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January 3, 2019



Daniel P. Wolf
Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
Saint Paul, MN 55101-2147

**RE: In the Matter of a Commission Investigation into the Effects on Electric and Natural Gas Utility Rates and Services of the 2017 Federal Tax Act
Docket No. E,G999/CI-17-895
Compliance Filing in Response to the Minnesota Public Utilities Commission
December 5, 2018 Order**

Dear Mr. Wolf:

Otter Tail Power Company (OTP) submits this Compliance Filing in response to the Minnesota Public Utilities Commission's (Commission) December 5, 2018 Order in Docket E,G999/CI-17-895, a Commission Investigation into the Effects on Electric and Natural Gas Utility Rates and Services of the 2017 Federal Tax Cuts and Jobs Act (TCJA).

Otter Tail's Compliance Filing includes the following:

- A. The final calculation of the rate reduction as ordered. The total of \$7,999,790 is \$4,894,671 ordered plus \$2,976,413, the protected excess accumulated deferred income tax liability, amortized using ARAM as early as IRS provisions allow, plus \$129,458, the unprotected excess ADIT liability, amortized over ten years. (Attachment 1 and Attachment 2)
- B. A calculation of the reduced revenue requirements by class. (Attachment 3)
- C. The calculation of the \$10,226,307 estimated refund for 2018 and additional period of January through March 2019 (Collectively "Refund Period") until the new base rates go into effect. (Attachment 4)
- D. New rate schedules based on the reductions to revenue requirements by class. (Attachment 5A and Attachment 5B)
- E. A proposed Customer Notice. (Attachment 6)

The rate reduction calculation is based on the ordered tax savings which includes the reduction in the gross up factor from 1.705611 to 1.403351 and the amortization of the excess deferred income taxes (EDIT) based on 2017 actual balances. The reduction Otter Tail calculated for the 2016 test year of \$7,999,790 is slightly larger than the amount included in the Department of

Commerce's July 23, 2018 Revised Attachment 1, row column (g) of \$7,913,401 due to use of actual 2017 EDIT balances. The resulting reduction to rates is 3.8718 percent on the final ordered revenue in Docket No. E017/GR-15-1033 of \$206,616,716.

New base rates are calculated by reducing demand and energy charges consistent with its current rate design.

The estimated refund of \$10,226,307 for the Refund Period will be applied across the board using a 3.8718 percent to the bills rendered during the Refund Period (see proposed exception to the period for the Large General Service class below).

1. Compliance Requirements

“Accordingly, the Commission will direct Otter Tail to refund the TCJA’s annual impact to ratepayers. The utility must amortize (using ARAM) it’s protected excess ADIT as early as IRS provisions allow, and its unprotected excess ADIT over ten years. Otter Tail should use its 2017 year-end ADIT balance to calculate its excess ADIT balance. The Commission will direct Otter Tail to use these savings to reduce customers’ base rates prospectively—allocating the savings to customers in proportion to the size of each customer’s bill, or to each customer class in proportion to the class’s size. Finally, the Commission will direct the utility to return to ratepayers the TCJA-related savings that have already accrued via a one-time refund.”

a. Use of 2017 Year-End ADIT Balance to Calculate Excess ADIT Balance

As stated in the Commission’s December 5, 2018 Order in Docket No. E,G999/CI-17-895: “*The TCJA eliminated another form of depreciation on utility property called bonus depreciation.*” At the time of initial calculations submitted, bonus depreciation had been eliminated as of the end of September 2017. Since that time, an IRS rulemaking was issued making bonus depreciation in effect for all of calendar year 2017¹. Otter Tail’s calculation in Attachment 2 of EDIT balances and related amortization of \$3,105,894 include the use of bonus depreciation for all of 2017 to comport with this change. The calculations for 2016 test year impacts on expense and rate base to determine the \$4,894,671 were not impacted by this change as 100 percent of bonus depreciation was excluded (in the same way as if the test year had been 2018).

b. The Commission will direct Otter Tail to use these savings to reduce customers’ base rates prospectively—allocating the savings to customers in proportion to the size of each customer’s bill, or to each customer class in proportion to the class’s size

i. Calculation of Reduction

Otter Tail has allocated the savings to each class based on the revenues Ordered in Docket No. E017/GR-15-1033. Attachment 3 is the calculation of the refund percentage by class and change in revenues by class.

¹ <https://www.federalregister.gov/documents/2018/08/08/2018-16716/additional-first-year-depreciation-deduction>

ii. Rate Design

Attachment 5A includes a table of the new rates (similar to Otter Tail's E-schedule in Docket No. E017/GR-15-1033) and Attachment 5B is the proposed rate schedules revised with the new rates². For the majority of rates, Otter Tail first reduced the energy charge and in cases where the energy charge alone couldn't accomplish the reduction, the demand charge was also reduced. In the case of the LGS class, adjustments were first made to demand, then to energy charges. In classes where there are only one or two rates the reduction to the rate(s) matches the 3.8718 percent reduction. And finally, in classes where there are multiple rates, some rates are adjusted to retain the proportionality of rate design from Docket No. E017/GR-15-1033.

iii. Large General Service Rate Design

Otter Tail and the Minnesota Chamber of Commerce (Chamber) currently have a joint request before the Commission in Docket No. E017/GR-15-1033 (originally filed March 30, 2018 with a subsequent Otter Tail only update filing made January 3, 2019) to correct certain Large General Service (LGS) rate elements so they: (1) conform to the intent and principles of the October 31, 2016 Large General Service Class Rate Design Agreement between Otter Tail and the Chamber; and (2) avoid unintended and unreasonable rate increases that incorrectly incentivize certain members of the LGS class to migrate away from Time of Day (TOD) service to non-TOD service and to change voltage levels.

The rate design for Large General Service Rates (LGS) in this compliance filing required specific changes due to the magnitude of the reduction for LGS (almost \$4,000,000, half of the total Minnesota reduction) and the impacts of the reduction on each of the rates in LGS. The rate design also corrects for the issues raised in the request to correct certain LGS rate elements in Docket No. E017/GR-15-1033. Based on the impacts of the TCJA reduction, Otter Tail has filed (January 3, 2019) an update to the request in Docket No. E017/GR-15-1033 to implement the rates determined for the TCJA reduction as soon as practical.

If Otter Tail's request to implement the rates resulting from the TCJA calculation for the LGS class is approved in Docket No. E017/GR-15-1033 earlier than the implementation of new rates in this Docket, No. E,G999/CI-17-895, the refund for the impacts of the TCJA will be adjusted for the LGS class to include only the period for which prior rates were in effect.

TABLE 1 below compares the proposed rates based on the currently approved LGS rates and the proposed rates based on the rates proposed in Otter Tail's January 3, 2019 filing in Docket No. E017/GR-15-1033 which corrects the LGS rates.

² Otter Tail Power's Tariff Sheets will be revised as of February 1, 2019. The revisions were approved in Docket No. E017/M-18-380 for tariff changes to facilitate implementation of a new customer information system. A rate correction was made to the Electric Vehicle Rider to be consistent with the Off-Peak Rider TCJA adjustment.

TABLE 1

Line No.	Rate Schedule	Docket No.15-1033	TCJA Proposed	Difference	Percent Change
1	10.04 Large General Service - Secondary Service (Rate 603)	\$ 26,852,874	\$ 25,873,040	\$ (979,834)	-3.6489%
2	10.04 Large General Service - Primary Service (Rate 602)	\$ 3,768,507	\$ 3,543,984	\$ (224,523)	-5.9579%
3	10.04 Large General Service - Transmission Service (Rate 632)	\$ 273,666	\$ 281,825	\$ 8,159	2.9814%
4	10.05 Large General Service Time of Day - Secondary Service (Rates 611, 615, 613)	\$ 9,898,586	\$ 9,811,792	\$ (86,794)	-0.8768%
5	10.05 Large General Service Time of Day - Primary Service (Rates 610, 614, 612)	\$ 14,629,415	\$ 13,240,598	\$ (1,388,817)	-9.4933%
6	10.05 Large General Service Time of Day - Transmission Service (Rates 639, 637, 640, 649)	\$ 47,834,401	\$ 46,508,292	\$ (1,326,109)	-2.7723%
7	Total Large General Service:	\$ 103,257,449	\$ 99,259,531	\$ (3,997,918)	-3.8718%

c. Finally, the Commission will direct the utility to return to ratepayers the TCJA-related savings that have already accrued via a one-time refund

Attachment 4 is the calculation of the one-time estimated refund of \$10,226,307 for the period prior to the implementation of new rates. The calculation of a refund of 3.8718 percent is also contained in Attachment 4. Otter Tail proposes applying the 3.8718 percent to customers' bills for the refund period of January 2018 through March 2019.

2. Proposed Customer Notice

Attachment 6 is Otter Tail's proposed Customer Notice.

3. Procedural Items

"The Department recommends requiring utilities to reflect all the TCJA's changes since the beginning of the year in the utility's calculation of riders and adjustments—including net operating losses and periodic revenue decoupling adjustments. The Commission concurs."

Otter Tail's calculations reflect any changes since the beginning of the year. Otter Tail's rider filings reflect the impacts of the TCJA.

a. Recommended Implementation Dates for Rates and Refunds

i. Rates:

Otter Tail recommends an implementation date for new rates of April 1, 2019. Compliance filings are due January 3, 2019, interested party comments are due by February 4, 2019. Processing comments is reasonably expected to take 30 days with a Commission order on compliance in mid to late March 2019.

ii. Refunds:

Otter Tail will implement refunds 2 months after implementation of new rates, similar to the typical timing in a general rate case. The refund period will cover January 1, 2018 through March 31, 2019.

4. Conclusion

Otter Tail respectfully requests the Commission approve this Compliance Filing including the proposed rates and refund. If you have any questions regarding this filing, please contact me at (218) 739-8607 or pbeithon@otpc.com.

