From MV9	-40	0	0	0	-40	0
12/31/201	TRUE	From MV9	-21	0	0	0	-21	0
12/31/201	TRUE	From MV9	-21	0	0	0	-21	0
12/31/201	TRUE	From MV9	-20	0	0	0	-20	0

-98,138.00 ✓

Invoice



Palo Duro Wind Energy, LLC
 Tax ID # 46-3128779
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 411697

Counterparty: Southwestern Public Service Company

Date: Feb 05, 2018

Period: Jan 01, 2018 - Jan 31, 2018

Amount: \$2,291,644.74 USD

Due Date: Feb 27, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 2,291,644.74	USD
GENPPA Subtotal		\$ 2,291,644.74	USD
TOTAL		\$ 2,291,644.74	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell	1529147	07/31/15	01/01/18 - 01/31/18		ELECTRIC	Energy Charge for 7x24	(102,949.00)	MW/h	\$22.2600	\$2,291,644.74	USD
Sell Subtotal										\$2,291,644.74	USD
GENPPA Subtotal										\$2,291,644.74	USD
TOTAL										\$2,291,644.74	USD

Invoice



Palo Duro Wind Energy, LLC
Tax ID # 46-3128779

Invoice: 411697

Counterparty: Southwestern Public Service Company

Date: Feb 05, 2018

Period: Jan 01, 2018 - Jan 31, 2018

Amount: \$2,291,644.74 USD

Due Date: Feb 27, 2018

Payment Details

Wire

Bank:
Acct Name: Palo Duro Wind Energy, LLC
ABA #:
Account #:
Addr Code:

ACH

Bank: Bank of America
Global Finance, Dallas, Texas
Acct Name: Palo Duro Wind Energy, LLC
ABA #: [REDACTED]
Account #:
Addr Code:

If you have any questions, please contact Brienne Helm at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Palo Duro Wind Energy, LLC
 Tax ID # 46-3128779
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 417407

Counterparty: Southwestern Public Service Company

Date: Mar 07, 2018

Period: Feb 01, 2018 - Feb 28, 2018

Amount: \$2,247,102.48 USD

Due Date: Mar 28, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 2,247,102.48	USD
GENPPA Subtotal		\$ 2,247,102.48	USD
TOTAL		\$ 2,247,102.48	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1529147	07/31/15	02/01/18 - 02/28/18		ELECTRIC	Energy Charge for 7x24	(100,948.00)	MW/h	\$22.2600	\$2,247,102.48	USD
	1583942	12/07/15	02/01/18 - 02/28/18		ELECTRIC	Miscellaneous, PPA Curtailment	897.23	MW/h	\$52.6400	\$(47,230,919)	USD
	2021092	05/03/17	02/01/18 - 02/28/18		ELECTRIC	Miscellaneous, PPA Curtailment	(897.23)	MW/h	\$52.6400	\$47,230,919	USD
Sell Subtotal										\$2,247,102.48	USD
GENPPA Subtotal										\$2,247,102.48	USD
TOTAL										\$2,247,102.48	USD

Invoice



Palo Duro Wind Energy, LLC
Tax ID # 46-3128779

Invoice: 417407

Counterparty: Southwestern Public Service Company

Date: Mar 07, 2018

Period: Feb 01, 2018 - Feb 28, 2018

Amount: \$2,247,102.48 USD

Due Date: Mar 28, 2018

Payment Details

Wire

Bank:
Acct Name: Palo Duro Wind Energy, LLC
ABA #:
Account #:
Addr Code:

ACH

Bank: Bank of America
Global Finance, Dallas, Texas
Acct Name: Palo Duro Wind Energy, LLC
ABA #: [REDACTED]
Account #:
Addr Code:

If you have any questions, please contact Kevin Daly at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Palo Duro Wind Energy, LLC
 Tax ID # 46-3128779
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 422135

Counterparty: Southwestern Public Service Company

Date: Apr 06, 2018

Period: Mar 01, 2018 - Mar 31, 2018

Amount: \$2,550,461.76 USD

Due Date: Apr 27, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 2,550,461.76	USD
GENPPA Subtotal		\$ 2,550,461.76	USD
TOTAL		\$ 2,550,461.76	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell	1529147	07/31/15	03/01/18	03/31/18	ELECTRIC	Energy Charge for 7x24	(114,576.00)	MW/h	\$22.2600	\$2,550,461.76	USD
Sell Subtotal										\$2,550,461.76	USD
GENPPA Subtotal										\$2,550,461.76	USD
TOTAL										\$2,550,461.76	USD

Invoice



Palo Duro Wind Energy, LLC
Tax ID # 46-3128779

Invoice: 422135

Counterparty: Southwestern Public Service Company

Date: Apr 06, 2018

Period: Mar 01, 2018 - Mar 31, 2018

Amount: \$2,550,461.76 USD

Due Date: Apr 27, 2018

Payment Details

Wire

Bank:
Acct Name: Palo Duro Wind Energy, LLC
ABA #:
Account #:
Addr Code:

ACH

Bank: Bank of America
Global Finance, Dallas, Texas
Acct Name: Palo Duro Wind Energy, LLC
ABA #:
Account #:
Addr Code:

If you have any questions, please contact Kevin Daly at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Palo Duro Wind Energy, LLC
 Tax ID # 46-3128779
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 426618

Counterparty: Southwestern Public Service Company

Date: May 03, 2018

Period: Apr 01, 2018 - Apr 30, 2018

Amount: \$2,144,283.54 USD

Due Date: May 24, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 2,144,283.54	USD
GENPPA Subtotal		\$ 2,144,283.54	USD
TOTAL		\$ 2,144,283.54	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr	
GENPPA												
Sell												
	1529147	07/31/15	04/01/18 - 04/30/18		ELECTRIC	Energy Charge for 7x24	(96,329.00)	MW/h	\$22.2600	\$2,144,283.54	USD	
	2232600	05/03/18	04/01/18 - 04/30/18		ELECTRIC	PPA Curtailment	(18,028.75)	MW/h	\$52.6400	\$949,032.46	USD	
	2232601	05/03/18	04/01/18 - 04/30/18		ELECTRIC	PPA Curtailment	18,028.75	MW/h	\$52.6400	\$(949,032.46)	USD	
Sell Subtotal										\$2,144,283.54	USD	
GENPPA Subtotal											\$2,144,283.54	USD
TOTAL											\$2,144,283.54	USD

Invoice



Palo Duro Wind Energy, LLC
Tax ID # 46-3128779

Invoice: 426618

Counterparty: Southwestern Public Service Company

Date: May 03, 2018

Period: Apr 01, 2018 - Apr 30, 2018

Amount: \$2,144,283.54 USD

Due Date: May 24, 2018

Payment Details

Wire

Bank:

Acct Name: Palo Duro Wind Energy, LLC

ABA #:

Account #:

Addr Code:

ACH

Bank:

Global Finance, Dallas, Texas

Acct Name: Palo Duro Wind Energy, LLC

ABA #:

Account #:

Addr Code:

If you have any questions, please contact Kevin Daly at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Palo Duro Wind Energy, LLC
 Tax ID # 46-3128779
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 431796

Counterparty: Southwestern Public Service Company

Date: Jun 07, 2018

Period: May 01, 2018 - May 31, 2018

Amount: \$2,249,751.42 USD

Due Date: Jun 28, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 2,249,751.42	USD
GENPPA Subtotal		\$ 2,249,751.42	USD
TOTAL		\$ 2,249,751.42	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr	
GENPPA												
Sell												
	1529147	07/31/15	05/01/18 - 05/31/18		ELECTRIC	Energy Charge for 7x24	(101,067.00)	MW/h	\$22.2600	\$2,249,751.42	USD	
	2232600	05/03/18	05/01/18 - 05/31/18		ELECTRIC	PPA Curtailment	(6,969.78)	MW/h	\$52.6400	\$366,889.24	USD	
	2232601	05/03/18	05/01/18 - 05/31/18		ELECTRIC	PPA Curtailment	6,969.78	MW/h	\$52.6400	\$(366,889.24)	USD	
Sell Subtotal										\$2,249,751.42	USD	
GENPPA Subtotal											\$2,249,751.42	USD
TOTAL											\$2,249,751.42	USD

Invoice



Palo Duro Wind Energy, LLC
Tax ID # 46-3128779

Invoice: 431796

Counterparty: Southwestern Public Service Company

Date: Jun 07, 2018

Period: May 01, 2018 - May 31, 2018

Amount: \$2,249,751.42 USD

Due Date: Jun 28, 2018

Payment Details

Wire

Bank:
Acct Name: Palo Duro Wind Energy, LLC
ABA #:
Account #:
Addr Code:

ACH

Bank: Bank of America
Global Finance, Dallas, Texas
Acct Name: Palo Duro Wind Energy, LLC
ABA #:
Account #:
Addr Code:

If you have any questions, please contact Kevin Daly at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Palo Duro Wind Energy, LLC
 Tax ID # 46-3128779
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 437834

Counterparty: Southwestern Public Service Company

Date: Jul 11, 2018

Period: Jun 01, 2018 - Jun 30, 2018

Amount: \$2,632,125.53 USD

Due Date: Jul 27, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 2,632,125.53	USD
GENPPA Subtotal		\$ 2,632,125.53	USD
TOTAL		\$ 2,632,125.53	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1529147	07/31/15	06/01/18 - 06/30/18		ELECTRIC	Energy Charge for 7x24	(115,058.00)	MWh	\$22.2600	\$2,561,591.08	USD
	2232600	05/03/18	06/01/18 - 06/30/18		ELECTRIC	PPA Curtailment	(1,388.206)	MWh	\$52.6400	\$73,072.18	USD
	2232601	05/03/18	06/01/18 - 06/30/18		ELECTRIC	PPA Curtailment	1,388.206	MWh	\$52.6400	\$(73,072.18)	USD
	2275990	06/30/18	06/01/18 - 06/30/18		ELECTRIC	PPA Curtailment	(1,347.539)	MWh	\$52.6400	\$70,934.45	USD
Sell Subtotal										\$2,632,125.53	USD
GENPPA Subtotal										\$2,632,125.53	USD
TOTAL										\$2,632,125.53	USD

Invoice



Palo Duro Wind Energy, LLC
Tax ID # 46-3128779

Invoice: 437834

Counterparty: Southwestern Public Service Company

Date: Jul 11, 2018

Period: Jun 01, 2018 - Jun 30, 2018

Amount: \$2,632,125.53 USD

Due Date: Jul 27, 2018

Payment Details

Wire

Bank:
Acct Name: Palo Duro Wind Energy, LLC
ABA #:
Account #:
Addr Code:

ACH

Bank: Bank of America
Global Finance, Dallas, Texas
Acct Name: Palo Duro Wind Energy, LLC
ABA #:
Account #:
Addr Code:

If you have any questions, please contact Kevin Daly at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Palo Duro Wind Energy, LLC
 Tax ID # 46-3128779
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 449472

Counterparty: Southwestern Public Service Company

Date: Sep 12, 2018

Period: Aug 01, 2018 - Aug 31, 2018

Amount: \$1,929,423.68 USD

Due Date: Sep 28, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 1,929,423.68	USD
GENPPA Subtotal		\$ 1,929,423.68	USD
TOTAL		\$ 1,929,423.68	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1529147	07/31/15	08/01/18 - 08/31/18		ELECTRIC	Energy Charge for 7x24	(86,638.00)	MW/h	\$22.2600	\$1,929,423.68	USD
	1529147	07/31/15	08/01/18 - 08/31/18		ELECTRIC	PPA Curtailment Contract Price [PPA Curtailment Contract Price]	(16.30)	MW/h	\$22.2595	\$362,844.00	USD
	1529147	07/31/15	08/01/18 - 08/31/18		ELECTRIC	PPA Curtailment Grossed-Up PTC [PPA Curtailment Grossed-Up PTC]	(16.30)	MW/h	\$30.6102	\$498,961.28	USD
Sell Subtotal										\$1,929,423.68	USD
GENPPA Subtotal										\$1,929,423.68	USD
TOTAL										\$1,929,423.68	USD

Invoice



Palo Duro Wind Energy, LLC
Tax ID # 46-3128779

Invoice: 449472

Counterparty: Southwestern Public Service Company

Date: Sep 12, 2018

Period: Aug 01, 2018 - Aug 31, 2018

Amount: \$1,929,423.68 USD

Due Date: Sep 28, 2018

Payment Details

Wire

Bank:

Acct Name: Palo Duro Wind Energy, LLC

ABA #:

Account #:

Addr Code:

ACH

Bank:

Global Finance, Dallas, Texas

Acct Name: Palo Duro Wind Energy, LLC

ABA #:

Account #:

Addr Code:

If you have any questions, please contact Zachary Shell at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Palo Duro Wind Energy, LLC
 Tax ID # 46-3128779
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 453422

Counterparty: Southwestern Public Service Company

Date: Oct 03, 2018

Period: Sep 01, 2018 - Sep 30, 2018

Amount: \$2,246,463.37 USD

Due Date: Oct 24, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 2,246,463.37	USD
GENPPA Subtotal		\$ 2,246,463.37	USD
TOTAL		\$ 2,246,463.37	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1529147	07/31/15	09/01/18 - 09/30/18		ELECTRIC	Energy Charge for 7x24	(100,844.00)	MW/h	\$22.2600	\$2,246,463.37	USD
	1529147	07/31/15	09/01/18 - 09/30/18		ELECTRIC	PPA Curtailment Contract Price [PPA Curtailment Contract Price]	(31.70)	MW/h	\$22.2588	\$707,556	USD
	1529147	07/31/15	09/01/18 - 09/30/18		ELECTRIC	PPA Curtailment Grossed-Up PTC [PPA Curtailment Grossed-Up PTC]	(31.70)	MW/h	\$30.6107	\$970,342	USD
Sell Subtotal										\$2,246,463.37	USD
GENPPA Subtotal										\$2,246,463.37	USD
TOTAL										\$2,246,463.37	USD

Invoice



Palo Duro Wind Energy, LLC
Tax ID # 46-3128779

Invoice: 453422

Counterparty: Southwestern Public Service Company

Date: Oct 03, 2018

Period: Sep 01, 2018 - Sep 30, 2018

Amount: \$2,246,463.37 USD

Due Date: Oct 24, 2018

Payment Details

Wire

Bank:
Acct Name: Palo Duro Wind Energy, LLC
ABA #:
Account #:
Addr Code:

ACH

Bank: Bank of America
Global Finance, Dallas, Texas
Acct Name: Palo Duro Wind Energy, LLC
ABA #: [REDACTED]
Account #:
Addr Code:

If you have any questions, please contact Zachary Shell at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Palo Duro Wind Energy, LLC
 Tax ID # 46-3128779
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 458676

Counterparty: Southwestern Public Service Company

Date: Nov 02, 2018

Period: Oct 01, 2018 - Oct 31, 2018

Amount: \$1,919,236.85 USD

Due Date: Nov 20, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 1,919,236.85	USD
GENPPA Subtotal		\$ 1,919,236.85	USD
TOTAL		\$ 1,919,236.85	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1529147	07/31/15	10/01/18 - 10/31/18	10/31/18	ELECTRIC	PPA Curtailment Contract Price [PPA Curtailment Contract Price]	(148.24)	MW/h	\$22.2598	\$3,299.80	USD
	1529147	07/31/15	10/01/18 - 10/31/18	10/31/18	ELECTRIC	Energy Charge for 7x24	(85,867.00)	MW/h	\$22.2600	\$1,911,399.42	USD
	1529147	07/31/15	10/01/18 - 10/31/18	10/31/18	ELECTRIC	PPA Curtailment Grossed-Up PTC [PPA Curtailment Grossed-Up PTC]	(148.24)	MW/h	\$30.6100	\$4,537.63	USD
							Sell Subtotal			\$1,919,236.85	USD
							GENPPA Subtotal			\$1,919,236.85	USD
							TOTAL			\$1,919,236.85	USD

Invoice



Palo Duro Wind Energy, LLC
Tax ID # 46-3128779

Invoice: **458676**

Counterparty: **Southwestern Public Service Company**

Date: **Nov 02, 2018**

Period: **Oct 01, 2018 - Oct 31, 2018**

Amount: **\$1,919,236.85 USD**

Due Date: **Nov 20, 2018**

Payment Details

Wire

Bank:
Acct Name: **Palo Duro Wind Energy, LLC**
ABA #:
Account #:
Addr Code:

ACH

Bank: **Bank of America**
Global Finance, Dallas, Texas
Acct Name: **Palo Duro Wind Energy, LLC**
ABA #:
Account #:
Addr Code:

If you have any questions, please contact Zachary Shell at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Palo Duro Wind Energy, LLC
 Tax ID # 46-3128779
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 463974

Counterparty: Southwestern Public Service Company

Date: Dec 04, 2018

Period: Nov 01, 2018 - Nov 30, 2018

Amount: \$1,883,173.66 USD

Due Date: Dec 20, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator
 600 South Tyler
 Amarillo, TX 79101
 Phone: 303-571-7142
 Fax: 303-294-2318

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA	Sell	\$ 1,883,173.66	USD
GENPPA Subtotal		\$ 1,883,173.66	USD
TOTAL		\$ 1,883,173.66	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1529147	07/31/15	11/01/18 - 11/30/18		ELECTRIC	PPA Curtailment Contract Price [PPA Curtailment Contract Price]	(677.44)	MW/h	\$22.2599	\$15,291,736.66	USD
	1529147	07/31/15	11/01/18 - 11/30/18		ELECTRIC	Energy Charge for 7x24	(82,990.00)	MW/h	\$22.2600	\$1,847,352.46	USD
	1529147	07/31/15	11/01/18 - 11/30/18		ELECTRIC	PPA Curtailment Grossed-Up PTC [PPA Curtailment Grossed-Up PTC]	(677.44)	MW/h	\$30.6100	\$207,366.49	USD
Sell Subtotal										\$1,883,173.66	USD
GENPPA Subtotal										\$1,883,173.66	USD
TOTAL										\$1,883,173.66	USD

Invoice



Palo Duro Wind Energy, LLC
Tax ID # 46-3128779

Invoice: 463974

Counterparty: Southwestern Public Service Company

Date: Dec 04, 2018

Period: Nov 01, 2018 - Nov 30, 2018

Amount: \$1,883,173.66 USD

Due Date: Dec 20, 2018

Payment Details

Wire

Bank:
Acct Name: Palo Duro Wind Energy, LLC
ABA #:
Account #:
Addr Code:

ACH

Bank: Bank of America
Global Finance, Dallas, Texas
Acct Name: Palo Duro Wind Energy, LLC
ABA #: [REDACTED]
Account #:
Addr Code:

If you have any questions, please contact Zachary Shell at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

WP/E-4(CD)
Page 2408 of 8272
Sponsor: Freitas
019 TX Rate Case

Please notify NextEra Cash Management upon receipt at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com



Southwestern Public Service Company

Invoice

Pleasant Hill Wind Energy, LLC
 318 Cooper Circle

Rallscorporation@gmail.com

Remit To

Bank Name : JP Morgan Chase
 Wire ABA : 
 ACH ABA : 
 Account No : 
 Addendum :

Invoice No : 2018-I0050191
Invoice Date : 10/09/2018
Due Date : 10/22/2018

Line Item	Production Month	Volume	UOM	Rate	Value
Admin Fees	2018-09				-\$405.00
Energy Cost	2018-09	3,193,762	KWh	\$0.01785	\$57,011.60
Revenue Neutrality Uplift	2018-07				\$5.01
RUC Make Whole Payment Distribution	2018-07				-\$4.48
Revenue Neutrality Uplift	2018-09				-\$501.72
RUC Make Whole Payment Distribution	2018-09				-\$78.15
Total					\$56,027.26