Sincerely,

/s/ PETE BEITHON

Pete Beithon, Manager
Regulatory Recovery

jch

Enclosures

By electronic filing

c: Service List

	Current Tax Expense grossed up less Rate Base Impacts on Rev. Req.		Amort. Of Excess Accumulated Deferred Income Tax		Total
Otter Tail Power Company	\$4,894,671	(1)	\$3,018,730	(1)	\$7,913,401 (1)
Otter Tail Power Company	\$4,894,671	(2)	\$3,105,119	(3)	\$7,999,790

(1) Docket No E,G999/CI-17-895 Attachment 1 July 23, 2018 DOC Additional Reply Comments

(2) MPUC December 5, 2018 Order, Item 9.A.1) Docket No. E,G999/CI-17-895

(3) Attachment 2 to Otter Tail Power Company's January 3, 2018 Compliance filing Docket No. E,G999/CI17-895

Calculation of 2017 year-end Excess deferred tax liabilities and assets updated for actual tax treatment including use of bonus depreciation for all of 2017

Line No.	Description	<u>ACTUAL 2017</u>	<u>ACTUAL 2017</u>	<u>Estimated 2017</u>	<u>Estimated 2017 Filed 6-</u>
		12/31/2017 Defrd End Bal. at Old Rate	Excess Taxes Adjustment Needed	Filed 6-11-18* 12/31/2017 Defrd End Bal. at Old Rate	11-18* Excess Taxes Adjustment Needed
1	Deferred Tax Assets	\$33,486,178	(\$13,244,639)	\$34,588,800	(\$13,835,520)
2	Deferred Tax Liability - Excess Tax over book Depreciation	(\$267,663,687)	\$107,065,475	(\$269,503,722)	\$107,801,489
3	Deferred Tax Liability - Other	(\$37,680,603)	\$15,072,259	(\$36,456,594)	\$14,648,023
4	Credits	\$36,756,366	\$0	\$36,756,366	\$0
5	Total	(\$235,101,745)	\$108,893,095	(\$234,615,151)	\$108,613,992
6	ARAM - years		25.48 Years		25.48 Years
7	Annual amortization of EDIT - total company (line 2 divided by line 6)		\$4,201,942		\$4,230,828
8	MN NEPIS Allocator		0.504754629		0.504754629
9	Total protected MN share amortization (line 7 times line 8)		\$2,120,950		\$2,135,530
10	Tax Gross Up at 1.40334		\$855,464		\$861,345
11	MN share Protected amortization grossed up for taxes (line 9 times line 10)		\$2,976,413		\$2,996,874
12	Non-protected amortization period per order, Item 9.A.3)		10 Years		10 Years
13	Total Non-protected EDIT (line 1 plus line 3)		\$1,827,620		\$812,503
14	Total Annual amortization of non-protected (line 13 divided by line 12)		\$182,762		\$81,250
15	MN NEPIS Allocator		0.504754629		0.504754629
16	MN Annual amortization of non-protected (line 14 times line 15)		\$92,250		\$41,011
17	Tax Gross Up at 1.40334		\$37,208		\$16,542
18	MN share Unprotected amortization grossed up for taxes (line 16 times line 17)		\$129,458		\$57,553
19	MN share amortization Protected and Non-protected (line 9 plus line 16)		\$2,213,199		\$2,176,541
20	Tax Gross Up at 1.40334		\$892,694		\$877,908
21	MN share amortization grossed up for taxes (line 19 plus line 20)		3,105,894		3,054,449
22	Original amount filed for 2017, grossed up		3,018,730		3,018,730
23	Change from DOC Updated Attachment 1, July 23, 2018 Additional Reply Comments		87,164		35,719

* Otter Tail Power 6-18-2018 Comments, Attachment 1.

CALCULATION OF NEW REVENUES AND REFUND PERCENTAGE BY CLASS

TCJA	Minnesota	Residential	Farms	General Service	Large General Service	Irrigation	Outdoor Lighting	OPA	Controlled Service Water Heating	Controlled Service Interruptible	Controlled Service Deferred
"...allocating the savings to customers in proportion to the size of each customer's bill, or to each customer class in proportion to the class's size..."											
Ordered Revenues (Revenue Requirement)	206,616,716	50,772,156	3,467,224	33,483,597	103,282,269	398,399	3,138,530	1,566,683	1,778,710	7,165,615	1,563,531
Percentage of Total Revenue		24.573%	1.678%	16.206%	49.987%	0.193%	1.519%	0.758%	0.861%	3.468%	0.757%
Reduction of rates based on Ordered Revenues	7,999,790 (1)	1,965,797	134,244	1,296,419	3,998,885	15,425	121,518	60,659	68,868	277,438	60,537
New Revenues by Class after Reduction	198,616,926	48,806,359	3,332,980	32,187,178	99,283,384	382,974	3,017,012	1,506,025	1,709,842	6,888,176	1,502,994
Percentage Refund by Class	3.8718%	3.8718%	3.8718%	3.8718%	3.8718%	3.8718%	3.8718%	3.8718%	3.8718%	3.8718%	3.8718%

(1) From Attachment 1 to Otter Tail Power's Compliance January 3, 2019 Compliance Filing Docket No. E,G999/17-895

CALCULATION OF ESTIMATED REFUND - TAX CUTS AND JOBS ACT - January 2018 through March 2019

Line

No. REFUND PERCENTAGE CALCULATION

1	Ordered Final revenue requirements	\$206,616,716
2	compliance filing GR-15-1033	
3	Reduction in Revenue requirements (g)11	\$7,999,790
4	Refund Percentage (g)11/(b)26	<u>3.8718%</u>

							Total Estimated Refund Jan 2018-Mar 2019
REFUND AMOUNT CALCULATION - ESTIMATED		Jan-Nov 2018	Dec 2018 Estimated	Jan-Dec (est.) 2018 Revenues	Estimated 2018 Refund calculation	Estimate of Jan-Mar 2019 Revenues	Total Estimated Revenues Jan 2018 - Mar 2019
5	2018 Base Revenues (does not include FCA which was \$0 in base rates)*	\$188,185,302	\$18,030,833	\$206,216,135	\$7,984,276	\$57,906,679	\$264,122,814
<p>*Does not include FCA which was \$0 in base rates. TCRR, ECRR and RRA are not included as the impacts are included in the riders. CIP rider is not included as refund is based on 2016 revenue requirements which reset the CCRA to \$0 for base rates</p>							
							<u>\$10,226,307</u>

Approved Test Year 2016 Operating Revenue Summary Comparison - By Rate Schedule, using Legacy CIS rate code

Line No.	Rate Schedule	Operating Revenues		Difference	Percent Change
		Present	Approved		
1	9.01 Residential Service (Rate 101)	\$ 45,916,771	\$ 44,138,965	\$ (1,777,806)	-3.8718%
2	9.02 Residential Demand Control (Rate 241)	\$ 4,881,259	\$ 4,692,266	\$ (188,993)	-3.8718%
3					
4					
5	9.03 Farm Service (Rate 361)	\$ 3,469,978	\$ 3,335,627	\$ (134,350)	-3.8718%
6					
7					
8	10.01 Small General Service - Under 20 kW - Metered Service Secondary (Rate 404)	\$ 10,299,748	\$ 9,901,008	\$ (398,740)	-3.8714%
9	10.01 Small General Service - Under 20 kW - Metered Service Primary (Rate 405)	\$ 5,525	\$ 5,332	\$ (193)	-3.4853%
10	10.01 Small General Service - Under 20 kW - Non-metered Service - 1,000 Watts and Under (Rate 408)	\$ 57,097	\$ 54,819	\$ (2,278)	-3.9897%
11	10.02 General Service - 20 kW or Greater - Secondary Service (Rate 401)	\$ 20,095,400	\$ 19,317,076	\$ (778,324)	-3.8731%
12	10.02 General Service - 20 kW or Greater - Primary Service (Rate 403)	\$ 304,629	\$ 293,101	\$ (11,528)	-3.7843%
13	10.03 General Service - Time of Use (Commercial TOU) - (Rates 708, 709, 710)	\$ 2,742,124	\$ 2,635,954	\$ (106,170)	-3.8718%
14					
15					
16	10.04 Large General Service - Secondary Service (Rate 603)	\$ 26,852,874	\$ 25,873,040	\$ (979,834)	-3.6489%
17	10.04 Large General Service - Primary Service (Rate 602)	\$ 3,768,507	\$ 3,543,984	\$ (224,523)	-5.9579%
18	10.04 Large General Service - Transmission Service (Rate 632)	\$ 273,666	\$ 281,825	\$ 8,159	2.9814%
19	10.05 Large General Service Time of Day - Secondary Service (Rates 611, 615, 613)	\$ 9,898,586	\$ 9,811,792	\$ (86,794)	-0.8768%
20	10.05 Large General Service Time of Day - Primary Service (Rates 610, 614, 612)	\$ 14,629,415	\$ 13,240,598	\$ (1,388,817)	-9.4933%
21	10.05 Large General Service Time of Day - Transmission Service (Rates 639, 637, 640, 649)	\$ 47,834,401	\$ 46,508,292	\$ (1,326,109)	-2.7723%
22					
23					
24	11.02 Irrigation Service - Option 1: Non-Time-of-Use (Rate 703)	\$ 98,901	\$ 95,072	\$ (3,829)	-3.8718%
25	11.02 Irrigation Service - Option 2 (Rates 704, 705, 706)	\$ 298,263	\$ 286,715	\$ (11,548)	-3.8718%
26					
27					
28	11.03 Outdoor Lighting - Metered - Energy Only (Rate 748)	\$ 223,881	\$ 215,407	\$ (8,474)	-3.7849%
29	11.03 Outdoor Lighting - Non-Metered - Energy Only (Rate 749)	\$ 196,067	\$ 188,281	\$ (7,786)	-3.9710%
30	11.04 Outdoor Lighting - Street & Area Lighting (Rate 745)	\$ 2,134,872	\$ 2,052,214	\$ (82,658)	-3.8718%
31	11.04 Outdoor Lighting - Flood Lighting (Rate 746)	\$ 579,716	\$ 557,270	\$ (22,446)	-3.8719%
32					
33					
34	11.05 Municipal Pumping - Secondary Service (Rate 871)	\$ 1,563,850	\$ 1,503,301	\$ (60,549)	-3.8718%
35	11.06 Civil Defense - Fire Sirens (Rate 843)	\$ 4,635	\$ 4,456	\$ (179)	-3.8718%
36					
37					
38	14.01 Water Heating - Controlled Service (Rate 191)	\$ 1,774,342	\$ 1,705,643	\$ (68,699)	-3.8718%
39					
40					
41	14.04 Controlled Service - Interruptible Load Rider CT Metering (Rates 170, 165, 881, 168, 268, 169, 269)	\$ 1,726,933	\$ 1,660,070	\$ (66,863)	-3.8718%
42	14.05 Controlled Service - Interruptible Load Rider Self-Contained Metering (Rates 190, 185, 882)	\$ 5,424,792	\$ 5,214,755	\$ (210,037)	-3.8718%
43					
44					
45	14.06 Controlled Service - Deferred Load Rider (Rates 197, 195, 883)	\$ 1,026,438	\$ 986,697	\$ (39,742)	-3.8718%
46	14.07 Fixed Time of Service Rider - Self-Contained Metering (Rates 301, 884)	\$ 296,475	\$ 285,227	\$ (11,248)	-3.7940%
47	14.07 Fixed Time of Service Rider - CT Metering (Rates 302, 885)	\$ 237,575	\$ 228,145	\$ (9,430)	-3.9693%
48					
49					
50					
	TOTAL REVENUE:	\$ 206,616,721	\$ 198,616,931	\$ (7,999,790)	-3.8718%

-3.8718%

-3.8718%

-3.8718%

Approved Test Year 2016 Operating Revenue Detailed Comparison - by Rate Schedule and Billing Units, using Legacy CIS rate code