Southwestern Public Service Company

Invoice

Pleasant Hill Wind Energy, LLC
 318 Cooper Circle

Rallscorporation@gmail.com

Remit To

Bank Name : JP Morgan Chase
 Wire ABA : 
 ACH ABA : 
 Account No : 
 Addendum : 

Invoice No : 2018-I0051086
Invoice Date : 12/12/2018
Due Date : 12/20/2018


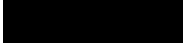
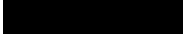
Line Item	Production Month	Volume	UOM	Rate	Value
Admin Fees	2018-11				-\$405.00
Energy Cost	2018-11	5,374,583	KWh	\$0.02181	\$117,237.41
Revenue Neutrality Uplift	2018-09				-\$1.56
RUC Make Whole Payment Distribution	2018-09				-\$6.25
Revenue Neutrality Uplift	2018-11				-\$1,213.53
RT Out-of-Merit	2018-11				\$95.00
RUC Make Whole Payment Distribution	2018-11				-\$2,143.42
Total					\$113,562.65

Southwestern Public Service Company

Invoice

Ralls Wind Farm, LLC
318 Cooper Circle
Peachtree City, Georgia 30269
srowles@sanyamerica.comd@valero.com

Remit To

Bank Name : JP Morgan Chase
Wire ABA : 
ACH ABA : 
Account No : 

Invoice No : 2018-I0048566
Invoice Date : 03/12/2018
Due Date : 03/20/2018

Line Item	Production Month	Volume	UOM	Rate	Value
Admin Fees	2018-02				-\$405.00
Energy Cost	2018-02	2,022,135	KWh	\$0.02335	\$47,207.20
Revenue Neutrality Uplift	2017-12				\$67.55
RUC Make Whole Payment Distribution	2017-12				-\$13.01
Revenue Neutrality Uplift	2018-02				-\$121.12
RUC Make Whole Payment Distribution	2018-02				-\$34.00
Total					\$46,701.62

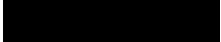
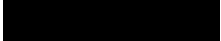
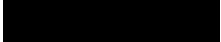
Southwestern Public Service Company

Invoice

Ralls Wind Farm, LLC
 318 Cooper Circle

srowles@sanyamerica.comd@valero.com

Remit To

Bank Name : JP Morgan Chase
 Wire ABA : 
 ACH ABA : 
 Account No : 
 Addendum :

Invoice No : 2018-I0049438
Invoice Date : 07/11/2018
Due Date : 07/20/2018

Line Item	Production Month	Volume	UOM	Rate	Value
Admin Fees	2018-06				-\$405.00
Energy Cost	2018-06	2,243,699	KWh	\$0.02056	\$46,135.42
Revenue Neutrality Uplift	2018-04				\$1.84
RUC Make Whole Payment Distribution	2018-04				-\$0.06
Revenue Neutrality Uplift	2018-06				-\$226.08
RUC Make Whole Payment Distribution	2018-06				-\$58.62
Total					\$45,447.50

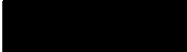
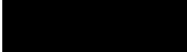



Southwestern Public Service Company

Remittance Statement

Roosevelt Wind Project, LLC ✓
15445 INNOVATION DR ✓
San Diego, CA 92128 ✓

Remit To

Bank Name : Bank of America
Wire ABA : 
ACH ABA : 
Account No : 
450 B Street
San Diego, CA 92101

Remittance No : 48127
Remittance Date : 01/08/2018
Due Date : 01/22/2018

Line Item	Production Month	Volume	UOM	Rate	Value
Curtailment	2017-12				\$5,456.98 ✓
Energy Cost	2017-12	96,897	KW	\$20.79584	\$2,015,054.05 ✓
Total					\$2,020,511.03

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Roosevelt Wind Project, LLC
 15445 Innovation Drive
 San Diego, CA 92128

Southwestern Public Service Company
 Attn: Kaitlin Dennehy
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

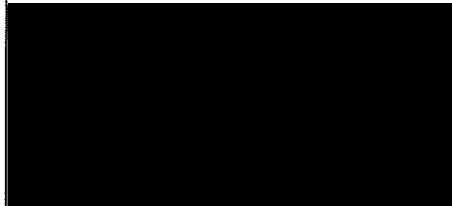
Invoice: 1217PROD
 Invoice Date: 1/2/2018
 GENERATION PERIOD: 12/01/17 - 12/31/17

TRADE SECRET DATA BEGINS...

Description			Amount
Wind Energy Purchase Agreement dated 07/10/2013 between Southwestern Public Service Company and Roosevelt Wind Ranch, LLC Assigned to Roosevelt Wind Project, LLC on 10/29/2013 Invoice calculated per Metering and Billing Procedures and Amendment to Wind Energy Purchase Agreement dated 09/08/2015 Commercial Operation Date: 15 December 2015			
December-17	MWh	PPA ENERGY RATE (\$/MWh)	
mWh energy to SPS (12/1 - 12/14)	38,794	\$20.55	\$ 797,223.79
mWh energy to SPS (12/15 - 12/31)	58,103	\$20.96	\$ 1,217,830.27
Source of Rate: Per PPA Exhibit J			
Total Due			\$ 2,015,054.05

90,897 ✓

Wire Payment Instructions:



If you have any questions concerning this invoice, please contact:
 Conor Jarvis (858) 521-3403

... TRADE SECRET DATA ENDSJ

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Roosevelt Wind Project, LLC

15445 Innovation Drive
San Diego, CA 92128

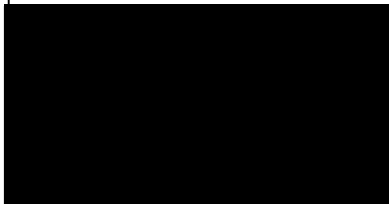
Southwestern Public Service Company
Attn: Kaitlin Dennehy
1800 Larimer Street, Suite 1000
Denver, CO 80202

Invoice: 1217 CURT
Invoice Date: 1/2/2018

TRADE SECRET DATA BEGINS...

Description			Amount
<p>Wind Energy Purchase Agreement dated 07/10/2013 between Southwestern Public Service Company and Roosevelt Wind Ranch, LLC</p> <p>Assigned to Roosevelt Wind Project, LLC on 10/29/2013</p> <p>Invoice calculated per Metering and Billing Procedures and Amendment to Wind Energy Purchase Agreement dated 09/08/2015</p> <p>Commercial Operation Date: 15 December 2015</p>			
	December-17	MWh	PPA ENERGY RATE (\$/mWh)
	MWh Curtailed (includes PTC gross-up) (12/1-12/14)	4.46	\$ 59.82
	MWh Curtailed (includes PTC gross-up) (12/15-12/31)	86.18	\$ 60.23
			266.75
			5,190.23
Source of Rate: Per WEPA Article 8 Section 8.2			
Total Due			\$ 5,456.98

Wire Payment Instructions:



If you have any questions concerning this invoice, please contact:
Conor Jarvis (858) 521-3403

... TRADE SECRET DATA ENDS

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Roosevelt Wind Project, LLC
 15445 Innovation Drive
 San Diego, CA 92128

Southwestern Public Service Company
 Attn: Kaitlin Dennehy
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

Invoice: **0118PROD**
 Invoice Date: **2/5/2018**
 GENERATION PERIOD: **1/1/18 - 1/31/18**

[TRADE SECRET DATA BEGINS...]

Description			Amount
Wind Energy Purchase Agreement dated 07/10/2013 between Southwestern Public Service Company and Roosevelt Wind Ranch, LLC Assigned to Roosevelt Wind Project, LLC on 10/29/2013 Invoice calculated per Metering and Billing Procedures and Amendment to Wind Energy Purchase Agreement dated 09/08/2015 Commercial Operation Date: 15 December 2015			
January-18	MWh	PPA ENERGY RATE (\$/mWh)	
mWh energy to SPS	103,584	\$20.96	\$ 2,171,124.76
Source of Rate: Per PPA Exhibit J			
Total Due			\$ 2,171,124.76

Wire Payment Instructions:

If you have any questions concerning this invoice, please contact:
 Conor Jarvis (858) 521-3403

... TRADE SECRET DATA ENDS]

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Roosevelt Wind Project, LLC

15445 Innovation Drive
 San Diego, CA 92128

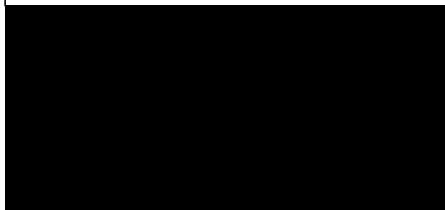
Southwestern Public Service Company
 Attn: Kaitlin Dennehy
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

Invoice: **0218PROD**
 Invoice Date: **3/2/2018**
 GENERATION PERIOD: **02/01/2018 - 02/28/2018**

[TRADE SECRET DATA BEGINS...]

Description			Amount
Wind Energy Purchase Agreement dated 07/10/2013 between Southwestern Public Service Company and Roosevelt Wind Ranch, LLC Assigned to Roosevelt Wind Project, LLC on 10/29/2013 Invoice calculated per Metering and Billing Procedures and Amendment to Wind Energy Purchase Agreement dated 09/08/2015 Commercial Operation Date: 15 December 2015			
February-18	MWh	PPA ENERGY RATE (\$/mWh)	
mWh energy to SPS	103,073	\$20.96	\$ 2,160,417.26
Source of Rate: Per PPA Exhibit J			
Total Due			\$ 2,160,417.26

Wire Payment Instructions:



If you have any questions concerning this invoice, please contact:
 Conor Jarvis (858) 521-3403

... TRADE SECRET DATA ENDS]

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Roosevelt Wind Project, LLC

15445 Innovation Drive
 San Diego, CA 92128



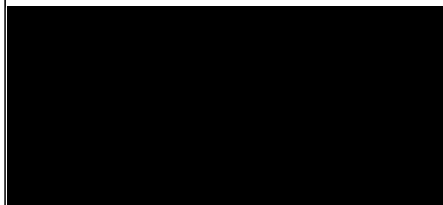
Southwestern Public Service Company
 Attn: Kaitlin Dennehy
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

Invoice: **0318PROD**
 Invoice Date: **4/10/2018**
 GENERATION PERIOD: **03/01/2018 - 03/31/2018**

[TRADE SECRET DATA BEGINS...]

Description			Amount
Wind Energy Purchase Agreement dated 07/10/2013 between Southwestern Public Service Company and Roosevelt Wind Ranch, LLC Assigned to Roosevelt Wind Project, LLC on 10/29/2013 Invoice calculated per Metering and Billing Procedures and Amendment to Wind Energy Purchase Agreement dated 09/08/2015 Commercial Operation Date: 15 December 2015			
March-18	MWh	PPA ENERGY RATE (\$/mWh)	
mWh energy to SPS	107,309	\$20.96	\$ 2,249,196.36
Source of Rate: Per PPA Exhibit J			
Total Due			\$ 2,249,196.36

Wire Payment Instructions:



If you have any questions concerning this invoice, please contact:
 Conor Jarvis (858) 521-3403

... TRADE SECRET DATA ENDS]

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Roosevelt Wind Project, LLC

15445 Innovation Drive
San Diego, CA 92128



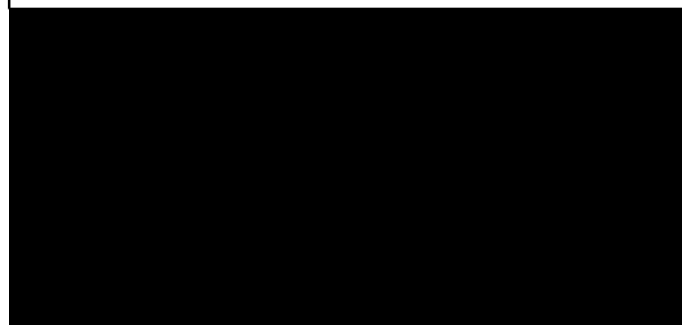
Southwestern Public Service Company
Attn: Bill Watson
1800 Larimer Street, Suite 1000
Denver, CO 80202

Invoice: **0418PROD**
Invoice Date: **5/4/2018**
GENERATION PERIOD: **04/01/2018 - 04/30/2018**

[TRADE SECRET DATA BEGINS...]

Description			Amount
<p>Wind Energy Purchase Agreement dated 07/10/2013 between Southwestern Public Service Company and Roosevelt Wind Ranch, LLC</p> <p>Assigned to Roosevelt Wind Project, LLC on 10/29/2013</p> <p>Invoice calculated per Metering and Billing Procedures and Amendment to Wind Energy Purchase Agreement dated 09/08/2015</p> <p>Commercial Operation Date: 15 December 2015</p>			
April-18	MWh	PPA ENERGY RATE (\$/mWh)	
mWh energy to SPS	111,980	\$20.96	\$ 2,347,108.20
Source of Rate: Per PPA Exhibit J			
Total Due			\$ 2,347,108.20

Wire Payment Instructions:



If you have any questions concerning this invoice, please contact:
Conor Jarvis | (858) 521-3403 | conor.jarvis@edf-re.com

... TRADE SECRET DATA ENDS]

ENERGY ALLOCATION PERCENTAGE FOR BILLING PURPOSES


Source: Metering and Billing Procedures Agreement (effective date: 8 September 2015) Exhibit A (*Pending Update*), Schedule 1 & Stantec Invoice Review Dated 7/8/2016
Agreement counterparties: Southwestern Public Service Company, Roosevelt Wind Project, LLC, Milo Wind Project, LLC

Date Prepared: 5/4/18
Billing Month: April-18

Generation Allocation						
<u>Line Item</u>	<u>Description</u>	<u>MWh</u>	<u>Algorithms</u>	<u>Line Item</u>	<u>Description</u>	<u>MWh</u>
A	Delivered Energy Metered @ Crossroads	134,694.984	Actual			
B	Roosevelt Energy Metered @ JUSS	111,712.215	Actual	BB	Milo Energy Metered @ JUSS	22,709.491
C	Roosevelt Line Loss Attribution	169.411	Schedule 2	CC	Milo Line Loss Attribution	3.917
D	Roosevelt Energy Production After Losses	111,542.804	= B-C	DD	Milo Energy Production After Losses	22,705.574
E	Roosevelt Energy Allocation Percent	83.09%	= D/(D + DD)	EE	Milo Energy Allocation Percent	16.91%
F	Roosevelt Renewable Energy Delivered @ Crossroads	111,978.230	Schedule 2	FF	Milo Renewable Energy Delivered @ Crossroads	22,719.724
G	Roosevelt Retail Power Adjustment (Credit)	2.123	= OO	GG	Milo Retail Power Adjustment (Credit)	4.179
H	Roosevelt Total Energy Delivered to SPS	111,980.353	= F + G	HH	Milo Total Energy Delivered to SPP	22,723.903
Station Power Usage Allocation						
<u>Line Item</u>	<u>Description</u>	<u>MWh</u>	<u>Algorithms</u>		<u>Description</u>	<u>MWh</u>
K	Energy Usage Metered @ Crossroads	36.062	Actual			
L	Roosevelt Energy Usage Metered @ JUSS	34.306	Actual	LL	Milo Energy Usage Metered @ JUSS	9.229
M	Roosevelt Line Loss Attribution	0.00029	Schedule 2	MM	Milo Line Loss Attribution	0.00002
N	Roosevelt Total Energy Usage (Retail Billing SPS to RCEC)	34.306	= L-M	NN	Milo Total Energy Usage (Retail Billing SPS to RCEC)	9.229
O	Roosevelt Energy Credit to Milo Generation	4.179	Schedule 2	OO	Milo Energy Credit to Roosevelt Generation	2.123
P	Roosevelt Total Energy Usage (Retail Billing RCEC to Roosevelt)	34.306	= L+M	PP	Milo Total Energy Usage (Retail Billing RCEC to Milo)	9.229
Notes:						

Authorized Signature on behalf of Milo per Section 4 of the MB Procedures:

Roosevelt Wind Project, LLC
By: EDF Renewable Asset Holdings, Inc., Its Managing Member

By: 
Name: Conor Jarvis
Title: Asset Manager, Generation

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Roosevelt Wind Project, LLC

15445 Innovation Drive
San Diego, CA 92128



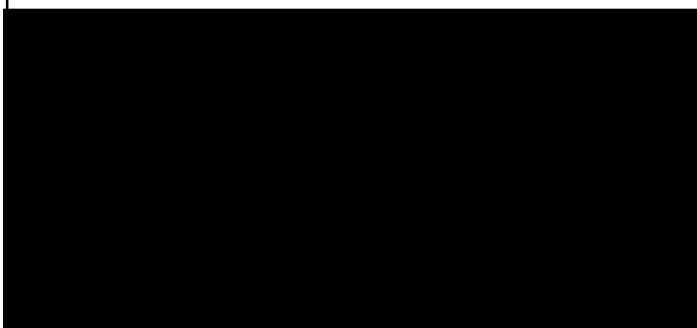
Southwestern Public Service Company
Attn: Bill Watson
1800 Larimer Street, Suite 1000
Denver, CO 80202

Invoice: **0518PROD**
Invoice Date: **6/8/2018**
GENERATION PERIOD: **05/01/2018 - 05/31/2018**

[TRADE SECRET DATA BEGINS...]