Line No.	Charge	Units	Billing Units (Rate Case)			Present Rate (11/01/2017)		TCJA Adjusted Rate		Rate Case Operating	Adjusted Operating	Annual Adjustment
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Revenues Annual	Revenues Annual	
1	9.01 Residential Service (Rate 101)											
2	Customer Charge	Bills			46,692	\$9.75	\$9.75	\$ 9.75	\$ 9.75	\$ 5,462,976	\$ 5,462,976	\$ -
3	Seasonal Fixed Charge	Bills			1,523	\$39.00	\$39.00	\$39.00	\$ 39.00	\$ 59,410	\$ 59,410	\$ -
4	Energy	kWh	129,790,104	289,433,002	419,223,106	\$0.10964	\$0.09064	\$0.10540	\$0.08640	\$ 40,463,983	\$ 38,686,177	\$ (1,777,806)
5	Water Heating Control Credit 14.01 (Rate 192)	Bills			6,133	-\$8.00	-\$8.00	-\$8.00	-\$8.00	\$ (49,064)	\$ (49,064)	\$ -
6	Air Conditioning Control Rider 14.08 (Rate 760)	Bills			3,559	-\$8.25	-\$8.25	-\$8.25	-\$8.25	\$ (29,361)	\$ (29,361)	\$ -
7	TailWinds Program 14.09	kWh			6,761	\$0.013	\$0.013	\$0.013	\$0.013	\$ 8,827	\$ 8,827	\$ -
8	Total Base Revenue:								\$ 45,916,771	\$ 44,138,965	\$ (1,777,806)	
9	9.02 Residential Demand Control (Rate 241)											
10	Customer Charge	Bills			2,358	\$11.00	\$11.00	\$11.00	\$11.00	\$ 311,266	\$ 311,266	\$ -
11	Facilities Charge	Bills			2,358	\$0.00	\$0.00	\$0.00	\$0.00	\$ -	\$ -	\$ -
12	Energy - All kWh	kWh	10,551,958	42,856,627	53,408,585	\$0.06425	\$0.06738	\$0.06085	\$0.06380	\$ 3,565,495	\$ 3,376,502	\$ (188,993)
13	All kW	kW	42,281	83,281	125,562	\$8.00	\$8.00	\$8.00	\$8.00	\$ 1,004,498	\$ 1,004,498	\$ -
14	Total Base Revenue:								\$ 4,881,259	\$ 4,692,266	\$ (188,993)	
15	Total Base Revenue for the COSS Class:								\$ 50,798,030	\$ 48,831,231	\$ (1,966,799)	
16	9.03 Farm Service (Rate 361)											
17	Customer Charge	Bills			1,352	\$18.50	\$18.50	\$18.50	\$18.50	\$ 300,219	\$ 300,219	\$ -
18	Energy - All kWh	kWh	9,992,135	24,704,403	34,696,538	\$0.10435	\$0.08535	\$0.10048	\$0.08148	\$ 3,151,327	\$ 3,016,976	\$ (134,351)
19	All Three Phase Facilities	Bills			178	\$9.50	\$9.50	\$9.50	\$9.50	\$ 20,338	\$ 20,338	\$ -
20	Water Heating Control Credit 14.01	Bills			211	-\$8.00	-\$8.00	-\$8.00	-\$8.00	\$ (1,688)	\$ (1,688)	\$ -
21	Air Conditioning Control Rider 14.08	Bills			58	-\$8.25	-\$8.25	-\$8.25	-\$8.25	\$ (479)	\$ (479)	\$ -
22	TailWinds Program 14.09	kWh			212	\$0.01300	\$0.01300	\$0.013	\$0.013	\$ 261	\$ 261	\$ -
23	Total Base Revenue:								\$ 3,469,978	\$ 3,335,627	\$ (134,351)	
24	Total Base Revenue for the COSS Class:								\$ 3,469,978	\$ 3,335,627	\$ (134,351)	
25	10.01 Small General Service - Under 20 kW - Metered Service Secondary (Rate 404)											
26	Customer Charge	Bills			8,372	\$18.50	\$18.50	\$18.50	\$18.50	\$ 1,858,631	\$ 1,858,631	\$ -
27	Seasonal Fixed Charge	Bills			205	\$74.00	\$74.00	\$74.00	\$74.00	\$ 15,350	\$ 15,350	\$ -
28	Energy	kWh	30,487,603	64,904,965	95,392,568	\$0.10126	\$0.08226	\$0.09708	\$0.07808	\$ 8,426,713	\$ 8,027,973	\$ (398,740)
29	Water Heating Control Credit 14.01	Bills			287	-\$8.00	-\$8.00	-\$8.00	-\$8.00	\$ (2,296)	\$ (2,296)	\$ -
30	Air Conditioning Control Rider 14.08	Bills			7	-\$8.25	-\$8.25	-\$8.25	-\$8.25	\$ (58)	\$ (58)	\$ -
31	TailWinds Program 14.09	kWh			1,153	\$0.01300	\$0.01300	\$0.01300	\$0.01300	\$ 1,409	\$ 1,409	\$ -
32	Total Base Revenue:								\$ 10,299,748	\$ 9,901,008	\$ (398,740)	
33	10.01 Small General Service - Under 20 kW - Metered Service Primary (Rate 405)											
34	Customer Charge	Bills			4	\$18.50	\$18.50	\$18.50	\$18.50	\$ 909	\$ 909	\$ -
35	Seasonal Fixed Charge	Bills			3	\$74.00	\$74.00	\$74.00	\$74.00	\$ 222	\$ 222	\$ -
36	Energy	kWh	33,541	14,253	47,795	\$0.09761	\$0.07861	\$0.09358	\$0.07458	\$ 4,394	\$ 4,202	\$ (193)
37	Total Base Revenue:								\$ 5,525	\$ 5,332	\$ (193)	
38	10.01 Small General Service - Under 20 kW - Non-metered Service - 1,000 Watts and Under (Rate 408)											
39	Customer Charge	Bills			36	\$4.50	\$4.50	\$4.50	\$4.50	\$ 1,918	\$ 1,918	\$ -
40	Seasonal Fixed Charge	Bills			-	\$74.00	\$74.00	\$74.00	\$74.00	\$ -	\$ -	\$ -
41	Energy	kWh	215,192	427,218	642,410	\$0.08589	\$0.08589	\$0.08235	\$0.08235	\$ 55,179	\$ 52,901	\$ (2,278)
42	Total Base Revenue:								\$ 57,097	\$ 54,819	\$ (2,278)	
43	10.02 General Service - 20 kW or Greater - Secondary Service (Rate 401)											
44	Customer Charge	Bills			2,203	\$27.00	\$27.00	\$27.00	\$27.00	\$ 713,705	\$ 713,705	\$ -
45	Energy	kWh	65,453,843	136,945,561	202,399,404	\$0.07495	\$0.07860	\$0.07123	\$0.07469	\$ 15,669,380	\$ 14,891,056	\$ (778,324)
46	Demand per kW	kW	354,779	719,710	1,074,489	\$3.63	\$1.39	\$3.63	\$1.39	\$ 2,288,247	\$ 2,288,247	\$ -
47	Facilities Charge	kW			1,460,814	\$0.97	\$0.97	\$0.97	\$0.97	\$ 1,413,592	\$ 1,413,592	\$ -
48	TailWinds Program 14.09	kWh			8,437	\$0.01300	\$0.01300	\$0.01300	\$0.01300	\$ 10,968	\$ 10,968	\$ -
49	Water Heating Control Credit 14.01	Bills			30	-\$8.00	-\$8.00	-\$8.00	-\$8.00	\$ (240)	\$ (240)	\$ -
50	Air Conditioning Control Rider 14.08	Bills			42	-\$6.00	-\$6.00	-\$6.00	-\$6.00	\$ (252)	\$ (252)	\$ -
51	Total Base Revenue:								\$ 20,095,400	\$ 19,317,076	\$ (778,324)	
52	10.02 General Service - 20 kW or Greater - Primary Service (Rate 403)											
53	Customer Charge	Bills			11	\$24.00	\$24.00	\$24.00	\$24.00	\$ 3,117	\$ 3,117	\$ -
54	Energy	kWh	1,467,410	1,669,419	3,136,830	\$0.07244	\$0.07535	\$0.06884	\$0.07161	\$ 232,091	\$ 220,562	\$ (11,528)
55	Demand per kW	kW	7,796	9,686	17,482	\$4.02	\$1.89	\$4.02	\$1.89	\$ 49,645	\$ 49,645	\$ -
56	Facilities Charge	kW			30,503	\$0.65	\$0.65	\$0.65	\$0.65	\$ 19,776	\$ 19,776	\$ -
57	Total Base Revenue:								\$ 304,629	\$ 293,101	\$ (11,528)	

Approved Test Year 2016 Operating Revenue Detailed Comparison - by Rate Schedule and Billing Units, using Legacy CIS rate code

Line No.	Charge	Units	Billing Units (Rate Case)			Present Rate (11/01/2017)		TCJA Adjusted Rate		Rate Case Operating	Adjusted Operating	Annual Adjustment	
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Revenues Annual	Revenues Annual		
58	10.03 General Service - Time of Use (Commercial TOU) - (Rates 708, 709, 710)												
59	Customer Charge	Bills			46	\$27.00	\$27.00	\$27.00	\$27.00	\$ 15,019	\$ 15,019	\$ -	
60	Energy - Declared-Peak	kWh	85,911	483,618	569,530	\$0.53978	\$0.28109	\$0.53978	\$0.28109	\$ 182,314	\$ 182,314	\$ -	
61	Energy - Intermediate	kWh	6,954,029	14,005,566	20,959,595	\$0.06938	\$0.06997	\$0.06609	\$0.06665	\$ 1,462,435	\$ 1,393,124	\$ (69,310)	
62	Energy - Off-Peak	kWh	6,195,725	11,452,196	17,647,921	\$0.03910	\$0.04676	\$0.03725	\$0.04454	\$ 777,727	\$ 740,868	\$ (36,859)	
63	Demand per kW - Declared-Peak	kW	-	-	-	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	
64	Demand per kW - Intermediate	kW	37,413	71,430	108,842	\$2.67	\$2.69	\$2.67	\$2.69	\$ 292,056	\$ 292,056	\$ -	
65	Demand per kW - Off-Peak	kW	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$ -	\$ -	\$ -	
66	Facilities Charge	kW	-	-	-	\$0.97	\$0.97	\$0.97	\$0.97	\$ 12,574	\$ 12,574	\$ -	
67	Forecasted WAPA Credits									\$ -	\$ -	\$ -	
68	Total Base Revenue:										\$ 2,742,124	\$ 2,635,954	\$ (106,170)
69	Total Base Revenue for the COSS Class:										\$ 33,504,523	\$ 32,207,290	\$ (1,297,233)
70	10.04 Large General Service - Secondary Service (Rate 603)												
71	Customer Charge	Bills			483	\$80.00	\$80.00	\$80.00	\$80.00	\$ 463,384	\$ 463,384	\$ -	
72	Energy - All kWh	kWh	107,231,453	211,758,312	318,989,765	\$0.05248	\$0.05503	\$0.04976	\$0.05218	\$ 17,280,960	\$ 16,385,061	\$ (895,899)	
73	Demand per kW	kW	308,997	609,568	918,565	\$10.95	\$8.50	\$10.56	\$8.56	\$ 8,564,842	\$ 8,480,907	\$ (83,935)	
74	Facilities Charge <1,000 kW	kW	302,810	629,587	932,397	\$0.55	\$0.55	\$0.55	\$0.55	\$ 512,818	\$ 512,818	\$ -	
75	Facilities Charge >=1,000 kW	kW	22,748	45,852	68,600	\$0.45	\$0.45	\$0.45	\$0.45	\$ 30,870	\$ 30,870	\$ -	
76	Total Base Revenue:										\$ 26,852,874	\$ 25,873,040	\$ (979,834)
77	10.04 Large General Service - Primary Service (Rate 602)												
78	Customer Charge	Bills			10	\$80.00	\$80.00	\$80.00	\$80.00	\$ 9,755	\$ 9,755	\$ -	
79	Energy - All kWh	kWh	16,871,773	33,809,478	50,681,251	\$0.05047	\$0.05249	\$0.04613	\$0.04798	\$ 2,626,242	\$ 2,400,630	\$ (225,612)	
80	Demand per kW	kW	42,828	81,558	124,386	\$10.45	\$8.05	\$10.29	\$8.15	\$ 1,104,098	\$ 1,105,187	\$ 1,089	
81	Facilities Charge - All kW	kW	35,384	78,264	113,648	\$0.25	\$0.25	\$0.25	\$0.25	\$ 28,412	\$ 28,412	\$ -	
82	Total Base Revenue:										\$ 3,768,507	\$ 3,543,984	\$ (224,523)
83	10.04 Large General Service - Transmission Service (Rate 632)												
84	Customer Charge	Bills			1	\$80.00	\$80.00	\$80.00	\$80.00	\$ 929	\$ 929	\$ -	
85	Energy - All kWh	kWh	1,503,358	3,292,565	4,795,923	\$0.04288	\$0.04404	\$0.04355	\$0.04473	\$ 209,468	\$ 212,766	\$ 3,298	
86	Demand per kW	kW	2,752	5,835	8,587	\$7.28	\$7.41	\$8.58	\$7.63	\$ 63,269	\$ 68,130	\$ 4,861	
87	Facilities Charge	kW	-	-	-	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	
88	Total Base Revenue:										\$ 273,666	\$ 281,825	\$ 8,159
89	10.05 Large General Service Time of Day - Secondary Service (Rates 611, 615, 613)												
90	Customer Charge	Bills			14	\$120.00	\$120.00	\$120.00	\$120.00	\$ 19,934	\$ 19,934	\$ -	
91	Facilities Charge <1,000 kW	kW			14,311	\$0.55	\$0.55	\$0.55	\$0.55	\$ 7,872	\$ 7,872	\$ -	
92	Facilities Charge >=1,000 kW	kW			88,707	\$0.45	\$0.45	\$0.45	\$0.45	\$ 39,918	\$ 39,918	\$ -	
93	Energy - On-Peak	kWh	8,073,330	10,766,790	18,840,121	\$0.06878	\$0.05738	\$0.07704	\$0.06427	\$ 1,173,061	\$ 1,314,005	\$ 140,944	
94	Energy - Shoulder	kWh	26,588,040	45,556,808	72,144,848	\$0.05231	\$0.05276	\$0.05860	\$0.05910	\$ 3,794,448	\$ 4,250,349	\$ 455,901	
95	Energy - Off-Peak	kWh	13,081,564	36,573,645	49,655,208	\$0.02949	\$0.03525	\$0.03303	\$0.03949	\$ 1,675,100	\$ 1,876,363	\$ 201,263	
96	Demand per kW - On-Peak	kW	84,448	164,225	248,672	\$11.80	\$10.07	\$7.81	\$5.55	\$ 2,650,227	\$ 1,570,985	\$ (1,079,242)	
97	Demand per kW - Shoulder	kW	84,832	165,807	250,639	\$2.14	\$2.15	\$2.75	\$3.01	\$ 538,026	\$ 732,366	\$ 194,340	
98	Demand per kW - Off-Peak	kW	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$ -	\$ -	\$ -	
99	Total Base Revenue:										\$ 9,898,586	\$ 9,811,792	\$ (86,794)
100	10.05 Large General Service Time of Day - Primary Service (Rates 610, 614, 612)												
101	Customer Charge	Bills			6	\$120.00	\$120.00	\$120.00	\$120.00	\$ 8,640	\$ 8,640	\$ -	
102	Facilities Charge - All kW	kW			368,677	\$0.25	\$0.25	\$0.25	\$0.25	\$ 92,169	\$ 92,169	\$ -	
103	Energy - On-Peak	kWh	12,087,774	15,494,080	27,581,853	\$0.07485	\$0.06194	\$0.07416	\$0.06138	\$ 1,864,477	\$ 1,847,469	\$ (17,008)	
104	Energy - Shoulder	kWh	19,586,339	52,631,745	72,218,084	\$0.05711	\$0.05713	\$0.05659	\$0.05661	\$ 4,125,227	\$ 4,087,595	\$ (37,632)	
105	Energy - Off-Peak	kWh	39,808,877	65,559,074	105,367,952	\$0.03234	\$0.03831	\$0.03204	\$0.03796	\$ 3,799,123	\$ 3,764,466	\$ (34,657)	
106	Demand per kW - On-Peak	kW	133,016	254,083	387,099	\$11.35	\$9.59	\$7.51	\$5.29	\$ 3,946,384	\$ 2,343,048	\$ (1,603,336)	
107	Demand per kW - Shoulder	kW	132,993	254,600	387,592	\$2.05	\$2.05	\$2.78	\$2.86	\$ 793,395	\$ 1,097,211	\$ 303,816	
108	Demand per kW - Off-Peak	kW	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$ -	\$ -	\$ -	
109	Total Base Revenue:										\$ 14,629,415	\$ 13,240,598	\$ (1,388,817)

Approved Test Year 2016 Operating Revenue Detailed Comparison - by Rate Schedule and Billing Units, using Legacy CIS rate code

Line No.	Charge	Units	Billing Units (Rate Case)			Present Rate (11/01/2017)		TCJA Adjusted Rate		Rate Case Operating Revenues Annual	Adjusted Operating Revenues Annual	Annual Adjustment	
			Summer	Winter	Annual	Summer	Winter	Summer	Winter				
110	10.05 Large General Service Time of Day - Transmission Service (Rates 639, 637, 640)												
111	Customer Charge	Bills			7	\$120.00	\$120.00	\$120.00	\$120.00	\$ 10,080	\$ 10,080	\$ 28,560	
112	Customer Charge LGS RIDER	Bills			7	\$340.00	\$340.00	\$340.00	\$340.00	\$ 28,560	\$ 28,560	\$ -	
113	Facilities Charge	kW			-	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	
114	Energy - On-Peak	kWh	46,143,528	67,496,545	113,640,073	\$0.06740	\$0.05509	\$0.06958	\$0.05686	\$ 6,828,235	\$ 7,048,657	\$ 220,422	
115	Energy - Shoulder	kWh	74,768,342	229,278,601	304,046,943	\$0.05169	\$0.05104	\$0.05336	\$0.05269	\$ 15,567,950	\$ 16,070,499	\$ 502,549	
116	Energy - Off-Peak	kWh	151,965,292	285,593,665	437,558,957	\$0.02948	\$0.03444	\$0.03044	\$0.03555	\$ 14,315,513	\$ 14,777,632	\$ 462,119	
117	Demand per kW - On-Peak	kW	319,600	639,200	958,800	\$7.66	\$8.84	\$6.36	\$5.00	\$ 9,112,264	\$ 5,883,056	\$ (3,229,208)	
118	Demand per kW - Shoulder	kW	319,600	639,200	958,800	\$1.72	\$1.88	\$2.22	\$2.63	\$ 1,971,799	\$ 2,689,808	\$ 718,009	
119	Demand per kW - Off-Peak	kW	319,600	639,200	958,800	\$0.00	\$0.00	\$0.00	\$0.00	\$ -	\$ -	\$ -	
120	Nominated kW	kW			10,000	\$9.38	\$10.72	\$8.58	\$7.63	\$ -	\$ -	\$ -	
121	Total Base Revenue:										\$ 47,834,401	\$ 46,508,292	\$ (1,326,109)
122	Total Base Revenue for the COSS Class:										\$ 103,257,449	\$ 99,259,531	\$ (3,997,918)
123	11.01 Standby Service - Option A: Firm - Secondary Service (Rates 947, 948, 949)												
124	Customer Charge	Bills			-	\$242.24	\$242.24	\$242.24	\$242.24	\$ -	\$ -	\$ -	
125	Facilities Charge per month per kW of Contracted Backup	kW			-	\$0.55000	\$0.55000	\$0.55	\$0.55	\$ -	\$ -	\$ -	
126	Reservation Charge per kW of Contracted Backup	kW			-	\$0.65645	\$0.22355	\$0.65645	\$0.22355	\$ -	\$ -	\$ -	
127	Metered Demand per day per kW On-Peak Backup	kW			-	\$0.54794	\$0.43005	\$0.54794	\$0.43005	\$ -	\$ -	\$ -	
128	Energy - On-Peak	kWh			-	\$0.06878	\$0.05738	\$0.07704	\$0.06427	\$ -	\$ -	\$ -	
129	Energy - Shoulder	kWh			-	\$0.05231	\$0.05276	\$0.05860	\$0.05910	\$ -	\$ -	\$ -	
130	Energy - Off-Peak	kWh			-	\$0.02949	\$0.03525	\$0.03303	\$0.03949	\$ -	\$ -	\$ -	
131	Total:												
132	11.01 Standby Service - Option A: Firm - Primary Service (Rates 944, 945, 946)												
133	Customer Charge	Bills			-	\$304.33	\$304.33	\$304.33	\$304.33	\$ -	\$ -	\$ -	
134	Facilities Charge per month per kW of Backup	kW			-	\$0.45000	\$0.45000	\$0.45	\$0.45	\$ -	\$ -	\$ -	
135	Reservation Charge per kW of Contracted Backup	kW			-	\$0.62837	\$0.21403	\$0.62837	\$0.21403	\$ -	\$ -	\$ -	
136	Metered Demand per day per kW On-Peak Backup	kW			-	\$0.52464	\$0.40800	\$0.52464	\$0.40800	\$ -	\$ -	\$ -	
137	Energy - On-Peak	kWh			-	\$0.07485	\$0.06194	\$0.07416	\$0.06138	\$ -	\$ -	\$ -	
138	Energy - Shoulder	kWh			-	\$0.05711	\$0.05713	\$0.05659	\$0.05661	\$ -	\$ -	\$ -	
139	Energy - Off-Peak	kWh			-	\$0.03234	\$0.03831	\$0.03204	\$0.03796	\$ -	\$ -	\$ -	
140	Conservation Improvement Program				-					\$ -	\$ -	\$ -	
141	Total:												
142	11.01 Standby Service - Option A: Firm - Transmission Service (Rates 941, 942, 943)												
143	Customer Charge	Bills			-	\$304.33	\$304.33	\$304.33	\$304.33	\$ -	\$ -	\$ -	
144	Facilities Charge per month per kW of Backup	kW			-	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	
145	Reservation Charge per kW of Contracted Backup	kW			-	\$0.58422	\$0.19898	\$0.58422	\$0.19898	\$ -	\$ -	\$ -	
146	Metered Demand per day per kW On-Peak Backup	kW			-	\$0.48812	\$0.37420	\$0.48812	\$0.37420	\$ -	\$ -	\$ -	
147	Energy - On-Peak	kWh			-	\$0.06740	\$0.05509	\$0.06958	\$0.05686	\$ -	\$ -	\$ -	
148	Energy - Shoulder	kWh			-	\$0.05169	\$0.05104	\$0.05336	\$0.05269	\$ -	\$ -	\$ -	
149	Energy - Off-Peak	kWh			-	\$0.02948	\$0.03444	\$0.03044	\$0.03555	\$ -	\$ -	\$ -	
150	Conservation Improvement Program				-					\$ -	\$ -	\$ -	
151	Total:												
152	11.01 Standby Service - Option B: Non-Firm - Secondary Service (Rates 956, 957, 958)												
153	Customer Charge	Bills			-	\$242.24	\$242.24	\$242.24	\$242.24	\$ -	\$ -	\$ -	
154	Facilities Charge per month per kW of Backup	kW			-	\$0.55000	\$0.55000	\$0.55	\$0.55	\$ -	\$ -	\$ -	
155	Energy - On-Peak	kWh			-	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	
156	Energy - Shoulder	kWh			-	\$0.05231	\$0.05276	\$0.05860	\$0.05910	\$ -	\$ -	\$ -	
157	Energy - Off-Peak	kWh			-	\$0.02949	\$0.03525	\$0.03303	\$0.03949	\$ -	\$ -	\$ -	
158	Conservation Improvement Program				-					\$ -	\$ -	\$ -	
159	Total:												
160	11.01 Standby Service - Option B: Non-Firm - Primary Service (Rates 953, 954, 955)												
161	Customer Charge	Bills			-	\$304.33	\$304.33	\$304.33	\$304.33	\$ -	\$ -	\$ -	
162	Facilities Charge per month per kW of Backup	kW			-	\$0.45000	\$0.45000	\$0.45	\$0.45	\$ -	\$ -	\$ -	
163	Energy - On-Peak	kWh			-	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	
164	Energy - Shoulder	kWh			-	\$0.05711	\$0.05713	\$0.05659	\$0.05661	\$ -	\$ -	\$ -	
165	Energy - Off-Peak	kWh			-	\$0.03234	\$0.03831	\$0.03204	\$0.03796	\$ -	\$ -	\$ -	
166	Conservation Improvement Program				-					\$ -	\$ -	\$ -	
167	Total:												
168	11.01 Standby Service - Option B: Non-Firm - Transmission Service (Rates 950, 951, 952)												
169	Customer Charge	Bills			-	\$304.33	\$304.33	\$304.33	\$304.33	\$ -	\$ -	\$ -	
170	Facilities Charge per month per kW of Backup	kW			-	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	
171	Energy - On-Peak	kWh			-	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	
172	Energy - Shoulder	kWh			-	\$0.05169	\$0.05104	\$0.05336	\$0.05269	\$ -	\$ -	\$ -	
173	Energy - Off-Peak	kWh			-	\$0.02948	\$0.03444	\$0.03044	\$0.03555	\$ -	\$ -	\$ -	
174	Conservation Improvement Program				-					\$ -	\$ -	\$ -	
175	Total:												