Description			Amount
<p>Wind Energy Purchase Agreement dated 07/10/2013 between Southwestern Public Service Company and Roosevelt Wind Ranch, LLC</p> <p>Assigned to Roosevelt Wind Project, LLC on 10/29/2013</p> <p>Invoice calculated per Metering and Billing Procedures and Amendment to Wind Energy Purchase Agreement dated 09/08/2015</p> <p>Commercial Operation Date: 15 December 2015</p>			
May-18	MWh	PPA ENERGY RATE (\$/mWh)	
mWh energy to SPS	96,746	\$20.96	\$ 2,027,796.67
Source of Rate: Per PPA Exhibit J			
Total Due			\$ 2,027,796.67

Wire Payment Instructions:



If you have any questions concerning this invoice, please contact:
Conor Jarvis | (858) 521-3403 | conor.jarvis@edf-re.com

... TRADE SECRET DATA ENDS]

ENERGY ALLOCATION PERCENTAGE FOR BILLING PURPOSES


Source: Metering and Billing Procedures Agreement (effective date: 8 September 2015) Exhibit A (*Pending Update*), Schedule 1 & Stantec Invoice Review Dated 7/8/2016
Agreement counterparties: Southwestern Public Service Company, Roosevelt Wind Project, LLC, Milo Wind Project, LLC

Date Prepared: 6/8/18
Billing Month: May-18

Generation Allocation						
<u>Line Item</u>	<u>Description</u>	<u>MWh</u>	<u>Algorithms</u>	<u>Line Item</u>	<u>Description</u>	<u>MWh</u>
A	Delivered Energy Metered @ Crossroads	116,116.489	Actual			
B	Roosevelt Energy Metered @ JUSS	96,505.319	Actual	BB	Milo Energy Metered @ JUSS	19,368.461
C	Roosevelt Line Loss Attribution	135.510	Schedule 2	CC	Milo Line Loss Attribution	3.112
D	Roosevelt Energy Production After Losses	96,369.809	= B-C	DD	Milo Energy Production After Losses	19,365.349
E	Roosevelt Energy Allocation Percent	83.27%	= D/(D + DD)	EE	Milo Energy Allocation Percent	16.73%
F	Roosevelt Renewable Energy Delivered @ Crossroads	96,743.083	Schedule 2	FF	Milo Renewable Energy Delivered @ Crossroads	19,375.320
G	Roosevelt Retail Power Adjustment (Credit)	2.941	= OO	GG	Milo Retail Power Adjustment (Credit)	2.184
H	Roosevelt Total Energy Delivered to SPS	96,746.024	= F + G	HH	Milo Total Energy Delivered to SPP	19,377.504
Station Power Usage Allocation						
<u>Line Item</u>	<u>Description</u>	<u>MWh</u>	<u>Algorithms</u>		<u>Description</u>	<u>MWh</u>
K	Energy Usage Metered @ Crossroads	34.987	Actual			
L	Roosevelt Energy Usage Metered @ JUSS	31.736	Actual	LL	Milo Energy Usage Metered @ JUSS	11.172
M	Roosevelt Line Loss Attribution	0.00034	Schedule 2	MM	Milo Line Loss Attribution	0.00001
N	Roosevelt Total Energy Usage (Retail Billing SPS to RCEC)	31.736	= L-M	NN	Milo Total Energy Usage (Retail Billing SPS to RCEC)	11.172
O	Roosevelt Energy Credit to Milo Generation	2.184	Schedule 2	OO	Milo Energy Credit to Roosevelt Generation	2.941
P	Roosevelt Total Energy Usage (Retail Billing RCEC to Roosevelt)	31.736	= L+M	PP	Milo Total Energy Usage (Retail Billing RCEC to Milo)	11.172
Notes:						

Authorized Signature on behalf of Milo per Section 4 of the MB Procedures:

Roosevelt Wind Project, LLC
By: EDF Renewable Asset Holdings, Inc., Its Managing Member

By: 
Name: Conor Jarvis
Title: Asset Manager, Generation

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Roosevelt Wind Project, LLC

15445 Innovation Drive
San Diego, CA 92128



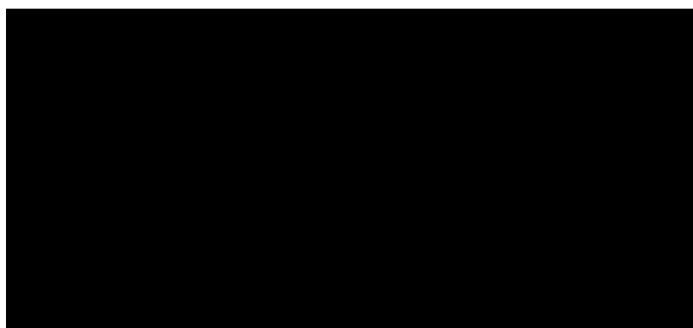
Southwestern Public Service Company
Attn: Bill Watson
1800 Larimer Street, Suite 1000
Denver, CO 80202

Invoice: **0618PROD**
Invoice Date: **7/9/2018**
GENERATION PERIOD: **06/01/2018 - 06/30/2018**

[TRADE SECRET DATA BEGINS...]

Description			Amount
<p>Wind Energy Purchase Agreement dated 07/10/2013 between Southwestern Public Service Company and Roosevelt Wind Ranch, LLC</p> <p>Assigned to Roosevelt Wind Project, LLC on 10/29/2013</p> <p>Invoice calculated per Metering and Billing Procedures and Amendment to Wind Energy Purchase Agreement dated 09/08/2015</p> <p>Commercial Operation Date: 15 December 2015</p>			
June-18	MWh	PPA ENERGY RATE (\$/mWh)	
mWh energy to SPS	102,335	\$20.96	\$ 2,144,935.40
Source of Rate: Per PPA Exhibit J			
Total Due			\$ 2,144,935.40

Wire Payment Instructions:



If you have any questions concerning this invoice, please contact:
Conor Jarvis | (858) 521-3403 | conor.jarvis@edf-re.com

... TRADE SECRET DATA ENDS]

ENERGY ALLOCATION PERCENTAGE FOR BILLING PURPOSES


Source: Metering and Billing Procedures Agreement (effective date: 8 September 2015) Exhibit A (*Pending Update*), Schedule 1 & Stantec Invoice Review Dated 7/8/2016
Agreement counterparties: Southwestern Public Service Company, Roosevelt Wind Project, LLC, Milo Wind Project, LLC

Date Prepared: 7/9/18
Billing Month: June-18

Generation Allocation						
<u>Line Item</u>	<u>Description</u>	<u>MWh</u>	<u>Algorithms</u>	<u>Line Item</u>	<u>Description</u>	<u>MWh</u>
A	Delivered Energy Metered @ Crossroads	122,938.941	Actual			
B	Roosevelt Energy Metered @ JUSS	102,045.122	Actual	BB	Milo Energy Metered @ JUSS	20,618.907
C	Roosevelt Line Loss Attribution	144.380	Schedule 2	CC	Milo Line Loss Attribution	3.235
D	Roosevelt Energy Production After Losses	101,900.742	= B-C	DD	Milo Energy Production After Losses	20,615.672
E	Roosevelt Energy Allocation Percent	83.17%	= D/(D + DD)	EE	Milo Energy Allocation Percent	16.83%
F	Roosevelt Renewable Energy Delivered @ Crossroads	102,332.084	Schedule 2	FF	Milo Renewable Energy Delivered @ Crossroads	20,628.421
G	Roosevelt Retail Power Adjustment (Credit)	2.620	= OO	GG	Milo Retail Power Adjustment (Credit)	20.693
H	Roosevelt Total Energy Delivered to SPS	102,334.704	= F + G	HH	Milo Total Energy Delivered to SPP	20,649.114
Station Power Usage Allocation						
<u>Line Item</u>	<u>Description</u>	<u>MWh</u>	<u>Algorithms</u>		<u>Description</u>	<u>MWh</u>
K	Energy Usage Metered @ Crossroads	8.667	Actual			
L	Roosevelt Energy Usage Metered @ JUSS	28.310	Actual	LL	Milo Energy Usage Metered @ JUSS	5.318
M	Roosevelt Line Loss Attribution	0.00010	Schedule 2	MM	Milo Line Loss Attribution	0.00000
N	Roosevelt Total Energy Usage (Retail Billing SPS to RCEC)	28.310	= L-M	NN	Milo Total Energy Usage (Retail Billing SPS to RCEC)	5.318
O	Roosevelt Energy Credit to Milo Generation	20.693	Schedule 2	OO	Milo Energy Credit to Roosevelt Generation	2.620
P	Roosevelt Total Energy Usage (Retail Billing RCEC to Roosevelt)	28.310	= L+M	PP	Milo Total Energy Usage (Retail Billing RCEC to Milo)	5.318
Notes:						

Authorized Signature on behalf of Milo per Section 4 of the MB Procedures:

Roosevelt Wind Project, LLC
By: EDF Renewable Asset Holdings, Inc., Its Managing Member

By: 
Name: Conor Jarvis
Title: Manager, Generation

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Roosevelt Wind Project, LLC

15445 Innovation Drive
 San Diego, CA 92128



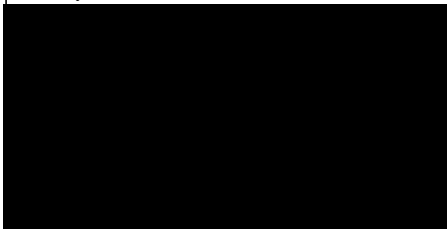
Southwestern Public Service Company
 Attn: Bill Watson
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

Invoice: **0818PROD**
 Invoice Date: **9/6/2018**
 GENERATION PERIOD: **08/01/2018 - 08/31/2018**

[TRADE SECRET DATA BEGINS...]

Description			Amount
Wind Energy Purchase Agreement dated 07/10/2013 between Southwestern Public Service Company and Roosevelt Wind Ranch, LLC Assigned to Roosevelt Wind Project, LLC on 10/29/2013 Invoice calculated per Metering and Billing Procedures and Amendment to Wind Energy Purchase Agreement dated 09/08/2015 Commercial Operation Date: 15 December 2015			
August-18	MWh	PPA ENERGY RATE (\$/mWh)	
mWh energy to SPS	59,807	\$20.96	\$ 1,253,555.00
Source of Rate: Per PPA Exhibit J			
Total Due			\$ 1,253,555.00

Wire Payment Instructions:



If you have any questions concerning this invoice, please contact:
 Conor Jarvis | (858) 521-3403 | conor.jarvis@edf-re.com

... TRADE SECRET DATA ENDS]

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Roosevelt Wind Project, LLC

15445 Innovation Drive
 San Diego, CA 92128



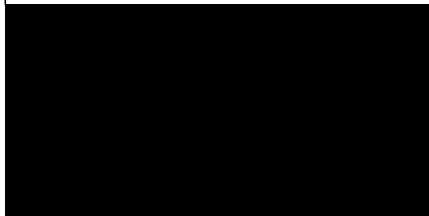
Southwestern Public Service Company
 Attn: Bill Watson
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

Invoice: **0918PROD**
 Invoice Date: **10/10/2018**
 GENERATION PERIOD: **09/01/2018 - 09/30/2018**

[TRADE SECRET DATA BEGINS...]

Description			Amount
Wind Energy Purchase Agreement dated 07/10/2013 between Southwestern Public Service Company and Roosevelt Wind Ranch, LLC Assigned to Roosevelt Wind Project, LLC on 10/29/2013 Invoice calculated per Metering and Billing Procedures and Amendment to Wind Energy Purchase Agreement dated 09/08/2015 Commercial Operation Date: 15 December 2015			
September-18	MWh	PPA ENERGY RATE (\$/mWh)	
mWh energy to SPS	71,937	\$20.96	\$ 1,507,803.81
Source of Rate: Per PPA Exhibit J			
Total Due			\$ 1,507,803.81

Wire Payment Instructions:



If you have any questions concerning this invoice, please contact:
 Conor Jarvis | (858) 521-3403 | conor.jarvis@edf-re.com

... TRADE SECRET DATA ENDS]

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Roosevelt Wind Project, LLC

15445 Innovation Drive
 San Diego, CA 92128



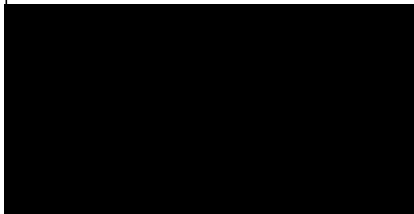
Southwestern Public Service Company
 Attn: Bill Watson
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

Invoice: **1018PROD**
 Invoice Date: **11/7/2018**
 GENERATION PERIOD: **10/01/2018 - 10/31/2018**

[TRADE SECRET DATA BEGINS...]

Description			Amount
Wind Energy Purchase Agreement dated 07/10/2013 between Southwestern Public Service Company and Roosevelt Wind Ranch, LLC Assigned to Roosevelt Wind Project, LLC on 10/29/2013 Invoice calculated per Metering and Billing Procedures and Amendment to Wind Energy Purchase Agreement dated 09/08/2015 Commercial Operation Date: 15 December 2015			
October-18	MWh	PPA ENERGY RATE (\$/mWh)	
mWh energy to SPS	71,135	\$20.96	\$ 1,490,989.58
Source of Rate: Per PPA Exhibit J			
Total Due			\$ 1,490,989.58

Wire Payment Instructions:



If you have any questions concerning this invoice, please contact:
 Conor Jarvis | (858) 521-3403 | conor.jarvis@edf-re.com

... TRADE SECRET DATA ENDS]

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Roosevelt Wind Project, LLC

15445 Innovation Drive
 San Diego, CA 92128



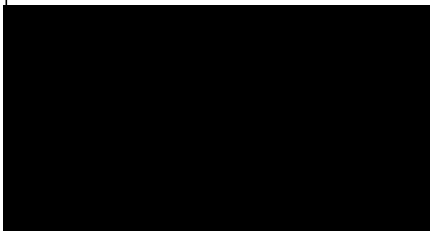
Southwestern Public Service Company
 Attn: Bill Watson
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

Invoice: **1118PROD**
 Invoice Date: **12/17/2018**
 GENERATION PERIOD: **11/01/2018 - 11/30/2018**

[TRADE SECRET DATA BEGINS...]

Description			Amount
Wind Energy Purchase Agreement dated 07/10/2013 between Southwestern Public Service Company and Roosevelt Wind Ranch, LLC Assigned to Roosevelt Wind Project, LLC on 10/29/2013 Invoice calculated per Metering and Billing Procedures and Amendment to Wind Energy Purchase Agreement dated 09/08/2015 Commercial Operation Date: 15 December 2015			
November-18	MWh	PPA ENERGY RATE (\$/mWh)	
mWh energy to SPS	76,929	\$20.96	\$ 1,612,428.06
Source of Rate: Per PPA Exhibit J			
Total Due			\$ 1,612,428.06

Wire Payment Instructions:



If you have any questions concerning this invoice, please contact:
 Conor Jarvis | (858) 521-3403 | conor.jarvis@edf-re.com

... TRADE SECRET DATA ENDS]

Invoice



Roswell Solar, LLC
 Tax ID # 47-2965975
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: **416425**
 Counterparty: **Southwestern Public Service Company**
 Date: **Mar 02, 2018**
 Period: **Feb 01, 2018 - Feb 28, 2018**
 Amount: **\$483,519.19 USD**
 Due Date: **Mar 23, 2018**

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA			
	Sell	\$ 483,519.19	USD
	GENPPA Subtotal	\$ 483,519.19	USD
	TOTAL	\$ 483,519.19	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1727921	09/30/16	02/01/18 - 02/28/18		ELECTRIC	PPA Curtailment [PPA Curtailment]	(386.20)	MW/h	\$35.4800	\$13,702.47	USD
	1727921	09/30/16	02/01/18 - 02/28/18		ELECTRIC	Energy Charge for 7x24	(13,241.73)	MW/h	\$35.4800	\$469,816.72	USD
					Sell Subtotal					\$483,519.19	USD
					GENPPA Subtotal					\$483,519.19	USD
					TOTAL					\$483,519.19	USD

Page 2429 of 8272
 P/E-4(CD)
 for: Freitas
 Rate Case

Invoice



Roswell Solar, LLC
Tax ID # 47-2965975

Invoice: **416425**

Counterparty: **Southwestern Public Service Company**

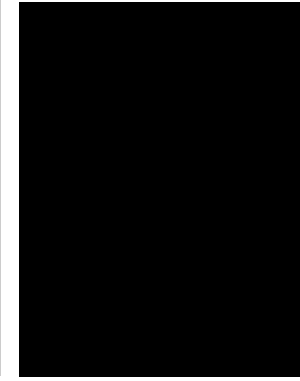
Date: **Mar 02, 2018**

Period: **Feb 01, 2018 - Feb 28, 2018**

Amount: **\$483,519.19 USD**

Due Date: **Mar 23, 2018**

Payment Details



ACH

Bank:

Acct Name: **Roswell Solar, LLC**

ABA #:

Account #:

Addr Code:

Reference: Further credit to 6712188101 Roadrunner Proj Rev Coll Acct"

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Roswell Solar, LLC
 Tax ID # 47-2965975
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 421888

Counterparty: Southwestern Public Service Company

Date: Apr 04, 2018

Period: Mar 01, 2018 - Mar 31, 2018

Amount: \$630,937.88 USD

Due Date: Apr 25, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA			
	Sell	\$ 630,937.88	USD
	GENPPA Subtotal	\$ 630,937.88	USD
	TOTAL	\$ 630,937.88	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1727921	09/30/16	03/01/18	03/31/18	ELECTRIC	PPA Curtailment [PPA Curtailment]	(660.44)	MW/h	\$35.4800	\$23,432.42	USD
	1727921	09/30/16	03/01/18	03/31/18	ELECTRIC	Energy Charge for 7x24	(17,122.48)	MW/h	\$35.4800	\$607,505.46	USD
					Sell Subtotal					\$630,937.88	USD
					GENPPA Subtotal					\$630,937.88	USD
					TOTAL					\$630,937.88	USD

P/E-4(CD)
 Page 2 of 31 of 8272
 for: Freitas
 Rate Case

Invoice



Roswell Solar, LLC

Tax ID # 47-2965975

Invoice: **421888**

Counterparty: **Southwestern Public Service Company**

Date: **Apr 04, 2018**

Period: **Mar 01, 2018 - Mar 31, 2018**

Amount: **\$630,937.88 USD**

Due Date: **Apr 25, 2018**

Payment Details



ACH

Bank:

Acct Name: **Roswell Solar, LLC**

ABA #:

Account #:

Addr Code:

Reference: Further credit to 6712188101 Roadrunner Proj Rev Coll Acct"

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Roswell Solar, LLC
Tax ID # 47-2965975

Invoice: 430911

Counterparty: Southwestern Public Service Company

Date: Jun 04, 2018

Period: May 01, 2018 - May 31, 2018

Amount: \$764,922.79 USD

Due Date: Jun 25, 2018

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
POWER											

Sell

Sell Subtotal	\$1,385.85	USD
POWER Subtotal	\$1,385.85	USD
TOTAL	\$764,922.79	USD

WP/E-4(CD)
Page 2434 of 8272
Sponsor: Freitas
2019 TX Rate Case

Invoice



Roswell Solar, LLC

Tax ID # 47-2965975

Invoice: 430911

Counterparty: Southwestern Public Service Company

Date: Jun 04, 2018

Period: May 01, 2018 - May 31, 2018

Amount: \$764,922.79 USD

Due Date: Jun 25, 2018

Payment Details

Wire

ACH

Bank:

Acct Name: Roswell Solar, LLC

ABA #:

Account #:

Addr Code:



Reference: Further credit to 6712188101 Roadrunner Proj Rev Coll Acct"

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

WP/E-4(CD)

Page 2435 of 8272

Sponsor: Freitas

019 TX Rate Case

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Roswell Solar, LLC
 Tax ID # 47-2965975
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 436419
 Counterparty: Southwestern Public Service Company
 Date: Jul 03, 2018
 Period: Jun 01, 2018 - Jun 30, 2018
 Amount: \$727,890.72 USD
 Due Date: Jul 26, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA			
	Sell	\$ 727,890.72	USD
	GENPPA Subtotal	\$ 727,890.72	USD
	TOTAL	\$ 727,890.72	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell	1727921	09/30/16	06/01/18 - 06/30/18		ELECTRIC	Energy Charge for 7x24	(20,480.12)	MW/h	\$35.4800	\$726,634.73	USD
	2275993	06/30/18	06/01/18 - 06/30/18		ELECTRIC	PPA Curtailment	(35.40)	MW/h	\$35.4800	\$1,255.99	USD
					Sell Subtotal					\$727,890.72	USD
					GENPPA Subtotal					\$727,890.72	USD
					TOTAL					\$727,890.72	USD

P/E-4(CD)
 Page 2 of 8272
 for: Freitas
 Rate Case

Invoice



Roswell Solar, LLC

Tax ID # 47-2965975

Invoice: 436419

Counterparty: Southwestern Public Service Company

Date: Jul 03, 2018

Period: Jun 01, 2018 - Jun 30, 2018

Amount: \$727,890.72 USD

Due Date: Jul 26, 2018

Payment Details

Wire

ACH

Bank:

Acct Name: Roswell Solar, LLC

ABA #:

Account #:

Addr Code:

Reference: Further credit to 6712188101 Roadrunner Proj Rev Coll Acct"

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Roswell Solar, LLC
Tax ID # 47-2965975
700 Universe Blvd
Juno Beach, FL 33408