Approved Test Year 2016 Operating Revenue Detailed Comparison - by Rate Schedule and Billing Units, using Legacy CIS rate code

Line No.	Charge	Units	Billing Units (Rate Case)			Present Rate (11/01/2017)		TCJA Adjusted Rate		Rate Case Operating	Adjusted Operating	Annual Adjustment	
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Revenues Annual	Revenues Annual		
297	14.04 Controlled Service - Interruptible Load Rider CT Metering - Option 1 (Rates 170, 165, 881)												
298	Customer Charge	Bills			192	\$7.00	\$7.00	\$7.00	\$7.00	\$ 16,154	\$ 16,154	\$ -	
299	Facilities Charge	kW			19,508	\$0.18	\$0.18	\$0.18	\$0.18	\$ 42,138	\$ 42,138	\$ -	
300	Energy - All kWh	kWh	3,478,808	33,036,493	36,515,301	\$0.04765	\$0.04532	\$0.04574	\$0.04350	\$ 1,668,641	\$ 1,601,778	\$ (66,863)	
301	Penalty kWh	kWh	9,988	61,878	71,866	\$0.31020	\$0.13893	\$0.31211	\$0.14075	\$ -	\$ -	\$ -	
302	Total Base Revenue:										\$ 1,726,933	\$ 1,660,070	\$ (66,863)
303	14.04 Controlled Service - Interruptible Load Rider CT Metering - Option 2 (Rates 168, 268, 169, 269)												
304	Customer Charge	Bills			2	\$7.00	\$7.00	\$7.00	\$7.00	\$ -	\$ -	\$ -	
305	Facilities Charge	kW			827	\$0.18	\$0.18	\$0.18	\$0.18	\$ -	\$ -	\$ -	
306	Energy - All kWh	kWh	12,263	106,651	118,914	\$0.04765	\$0.04532	\$0.04574	\$0.04350	\$ -	\$ -	\$ -	
307	Control Period Demand	kW	645	5,613	6,259	\$10.95	\$8.50	\$10.56	\$8.56	\$ -	\$ -	\$ -	
308	Total Base Revenue:										\$ -	\$ -	\$ -
309	14.05 Controlled Service - Interruptible Load Rider Self-Contained Metering (Rates 190, 185, 882)												
310	Customer Charge	Bills			5,469	\$4.00	\$4.00	\$4.00	\$4.00	\$ 262,493	\$ 262,493	\$ -	
311	Facilities Charge	Bills			5,469	\$8.00	\$8.00	\$8.00	\$8.00	\$ 524,987	\$ 524,987	\$ -	
312	Energy - All kWh	kWh	9,434,951	78,730,530	88,165,482	\$0.05568	\$0.05223	\$0.05315	\$0.04986	\$ 4,637,312	\$ 4,427,275	\$ (210,037)	
313	Penalty kWh	kWh	97	3,771	3,868	\$0.39803	\$0.19978	\$0.40055	\$0.20214	\$ -	\$ -	\$ -	
314	Total Base Revenue:										\$ 5,424,792	\$ 5,214,755	\$ (210,037)
315	Total Base Revenue for the COSS Class:										\$ 7,151,725	\$ 6,874,825	\$ (276,900)
316	14.06 Controlled Service - Deferred Load Rider (Rates 197, 195, 883)												
317	Customer Charge	Bills			1,077	\$4.00	\$4.00	\$4.00	\$4.00	\$ 51,701	\$ 51,701	\$ -	
318	Facilities Charge	Bills			1,077	\$8.00	\$8.00	\$8.00	\$8.00	\$ 66,668	\$ 66,668	\$ -	
319	Energy - All kWh	kWh	932,951	12,375,078	13,308,028	\$0.06851	\$0.06821	\$0.06551	\$0.06523	\$ 908,069	\$ 868,327	\$ (39,742)	
320	Penalty kWh	kWh	67	399	466	\$0.29065	\$0.18379	\$0.29365	\$0.18678	\$ -	\$ -	\$ -	
321	Total Base Revenue:										\$ 1,026,438	\$ 986,697	\$ (39,742)
322	14.07 Fixed Time of Service Rider - Self-Contained Metering (Rates 301, 884)												
323	Customer Charge	Bills			454	\$3.00	\$3.00	\$3.00	\$3.00	\$ 16,351	\$ 16,351	\$ -	
324	Facilities Charge	Bills			454	\$4.00	\$4.00	\$4.00	\$4.00	\$ 21,801	\$ 21,801	\$ -	
325	Energy - All kWh	kWh	181,849	7,227,745	7,409,595	\$0.02826	\$0.03429	\$0.02703	\$0.03280	\$ 258,324	\$ 247,076	\$ (11,248)	
326	Penalty kWh	kWh	10,868	146,919	157,788	\$0.07495	\$0.05233	\$0.07495	\$0.05233	\$ -	\$ -	\$ -	
327	Total Base Revenue:										\$ 296,475	\$ 285,227	\$ (11,248)
328	14.07 Fixed Time of Service Rider - CT Metering (Rates 302, 885)												
329	Customer Charge	Bills			63	\$4.00	\$4.00	\$4.00	\$4.00	\$ 3,003	\$ 3,003	\$ -	
330	Facilities Charge	Bills			63	\$24.00	\$24.00	\$24.00	\$24.00	\$ 18,021	\$ 18,021	\$ -	
331	Energy - All kWh	kWh	172,267	6,064,708	6,236,976	\$0.02826	\$0.03429	\$0.02703	\$0.03280	\$ 216,550	\$ 207,121	\$ (9,429)	
332	Penalty kWh	kWh	6,590	103,141	109,730	\$0.07495	\$0.05233	\$0.07495	\$0.05233	\$ -	\$ -	\$ -	
333	Total Base Revenue:										\$ 237,575	\$ 228,145	\$ (9,430)
334	14.07 Fixed Time of Service Rider - Primary CT Metering (Rates 303, 886)												
336	Customer Charge	Bills			-	\$5.50	\$5.50	\$5.50	\$5.50	\$ -	\$ -	\$ -	
337	Facilities Charge	Bills			-	\$12.00	\$12.00	\$12.00	\$12.00	\$ -	\$ -	\$ -	
338	Energy - All kWh	kWh			-	\$0.02815	\$0.03415	\$0.02692	\$0.03267	\$ -	\$ -	\$ -	
339	Penalty kWh	kWh			-	\$0.07484	\$0.05219	\$0.07484	\$0.05220	\$ -	\$ -	\$ -	
340	14.12 Off-Peak Electric Vehicle Rider (Rates 781, 887, 782, 888, 783, 889)												
341	Self-Contained Metering												
343	Customer Charge	Bills			-	\$3.00	\$3.00	\$3.00	\$3.00	\$ -	\$ -	\$ -	
344	Facilities Charge	Bills			-	\$4.00	\$4.00	\$4.00	\$4.00	\$ -	\$ -	\$ -	
345	Energy - All kWh	kWh			-	\$0.02826	\$0.03429	\$0.02703	\$0.03280	\$ -	\$ -	\$ -	
346	Penalty kWh	kWh			-	\$0.07495	\$0.05233	\$0.07495	\$0.05233	\$ -	\$ -	\$ -	
347	CT Metering												
348	Customer Charge	Bills			-	\$4.00	\$4.00	\$4.00	\$4.00	\$ -	\$ -	\$ -	
349	Facilities Charge	Bills			-	\$24.00	\$24.00	\$24.00	\$24.00	\$ -	\$ -	\$ -	
350	Energy - All kWh	kWh			-	\$0.02826	\$0.03429	\$0.02703	\$0.03280	\$ -	\$ -	\$ -	
351	Penalty kWh	kWh			-	\$0.07495	\$0.05233	\$0.07495	\$0.05233	\$ -	\$ -	\$ -	
352	Primary CT Metering												
353	Customer Charge	Bills			-	\$5.50	\$5.50	\$5.50	\$5.50	\$ -	\$ -	\$ -	
354	Facilities Charge	Bills			-	\$12.00	\$12.00	\$12.00	\$12.00	\$ -	\$ -	\$ -	
355	Energy - All kWh	kWh			-	\$0.02815	\$0.03415	\$0.02692	\$0.03267	\$ -	\$ -	\$ -	
356	Penalty kWh	kWh			-	\$0.07484	\$0.05219	\$0.07484	\$0.05220	\$ -	\$ -	\$ -	
357	Total Base Revenue for the COSS Class:										\$ 1,560,488	\$ 1,500,069	\$ (60,420)
358	TOTAL :										\$ 206,616,721	\$ 198,616,931	\$ (7,999,790)
359													
360													
361													

Attachment 5B

Rate Schedules

REDLINE and NON-REDLINE



Fergus Falls, Minnesota

RESIDENTIAL SERVICE

DESCRIPTION	RATE CODE
Residential Service	M101

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to Residential Service as defined in the General Rules and Regulations.

RATE:

RESIDENTIAL SERVICE			
Customer Charge per Month:	\$9.75		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$0.00		
Energy Charge per kWh:	Summer	Winter	
	10.964 <u>10.540</u> ¢/kWh	- 9.064 <u>8.640</u> ¢/kWh	

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.
Winter: October 1 through May 31.



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Fergus Falls, Minnesota

RESIDENTIAL DEMAND CONTROL SERVICE
 (Commonly identified as RDC)

DESCRIPTION	RATE CODE
Residential Demand Control	M241

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to Residential Customers with a UL-approved Demand-control system.

RATE:

RESIDENTIAL DEMAND CONTROL SERVICE		
Customer Charge per Month:		\$11.00
Monthly Minimum Bill:	Customer + Facilities + Demand Charges	
Facilities Charge per Month:		\$0.00
Energy Charge per kWh:	Summer	Winter
	6.425 6.085 ¢/kWh	6.738 6.380 ¢/kWh
Demand Charge per kW:	Summer	Winter
	\$8.00 /kW	\$8.00 /kW



Fergus Falls, Minnesota

FARM SERVICE

DESCRIPTION	RATE CODE
Farm Service	M361

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to general Farm and home use. The Customer may elect to have the following service offerings in the farm home (for residential uses); Residential Service (Section 9.01) or Residential Demand Control Service Schedule (Section 9.02) if all the requirements specified for the schedules are satisfied.

RATE:

FARM SERVICE		
Customer Charge per Month:	\$18.50	
Monthly Minimum Bill:	Customer + Facilities Charges	
Facilities Charge per Month:		
Single-phase:	\$0.00	
Three-phase:	\$9.50	
Energy Charge per kWh:	Summer	Winter
	10.435 <u>10.048</u> ¢/kWh	8.535 <u>8.148</u> ¢/kWh

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.

Winter: October 1 through May 31.



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SMALL GENERAL SERVICE
 Under 20 kW

DESCRIPTION	RATE CODE
Metered Service – under 20 kW – Secondary Service	M404
Metered Service – under 20 kW – Primary Service	M405
Non-metered Service - 1000 Watts or less – Secondary Service	M408
– CLOSED TO NEW INSTALLATIONS	

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to Three-phase Residential Customers, and both Single- and Three-phase nonresidential Customers. This schedule is not applicable for dusk to dawn outdoor lighting. Emergency and supplementary/standby service will be supplied only as allowed by law.

RATE:

	SECONDARY SERVICE		PRIMARY SERVICE	
Customer Charge per Month:	\$18.50		\$18.50	
Monthly Minimum Bill:	Customer + Facilities Charges		Customer + Facilities Charges	
Facilities Charge per Month:	\$0.00		\$0.00	
Energy Charge per kWh:	Summer	Winter	Summer	Winter
	10.126 <u>9.708</u> ¢/kWh	8.226 <u>7.808</u> ¢/kWh	9.761 <u>9.358</u> ¢/kWh	7.861 <u>7.458</u> ¢/kWh



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Table with 4 rows and 2 columns. Row 1: NON-METERED SERVICE-SECONDARY ONLY-1000 WATTS OR LESS. Row 2: Customer Charge per Month: \$4.50. Row 3: Monthly Minimum Bill: Customer + Facilities Charges. Row 4: Facilities Charge per Month: \$0.00. Row 5: Energy Charge per kWh: Summer/Winter rates (8.589 and 8.235 ¢/kWh).

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.
Winter: October 1 through May 31.

TERMS AND CONDITIONS: The Customer may remain on the Small General Service schedule as long as Customer's maximum Demand does not equal or exceed 20 kW for more than two of the most recent 12 months. If the Customer achieves an actual Demand of 20 kW or greater for a third time in the most recent 12 months, the Customer will be placed on the General Service schedule (Section 10.02) in the next billing month.



Fergus Falls, Minnesota

GENERAL SERVICE
 20 kW or Greater

DESCRIPTION	RATE CODE
General Service – Secondary Service	M401
General Service – Primary Service	M403

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to Three-phase Residential Customers, and both Single and Three-phase nonresidential Customers with a measured Demand of at least 20 kW within the most recent 12 months. This schedule is not applicable for dusk to dawn outdoor lighting. Emergency and supplementary/Standby service will be supplied only as allowed by law.

RATE:

	SECONDARY SERVICE		PRIMARY SERVICE	
Customer Charge per Month:	\$27.00		\$24.00	
Monthly Minimum Bill:	Customer + Facilities + Demand Charges		Customer + Facilities + Demand Charges	
Facilities Charge per Month per annual max. kW: (minimum 20 kW)	\$0.97 /kW		\$0.65 /kW	
Energy Charge per kWh:	Summer	Winter	Summer	Winter
	7.49 57.123 ¢/kWh	7.86 07.469 ¢/kWh	7.24 46.884 ¢/kWh	7.53 57.161 ¢/kWh
Demand Charge per kW: (minimum 20 kW)	Summer	Winter	Summer	Winter
	\$3.63 /kW	\$1.39 /kW	\$4.02 /kW	\$1.89 /kW



Fergus Falls, Minnesota

GENERAL SERVICE - TIME OF USE

DESCRIPTION	RATE CODE
General Service – Time of Use	M708

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to nonresidential Customers with one Meter providing electrical service.

RATE:

GENERAL SERVICE - TIME OF USE			
Customer Charge per Month:	\$27.00		
Monthly Minimum Bill:	Customer + Facilities + Demand Charges		
Facilities Charge per Month per annual maximum kW: (minimum 20 kW)	\$0.97 /kW		
Energy Charge per kWh:	Summer	Winter	
Declared-Peak	53.978 ¢/kWh	28.109 ¢/kWh	
Intermediate	6.9386.609 ¢/kWh	6.9976.665 ¢/kWh	
Off-Peak	3.9103.725 ¢/kWh	4.6764.454 ¢/kWh	
Demand Charge per kW: (minimum 20 kW)	Summer	Winter	
Declared-Peak	N/A /kW	N/A /kW	
Intermediate	\$2.67 /kW	\$2.69 /kW	
Off-Peak	\$0.00 /kW	\$0.00 /kW	

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the



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General Service – Time of Use

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Minnesota electric rates for the matrices of riders.



Fergus Falls, Minnesota

LARGE GENERAL SERVICE

DESCRIPTION	RATE CODE
Secondary Service	M603
Primary Service	M602
Transmission Service	M632

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to nonresidential Customers. This schedule is not applicable for outdoor lighting. Emergency and supplementary/Standby service will be supplied only as allowed by law.

RATE:

SECONDARY SERVICE		
Customer Charge per Month:	\$80.00	
Monthly minimum Bill:	Customer + Facilities + Demand Charges	
Facilities Charge per Month per annual Max. kW: (minimum 80 kW)		
Less than 1000 kW:	\$0.55 /kW	
Greater than or equal to 1000 kW:	\$0.45 /kW	
Energy Charge per kWh:	Summer	Winter
	5.24 <u>84.976</u> ¢/kWh	5.50 <u>35.218</u> ¢/kWh
Demand Charge per kW: (minimum 80 kW)	Summer	Winter
	10.95 <u>10.56</u> /kW	8.50 <u>8.56</u> /kW



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PRIMARY SERVICE		
Customer Charge per Month:	\$80.00	
Monthly minimum Bill:	Customer + Facilities + Demand Charges	
Facilities Charge per Month per annual Max. kW: (minimum 80kW)		
All kW:	\$0.25 /kW	
Energy Charge per kWh:	Summer	Winter
	<u>5.0474.613</u> ¢/kWh	<u>5.2494.798</u> ¢/kWh
Demand Charge per kW: (minimum 80 kW)	Summer	Winter
	<u>\$10.4510.29</u> /kW	<u>\$8.058.15</u> /kW

TRANSMISSION SERVICE		
Customer Charge per Month:	\$80.00	
Monthly minimum Bill:	Customer + Facilities + Demand Charges	
Facilities Charge per Month per annual Max. kW: (minimum 80kW)		
All kW:	\$0.00 /kW	
Energy Charge per kWh:	Summer	Winter
	<u>4.2884.355</u> ¢/kWh	<u>4.4044.473</u> ¢/kWh
Demand Charge per kW: (minimum 80 kW)	Summer	Winter
	<u>\$7.288.58</u> /kW	<u>\$7.417.63</u> /kW



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LARGE GENERAL SERVICE - TIME OF DAY

DESCRIPTION	RATE CODE
Secondary Service	M611
Primary Service	M610
Transmission Service	M639

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to nonresidential Customers with a measured Demand of at least 80 kW within the most recent 12 months.

RATE:

SECONDARY SERVICE			
Customer Charge per Month:	\$120.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month per annual Max. kW: (minimum 80 kW)			
Less than 1000 kW:	\$0.55/kW		
Greater than or equal to 1000 kW:	\$0.45/kW		
Energy Charge per kWh:	Summer	Winter	
On-Peak	6.8787.704 ¢/kWh	5.7386.427 ¢/kWh	
Shoulder	5.2345.860 ¢/kWh	5.2765.910 ¢/kWh	
Off-Peak	2.9493.303 ¢/kWh	3.5253.949 ¢/kWh	
Demand Charge per kW: (minimum 80 kW)	Summer	Winter	
On-Peak	\$11.807.81 /kW	\$10.075.55 /kW	
Shoulder	\$2.142.75 /kW	\$2.153.01 /kW	
Off-Peak	\$0.00 /kW	\$0.00 /kW	



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PRIMARY SERVICE			
Customer Charge per Month:	\$120.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month per annual Max. kW: (minimum 80 kW)	\$0.25/kW		
Energy Charge per kWh:	Summer	Winter	
On-Peak	7.48 <u>57.416</u> ¢/kWh	6.19 <u>46.138</u> ¢/kWh	¢/kWh
Shoulder	5.71 <u>15.659</u> ¢/kWh	5.71 <u>35.661</u> ¢/kWh	¢/kWh
Off-Peak	3.23 <u>43.204</u> ¢/kWh	3.83 <u>13.796</u> ¢/kWh	¢/kWh
Demand Charge per kW: (minimum 80 kW)	Summer	Winter	
On-Peak	\$11.35 <u>7.51</u> /kW	\$9.59 <u>5.29</u> /kW	/kW
Shoulder	\$2.05 <u>2.78</u> /kW	\$2.05 <u>2.86</u> /kW	/kW
Off-Peak	\$0.00 /kW	\$0.00 /kW	/kW

TRANSMISSION SERVICE			
Customer Charge per Month:	\$120.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month per annual Max. kW: (minimum 80 kW)	\$0.00		
Energy Charge per kWh:	Summer	Winter	
On-Peak	6.74 <u>06.958</u> ¢/kWh	5.50 <u>95.686</u> ¢/kWh	¢/kWh
Shoulder	5.16 <u>95.336</u> ¢/kWh	5.10 <u>45.269</u> ¢/kWh	¢/kWh
Off-Peak	2.94 <u>83.044</u> ¢/kWh	3.44 <u>43.555</u> ¢/kWh	¢/kWh
Demand Charge per kW: (minimum 80 kW)	Summer	Winter	
On-Peak	\$7.66 <u>6.36</u> /kW	\$8.84 <u>5.00</u> /kW	/kW



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Shoulder	\$1.722.22 /kW	\$1.882.63 /kW
Off-Peak	\$0.00 /kW	\$0.00 /kW



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STANDBY RATE OPTIONS - FIRM AND NON-FIRM