Invoice: **442317**

Counterparty: **Southwestern Public Service Company**

Date: **Aug 03, 2018**

Period: **Jul 01, 2018 - Jul 31, 2018**

Amount: **\$683,477.22 USD**

Due Date: **Aug 24, 2018**

Invoice To

Southwestern Public Service Company
Attn: Settlements Administrator

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA			
	Sell	\$ 683,477.22	USD
	GENPPA Subtotal	\$ 683,477.22	USD
	TOTAL	\$ 683,477.22	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
Sell	1727921	09/30/16	07/01/18	07/31/18	ELECTRIC	Energy Charge for 7x24	(19,263.73)	MW/h	\$35.4800	\$683,477.22	USD
					Sell Subtotal					\$683,477.22	USD
					GENPPA Subtotal					\$683,477.22	USD
					TOTAL					\$683,477.22	USD

WP/E-4(CD)
Page 2438 of 8272
Sponsor: Freitas
01 TX Rate Case

Invoice



Roswell Solar, LLC

Tax ID # 47-2965975

Invoice: **442317**

Counterparty: **Southwestern Public Service Company**

Date: **Aug 03, 2018**

Period: **Jul 01, 2018 - Jul 31, 2018**

Amount: **\$683,477.22 USD**

Due Date: **Aug 24, 2018**

Payment Details

Wire

ACH

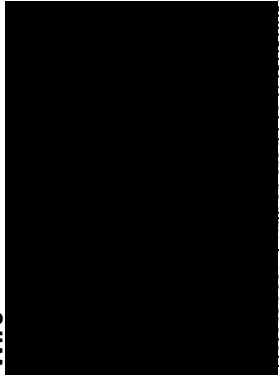
Bank:

Acct Name: **Roswell Solar, LLC**

ABA #:

Account #:

Addr Code:



Reference: Further credit to 6712188101 Roadrunner Proj Rev Coll Acct"

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

WP/E-4(CD)

Page 2439 of 8272

Sponsor: Freitas

019 TX Rate Case

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Roswell Solar, LLC
 Tax ID # 47-2965975
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: **448672**

Counterparty: **Southwestern Public Service Company**

Date: **Sep 06, 2018**

Period: **Aug 01, 2018 - Aug 31, 2018**

Amount: **\$658,135.15 USD**

Due Date: **Sep 27, 2018**

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA			
	Sell	\$ 658,135.15	USD
	GENPPA Subtotal	\$ 658,135.15	USD
	TOTAL	\$ 658,135.15	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
Sell	1727921	09/30/16	08/01/18	08/31/18	ELECTRIC	Energy Charge for 7x24	(18,549.47)	MW/h	\$35.4800	\$658,135.15	USD
					Sell Subtotal					\$658,135.15	USD
					GENPPA Subtotal					\$658,135.15	USD
					TOTAL					\$658,135.15	USD

WP/E-4(CD)
 Page 2440 of 8272
 Sponsor: Freitas
 TX Rate Case

Invoice



Roswell Solar, LLC

Tax ID # 47-2965975

Invoice: **448672**

Counterparty: **Southwestern Public Service Company**

Date: **Sep 06, 2018**

Period: **Aug 01, 2018 - Aug 31, 2018**

Amount: **\$658,135.15 USD**

Due Date: **Sep 27, 2018**

Payment Details

Wire

ACH

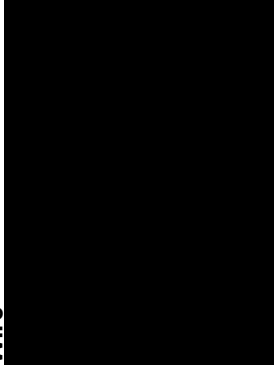
Bank:

Acct Name: **Roswell Solar, LLC**

ABA #:

Account #:

Addr Code:



Reference: Further credit to 6712188101 Roadrunner Proj Rev Coll Acct"

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

WP/E-4(CD)

Page 2441 of 8272

Sponsor: Freitas

019 TX Rate Case

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com

Invoice



Roswell Solar, LLC
 Tax ID # 47-2965975
 700 Universe Blvd
 Juno Beach, FL 33408

Invoice: 453490

Counterparty: Southwestern Public Service Company

Date: Oct 03, 2018

Period: Sep 01, 2018 - Sep 30, 2018

Amount: \$565,063.82 USD

Due Date: Oct 24, 2018

Invoice To

Southwestern Public Service Company
 Attn: Settlements Administrator

Summary

Deal Type	Deal Direction	Amount Due	Currency
GENPPA			
	Sell	\$ 565,063.82	USD
	GENPPA Subtotal	\$ 565,063.82	USD
	TOTAL	\$ 565,063.82	USD

Details

Type	Deal #	Trade Dt	Start Dt	End Dt	Commodity	Description	Volume	UoM	Price	Amount Due	Curr
GENPPA											
Sell											
	1727921	09/30/16	09/01/18 - 09/30/18	09/30/18	ELECTRIC	Energy Charge for 7x24	(15,855.78)	MW/h	\$35.4800	\$562,563.19	USD
	2355355	10/03/18	09/01/18 - 09/30/18	09/30/18	ELECTRIC	PPA Curtailment	(70.48)	MW/h	\$35.4800	\$2,500.63	USD
					Sell Subtotal					\$565,063.82	USD
					GENPPA Subtotal					\$565,063.82	USD
					TOTAL					\$565,063.82	USD

P/E-4(CD)
 Page 2442 of 8272
 Book for: Freitas
 Rate Case

Invoice



Roswell Solar, LLC

Tax ID # 47-2965975

Invoice: 453490

Counterparty: Southwestern Public Service Company

Date: Oct 03, 2018

Period: Sep 01, 2018 - Sep 30, 2018

Amount: \$565,063.82 USD

Due Date: Oct 24, 2018

Payment Details

Wire

ACH

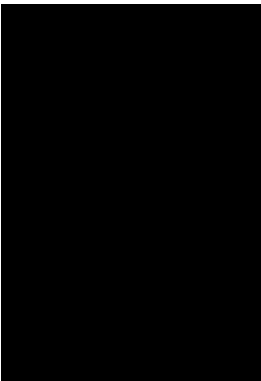
Bank:

Acct Name: Roswell Solar, LLC

ABA #:

Account #:

Addr Code:



Reference: Further credit to 6712188101 Roadrunner Proj Rev Coll Acct"

If you have any questions, please contact Heather Davie at NEER-Revenue-Team@nee.com (email). If remitting an amount different than the total billed, please email the appropriate supporting documents.

WP/E-4(CD)

Page 2443 of 8272

Sponsor: Freitas

019 TX Rate Case

Please notify NextEra Cash Management upon payment at NextEra-Energy-Cash.SharedMailbox@nexteraenergy.com



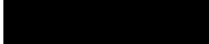
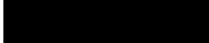
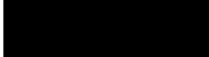
Southwestern Public Service Company

Remittance Statement

San Juan Mesa Wind Project, LLC ✓
1000 Main Street, 19th Floor ✓
Houston, TX 77002 ✓

Remittance No : 48119 ✓
Remittance Date : 01/08/2018 ✓
Due Date : 01/22/2018 ✓

Remit To

Bank Name : Citibank N.A. ✓
Wire ABA : 
ACH ABA : 
Account No : 
San Juan Mesa Wind Project LLC

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2017-12 ✓	34,424 ✓	MWh	\$32.28000	\$1,111,206.72
Total					\$1,111,206.72



SAN JUAN MESA WIND PROJECT, LLC

1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

January 4, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: SPS-REPA1506

Invoice Date: January 4, 2018

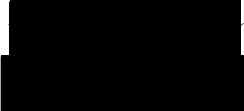
Purpose: Payment for electricity for December 2017 pursuant to REPA dated February 28, 2005.

Amount Due: Commercial Operations Energy - \$ 1,111,206.72 ✓

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

San Juan Mesa Wind Project LLC



Ref: Electric Revenue Invoice # SPS-REPA1506

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Meter readings were provided by Kaitlin Dennehy in email dated 1-2-2018. See attachment.

Commercial Operations Energy for December 2017 of 34,424 MWh at \$32.28/MWh equals \$1,111,206.72

San Juan

Commercial Operation Energy Billing

Metering Energization Date	December 22, 2005 COD
Billing Month	December-17
Meter Read Date	
#1 Commercial Operation Renewable Rate	\$32.28 /mWh ✓
#2 Commercial Operation Energy	34,424 mWh ✓
Commercial Operation Energy Payment (#1 x #2)	\$1,111,206.72

Total Payment Due **\$1,111,206.72 *** ✓

* Payment subject to adjustment for REC Certification and net energy for housepower.



SAN JUAN MESA WIND PROJECT, LLC

1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

February 2, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: SPS-REPA1506

Invoice Date: February 2, 2018

Purpose: Payment for electricity for January 2018 pursuant to REPA dated February 28, 2005.

Amount Due: Commercial Operations Energy - \$ 1,283,931.49

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

San Juan Mesa Wind Project LLC



Ref: Electric Revenue Invoice # SPS-REPA1506

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Meter readings were provided by Kaitlin Dennehy in email dated 2-2-2018. See attachment.

Commercial Operations Energy for January 2018 of 38,808 MWh at \$33.09/MWh equals \$1,283,931.49

San Juan

Commercial Operation Energy Billing

Metering Energization Date	December 22, 2005 COD
Billing Month	January-18
Meter Read Date	January 31, 2018
#1 Commercial Operation Renewable Rate	\$33.08 /mWh
#2 Commercial Operation Energy	38,808 mWh
Commercial Operation Energy Payment (#1 x #2)	\$1,283,931.49
Total Payment Due	\$1,283,931.49 *
	\$ (1,283,931.49)

* Payment subject to adjustment for REC Certification and net energy for housepower.



SAN JUAN MESA WIND PROJECT, LLC

1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

March 5, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: SPS-REPA1506

Invoice Date: March 5, 2018

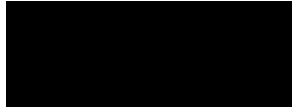
Purpose: Payment for electricity for February 2018 pursuant to REPA dated February 28, 2005.

Amount Due: Commercial Operations Energy - \$ 1,377,723.17

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

San Juan Mesa Wind Project LLC



Ref: Electric Revenue Invoice # SPS-REPA1506

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Meter readings were provided by Bill Watson in email dated 3-1-2018. See attachment.

Commercial Operations Energy for February 2018 of 41,643 MWh at \$33.09/MWh equals \$1,377,723.17

San Juan

Commercial Operation Energy Billing

Metering Energization Date	December 22, 2005	COD
Billing Month	February-18	
Meter Read Date		
#1 Commercial Operation Renewable Rate	\$33.08	/mWh
#2 Commercial Operation Energy	41,643	mWh
Commercial Operation Energy Payment (#1 x #2)	\$1,377,723.17	
Total Payment Due	\$1,377,723.17	*

* Payment subject to adjustment for REC Certification and net energy for housepower.



SAN JUAN MESA WIND PROJECT, LLC

1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

April 4, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: SPS-REPA1506

Invoice Date: April 4, 2018

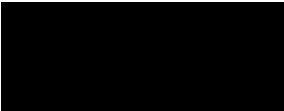
Purpose: Payment for electricity for March 2018 pursuant to REPA dated February 28, 2005.

Amount Due: Commercial Operations Energy - \$ 1,294,698.98

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

San Juan Mesa Wind Project LLC



Ref: Electric Revenue Invoice # SPS-REPA1506

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Meter readings were provided by Bill Watson in email dated 4-1-2018. See attachment.

Commercial Operations Energy for March 2018 of 39,133 MWh at \$33.09/MWh equals \$1,294,698.98

San Juan

Commercial Operation Energy Billing

Metering Energization Date	December 22, 2005	COD
Billing Month	March-18	
Meter Read Date		
#1 Commercial Operation Renewable Rate	\$33.08	/mWh
#2 Commercial Operation Energy	39,133.376	mWh
Commercial Operation Energy Payment (#1 x #2)	\$1,294,698.98	
Total Payment Due	\$1,294,698.98	*

* Payment subject to adjustment for REC Certification and net energy for housepower.



SAN JUAN MESA WIND PROJECT, LLC

1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

May 3, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: SPS-REPA1506

Invoice Date: May 3, 2018

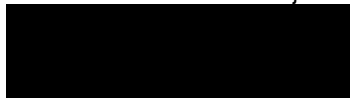
Purpose: Payment for electricity for April 2018 pursuant to REPA dated February 28, 2005.

Amount Due: Commercial Operations Energy - \$ 1,534,933.48

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

San Juan Mesa Wind Project LLC



Ref: Electric Revenue Invoice # SPS-REPA1506

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Meter readings were provided by Bill Watson in email dated 4-1-2018. See attachment.

Commercial Operations Energy for April 2018 of 46,394 MWh at \$33.09/MWh equals \$1,534,933.48

San Juan

Commercial Operation Energy Billing

Metering Energization Date	December 22, 2005 COD
Billing Month	April-18
Meter Read Date	
#1 Commercial Operation Renewable Rate	\$33.08 /mWh
#2 Commercial Operation Energy	46,394.668 mWh
Commercial Operation Energy Payment (#1 x #2)	\$1,534,933.49
Total Payment Due	\$1,534,933.48 *

* Payment subject to adjustment for REC Certification and net energy for housepower.



SAN JUAN MESA WIND PROJECT, LLC

1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

June 5, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: SPS-REPA1506

Invoice Date: June 5, 2018

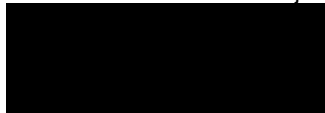
Purpose: Payment for electricity for May 2018 pursuant to REPA dated February 28, 2005.

Amount Due: Commercial Operations Energy - \$ 1,144,700.59

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

San Juan Mesa Wind Project LLC



Ref: Electric Revenue Invoice # SPS-REPA1506

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Meter readings were provided by Bill Watson in email dated 6-1-2018. See attachment.

Commercial Operations Energy for May 2018 of 34,599 MWh at \$33.09/MWh equals \$1,144,700.59

San Juan

Commercial Operation Energy Billing

Metering Energization Date	December 22, 2005 COD
Billing Month	May-18
Meter Read Date	
#1 Commercial Operation Renewable Rate	\$33.08 /mWh
#2 Commercial Operation Energy	34,599.547 mWh
Commercial Operation Energy Payment (#1 x #2)	\$1,144,700.59
Total Payment Due	\$1,144,700.59 *

* Payment subject to adjustment for REC Certification and net energy for housepower.



SAN JUAN MESA WIND PROJECT, LLC

1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

July 5, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: SPS-REPA1506

Invoice Date: July 5, 2018

Purpose: Payment for electricity for June 2018 pursuant to REPA dated February 28, 2005.

Amount Due: Commercial Operations Energy - \$ 1,280,137.81

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

San Juan Mesa Wind Project LLC



Ref: Electric Revenue Invoice # SPS-REPA1506

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Meter readings were provided by Bill Watson in email dated 7-3-2018. See attachment.

Commercial Operations Energy for June 2018 of 38,693 MWh at \$33.09/MWh equals \$1,280,173.81

San Juan

Commercial Operation Energy Billing

Metering Energization Date	December 22, 2005 COD
Billing Month	June-18
Meter Read Date	
#1 Commercial Operation Renewable Rate	\$33.08 / mWh
#2 Commercial Operation Energy	38,693.252 mWh
Commercial Operation Energy Payment (#1 x #2)	\$1,280,137.81
Total Payment Due	\$1,280,137.81 *

* Payment subject to adjustment for REC Certification and net energy for housepower.



SAN JUAN MESA WIND PROJECT, LLC

910 Louisiana Street
Houston, TX 77002

INVOICE

August 2, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: SPS-REPA1506

Invoice Date: August 2, 2018

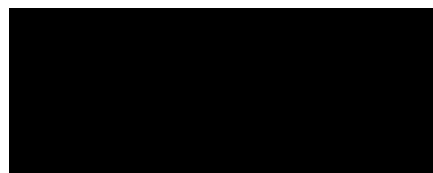
Purpose: Payment for electricity for July 2018 pursuant to REPA dated February 28, 2005.

Amount Due: Commercial Operations Energy - \$ 775,609.73

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

San Juan Mesa Wind Project LLC



Ref: Electric Revenue Invoice # SPS-REPA1506

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Meter readings were provided by Bill Watson in email dated 8-1-2018. See attachment.

Commercial Operations Energy for July 2018 of 23,443 MWh at \$33.09/MWh equals \$775,609.73

San Juan

Commercial Operation Energy Billing

Metering Energization Date	December 22, 2005 COD
Billing Month	July-18
Meter Read Date	
#1 Commercial Operation Renewable Rate	\$33.08 / mWh
#2 Commercial Operation Energy	23,443.46 mWh
Commercial Operation Energy Payment (#1 x #2)	\$775,609.73
Total Payment Due	\$775,609.73 *

* Payment subject to adjustment for REC Certification and net energy for housepower.



SAN JUAN MESA WIND PROJECT, LLC

910 Louisiana Street
Houston, TX 77002

INVOICE

September 7, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: SPS-REPA1506

Invoice Date: September 7, 2018

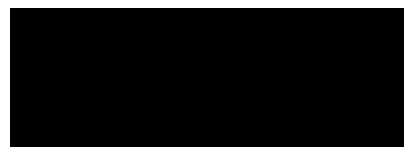
Purpose: Payment for electricity for August 2018 pursuant to REPA dated February 28, 2005.

Amount Due: Commercial Operations Energy - \$ 797,537.68

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

San Juan Mesa Wind Project LLC



Ref: Electric Revenue Invoice # SPS-REPA1506

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Meter readings were provided by Bill Watson in email dated 8-1-2018. See attachment.

Commercial Operations Energy for August 2018 of 24,106 MWh at \$33.09/MWh equals \$797,537.68



SAN JUAN MESA WIND PROJECT, LLC

910 Louisiana Street
Houston, TX 77002

INVOICE

October 4, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: SPS-REPA1506

Invoice Date: October 4, 2018

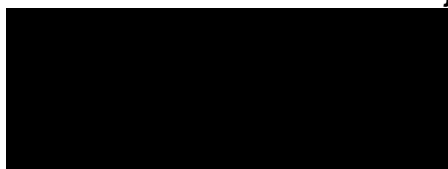
Purpose: Payment for electricity for September 2018 pursuant to REPA dated February 28, 2005.

Amount Due: Commercial Operations Energy - \$ 910,954.79

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

San Juan Mesa Wind Project LLC



Ref: Electric Revenue Invoice # SPS-REPA1506

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Meter readings were provided by Bill Watson in email dated 10-1-2018. See attachment.

Commercial Operations Energy for September 2018 of 27,534 MWh at \$33.09/MWh equals \$910,954.79

San Juan

Commercial Operation Energy Billing

Metering Energization Date	December 22, 2005 COD
Billing Month	September-18
Meter Read Date	
#1 Commercial Operation Renewable Rate	\$33.08 / mWh
#2 Commercial Operation Energy	27,534.382 mWh
Commercial Operation Energy Payment (#1 x #2)	\$910,954.79

Total Payment Due \$910,954.79 *

* Payment subject to adjustment for REC Certification and net energy for housepower.



SAN JUAN MESA WIND PROJECT, LLC

910 Louisiana Street
Houston, TX 77002

INVOICE

December 10, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: SPS-REPA1506

Invoice Date: December 10, 2018

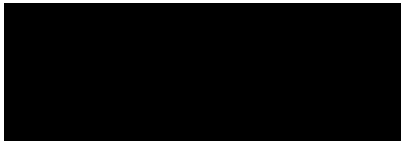
Purpose: Payment for electricity for November 2018 pursuant to REPA dated February 28, 2005.