OPTION A: FIRM STANDBY			
	Transmission Service	Primary Service	Secondary Service
Firm Standby Fixed Charges			
Customer Charge per Month	\$304.33/month	\$304.33/month	\$242.24/month
Minimum Monthly Bill	Customer + Reservation + Standby Facilities Charges	Customer + Reservation + Standby Facilities Charges	Customer + Reservation + Standby Facilities Charges
Summer Reservation Charge per month per kW of Contracted Backup Demand	58.422 ¢/kW	62.837 ¢/kW	65.645 ¢/kW
Winter Reservation Charge per month per kW of Contracted Backup Demand	19.898 ¢/kW	21.403 ¢/kW	22.355 ¢/kW
Standby Facilities Charge per month per kW of Contracted Backup Demand	Not Applicable	45.00 ¢/kW	55.00 ¢/kW
Firm Standby On-Peak Demand Charge - Summer			
Metered Demand per day per kW On-Peak Backup Charge	48.812 ¢/kW	52.464 ¢/kW	54.794 ¢/kW
Firm Standby On-Peak Demand Charge - Winter			
Metered Demand per day per kW On-Peak Backup Charge	37.42 ¢/kW	40.80 ¢/kW	43.005 ¢/kW
Firm Standby Energy Charges - Summer			
Energy Charges per kWh			
On-Peak Charge	6.7406.958 ¢/kWh	7.4857.416 ¢/kWh	6.8787.704 ¢/kWh
Shoulder Charge	5.1695.336 ¢/kWh	5.7115.659 ¢/kWh	5.2315.860 ¢/kWh
Off-Peak Charge	2.9483.044 ¢/kWh	3.2343.204 ¢/kWh	2.9493.303 ¢/kWh
Firm Standby Energy Charges - Winter			
Energy Charges per kWh			
On-Peak Charge	5.5095.686 ¢/kWh	6.1946.138 ¢/kWh	5.7386.427 ¢/kWh
Shoulder Charge	5.1045.269 ¢/kWh	5.7135.661 ¢/kWh	5.2765.910 ¢/kWh
Off-Peak Charge	3.4443.555 ¢/kWh	3.8313.796 ¢/kWh	3.5253.949 ¢/kWh



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OPTION B: NON-FIRM STANDBY			
	Transmission Service	Primary Service	Secondary Service
Non-Firm Standby Fixed Charges			
Customer Charge per Month	\$304.33/month	\$304.33/month	\$242.24/month
Minimum Monthly Bill	Customer + Reservation + Standby Facilities Charges	Customer + Reservation + Standby Facilities Charges	Customer + Reservation + Standby Facilities Charges
Reservation Charge per month per kW of Contracted Backup Demand	Not Available	Not Available	Not Available
Standby Facilities Charge per month per kW of Contracted Backup Demand	Not Applicable	45.00 ¢/kW	55.00 ¢/kW
Non-Firm Standby On-Peak Demand Charge - Summer			
Metered Demand per day per kW On-Peak Backup Charge	Not Available	Not Available	Not Available
Non-Firm Standby On-Peak Demand Charge - Winter			
Metered Demand per day per kW On-Peak Backup Charge	Not Available	Not Available	Not Available
Non-Firm Standby Energy Charges - Summer			
Energy Charges per kWh			
On-Peak Charge	Not Available	Not Available	Not Available
Shoulder Charge	5.1695.336 ¢/kWh	5.7115.659 ¢/kWh	5.2315.860 ¢/kWh
Off-Peak Charge	2.9483.044 ¢/kWh	3.2343.204 ¢/kWh	2.9493.303 ¢/kWh
Non-Firm Standby Energy Charges - Winter			
Energy Charges per kWh			
On-Peak Charge	Not Available	Not Available	Not Available
Shoulder Charge	5.1045.269 ¢/kWh	5.7135.661 ¢/kWh	5.2765.910 ¢/kWh
Off-Peak Charge	3.4443.555 ¢/kWh	3.8313.796 ¢/kWh	3.5253.949 ¢/kWh



Fergus Falls, Minnesota

IRRIGATION SERVICE

DESCRIPTION	RATE CODE
Option 1: Non-Time of Use	M703
Option 2: Time of Use	M704

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This Irrigation Service is applicable to Customers for pumping water for irrigation of land during the irrigation season, April 15 through November 1.

RATE:

OPTION 1			
Customer Charge per Month:	\$8.00		
Monthly Minimum Bill:	Customer + Fixed Charges		
Fixed Charge per Month:	Customer-Specific see Tariff		
Energy Charge per kWh:	Summer	Winter	
	8.1137.744 ¢/kWh	6.2635.978 ¢/kWh	

OPTION 2				
Customer Charge per Month:	\$18.00			
Monthly Minimum Bill:	Customer + Fixed Charges			
Fixed Charge per Month:	Customer-Specific see Tariff			
Energy Charge per kWh:	Summer	Winter		
	Declared-Peak	48.863 ¢/kWh	31.720 ¢/kWh	
	Intermediate	4.1353.689 ¢/kWh	4.5874.092 ¢/kWh	
Off-Peak	2.4312.168 ¢/kWh	4.1303.684 ¢/kWh		
Demand Charge per kW:	Summer	Winter		
	Declared-Peak	\$0.00 /kW	\$0.00 /kW	
	Intermediate	\$3.00 /kW	\$3.30 /kW	



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Off-Peak	\$0.00	/kW	\$0.00	/kW
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RATE – METERED:

MUNICIPAL HOLIDAY LIGHTING*/OUTDOOR LIGHTING - ENERGY ONLY	
Customer Charge per Month:	\$5.00
Monthly Minimum Bill:	Customer Charge
Facilities Charge per Month:	\$0.00
Energy Charge per kWh:	8.85 <u>8.507</u> ¢/kWh

* Municipal Holiday Lighting is billed on a calculated energy amount, determined by the number of lighting fixtures in service and their associated wattage during the holiday season. This rate is billed annually.

RATE – NON-METERED:

OUTDOOR LIGHTING –ENERGY ONLY
Monthly charge = Connected kW x \$30.27 <u>29.06</u> , where Connected kW is the rated power of the lighting fixture (including ballast)

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

SERVICE CONDITIONS: Company-owned lights shall not be attached to Customer-owned property.

The Company shall have the right to periodically review the Customer’s lighting equipment to verify that the rated power (kW) of the non-metered fixtures is consistent with the Company’s records.



Fergus Falls, Minnesota

**OUTDOOR LIGHTING
 DUSK TO DAWN**

DESCRIPTION	RATE CODE
Outdoor Lighting – CLOSED TO NEW INSTALLATIONS	M745

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to any Customer for automatically operated dusk to dawn outdoor lighting supplied and operated by the Company.

RATE:

<u>Unit type</u>	<u>Lumens</u>	<u>Wattage</u>	<u>Monthly Charge</u>
MV-6*	6000	175	\$8.44 <u>8.11</u>
MV-6PT*	6000	175	\$11.02 <u>10.59</u>
MV-11*	11000	250	\$15.78 <u>15.17</u>
MV-21*	21000	400	\$20.41 <u>19.62</u>
MV-35*	35000	750	\$30.75 <u>29.56</u>
MV-55*	55000	1000	\$42.24 <u>40.61</u>
MH-8	8500	100	\$9.60 <u>9.23</u>
MH-8PT	8500	100	\$13.65 <u>13.12</u>
MH-14	14000	175	\$18.29 <u>17.58</u>
MH-20	20500	250	\$20.88 <u>20.08</u>
MH-36	36000	400	\$20.49 <u>19.70</u>
MH-110	110000	1000	\$43.74 <u>42.05</u>
HPS-9	9000	100	\$9.39 <u>9.03</u>
HPS-9PT	9000	100	\$11.34 <u>10.90</u>
HPS-14	14000	150	\$14.56 <u>14.00</u>
HPS-14PT	14000	150	\$14.54 <u>13.97</u>
HPS-19	19000	200	\$16.87 <u>16.21</u>
HPS-23	23000	250	\$19.05 <u>18.32</u>
HPS-44	44000	400	\$23.61 <u>22.69</u>



Fergus Falls, Minnesota

Table with 4 columns: Fixture, Unit Type, Unit Type, Monthly Charge. Rows include 400 MV-Flood* Mercury Vapor (\$20.41), 400 MA-Flood Metal Additive (\$23.94), 400 HPS-Flood High Pressure Sodium (\$23.61), 1000 MV-Flood* Mercury Vapor (\$40.13), 1000 MA-Flood Metal Additive (\$44.36).

*Due to the U.S. Government Energy Act of 2005, after August 1, 2008, the Company will no longer install Mercury Vapor fixtures for new installations.

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

SEASONAL CUSTOMERS: Seasonal Customers will be billed at the same rate as year-around Customers, except as follows:

A fixed charge of \$32.79 will be billed each Seasonal Customer once per season per fixture in addition to the rate provided above. The fixed charge will be included in the first bill rendered for each season.

Each Seasonal Customer will be billed for the number of months each season that the outdoor lighting fixture is in use, but not less than a minimum of four months, plus the seasonal fixed charge.

UNDERGROUND SERVICE: If the Customer requests underground service to any outdoor lighting unit, the Company will supply up to 200 feet of wire and add an additional \$2.52 to the monthly rate specified above. If overhead service is not available, there is no additional charge. There is no additional charge for the MV-6 PT*, HPS-9 PT or the HPS-14 PT fixtures.



Fergus Falls, Minnesota

MUNICIPAL PUMPING SERVICE

DESCRIPTION	RATE CODE
Secondary Service	M871
Primary Service	M874

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to non-seasonal municipal or other governmental loads only. It shall apply to electric service for motor driven pumps for use at water pumping, sewage disposal and treating plants, sewage lift stations and may extend to all lighting and other electrical requirements incidental to the operation of such plants and lift stations at those locations. Municipal buildings adjacent to, but not incidental to pumping operation, may not be served on this rate.

The appropriate rate and monthly minimum shall apply to each Meter in service.

RATE:

	SECONDARY SERVICE		PRIMARY SERVICE	
Customer Charge per Month:	\$12.00		\$12.00	
Monthly Minimum Bill:	Customer + Facilities Charges		Customer + Facilities Charges	
Facilities Charge per Month per annual Maximum kW:	\$0.97 /kW		\$0.65 /kW	
Energy Charge per kWh:	Summer	Winter	Summer	Winter
	8.613 <u>8.293</u> ¢/kWh	6.713 <u>6.393</u> ¢/kWh	8.302 <u>7.993</u> ¢/kWh	6.402 <u>6.093</u> ¢/kWh



Fergus Falls, Minnesota

CIVIL DEFENSE – FIRE SIRENS

DESCRIPTION	RATE CODE
Civil Defense – Fire Sirens	M843

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to separately served civil defense and municipal fire sirens.

RATE:

CIVIL DEFENSE - FIRE SIRENS			
Customer Charge per Month:	\$1.07		
Monthly Minimum Bill:	Customer Charge		
Facilities Charge per Month:	\$0.00		
Charge per HP:	Summer	Winter	
	63.892 60.860 ¢/HP	63.892 60.860 ¢/HP	63.892 60.860 ¢/HP

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.