Amount Due: Commercial Operations Energy - \$ 1,199,111.16

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

San Juan Mesa Wind Project LLC



Ref: Electric Revenue Invoice # SPS-REPA1506

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Meter readings were provided by Bill Watson in email dated 12-1-2018. See attachment.

Commercial Operations Energy for November 2018 of 36,244 MWh at \$33.09/MWh equals \$1,119,111.16

San Juan

Commercial Operation Energy Billing

Metering Energization Date	December 22, 2005 COD
Billing Month	November-18
Meter Read Date	
#1 Commercial Operation Renewable Rate	\$33.08 / mWh
#2 Commercial Operation Energy	36,244.153 mWh
Commercial Operation Energy Payment (#1 x #2)	\$1,199,111.16
Total Payment Due	\$1,199,111.16 *

* Payment subject to adjustment for REC Certification and net energy for housepower.



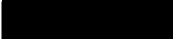
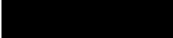
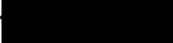
Southwestern Public Service Company

Remittance Statement

Spinning Spur Wind, LLC
 15445 INNOVATION DR
 San Diego, CA 92128
 858.521.3333 Dwyne.Igau@edf-re.com

Remittance No : 48126
Remittance Date : 01/08/2018 ✓
Due Date : 01/22/2018 ✓

Remit To

Bank Name : Wells Fargo Bank
 Wire ABA : 
 ACH ABA : 
 Account No : 
 420 Montgomery Street
 San Francisco, CA 94104

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2017-12 ✓	52,188	MWh	\$37.43477	\$1,953,646.00
Curtailment	2017-12 ✓				\$57,887.30
Energy Cost	2017-12 ✓				-\$74.20
Total					\$2,011,459.10 ✓

price change

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Spinning Spur Wind, LLC

15445 Innovation Drive
San Diego, CA 92128

Southwestern Public Service Company
Attn: Kaitlin Dennehy
1800 Larimer Street, Suite 1000
Denver, CO 80202

Invoice: 1217PROD
Invoice Date: 1/2/2018

[TRADE SECRET DATA BEGINS...]

Description			Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012			
December-17	MWh	PPA ENERGY RATE (\$/MWh)	
MWh energy to SPS (December 1-12)	20,295	\$35.60	\$ 722,502.00
MWh energy to SPS (December 13-31)	31,893	\$38.60	\$ 1,231,069.80
Source of Rate: Per PPA Article 8 Section 8.1			
Total Due			\$ 1,953,571.80

Wire Payment Instructions:

Wells Fargo Bank
420 Montgomery St.
San Francisco, CA 94104

If you have any questions concerning this invoice, please contact:
Conor Jarvis (858) 521-3403

... TRADE SECRET DATA ENDS]

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Spinning Spur Wind, LLC

15445 Innovation Drive
San Diego, CA 92128

Southwestern Public Service Company
Attn: Kaitlin Dennehy
1800 Larimer Street, Suite 1000
Denver, CO 80202

Invoice: 1217 CURT
Invoice Date: 1/2/2018

[TRADE SECRET DATA BEGINS...]

Description			Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012			
December-17	MWh	PPA ENERGY RATE (\$/mWh)	
MWh Curtailed (includes PTC gross-up)	31.0	\$ 76.10	2,359.10
MWh Curtailed (includes PTC gross-up)	702.0	\$ 79.10	55,528.20
Source of Rate: Per PPA Article 8 Section 8.1			
Total Due			\$ 57,887.30

Wire Payment Instructions:

Wells Fargo Bank
420 Montgomery St.
San Francisco, CA 94104

If you have any questions concerning this invoice, please contact:
Conor Jarvis (858) 521-3403

... TRADE SECRET DATA ENDS]

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

2019 TX Rate Case

Spinning Spur Wind, LLC
15445 Innovation Drive
San Diego, CA 92128

Southwestern Public Service Company
Attn: Kaitlin Dennehy
1800 Larimer Street, Suite 1000
Denver, CO 80202

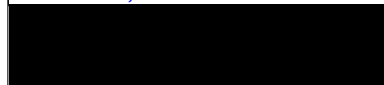
Invoice: **0118PROD**
Invoice Date: **2/5/2018**

/TRADE SECRET DATA BEGINS...

Description			Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012			
January-18	MWh	PPA ENERGY RATE (\$/MWh)	
MWh energy to SPS	64,026	\$38.60	\$ 2,471,403.60
Source of Rate: Per PPA Article 8 Section 8.1			
Total Due			\$ 2,471,403.60

Wire Payment Instructions:

Wells Fargo Bank
420 Montgomery St.
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact:
Conor Jarvis (858) 521-3403

... TRADE SECRET DATA ENDS/

Spinning Spur Wind, LLC
15445 Innovation Drive
San Diego, CA 92128

Southwestern Public Service Company
Attn: Kaitlin Dennehy
1800 Larimer Street, Suite 1000
Denver, CO 80202

Invoice: **0218PROD**
Invoice Date: **3/2/2018**

/TRADE SECRET DATA BEGINS...

Description			Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012			
February-18	MWh	PPA ENERGY RATE (\$/MWh)	
MWh energy to SPS	63.374	\$38.60	\$ 2,446,236.40
Source of Rate: Per PPA Article 8 Section 8.1			
Total Due			\$ 2,446,236.40

Wire Payment Instructions:

Wells Fargo Bank
420 Montgomery St.
San Francisco, CA 94104

If you have any questions concerning this invoice, please contact:
Conor Jarvis (858) 521-3403

... TRADE SECRET DATA ENDS

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Spinning Spur Wind, LLC
15445 Innovation Drive
San Diego, CA 92128



Southwestern Public Service Company
Attn: Bill Watson
1800 Larimer Street, Suite 1000
Denver, CO 80202

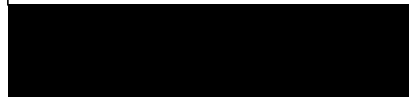
Invoice: **318 PROD**
Invoice Date: **4/2/2018**

[TRADE SECRET DATA BEGINS..]

Description				Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012				
	March-18	MWh	PPA ENERGY RATE (\$/MWh)	
MWh energy to SPS		67,896.975	\$38.60	\$ 2,620,823.24
Source of Rate: Per PPA Article 8 Section 8.1				
Total Due				\$ 2,620,823.24

Wire Payment Instructions:

Wells Fargo Bank
420 Montgomery St.
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact:
Conor Jarvis | conor.jarvis@edf-re.com | (858) 521-3403

... TRADE SECRET DATA ENDS]

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Spinning Spur Wind, LLC

15445 Innovation Drive
 San Diego, CA 92128



Southwestern Public Service Company
 Attn: Bill Watson
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

Invoice: **418 PROD**
 Invoice Date: **5/2/2018**
 Due Date: **5/23/2018**

[TRADE SECRET DATA BEGINS...]

Description				Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012				
	April-18	MWh	PPA ENERGY RATE (\$/MWh)	
MWh energy to SPS		75,189.929	\$38.60	\$ 2,902,331.26
Source of Rate: Per PPA Article 8 Section 8.1				
Total Due				\$ 2,902,331.26

Wire Payment Instructions:

Wells Fargo Bank
420 Montgomery St.
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact:
 Conor Jarvis | conor.jarvis@edf-re.com | (858) 521-3403

... TRADE SECRET DATA ENDS]

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Spinning Spur Wind, LLC

15445 Innovation Drive
 San Diego, CA 92128



Southwestern Public Service Company
 Attn: Bill Watson
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

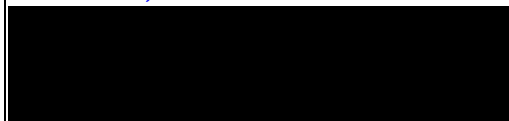
Invoice: **518 PROD**
 Invoice Date: **6/4/2018**
 Due Date: **6/25/2018**

/TRADE SECRET DATA BEGINS...

Description			Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012			
	May-18	MWh	PPA ENERGY RATE (\$/MWh)
MWh energy to SPS	66,261.780	\$38.60	\$ 2,557,704.71
Source of Rate: Per PPA Article 8 Section 8.1			
Total Due			\$ 2,557,704.71

Wire Payment Instructions:

Wells Fargo Bank
 420 Montgomery St.
 San Francisco, CA 94104



If you have any questions concerning this invoice, please contact:
 Conor Jarvis | conor.jarvis@cdf-re.com | (858) 521-3403

... TRADE SECRET DATA ENDS

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Spinning Spur Wind, LLC

15445 Innovation Drive
 San Diego, CA 92128



Southwestern Public Service Company
 Attn: Bill Watson
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

Invoice: **618 PROD**
 Invoice Date: **7/2/2018**
 Due Date: **7/23/2018**

[TRADE SECRET DATA BEGINS...]

Description				Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012				
	June-18	MWh	PPA ENERGY RATE (\$/MWh)	
MWh energy to SPS		69,891.361	\$38.60	\$ 2,697,806.53
Source of Rate: Per PPA Article 8 Section 8.1				
Total Due				\$ 2,697,806.53

Wire Payment Instructions:

Wells Fargo Bank
 420 Montgomery St.
 San Francisco, CA 94104



If you have any questions concerning this invoice, please contact:
 Conor Jarvis | conor.jarvis@edf-re.com | (858) 521-3403

... TRADE SECRET DATA ENDS]

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Spinning Spur Wind, LLC

15445 Innovation Drive
 San Diego, CA 92128



Southwestern Public Service Company
 Attn: Bill Watson
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

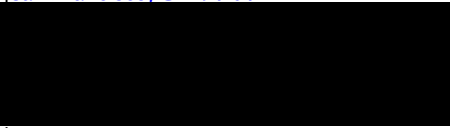
Invoice: **718 PROD**
 Invoice Date: **8/1/2018**
 Due Date: **8/22/2018**

/TRADE SECRET DATA BEGINS...

Description				Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012				
	July-18	MWh	PPA ENERGY RATE (\$/MWh)	
MWh energy to SPS		49,070.645	\$38.60	\$ 1,894,126.90
Source of Rate: Per PPA Article 8 Section 8.1				
Total Due				\$ 1,894,126.90

Wire Payment Instructions:

Wells Fargo Bank
 420 Montgomery St.
 San Francisco, CA 94104



If you have any questions concerning this invoice, please contact:
 Conor Jarvis | conor.jarvis@cdf-re.com | (858) 521-3403

... TRADE SECRET DATA ENDS

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Spinning Spur Wind, LLC

15445 Innovation Drive
 San Diego, CA 92128



Southwestern Public Service Company
 Attn: Bill Watson
 1800 Larimer Street, Suite 1000
 Denver, CO 80202

Invoice: **818 PROD**
 Invoice Date: **9/6/2018**
 Due Date: **9/27/2018**

/TRADE SECRET DATA BEGINS...

Description			Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012			
August-18	MWh	PPA ENERGY RATE (\$/MWh)	
MWh energy to SPS	56,780.710	\$38.60	\$ 2,191,735.41
Source of Rate: Per PPA Article 8 Section 8.1			
Total Due			\$ 2,191,735.41

Wire Payment Instructions:

Wells Fargo Bank
 420 Montgomery St.
 San Francisco, CA 94104



If you have any questions concerning this invoice, please contact:
 Conor Jarvis | conor.jarvis@cdf-re.com | (858) 521-3403

... TRADE SECRET DATA ENDS

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Spinning Spur Wind, LLC

15445 Innovation Drive
San Diego, CA 92128



Southwestern Public Service Company
Attn: Bill Watson
1800 Larimer Street, Suite 1000
Denver, CO 80202

Invoice: **918 PROD**
Invoice Date: **10/3/2018**
Due Date: **10/24/2018**

/TRADE SECRET DATA BEGINS...

Description			Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012			
September-18	MWh	PPA ENERGY RATE (\$/MWh)	
MWh energy to SPS	59,516.087	\$38.60	\$ 2,297,320.96
Source of Rate: Per PPA Article 8 Section 8.1			
Total Due			\$ 2,297,320.96

Wire Payment Instructions:

Wells Fargo Bank
420 Montgomery St.
San Francisco, CA 94104

If you have any questions concerning this invoice, please contact:
Conor Jarvis | conor.jarvis@edf-re.com | (858) 521-3403

... TRADE SECRET DATA ENDS/

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Spinning Spur Wind, LLC

15445 Innovation Drive
San Diego, CA 92128



Southwestern Public Service Company
Attn: Bill Watson
1800 Larimer Street, Suite 1000
Denver, CO 80202

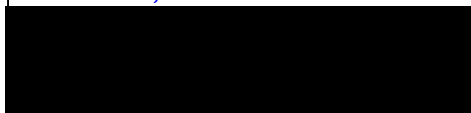
Invoice: **918 PROD**
Invoice Date: **10/3/2018**
Due Date: **10/24/2018**

[TRADE SECRET DATA BEGINS...]

Description			Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012			
September-18	MWh	PPA ENERGY RATE (\$/MWh)	
MWh energy to SPS	49,081.005	\$38.60	\$ 1,894,526.79
Source of Rate: Per PPA Article 8 Section 8.1			
Total Due			\$ 1,894,526.79

Wire Payment Instructions:

Wells Fargo Bank
420 Montgomery St.
San Francisco, CA 94104



If you have any questions concerning this invoice, please contact:
Conor Jarvis | conor.jarvis@edf-re.com | (858) 521-3403

... TRADE SECRET DATA ENDS]

NON-PUBLIC DOCUMENT - CONTAINS TRADE SECRET DATA

Spinning Spur Wind, LLC

15445 Innovation Drive
 San Diego, CA 92128



Southwestern Public Service Company	Invoice: 1118 PROD
Attn: Bill Watson	Invoice Date: 12/4/2018
1800 Larimer Street, Suite 1000	Due Date: 12/25/2018
Denver, CO 80202	

[TRADE SECRET DATA BEGINS...]

Description			Amount
Wind Energy Purchase Agreement dated 11/05/2010 between Southwestern Public Service Company and Spinning Spur Wind, LLC Commercial Operation Date: December 13, 2012			
November-18	MWh	PPA ENERGY RATE (\$/MWh)	
MWh energy to SPS	51,269.607	\$38.60	\$ 1,979,006.83
Source of Rate: Per PPA Article 8 Section 8.1			
Total Due			\$ 1,979,006.83

Wire Payment Instructions:

Wells Fargo Bank
 420 Montgomery St.
 San Francisco, CA 94104



If you have any questions concerning this invoice, please contact:
 Conor Jarvis | conor.jarvis@edf-re.com | (858) 521-3403

... TRADE SECRET DATA ENDS]

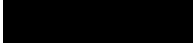
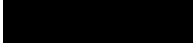



Southwestern Public Service Company

Invoice

Sun E SPS 3, LLC - Lea
12500 Baltimore Avenue
Beltsville, MD 20705
dfenicle@sunedison.com

Remit To

Bank Name : Wells Fargo Bank, Northwest
N.A.
Wire ABA : 
ACH ABA : 
Account No : 

Invoice No : 2018-I0048975
Invoice Date : 05/08/2018
Due Date : 05/21/2018

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-04	2,255,840	KWh	\$0.12344	\$278,460.84
Total					\$278,460.84



Southwestern Public Service Company

Invoice

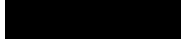
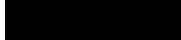
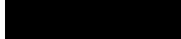

Sun E SPS 3, LLC - Lea
12500 Baltimore Avenue

dfenicle@sunedison.com

Invoice No : 2018-I0049232
Invoice Date : 06/14/2018
Due Date : 06/20/2018

Remit To

Bank Name : Wells Fargo Bank, Northwest
N.A.

Wire ABA : 
ACH ABA : 
Account No : 
Addendum : 

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-05	2,240,481	KWh	\$0.12344	\$276,564.93
Total					\$276,564.93



Southwestern Public Service Company

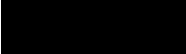
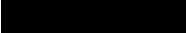
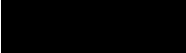
Invoice

Sun E SPS 3, LLC - Lea
 12500 Baltimore Avenue

dfenicle@sunedison.com

Invoice No : 2018-I0049647
Invoice Date : 08/09/2018
Due Date : 08/20/2018

Remit To

Bank Name : Wells Fargo Bank, Northwest
 N.A.
 Wire ABA : 
 ACH ABA : 
 Account No : 
 Addendum :

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-07	1,671,695	KWh	\$0.12344	\$206,354.02
Total					\$206,354.02



Southwestern Public Service Company

Invoice

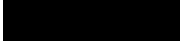
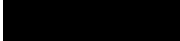
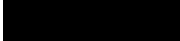

Sun E SPS 3, LLC - Lea
 12500 Baltimore Avenue

dfenicle@sunedison.com

Invoice No : 2018-I0049847
Invoice Date : 09/12/2018
Due Date : 09/20/2018

Remit To

Bank Name : Wells Fargo Bank, Northwest
 N.A.

Wire ABA : 
 ACH ABA : 
 Account No : 
 Addendum : 

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-08	1,908,673	KWh	\$0.12344	\$235,606.56
Total					\$235,606.56



Southwestern Public Service Company


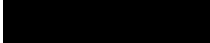

Invoice

Sun E SPS 3, LLC - Lea
 12500 Baltimore Avenue

dfenicle@sunedison.com

Invoice No : 2018-I0050574
Invoice Date : 10/17/2018
Due Date : 10/22/2018

Remit To

Bank Name : Wells Fargo Bank, Northwest
 N.A.
 Wire ABA : 
 ACH ABA : 
 Account No : 
 Addendum :

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-09	1,466,366	KWh	\$0.12344	\$181,008.23
Total					\$181,008.23


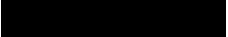
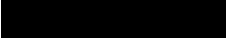


Southwestern Public Service Company

Invoice

Sun E SPS 1, LLC - Dollarhide
 12500 Baltimore Avenue
 Beltsville, MD 20705
 dfenicle@sunedison.comcom

Remit To

Bank Name : Wells Fargo Bank Northwest,
 N.A.
 Wire ABA : 
 ACH ABA : 
 Account No : 

Invoice No : 2018-I0048973
Invoice Date : 05/08/2018
Due Date : 05/21/2018

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-04	2,002,891	KWh	\$0.12351	\$247,377.08
Total					\$247,377.08



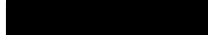
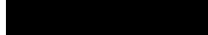
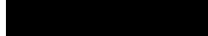
Southwestern Public Service Company

Remittance Statement

Sun E SPS 2, LLC - Jal
 12500 Baltimore Avenue
 Beltsville, MD 20705
 dfenicle@sunedison.com

Remittance No : 48122 ✓
Remittance Date : 01/08/2018 ✓
Due Date : 01/22/2018 ✓

Remit To

Bank Name : Wells Fargo Bank Northwest,
 N.A.
 Wire ABA : 
 ACH ABA : 
 Account No : 
 Attn Corporate Lease Group WF Solar Trust
 SunE SPS2, LLC Revenue Account

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost ✓	2017-12 ✓	1,009,650 ✓	KWh	\$0.12471	\$125,913.82 ✓
Total					\$125,913.82



Southwestern Public Service Company

Invoice

Sun E SPS 2, LLC - Jal
 12500 Baltimore Avenue
 Beltsville, MD 20705
 dfenicle@sunedison.com

Remit To

Bank Name : Wells Fargo Bank Northwest,
 N.A.
 Wire ABA : 
 ACH ABA : 
 Account No : 

Invoice No : 2018-I0048974
Invoice Date : 05/08/2018
Due Date : 05/21/2018

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-04	2,057,135	KWh	\$0.12471	\$256,545.30
Total					\$256,545.30



Southwestern Public Service Company

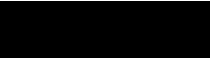
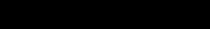

Invoice

Sun E SPS 2, LLC - Jal
 12500 Baltimore Avenue

dfenicle@sunedison.com

Invoice No : 2018-I0049846
Invoice Date : 09/12/2018
Due Date : 09/20/2018

Remit To

Bank Name : Wells Fargo Bank Northwest,
 N.A.
 Wire ABA : 
 ACH ABA : 
 Account No : 
 Addendum :

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-08	1,955,876	KWh	\$0.12471	\$243,917.25
Total					\$243,917.25



Southwestern Public Service Company

Invoice

Sun E SPS 2, LLC - Jal
 12500 Baltimore Avenue

dfenicle@sunedison.com

Invoice No : 2018-I0050571
Invoice Date : 10/16/2018
Due Date : 10/22/2018

Remit To

Bank Name : Wells Fargo Bank Northwest,
 N.A.

Wire ABA : 

ACH ABA : 

Account No : 

Addendum : 

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-09	1,435,585	KWh	\$0.12591	\$180,750.57
Total					\$180,750.57

Southwestern Public Service Company

Invoice

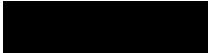
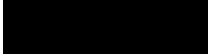


Sun E SPS 2, LLC - Jal
12500 Baltimore Avenue

dfenicle@sunedison.com

Invoice No : 2018-I0050856
Invoice Date : 11/08/2018
Due Date : 11/15/2018

Remit To

Bank Name : Wells Fargo Bank Northwest,
N.A.

Wire ABA : 
ACH ABA : 
Account No : 
Addendum : 

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-10	1,160,638	KWh	\$0.12883	\$149,524.96
Total					\$149,524.96

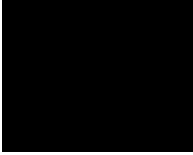
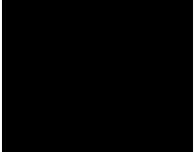
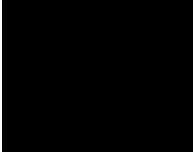


Southwestern Public Service Company

Invoice

Sun E SPS 5, LLC - Hopi
 12500 Baltimore Avenue
 Beltsville, MD 20705
 dfenicle@sunedison.com

Remit To

Bank Name : Wells Fargo Bank, Northwest
 N.A.
 Wire ABA : 
 ACH ABA : 
 Account No : 

Invoice No : 2018-I0048977
Invoice Date : 05/08/2018
Due Date : 05/21/2018

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-04	2,186,182	KWh	\$0.12372	\$270,474.41
Total					\$270,474.41



Southwestern Public Service Company

Invoice

Sun E SPS 5, LLC - Hopi
 12500 Baltimore Avenue

dfenicle@sunedison.com

Invoice No : 2018-I0050858
Invoice Date : 11/08/2018
Due Date : 11/15/2018

Remit To

Bank Name : Wells Fargo Bank, Northwest
 N.A.

Wire ABA : 

ACH ABA : 

Account No : 

Addendum :

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-10	1,173,362	KWh	\$0.12781	\$149,967.43
Total					\$149,967.43



Southwestern Public Service Company

Invoice

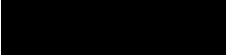
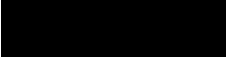


Sun E SPS 5, LLC - Hopi
 12500 Baltimore Avenue

dfenicle@sunedison.com

Invoice No : 2018-I0051095
Invoice Date : 12/12/2018
Due Date : 12/20/2018

Remit To

Bank Name : Wells Fargo Bank, Northwest
 N.A.

Wire ABA : 
 ACH ABA : 
 Account No : 
 Addendum : 

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-11	1,327,962	KWh	\$0.12781	\$169,726.88
Total					\$169,726.88

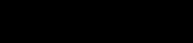
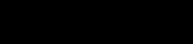



Southwestern Public Service Company

Invoice

Sun E SPS 4, LLC - Monument
 12500 Baltimore Avenue
 Beltsville, MD 20705
 dfenicle@sunedison.com

Remit To

Bank Name : Wells Fargo Bank Northwest,
 N.A.
 Wire ABA : 
 ACH ABA : 
 Account No : 

Invoice No : **2018-I0048787**
Invoice Date : **04/11/2018**
Due Date : **04/20/2018**

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-03	1,915,191	KWh	\$0.12345	\$236,430.31
Total					\$236,430.31



Southwestern Public Service Company

Invoice


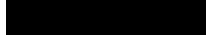
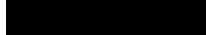
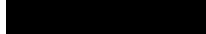
Sun E SPS 4, LLC - Monument
12500 Baltimore Avenue

dfenicle@sunedison.com

Invoice No : 2018-I0049233
Invoice Date : 06/14/2018
Due Date : 06/20/2018

Remit To

Bank Name : Wells Fargo Bank Northwest,
N.A.

Wire ABA : 
ACH ABA : 
Account No : 
Addendum : 

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-05	2,316,035	KWh	\$0.12345	\$285,914.53
Total					\$285,914.53



Southwestern Public Service Company

Invoice

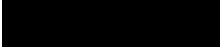
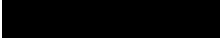

Sun E SPS 4, LLC - Monument
 12500 Baltimore Avenue

dfenicle@sunedison.com

Invoice No : 2018-I0049425
Invoice Date : 07/10/2018
Due Date : 07/20/2018

Remit To

Bank Name : Wells Fargo Bank Northwest,
 N.A.

Wire ABA : 
 ACH ABA : 
 Account No : 
 Addendum :

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-06	2,292,710	KWh	\$0.12345	\$283,035.01
Total					\$283,035.01



Southwestern Public Service Company

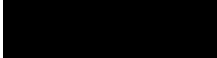
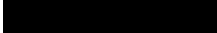
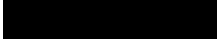

Invoice

Sun E SPS 4, LLC - Monument
 12500 Baltimore Avenue

dfenicle@sunedison.com

Invoice No : 2018-I0050857
Invoice Date : 11/08/2018
Due Date : 11/15/2018

Remit To

Bank Name : Wells Fargo Bank Northwest,
 N.A.
 Wire ABA : 
 ACH ABA : 
 Account No : 
 Addendum : 

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2018-10	1,322,442	KWh	\$0.12345	\$163,255.51
Total					\$163,255.51



Southwestern Public Service Company

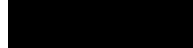
Remittance Statement

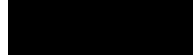
Wildorado Wind, LLC
1000 Main Street, 19th Floor
Houston, TX 77002

Remit To

Bank Name : Citibank, N.A.

Wire ABA : 

ACH ABA : 

Account No : 

Wildorado Wind, LP

Remittance No : 48120 ✓

Remittance Date : 01/08/2018 ✓

Due Date : 01/22/2018 ✓

Line Item	Production Month	Volume	UOM	Rate	Value
Energy Cost	2017-12 ✓	46,947	MWh	\$33.39969	\$1,568,015.10 ✓
Wildorado-REC	2017-12 ✓	46,947	MWh	\$4.99995	\$234,732.80 ✓
Total					\$1,802,747.90



WILDORADO WIND, LLC

1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

January 4, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: WW-REPA 1505

Invoice Date: January 4, 2018

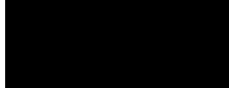
Purpose: Payment for electricity for December 2017 pursuant to REPA dated February 10, 2005.

Amount Due: Commercial Operations Energy \$ 1,802,747.83 ✓

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

Wildorado Wind, LLC



Ref: Electric Revenue Invoice # WW-REPA 1505

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Commercial Operations Energy for December 2017 of 46946.558 MWh at 38.40/MWh equals 1802747.8272
See attachments

Wildorado

Commercial Operation Energy Billing

Metering Energization Date	December 13, 2006
COD	April 27, 2007
Billing Month	December-17
Meter Read Date	October 31, 2017
#1 Commercial Operation Renewable Rate	\$33.40 /mWh
#2 Renewable Energy Credit	\$5.00 /mWh
Operation Energy - TEST	0 mWh
Commercial Operation Energy 4/27/07	46,947 mWh
#3 Total MWhs	46,947 mWh
Commercial Operation Energy Payment (#1 x #3)	\$1,568,015.04 ✓
Renewable Energer Credit (#2 x #3)	\$234,732.79 ✓
Total Payment Due	\$1,802,747.83 *

* Payment subject to adjustment for REC Certification and net energy for housepower.

Exhibit A
Schedule 1
Energy Allocation For Billing Purposes

Date: 01/02/2018

As required by Section 4 of the MB Procedures, the following is the allocation of Renewable Energy (in MWh) delivered to the Interconnection Point between Wildorado I and Golden Spread in the service period indicated below. The amount of Renewable Energy (in MWh) delivered to the Interconnection Point attributable to Wildorado I for such billing month (as specified below in Item H) shall be applied by SPS for purposes of preparing the monthly billing statement and invoice for such period pursuant to Section 9.1 of the REPA.


Service Period 12/01/2017 - 01/01/2018

Generation Allocation*			Algorithms			Algorithms		
A	Delivered Energy Metered @ Bushland	65352.073 MWh	Actual					
B	W1 Energy Metered @JUSS	47131.656 MWh	Actual			BB	GS Energy Metered @JUSS	18519.915 MWh
C	W1 Line Loss Attribution*	81.898 MWh	Stantec Paper #1			CC	GS Line Loss Attribution*	69.375 MWh
D	W1 Energy Production After Losses	47049.758 MWh	B - C			DD	GS Energy Production After Losses	18450.54 MWh
E	W1 Energy Allocation Percent	71.831 %	D / (D + DD)			EE	GS Energy Allocation Percent	28.169 %
F	W1 Renewable Energy Delivered @ Bushland	46943.048 MWh	A * E / 100			FF	GS Renewable Energy Delivered @ Bushland	18409.025 MWh
G	W1 Retail Power Adjustment (Credit)**	3.51 MWh	N			GG	GS Retail Power Adjustment (Credit)**	10.494 MWh
H	W1 Total Energy Delivered to SPS @ Bushland	46946.558 MWh	F + G			HH	GS Total Energy Delivered to SPS @ Bushland	18419.519 MWh
Station Power Usage Allocation**			Algorithms			Algorithms		
K	Energy Usage Metered @ Bushland	-117.989 MWh	Actual					
L	W1 Energy Usage Metered @ JUSS	-87.302 MWh	Actual			LL	GS Energy Usage Metered @ JUSS	-46.921 MWh
M	W1 Total Energy Usage (Retail Billing)**	-85.505 MWh	Stantec Paper #2			MM	GS Total Energy Usage (Retail Billing)**	-46.489 MWh
N	Energy Credit to W1 Generation**	3.51 MWh	Stantec Paper #2			NN	Energy Credit to GS Generation**	10.494 MWh

Notes:
* Stantec Paper #1
** Stantec Paper #2
Combined Percentages must equal 100%

Authorized Signature: Wildorado Wind, LLC

Ahmed Haque





WILDORADO WIND, LLC
1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

February 2, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: WW-REPA 1505
Invoice Date: February 2, 2018
Purpose: Payment for electricity for January 2018 pursuant to REPA dated February 10, 2005.
Amount Due: Commercial Operations Energy \$ 2,290,997.21

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

Wildorado Wind, LLC


Ref: Electric Revenue Invoice # WW-REPA 1505

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Commercial Operations Energy for January 2018 of 58206.23 MWH at 39.36/MWh equals 2290997.2128
See attachments

Wildorado

Commercial Operation Energy Billing

Metering Energization Date	December 13, 2006
COD	April 27, 2007
Billing Month	January-18
Meter Read Date	October 31, 2017
#1 Commercial Operation Renewable Rate	34.36 /mWh
#2 Renewable Energy Credit	\$5.00 /mWh
Operation Energy - TEST	0 mWh
Commercial Operation Energy 4/27/07	58,206 mWh
#3 Total MWs	58,206 mWh
Commercial Operation Energy Payment (#1 x #3)	\$1,999,966.06
Renewable Energer Credit (#2 x #3)	\$291,031.15
Total Payment Due	\$2,290,997.21 *

* Payment subject to adjustment for REC Certification and net energy for housepower.

Exhibit A
Schedule 1
Energy Allocation For Billing Purposes

Date: 02/02/2018

As required by Section 4 of the MB Procedures, the following is the allocation of Renewable Energy (in MWh) delivered to the Interconnection Point between Wildorado | and Golden Spread in the service period indicated below. The amount of Renewable Energy (in MWh) delivered to the Interconnection Point attributable to Wildorado | for such billing month (as specified below in Item H) shall be applied by SPS for purposes of preparing the monthly billing statement and invoice for such period pursuant to Section 9.1 of the REPA.

Service Period 01/01/2018 - 02/01/2018

<u>Generation Allocation**</u>		<u>Algorithms</u>	
A	Delivered Energy Metered @ Bushland	69156.741 MWh	Actual
B	W1 Energy Metered @JUSS	58416.261 MWh	Actual
C	W1 Line Loss Attribution*	110.868 MWh	Stantec Paper #1
D	W1 Energy Production After Losses	58305.393 MWh	B - C
E	W1 Energy Allocation Percent	84.16 %	D / (D + DD)
F	W1 Renewable Energy Delivered @ Bushland	58202.313 MWh	A * E / 100
G	W1 Retail Power Adjustment (Credit)**	3.917 MWh	N
H	W1 Total Energy Delivered to SPS @ Bushland	58206.23 MWh	F + G
<u>Station Power Usage Allocation**</u>		<u>Algorithms</u>	
K	Energy Usage Metered @ Bushland	-75.347 MWh	Actual
L	W1 Energy Usage Metered @ JUSS	-56.383 MWh	Actual
M	W1 Total Energy Usage (Retail Billing)**	-56.991 MWh	Stantec Paper #2
N	Energy Credit to W1 Generation**	3.917 MWh	Stantec Paper #2
Notes:			
* Stantec Paper #1			
** Stantec Paper #2			
Combined Percentages must equal 100%			

<u>Generation Allocation**</u>		<u>Algorithms</u>	
BB	GS Energy Metered @JUSS	11005.16 MWh	Actual
CC	GS Line Loss Attribution*	30.971 MWh	Stantec Paper #1
DD	GS Energy Production After Losses	10974.189 MWh	BB - CC
EE	GS Energy Allocation Percent	15.84 %	DD / (D + DD)
FF	GS Renewable Energy Delivered @ Bushland	10954.428 MWh	A * EE / 100
GG	GS Retail Power Adjustment (Credit)**	7.926 MWh	NN
HH	GS Total Energy Delivered to SPS @ Bushland	10962.354 MWh	FF + GG
<u>Station Power Usage Allocation**</u>		<u>Algorithms</u>	
LL	GS Energy Usage Metered @ JUSS	-31.668 MWh	Actual
MM	GS Total Energy Usage (Retail Billing)**	-30.195 MWh	Stantec Paper #2
NN	Energy Credit to GS Generation**	7.926 MWh	Stantec Paper #2

Authorized Signature: Wildorado Wind, LLC



Gary C. Griffin



WILDORADO WIND, LLC
1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

March 5, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: WW-REPA 1505
Invoice Date: March 5, 2018
Purpose: Payment for electricity for February 2018 pursuant to REPA dated February 10, 2005.
Amount Due: Commercial Operations Energy \$ 2,410,039.05

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

Wildorado Wind, LLC


Ref: Electric Revenue Invoice # WW-REPA 1505

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Commercial Operations Energy for February 2018 of 61230.667 MWH at 39.36/MWh equals 2410039.05312
See attachments

Wildorado

Commercial Operation Energy Billing

Metering Energization Date	December 13, 2006
COD	April 27, 2007
Billing Month	February-18
Meter Read Date	February 28, 2018
#1 Commercial Operation Renewable Rate	34.36 /mWh
#2 Renewable Energy Credit	\$5.00 /mWh
Operation Energy - TEST	0 mWh
Commercial Operation Energy 4/27/07	61,231 mWh
#3 Total MWs	61,231 mWh
Commercial Operation Energy Payment (#1 x #3)	\$2,103,885.72
Renewable Energer Credit (#2 x #3)	\$306,153.34
Total Payment Due	\$2,410,039.05 *

* Payment subject to adjustment for REC Certification and net energy for housepower.

Exhibit A
Schedule 1
Energy Allocation For Billing Purposes

Date: 03/02/2018

As required by Section 4 of the MB Procedures, the following is the allocation of Renewable Energy (in MWh) delivered to the interconnection Point between Wildorado I and Golden Spread in the service period indicated below. The amount of Renewable Energy (in MWh) delivered to the interconnection Point attributable to Wildorado I for such billing month (as specified below in item H) shall be apportioned by SPS for purposes of preparing the monthly billing statement and invoice for such period pursuant to Section 9.1 of the REPA.

Service Period 02/01/2018 - 03/01/2018

Generation Allocation*		Algorithms	
A	Delivered Energy Metered @ Bushland	82791.816 MWh	Actual
B	W1 Energy Metered @ JUSS	61464.929 MWh	Actual
C	W1 Line Loss Attribution*	120.544 MWh	Startec Paper #1
D	W1 Energy Production After Losses	61344.385 MWh	B - C
E	W1 Energy Allocation Percent	73.955 %	D / (D + DD)
F	W1 Renewable Energy Delivered @ Bushland	61228.688 MWh	A * E / 100
G	W1 Retail Power Adjustment (Credit)**	1.979 MWh	N
H	W1 Total Energy Delivered to SPS @ Bushland	61230.667 MWh	F + G
Station Power Usage Allocation**		Algorithms	
K	Energy Usage Metered @ Bushland	-61.924 MWh	Actual
L	W1 Energy Usage Metered @ JUSS	-44.37 MWh	Actual
M	W1 Total Energy Usage (Retail Billing)**	-41.952 MWh	Startec Paper #2
N	Energy Credit to W1 Generation**	1.979 MWh	Startec Paper #2
Algorithms		Algorithms	
BB	GS Energy Metered @ JUSS	21698.576 MWh	Actual
CC	GS Line Loss Attribution*	94.524 MWh	Startec Paper #1
DD	GS Energy Production After Losses	21604.052 MWh	BB - CC
EE	GS Energy Allocation Percent	26.045 %	DD / (D + DD)
FF	GS Renewable Energy Delivered @ Bushland	21563.128 MWh	A * EE / 100
GG	GS Retail Power Adjustment (Credit)**	2.827 MWh	NN
HH	GS Total Energy Delivered to SPS @ Bushland	21565.955 MWh	FF + GG
Algorithms		Algorithms	
LL	GS Energy Usage Metered @ JUSS	-26.262 MWh	Actual
MM	GS Total Energy Usage (Retail Billing)**	-24.779 MWh	Startec Paper #2
NN	Energy Credit to GS Generation**	2.827 MWh	Startec Paper #2

Notes:
 * Startec Paper #1
 ** Startec Paper #2
 Combined Percentages must equal 100%

Authorized Signature: Wildorado Wind, LLC

Gary Griffin



WILDORADO WIND, LLC
1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

April 4, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

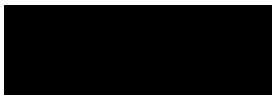
303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: WW-REPA 1505
Invoice Date: April 4, 2018
Purpose: Payment for electricity for March 2018 pursuant to REPA dated February 10, 2005.
Amount Due: Commercial Operations Energy \$ 2,516,739.68

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

Wildorado Wind, LLC



Ref: Electric Revenue Invoice # WW-REPA 1505

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Commercial Operations Energy for March 2018 of 63941.557 MWH at 39.36/MWh equals 2516739.68352
See attachments

Wildorado

Commercial Operation Energy Billing

Metering Energization Date	December 13, 2006
COD	April 27, 2007
Billing Month	March-18
Meter Read Date	March 31, 2018
#1 Commercial Operation Renewable Rate	34.36 /mWh
#2 Renewable Energy Credit	\$5.00 /mWh
Operation Energy - TEST	0 mWh
Commercial Operation Energy 4/27/07	63,942 mWh
#3 Total MWs	63,942 mWh
Commercial Operation Energy Payment (#1 x #3)	\$2,197,031.90
Renewable Energer Credit (#2 x #3)	\$319,707.79
Total Payment Due	\$2,516,739.68 *

* Payment subject to adjustment for REC Certification and net energy for housepower.

Exhibit A
Schedule 1
Energy Allocation For Billing Purposes

Date: 04/02/2018

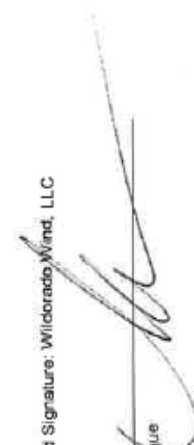
As required by Section 4 of the MB Procedures, the following is the allocation of Renewable Energy (in MWh) delivered to the Interconnection Point between Wildorado I and Golden Spread in the service period indicated below. The amount of Renewable Energy (in MWh) delivered to the Interconnection Point attributable to Wildorado I for such billing month (as specified below in Item H) shall be applied by SPS for purposes of preparing the monthly billing statement and invoice for such period pursuant to Section 9.1 of the REPA.

Service Period 03/01/2018 - 04/01/2018

<u>Generation Allocation**</u>		<u>Algorithms</u>	
A	Delivered Energy Metered @ Bushland	91386.819 MWh	Actual
B	W1 Energy Metered @JUSS	64166.247 MWh	Actual
C	W1 Line Loss Attribution*	121.863 MWh	Stantec Paper #1
D	W1 Energy Production After Losses	64046.384 MWh	B - C
E	W1 Energy Allocation Percent	69.967 %	D / (D + DD)
F	W1 Renewable Energy Delivered @ Bushland	63940.616 MWh	A * E / 100
G	W1 Retail Power Adjustment (Credit)**	0.941 MWh	N
H	W1 Total Energy Delivered to SPS @ Bushland	63941.557 MWh	F + G
<u>Station Power Usage Allocation**</u>		<u>Algorithms</u>	
K	Energy Usage Metered @ Bushland	-25.267 MWh	Actual
L	W1 Energy Usage Metered @ JUSS	-19.236 MWh	Actual
M	W1 Total Energy Usage (Retail Billing)**	-17.714 MWh	Stantec Paper #2
N	Energy Credit to W1 Generation**	0.941 MWh	Stantec Paper #2
<u>Algorithms</u>		<u>Algorithms</u>	
BB	GS Energy Metered @JUSS	27611.132 MWh	Actual
CC	GS Line Loss Attribution*	119.329 MWh	Stantec Paper #1
DD	GS Energy Production After Losses	27491.803 MWh	BB - CC
EE	GS Energy Allocation Percent	30.033 %	DD / (D + DD)
FF	GS Renewable Energy Delivered @ Bushland	27446.203 MWh	A * EE / 100
GG	GS Retail Power Adjustment (Credit)**	2.785 MWh	NN
HH	GS Total Energy Delivered to SPS @ Bushland	27448.988 MWh	FF + GG
<u>Algorithms</u>		<u>Algorithms</u>	
LL	GS Energy Usage Metered @ JUSS	-11.607 MWh	Actual
MM	GS Total Energy Usage (Retail Billing)**	-11.279 MWh	Stantec Paper #2
NN	Energy Credit to GS Generation**	2.785 MWh	Stantec Paper #2

Notes:
 * Stantec Paper #1
 ** Stantec Paper #2
 Combined Percentages must equal 100%

Authorized Signature: Wildorado Wind, LLC



Ahmed Heque



WILDORADO WIND, LLC
1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

May 3, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: WW-REPA 1505
Invoice Date: May 3, 2018
Purpose: Payment for electricity for April 2018 pursuant to REPA dated February 10, 2005.
Amount Due: Commercial Operations Energy \$ 2,694,303.07

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

Wildorado Wind, LLC


Ref: Electric Revenue Invoice # WW-REPA 1505

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Commercial Operations Energy for April 2018 of 68452.822 MWh at 39.36/MWh equals 2694303.07392
See attachments

Wildorado

Commercial Operation Energy Billing

Metering Energization Date	December 13, 2006
COD	April 27, 2007
Billing Month	April-18
Meter Read Date	March 31, 2018
#1 Commercial Operation Renewable Rate	34.36 /mWh
#2 Renewable Energy Credit	\$5.00 /mWh
Operation Energy - TEST	0 mWh
Commercial Operation Energy 4/27/07	68,453 mWh
#3 Total MWs	68,453 mWh
Commercial Operation Energy Payment (#1 x #3)	\$2,352,038.96
Renewable Energer Credit (#2 x #3)	\$342,264.11
Total Payment Due	\$2,694,303.07 *

* Payment subject to adjustment for REC Certification and net energy for housepower.

Exhibit A
Schedule 1
Energy Allocation For Billing Purposes

Date: 05/02/2018

As required by Section 4 of the MB Procedures, the following is the allocation of Renewable Energy (in MWh) delivered to the interconnection point between Wildorado 1 and Golden Spread in the service period indicated below. The amount of Renewable Energy (in MWh) delivered to the interconnection point attributable to Wildorado 1 for such billing month (as specified below in Item H) shall be applied by SPS for purposes of preparing the monthly billing statement and invoice for such period pursuant to Section 9.1 of the REPA.

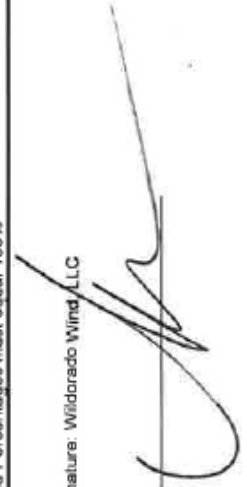
Service Period 04/01/2018 - 05/01/2018

Generation Allocation*		Algorithms	
A	Delivered Energy Metered @ Bushland	97078.483 MWh	Actual
B	W1 Energy Metered @JUSS	68733.388 MWh	Actual
C	W1 Line Loss Attribution*	134.202 MWh	Stantec Paper #1
D	W1 Energy Production After Losses	68599.196 MWh	B - C
E	W1 Energy Allocation Percent	70.511 %	D / (D + DD)
F	W1 Renewable Energy Delivered @ Bushland	68451.009 MWh	A * E / 100
G	W1 Retail Power Adjustment (Credit)**	1.813 MWh	N
H	W1 Total Energy Delivered to SPS @ Bushland	68452.822 MWh	F + G
Station Power Usage Allocation**		Algorithms	
K	Energy Usage Metered @ Bushland	-15.121 MWh	Actual
L	W1 Energy Usage Metered @ JUSS	-12.675 MWh	Actual
M	W1 Total Energy Usage (Retail Billing)**	-11.661 MWh	Stantec Paper #2
N	Energy Credit to W1 Generation**	1.813 MWh	Stantec Paper #2
Notes:			
* Stantec Paper #1			
** Stantec Paper #2			
Combined Percentages must equal 100%			

Algorithms	
BB	GS Energy Metered @JUSS 28821.608 MWh Actual
CC	GS Line Loss Attribution* 132.096 MWh Stantec Paper #1
DD	GS Energy Production After Losses 28689.512 MWh BB - CC
EE	GS Energy Allocation Percent 29.489 % DD / (D + DD)
FF	GS Renewable Energy Delivered @ Bushland 28527.474 MWh A * EE / 100
GG	GS Retail Power Adjustment (Credit)** 2.063 MWh NN
HH	GS Total Energy Delivered to SPS @ Bushland 28529.537 MWh FF + GG

Algorithms	
LL	GS Energy Usage Metered @ JUSS -7.38 MWh Actual
MM	GS Total Energy Usage (Retail Billing)** -7.337 MWh Stantec Paper #2
NN	Energy Credit to GS Generation** 2.063 MWh Stantec Paper #2

Authorized Signature: Wildorado Wind LLC



Ahmed Haque



WILDORADO WIND, LLC
1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

June 6, 2018

To:
Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

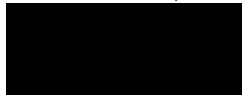
303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: WW-REPA 1505
Invoice Date: June 6, 2018
Purpose: Payment for electricity for May 2018 pursuant to REPA dated February 10, 2005.
Amount Due: Commercial Operations Energy \$ 2,376,566.80

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

Wildorado Wind, LLC



Ref: Electric Revenue Invoice # WW-REPA 1505

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Commercial Operations Energy for May 2018 of 60380.254 MWh at 39.36/MWh equals 2376566.79744
See attachments

Wildorado

Commercial Operation Energy Billing

Metering Energization Date	December 13, 2006
COD	April 27, 2007
Billing Month	May-18
Meter Read Date	March 31, 2018
#1 Commercial Operation Renewable Rate	34.36 /mWh
#2 Renewable Energy Credit	\$5.00 /mWh
Operation Energy - TEST	0 mWh
Commercial Operation Energy 4/27/07	60,380 mWh
#3 Total MWs	60,380 mWh
Commercial Operation Energy Payment (#1 x #3)	\$2,074,665.53
Renewable Energer Credit (#2 x #3)	\$301,901.27
Total Payment Due	\$2,376,566.80 *

* Payment subject to adjustment for REC Certification and net energy for housepower.

Exhibit A
Schedule 1
Energy Allocation For Billing Purposes

Date: 06/02/2018

As required by Section 4 of the MB Procedures, the following is the allocation of Renewable Energy (in MWh) delivered to the interconnection point between Willorado I and Coliden Spread in the service period indicated below. The amount of Renewable Energy (in MWh) delivered to the interconnection point attributable to Willorado I for such billing month (as specified below in Item H) shall be applied by SPS for purposes of preparing the monthly billing statement and invoice for such period pursuant to Section 9.1 of the REPA.

Service Period 05/01/2018 - 06/01/2018

Generation Allocation:		Algorithms	
A	Delivered Energy Metered @ Bushland	91201.704 MWh	Actual
B	W1 Energy Metered @JUSS	60557.504 MWh	Actual
C	W1 Line Loss Attribution*	110.19 MWh	Stantec Paper #1
D	W1 Energy Production After Losses	60447.314 MWh	B - C
E	W1 Energy Allocation Percent	66.202 %	D / (D + DD)
F	W1 Renewable Energy Delivered @ Bushland	60377.352 MWh	A * E / 100
G	W1 Retail Power Adjustment (Credit)**	2.902 MWh	N
H	W1 Total Energy Delivered to SPS @ Bushland	60380.254 MWh	F + G
Station Power Usage Allocation:		Algorithms	
K	Energy Usage Metered @ Bushland	-29.959 MWh	Actual
L	W1 Energy Usage Metered @ JUSS	-20.94 MWh	Actual
M	W1 Total Energy Usage (Retail Billing)**	-19.215 MWh	Stantec Paper #2
N	Energy Credit to W1 Generation**	2.902 MWh	Stantec Paper #2
Notes:		* Stantec Paper #1 ** Stantec Paper #2 Combined Percentages must equal 100%	

Authorized Signature: Willorado Wind, LLC

 Gary Griffin



WILDORADO WIND, LLC

1201 Fannin Street, 2nd Floor
Houston, TX 77002

INVOICE

July 6, 2018

To:

Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: WW-REPA 1505

Invoice Date: July 6, 2018

Purpose: Payment for electricity for June 2018 pursuant to REPA dated February 10, 2005.

Amount Due: Commercial Operations Energy \$ 2,588,814.14

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

Wildorado Wind, LLC



Ref: Electric Revenue Invoice # WW-REPA 1505

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Commercial Operations Energy for June 2018 of 65772.717 MWH at 39.36/MWh equals 2588814.14112
See attachments

Wildorado

<u>Commercial Operation Energy Billing</u>		
Metering Energization Date	December 13, 2006	
COD	April 27, 2007	
Billing Month	June-18	
Meter Read Date	March 31, 2018	
#1 Commercial Operation Renewable Rate	34.36 /mWh	
#2 Renewable Energy Credit	\$5.00 /mWh	
Operation Energy - TEST	0 mWh	
Commercial Operation Energy 4/27/07	65,773 mWh	
#3 Total MWs	65,773 mWh	
Commercial Operation Energy Payment (#1 x #3)	\$2,259,950.56	
Renewable Energer Credit (#2 x #3)	\$328,863.59	
Total Payment Due		\$2,588,814.14 *

* Payment subject to adjustment for REC Certification and net energy for housepower.

Exhibit A
Schedule 1
Energy Allocation For Billing Purposes

Date: 07/02/2018

As required by Section 4 of the MB Procedures, the following is the allocation of Renewable Energy (in MWh) delivered to the Interconnection Point between Wildorado 1 and Golden Spread in the service period indicated below. The amount of Renewable Energy (in MWh) delivered to the Interconnection Point attributable to Wildorado 1 for such billing month (as specified below in Item H) shall be applied by SPS for purposes of preparing the monthly billing statement and invoice for such period pursuant to Section 9.1 of the REPA.

Service Period 06/01/2018 - 07/01/2018

Generation Allocation*		Algorithms	
		Actual	Actual
A	Delivered Energy Metered @ Bushland	101391.604 MWh	
B	W1 Energy Metered @JUSS	65961.993 MWh	Actual
C	W1 Line Loss Attribution*	120.406 MWh	Stantec Paper #1
D	W1 Energy Production After Losses	65841.587 MWh	B - C
E	W1 Energy Allocation Percent	64.868 %	D / (D + DD)
F	W1 Renewable Energy Delivered @ Bushland	65770.706 MWh	A * E / 100
G	W1 Retail Power Adjustment (Credit)**	2.011 MWh	N
H	W1 Total Energy Delivered to SPS @ Bushland	65772.717 MWh	F + G
Station Power Usage Allocation**			
K	Energy Usage Metered @ Bushland	-25.777 MWh	Actual
L	W1 Energy Usage Metered @ JUSS	-16.085 MWh	Actual
M	W1 Total Energy Usage (Retail Billing)**	-14.719 MWh	Stantec Paper #2
N	Energy Credit to W1 Generation**	2.011 MWh	Stantec Paper #2
Notes:			
* Stantec Paper #1			
** Stantec Paper #2			
Combined Percentages must equal 100%			

Algorithms		
	Actual	
BB	GS Energy Metered @JUSS	35819.213 MWh
CC	GS Line Loss Attribution*	159.972 MWh
DD	GS Energy Production After Losses	35659.241 MWh
EE	GS Energy Allocation Percent	35.132 %
FF	GS Renewable Energy Delivered @ Bushland	35620.898 MWh
GG	GS Retail Power Adjustment (Credit)**	0.853 MWh
HH	GS Total Energy Delivered to SPS @ Bushland	35621.751 MWh
Algorithms		
LL	GS Energy Usage Metered @ JUSS	-15.157 MWh
MM	GS Total Energy Usage (Retail Billing)**	-13.921 MWh
NN	Energy Credit to GS Generation**	0.853 MWh

Authorized Signature Wildorado Wind, LLC



Ahmed Haque



WILDORADO WIND, LLC

901 Louisiana Street,
Houston, TX 77002

INVOICE

August 6, 2018

To:

Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: WW-REPA 1505
Invoice Date: August 6, 2018
Purpose: Payment for electricity for July 2018 pursuant to REPA dated February 10, 2005.
Amount Due: Commercial Operations Energy \$ 1,704,930.98

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

Wildorado Wind, LLC



Ref: Electric Revenue Invoice # WW-REPA 1505

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Commercial Operations Energy for July 2018 of 43316.336 MWH at 39.36/MWh equals 1704930.98496
See attachments

Wildorado

<u>Commercial Operation Energy Billing</u>		
Metering Energization Date	December 13, 2006	
COD	April 27, 2007	
Billing Month	July-18	
Meter Read Date	July 31, 2018	
#1 Commercial Operation Renewable Rate	34.36 /mWh	
#2 Renewable Energy Credit	\$5.00 /mWh	
Operation Energy - TEST	0 mWh	
Commercial Operation Energy 4/27/07	43,316 mWh	
#3 Total MWs	43,316 mWh	
Commercial Operation Energy Payment (#1 x #3)	\$1,488,349.30	
Renewable Energer Credit (#2 x #3)	\$216,581.68	
Total Payment Due		\$1,704,930.98 *

* Payment subject to adjustment for REC Certification and net energy for housepower.

Exhibit A
Schedule 1
Energy Allocation For Billing Purposes

Date: 08/02/2018

As required by Section 4 of the MB Procedures, the following is the allocation of Renewable Energy (in MWh) delivered to the interconnection point between Wildorado and Golden Spread in the service period indicated below. The amount of Renewable Energy (in MWh) delivered to the interconnection point attributable to Wildorado I for such billing month (as specified below in item H) shall be applied by SPS for purposes of preparing the monthly billing statement and invoice for such period pursuant to Section 9.1 of the REPA.

Service Period 07/01/2018 - 08/01/2018

<u>Generation Allocation*</u>		<u>Algorithms</u>	
A	Delivered Energy Metered @ Bushland	66538.288 MWh	Actual
B	W1 Energy Metered @JUSS	43437.486 MWh	Actual
C	W1 Line Loss Attribution*	65.135 MWh	Stantec Paper #1
D	W1 Energy Production After Losses	43372.351 MWh	B - C
E	W1 Energy Allocation Percent	65.09 %	D / (D + DD)
F	W1 Renewable Energy Delivered @ Bushland	43309.772 MWh	A * E / 100
G	W1 Retail Power Adjustment (Credit)**	6.564 MWh	N
H	W1 Total Energy Delivered to SPS @ Bushland	43316.336 MWh	F + G
Station Power Usage Allocation**			
K	Energy Usage Metered @ Bushland	-46.307 MWh	Actual
L	W1 Energy Usage Metered @ JUSS	-32.055 MWh	Actual
M	W1 Total Energy Usage (Retail Billing)**	-29.95 MWh	Stantec Paper #2
N	Energy Credit to W1 Generation**	6.564 MWh	Stantec Paper #2
Notes:			
* Stantec Paper #1			
** Stantec Paper #2			
Combined Percentages must equal 100%			

<u>Algorithms</u>	
BB	GS Energy Metered @JUSS
CC	GS Line Loss Attribution*
DD	GS Energy Production After Losses
EE	GS Energy Allocation Percent
FF	GS Renewable Energy Delivered @ Bushland
GG	GS Retail Power Adjustment (Credit)**
HH	GS Total Energy Delivered to SPS @ Bushland

<u>Algorithms</u>	
LL	GS Energy Usage Metered @ JUSS
MM	GS Total Energy Usage (Retail Billing)**
NN	Energy Credit to GS Generation**

Authorized Signature: Wildorado Wind, LLC



Ahmed Haque



WILDORADO WIND, LLC

910 Louisiana Street,
Houston, TX 77002

INVOICE

September 4, 2018

To:

Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: WW-REPA 1505
Invoice Date: September 4, 2018
Purpose: Payment for electricity for August 2018 pursuant to REPA dated February 10, 2005.
Amount Due: Commercial Operations Energy \$ 2,022,159.05

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

Wildorado Wind, LLC



Ref: Electric Revenue Invoice # WW-REPA 1505

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Commercial Operations Energy for August 2018 of 51375.992 MWH at 39.36/MWh equals 2022159.04512
See attachments

Wildorado

<u>Commercial Operation Energy Billing</u>		
Metering Energization Date	December 13, 2006	
COD	April 27, 2007	
Billing Month	August-18	
Meter Read Date	July 31, 2018	
#1 Commercial Operation Renewable Rate	34.36 /mWh	
#2 Renewable Energy Credit	\$5.00 /mWh	
Operation Energy - TEST	0 mWh	
Commercial Operation Energy 4/27/07	51,376 mWh	
#3 Total MWs	51,376 mWh	
Commercial Operation Energy Payment (#1 x #3)	\$1,765,279.09	
Renewable Energer Credit (#2 x #3)	\$256,879.96	
Total Payment Due		\$2,022,159.05 *

* Payment subject to adjustment for REC Certification and net energy for housepower.

Exhibit A
Schedule 1
Energy Allocation For Billing Purposes

Date: 09/02/2018

As required by Section 4 of the MB Procedures, the following is the allocation of Renewable Energy (in MWh) delivered to the Interconnection Point between Wildorado I and Golden Spread in the service period indicated below. The amount of Renewable Energy (in MWh) delivered to the Interconnection Point attributable to Wildorado I for such billing month (as specified below in Item H) shall be applied by SPS for purposes of preparing the monthly billing statement and invoice for such period pursuant to Section 9.1 of the REPA.

Service Period 08/01/2018 - 09/01/2018

<u>Generation Allocation*</u>		<u>Algorithms</u>	
A	Delivered Energy Metered @ Bushland	73193.966 MWh	Actual
B	W1 Energy Metered @JUSS	51525.297 MWh	Actual
C	W1 Line Loss Attribution*	69.587 MWh	Stantec Paper #1
D	W1 Energy Production After Losses	51435.71 MWh	B - C
E	W1 Energy Allocation Percent	70.167 %	D / (D + DD)
F	W1 Renewable Energy Delivered @ Bushland	51372.579 MWh	A * E / 100
G	W1 Retail Power Adjustment (Credit)**	3.413 MWh	N
H	W1 Total Energy Delivered to SPS @ Bushland	51375.992 MWh	F + G
<u>Station Power Usage Allocation**</u>		<u>Algorithms</u>	
K	Energy Usage Metered @ Bushland	-64.627 MWh	Actual
L	W1 Energy Usage Metered @ JUSS	-46.538 MWh	Actual
M	W1 Total Energy Usage (Retail Billing)**	-43.186 MWh	Stantec Paper #2
N	Energy Credit to W1 Generation**	3.413 MWh	Stantec Paper #2
Notes:			
* Stantec Paper #1			
** Stantec Paper #2			
Combined Percentages must equal 100%			

<u>Algorithms</u>	
BB	GS Energy Metered @JUSS
CC	GS Line Loss Attribution*
DD	GS Energy Production After Losses
EE	GS Energy Allocation Percent
FF	GS Renewable Energy Delivered @ Bushland
GG	GS Retail Power Adjustment (Credit)**
HH	GS Total Energy Delivered to SPS @ Bushland

<u>Algorithms</u>	
LL	GS Energy Usage Metered @ JUSS
MM	GS Total Energy Usage (Retail Billing)**
NN	Energy Credit to GS Generation**

Authorized Signature: Wildorado Wind, LLC

Ahmed Haque



WILDORADO WIND, LLC

910 Louisiana Street,
Houston, TX 77002

INVOICE

October 2, 2018

To:

Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: WW-REPA 1505

Invoice Date: October 2, 2018

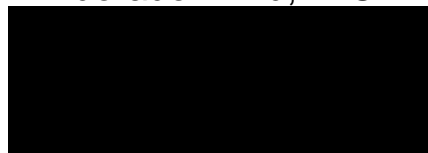
Purpose: Payment for electricity for September 2018 pursuant to REPA dated February 10, 2005.

Amount Due: Commercial Operations Energy \$ 2,154,017.37

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

Wildorado Wind, LLC



Ref: Electric Revenue Invoice # WW-REPA 1505

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Commercial Operations Energy for September 2018 of 54726.051 MWH at 39.36/MWh equals 2154017.36736
See attachments

Wildorado

<u>Commercial Operation Energy Billing</u>		
Metering Energization Date	December 13, 2006	
COD	April 27, 2007	
Billing Month	September-18	
Meter Read Date	9/31/2018	
#1 Commercial Operation Renewable Rate	34.36 /mWh	
#2 Renewable Energy Credit	\$5.00 /mWh	
Operation Energy - TEST	0 mWh	
Commercial Operation Energy 4/27/07	54,726 mWh	
#3 Total MWs	54,726 mWh	
Commercial Operation Energy Payment (#1 x #3)	\$1,880,387.11	
Renewable Energer Credit (#2 x #3)	\$273,630.26	
Total Payment Due		\$2,154,017.37 *

* Payment subject to adjustment for REC Certification and net energy for housepower.

Exhibit A
Schedule 1
Energy Allocation For Billing Purposes

Date: 10/02/2018

As required by Section 4 of the MB Procedures, the following is the allocation of Renewable Energy (in MWh) delivered to the interconnection point between Willorado I and Golden Spread in the service period indicated below. The amount of Renewable Energy (in MWh) delivered to the interconnection point attributable to Willorado I for such billing month (as specified below in item H) shall be applied by SPS for purposes of preparing the monthly billing statement and invoice for such period pursuant to Section 9.1 of the REPA.

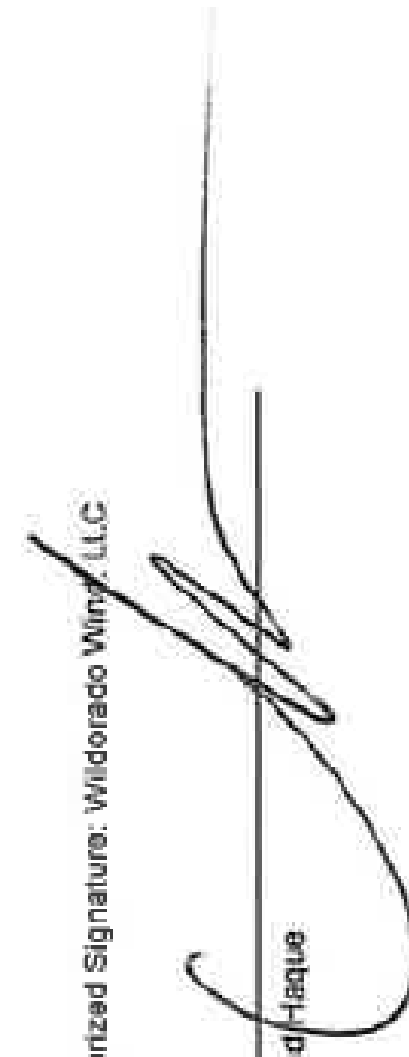
Service Period 09/01/2018 - 10/01/2018

<u>Generation Allocation*</u>		<u>Algorithms</u>	
A	Delivered Energy Metered @ Bushland	79243.648 MWh	Actual
B	W1 Energy Metered @JUSS	54680.275 MWh	Actual
C	W1 Line Loss Attribution*	97.207 MWh	Stantec Paper #1
D	W1 Energy Production After Losses	54783.068 MWh	B - C
E	W1 Energy Allocation Percent	69.038 %	D / (D + DD)
F	W1 Renewable Energy Delivered @ Bushland	54708.23 MWh	A * E / 100
G	W1 Retail Power Adjustment (Credit)**	17.821 MWh	N
H	W1 Total Energy Delivered to SPS @ Bushland	54726.051 MWh	F + G
<u>Station Power Usage Allocation**</u>		<u>Algorithms</u>	
K	Energy Usage Metered @ Bushland	-24.149 MWh	Actual
L	W1 Energy Usage Metered @ JUSS	-19.852 MWh	Actual
M	W1 Total Energy Usage (Retail Billing)**	-18.734 MWh	Stantec Paper #2
N	Energy Credit to W1 Generation**	17.821 MWh	Stantec Paper #2
<u>Algorithms</u>		<u>Algorithms</u>	
BB	GS Energy Metered @JUSS	24680.479 MWh	Actual
CC	GS Line Loss Attribution*	111.048 MWh	Stantec Paper #1
DD	GS Energy Production After Losses	24569.431 MWh	BB - CC
EE	GS Energy Allocation Percent	30.962 %	DD / (D + DD)
FF	GS Renewable Energy Delivered @ Bushland	24535.418 MWh	A * EE / 100
GG	GS Retail Power Adjustment (Credit)**	1.811 MWh	NN
HH	GS Total Energy Delivered to SPS @ Bushland	24537.229 MWh	FF + GG
<u>Algorithms</u>		<u>Algorithms</u>	
LL	GS Energy Usage Metered @ JUSS	-25.399 MWh	Actual
MM	GS Total Energy Usage (Retail Billing)**	-25.048 MWh	Stantec Paper #2
NN	Energy Credit to GS Generation**	1.811 MWh	Stantec Paper #2

Notes:
 * Stantec Paper #1
 ** Stantec Paper #2
 Combined Percentages must equal 100%

Authorized Signature: Willorado Wind, LLC

Ahmed Haque





WILDORADO WIND, LLC

910 Louisiana Street,
Houston, TX 77002

INVOICE

November 2, 2018

To:

Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)
303-571-6302 (Fax)

Invoice Number: WW-REPA 1505

Invoice Date: November 2, 2018

Purpose: Payment for electricity for October 2018 pursuant to REPA dated February 10, 2005.

Amount Due: Commercial Operations Energy \$ 1,707,139.04

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

Wildorado Wind, LLC



Ref: Electric Revenue Invoice # WW-REPA 1505

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Commercial Operations Energy for October 2018 of 43372.435 MWH at 39.36/MWh equals 1707139.0416
See attachments

Wildorado

<u>Commercial Operation Energy Billing</u>	
Metering Energization Date	December 13, 2006
COD	April 27, 2007
Billing Month	October-18
Meter Read Date	9/31/2018
#1 Commercial Operation Renewable Rate	34.36 /mWh
#2 Renewable Energy Credit	\$5.00 /mWh
Operation Energy - TEST	0 mWh
Commercial Operation Energy 4/27/07	43,372 mWh
#3 Total MWs	43,372 mWh
Commercial Operation Energy Payment (#1 x #3)	\$1,490,276.87
Renewable Energer Credit (#2 x #3)	\$216,862.18
Total Payment Due	\$1,707,139.04 *

* Payment subject to adjustment for REC Certification and net energy for housepower.

Exhibit A
Schedule 1
Energy Allocation For Billing Purposes

Date: 11/02/2018

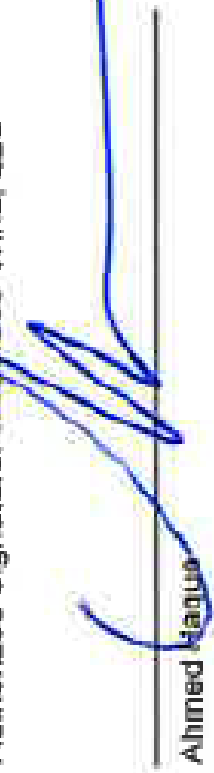
As required by Section 4 of the MB Procedures, the following is the allocation of Renewable Energy (in MWh) delivered to the interconnection point between Wildorado 1 and Golden Spread in the service period indicated below. The amount of Renewable Energy (in MWh) delivered to the interconnection point attributable to Wildorado 1 for such billing month (as specified below in item H) shall be applied by SPS for purposes of preparing the monthly billing statement and invoice for such period pursuant to Section 9.1 of the REPA.

Service Period 10/01/2018 - 11/01/2018

Generation Allocation*		Algorithms	
	Actual	Actual	
A	Delivered Energy Metered @ Bushland	64945.965 MWh	Actual
B	W1 Energy Metered @ JUSS	43571.251 MWh	Actual
C	W1 Line Loss Attribution*	70.771 MWh	Stantec Paper #1
D	W1 Energy Production After Losses	43500.48 MWh	B - C
E	W1 Energy Allocation Percent	66.773 %	D / (D + DD)
F	W1 Renewable Energy Delivered @ Bushland	43366.369 MWh	A * E / 100
G	W1 Retail Power Adjustment (Credity)**	5.066 MWh	N
H	W1 Total Energy Delivered to SPS @ Bushland	43372.435 MWh	F + G
Station Power Usage Allocation**			
K	Energy Usage Metered @ Bushland	-56.097 MWh	Actual
L	W1 Energy Usage Metered @ JUSS	-39.36 MWh	Actual
M	W1 Total Energy Usage (Retail Billing)**	-36.468 MWh	Stantec Paper #2
N	Energy Credit to W1 Generation**	5.066 MWh	Stantec Paper #2
Notes:			
* Stantec Paper #1			
** Stantec Paper #2			
Combined Percentages must equal 100%			

Generation Allocation*		Algorithms	
	Actual	Actual	
BB	GS Energy Metered @ JUSS	21724.961 MWh	Actual
CC	GS Line Loss Attribution*	79.015 MWh	Stantec Paper #1
DD	GS Energy Production After Losses	21645.946 MWh	BB - CC
EE	GS Energy Allocation Percent	33.227 %	DD / (D + DD)
FF	GS Renewable Energy Delivered @ Bushland	21579.586 MWh	A * EE / 100
GG	GS Retail Power Adjustment (Credity)**	2.438 MWh	NN
HH	GS Total Energy Delivered to SPS @ Bushland	21582.034 MWh	FF + GG
Station Power Usage Allocation**			
LL	GS Energy Usage Metered @ JUSS	-30.307 MWh	Actual
MM	GS Total Energy Usage (Retail Billing)**	-28.133 MWh	Stantec Paper #2
NN	Energy Credit to GS Generation**	2.438 MWh	Stantec Paper #2

Authorized Signature: Wildorado Wind, LLC


 Ahmed Magub



WILDORADO WIND, LLC

910 Louisiana Street,
Houston, TX 77002

INVOICE

December 4, 2018

To:

Southwestern Public Service Company
c/o XCEL Energy
Attn: Helen M. Mount
1800 Larimer Street, Suite 1200
Denver, Colorado 80202

303-571-6777 (Phone)

303-571-6302 (Fax)

Invoice Number: WW-REPA 1505

Invoice Date: December 4, 2018

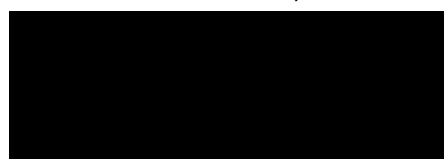
Purpose: Payment for electricity for November 2018 pursuant to REPA dated February 10, 2005.

Amount Due: Commercial Operations Energy \$ 1,923,670.76

Please remit this amount on or before the fifteenth (15th) Business Day following receipt of this billing invoice in accordance with Section 9.2 of the REPA.

Wire Funds to:

Wildorado Wind, LLC



Ref: Electric Revenue Invoice # WW-REPA 1505

If you have any questions, please call Matthew Manwaring at (713) 537-2965.

Payment Calculation:

Commercial Operations Energy for November 2018 of 48873.749 MWh at 39.36/MWh equals 1923670.76064
See attachments

Wildorado

<u>Commercial Operation Energy Billing</u>		
Metering Energization Date	December 13, 2006	
COD	April 27, 2007	
Billing Month	November-18	
Meter Read Date	November 30, 2018	
#1 Commercial Operation Renewable Rate	34.36 /mWh	
#2 Renewable Energy Credit	\$5.00 /mWh	
Operation Energy - TEST	0 mWh	
Commercial Operation Energy 4/27/07	48,874 mWh	
#3 Total MWs	48,874 mWh	
Commercial Operation Energy Payment (#1 x #3)	\$1,679,302.02	
Renewable Energer Credit (#2 x #3)	\$244,368.75	
Total Payment Due		\$1,923,670.76 *

* Payment subject to adjustment for REC Certification and net energy for housepower.

Exhibit A
Schedule 1
Energy Allocation For Billing Purposes

Date: 12/02/2018

As required by Section 4 of the MB Procedures, the following is the allocation of Renewable Energy (in MWh) delivered to the interconnection point between Wildorado 1 and Golden Spread in the service period indicated below. The amount of Renewable Energy (in MWh) delivered to the interconnection point attributable to Wildorado 1 for such billing month (as specified below in Item H) shall be applied by SPS for purposes of preparing the monthly billing statement and invoice for such period pursuant to Section 9.1 of the REPA.

Service Period 11/01/2018 - 12/01/2018

<u>Generation Allocation:</u>		<u>Algorithms</u>	
A	Delivered Energy Metered @ Bushland	69237,817 MWh	Actual
B	W1 Energy Metered @JUSS	49130,955 MWh	Actual
C	W1 Line Loss Attribution*	86,199 MWh	Stantec Paper #1
D	W1 Energy Production After Losses	49045,756 MWh	B - C
E	W1 Energy Allocation Percent	70.584 %	D / (D + DD)
F	W1 Renewable Energy Delivered @ Bushland	48870,821 MWh	A * E / 100
G	W1 Retail Power Adjustment (Credit)**	2,928 MWh	N
H	W1 Total Energy Delivered to SPS @ Bushland	48873,749 MWh	F + G
<u>Station Power Usage Allocation:</u>		<u>Algorithms</u>	
K	Energy Usage Metered @ Bushland	-75,658 MWh	Actual
L	W1 Energy Usage Metered @ JUSS	-51,474 MWh	Actual
M	W1 Total Energy Usage (Retail Billing)**	-49,536 MWh	Stantec Paper #2
N	Energy Credit to W1 Generation**	2,928 MWh	Stantec Paper #2
Notes: * Stantec Paper #1 ** Stantec Paper #2 Combined Percentages must equal 100%			

<u>Algorithms</u>	
BB	GS Energy Metered @JUSS
CC	GS Line Loss Attribution*
DD	GS Energy Production After Losses
EE	GS Energy Allocation Percent
FF	GS Renewable Energy Delivered @ Bushland
GG	GS Retail Power Adjustment (Credit)**
HH	GS Total Energy Delivered to SPS @ Bushland
LL	GS Energy Usage Metered @ JUSS
MM	GS Total Energy Usage (Retail Billing)**
NN	Energy Credit to GS Generation**

<u>Algorithms</u>			
BB	GS Energy Metered @JUSS	20521,254 MWh	Actual
CC	GS Line Loss Attribution*	81,522 MWh	Stantec Paper #1
DD	GS Energy Production After Losses	20439,732 MWh	BB - CC
EE	GS Energy Allocation Percent	29.416 %	DD / (D + DD)
FF	GS Renewable Energy Delivered @ Bushland	20366,996 MWh	A * EE / 100
GG	GS Retail Power Adjustment (Credit)**	3,119 MWh	NN
HH	GS Total Energy Delivered to SPS @ Bushland	20370,115 MWh	FF + GG
LL	GS Energy Usage Metered @ JUSS	-34,858 MWh	Actual
MM	GS Total Energy Usage (Retail Billing)**	-33,169 MWh	Stantec Paper #2
NN	Energy Credit to GS Generation**	3,119 MWh	Stantec Paper #2

Authorized Signature: Wildorado Wind, LLC

Ahmed Haque