Fergus Falls, Minnesota

**LED STREET and AREA LIGHTING
DUSK TO DAWN**

DESCRIPTION	RATE CODE
LED Outdoor Lighting	M730

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to any Customer for automatically operated dusk to dawn outdoor lighting supplied and operated by the Company.

RATE:

LED TYPE	Approximate Lumens	Approximate Wattage	Monthly Charge
LED5	5175	47	\$9.39 <u>\$9.04</u>
LED8	9003	76	\$17.62 <u>\$16.96</u>
LED3PT	2759	26	\$11.30 <u>\$10.88</u>
LED5PT	5404	47	\$14.53 <u>\$13.99</u>
LED10	12388	95	\$18.91 <u>\$18.21</u>
LED13	16691	133	\$23.68 <u>\$22.80</u>
LED20 - Flood	23067	199	\$23.67 <u>\$22.79</u>
LED30 - Flood	32003	261	\$44.21 <u>\$42.57</u>

Appropriate standard wood pole is included in the Monthly Charge

ALUMINUM ALLOY POLES	Additional Monthly Charge
STANDARDS 30'	\$11.67
STANDARDS 40'	\$10.87

LED FLOOD VISOR	Additional Monthly Charge
Lighting Visor LED 20-Flood	\$0.76
Lighting Visor LED 30-Flood	\$1.38



Fergus Falls, Minnesota

Minnesota Public Utilities Commission
Section 11.07

**ELECTRIC RATE SCHEDULE
LED Street and Area Lighting
Dusk to Dawn**

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~~First~~ Second Revision

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders



Fergus Falls, Minnesota

WATER HEATING CONTROL RIDER

DESCRIPTION	RATE CODE
Separately Metered Water Heating Control Service	M191
Water Heating Credit Control Service	M192

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this rider.

AVAILABILITY: This rider is available for Customers with electric water heaters requesting controlled service; refer to Section 14.00 for the Voluntary Riders – Availability Matrix.

RATE:

SEPARATELY METERED WATER HEATING CONTROL SERVICE - 191		
Customer Charge per Month:	\$4.00	
Monthly Minimum Bill:	Customer + Facilities Charges	
Facilities Charge per Month:	\$0.00	
Energy Charge per kWh:	Summer	Winter
	7.14 <u>6.793</u> ¢/kWh	6.11 <u>5.808</u> ¢/kWh

WATER HEATING CREDIT CONTROL SERVICE - 192	
Monthly Credit:	\$8.00

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.



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During the control period the amount of ancillary load shall not exceed 5% of the metered maximum Demand measured during any period within the most recent 12 months. (For example, although a minimal amount of fan and/or pump load may be allowed under this provision, it is not intended to be applied to larger loads such as the non-conditioned fan load on low-temperature grain drying.)

If the Customer does not have a back-up heating system, it is not automatic, or it is inadequate, then the Company requires a primary electric heating Customer served on an interruptible rate to complete a Controlled Service Agreement acknowledging that the Customer is aware of the potential for property damage.

RATE:

OPTION 1			
Customer Charge per Month:	\$7.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month per annual Maximum kW:	\$0.18 /kW		
	Summer	Winter	
Energy Charge per kWh:	4.7654 <u>74</u> ¢/kWh	4.5324 <u>350</u> ¢/kWh	
Penalty kWh:	31.0203 <u>.211</u> ¢/kWh	13.8931 <u>4.075</u> ¢/kWh	
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			



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OPTION 2			
Customer Charge per Month:	\$7.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month per annual Maximum kW:	\$0.18 /kW		
	Summer		Winter
Energy Charge per kWh:	4.76 <u>54.574</u> ¢/kWh		4.53 <u>24.</u> ¢/kWh
Control Period Demand Charge per kW:	10.95 <u>10.5</u> /kW		8.50 <u>8.</u> /kW

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.
 Winter: October 1 through May 31.

PENALTY PERIODS – OPTION 1 ONLY: Penalty periods are defined as periods when the Company signals to interrupt the Customer’s load and the Customer’s equipment does not shed the load. Installation of a dual register Meter will be at the option of the Company. When a dual register Meter is installed, penalty usage will be recorded on the penalty register and the total register of the dual register Meters.

The penalty provision is not intended as a buy-through option. Under no circumstances should the penalty clause of this rider be interpreted as an approved buy-through option for service under this rider.

CONTROL CRITERIA: Service may be controlled up to a total of 24 hours during a 24-hour period, as measured from midnight to midnight. Short-duration cycling is approximately 15-minutes off / 15-minutes on of appropriate cooling equipment during the Summer Season (June 1-September



Fergus Falls, Minnesota

RATE:

CONTROLLED SERVICE - INTERRUPTIBLE LOAD – SELF-CONTAINED			
Customer Charge per Month:			\$4.00
Monthly Minimum Bill:		Customer + Facilities Charges	
Facilities Charge per Month:			\$8.00
		Summer	Winter
Energy Charge per kWh:	5.568 <u>5.315</u>	¢/kWh	5.223 <u>4.986</u> ¢/kWh
Penalty Charge per kWh:	39.803 <u>40.055</u>	¢/kWh	19.978 <u>20.214</u> ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.

Winter: October 1 through May 31.

PENALTY PERIODS: Penalty periods are defined as periods when the Company signals to interrupt the Customer’s load and the Customer’s equipment does not shed the load. Installation of a dual register Meter will be at the option of the Company. When a dual register Meter is installed, penalty usage will be recorded on the penalty register, and the total register of the dual register Meters.



Fergus Falls, Minnesota

Minnesota Public Utilities Commission
Section 14.06
ELECTRIC RATE SCHEDULE
Controlled Service – Deferred Load Rider
(Thermal Storage)

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Twenty-third-fourth Revision

RATE:

Table with 2 columns: Charge Type and Rate. Rows include Customer Charge per Month (\$4.00), Monthly Minimum Bill (Customer + Facilities Charges), Facilities Charge per Month (\$8.00), and Energy Charge per kWh (All kWh and Penalty kWh) for Summer and Winter seasons.

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00, and 14.00 of the Minnesota electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.
Winter: October 1 through May 31.

PENALTY PERIODS: Penalty periods are defined as periods when the Company signals to interrupt the Customer’s load and the Customer’s equipment does not shed the load. Installation of a dual register Meter will be at the option of the Company. When a dual register Meter is installed, penalty usage will be recorded on the penalty register, and the total register of the dual register Meters.

The penalty provision is not intended as a buy-through option. Under no circumstances should the penalty clause of this rider be interpreted as an approved buy-through option for service under this rider.

CONTROL CRITERIA: Service may be controlled for up to a total of 14 hours during a 24-hour period, as measured from midnight to midnight. Under normal circumstances the Company will schedule recovery time following control periods that approach continuous 14 hours. Short-duration



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cycling is 15-minutes off / 15-minutes on of appropriate cooling equipment during the Summer



Fergus Falls, Minnesota

RATE:

FIXED TIME OF SERVICE - Self-Contained Metering			
Customer Charge per Month:	\$3.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$4.00		
	Summer		Winter
Energy Charge per kWh:	2.82 <u>2.703</u> ¢/kWh		3.42 <u>3.280</u> ¢/kWh
Penalty:	7.495 ¢/kWh		5.233 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			

FIXED TIME OF SERVICE – CT Metering			
Customer Charge per Month:	\$4.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$24.00		
	Summer		Winter
Energy Charge per kWh:	2.82 <u>2.703</u> ¢/kWh		3.42 <u>3.280</u> ¢/kWh
Penalty:	7.495 ¢/kWh		5.233 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			



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FIXED TIME OF SERVICE – Primary CT Metering			
Customer Charge per Month:	\$5.50		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$12.00		
	Summer		Winter
Energy Charge per kWh:	2.81 <u>52.6</u>		3.41 <u>53.2</u>
	<u>92</u> ¢/kWh		<u>67</u> ¢/kWh
Penalty:	7.484 ¢/kWh		5.21 <u>95.2</u>
			<u>20</u> ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.
 Winter: October 1 through May 31.

PENALTY PERIODS: Penalty periods are defined as periods when the Company signals to interrupt the Customer’s load and the Customer’s equipment does not shed the load. Installation of a dual register Meter will be at the option of the Company. When a dual register Meter is installed, penalty usage will be recorded on the penalty register, and the total register of the dual register Meters.



Fergus Falls, Minnesota

OFF-PEAK ELECTRIC VEHICLE RIDER
 (Commonly identified as Off-Peak EV)

DESCRIPTION	RATE CODE
Off-Peak EV Service – Self-Contained Metering	M781
Off-Peak EV Service – Self-Contained Metering with Penalty/Unauthorized Use	M781P
Off-Peak EV Service – CT Metering	M782
Off-Peak EV Service – CT Metering with Penalty/Unauthorized Use	M782P
Off-Peak EV Service – Primary CT Metering	M783
Off-Peak EV Service – Primary CT Metering with Penalty/Unauthorized Use	M783P

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this rider.

AVAILABILITY: This rider is available to Customers to purchase electricity solely for the purpose of recharging an electric vehicle, as defined in Minnesota Statute § 216B.1614, Subd.1. The Company reserves the right, at any time, to require from the Customer the State of Minnesota vehicle registration and/or audit the interconnected facilities to verify customer compliance with Minnesota Statute § 216B.1614 and eligibility for this rate.

RATE:

Off-Peak Electric Vehicle Service – Self-Contained Metering		
Customer Charge per Month:	\$3.00	
Monthly Minimum Bill:	Customer + Facilities Charges	
Facilities Charge per Month:	\$4.00	
	Summer	Winter
Energy Charge per kWh:	1.49 <u>02.7</u> 03 ¢/kWh	2.09 <u>33.2</u> 80 ¢/kWh
Penalty:	7.495 ¢/kWh	5.233 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.		



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Off-Peak Electric Vehicle Service – CT Metering			
Customer Charge per Month:	\$4.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$24.00		
	Summer		Winter
Energy Charge per kWh:	1.490 <u>2.703</u> ¢/kWh		2.093 <u>3.280</u> ¢/kWh
Penalty:	7.495 ¢/kWh		5.233 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			

Off-Peak Electric Vehicle Service – Primary CT Metering			
Customer Charge per Month:	\$5.50		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$12.00		
	Summer		Winter
Energy Charge per kWh:	1.479 <u>2.692</u> ¢/kWh		2.079 <u>3.267</u> ¢/kWh
Penalty:	7.484 ¢/kWh		5.219 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the electric rates for the matrices of riders.



Fergus Falls, Minnesota

RESIDENTIAL SERVICE

DESCRIPTION	RATE CODE
Residential Service	M101

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to Residential Service as defined in the General Rules and Regulations.

RATE:

RESIDENTIAL SERVICE			
Customer Charge per Month:	\$9.75		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$0.00		
Energy Charge per kWh:	Summer		Winter
	10.540	¢/kWh	8.640 ¢/kWh

R

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

- Summer: June 1 through September 30.
- Winter: October 1 through May 31.



Fergus Falls, Minnesota

RESIDENTIAL DEMAND CONTROL SERVICE
(Commonly identified as RDC)

DESCRIPTION	RATE CODE
Residential Demand Control	M241

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to Residential Customers with a UL-approved Demand-control system.

RATE:

RESIDENTIAL DEMAND CONTROL SERVICE		
Customer Charge per Month:		\$11.00
Monthly Minimum Bill:	Customer + Facilities + Demand Charges	
Facilities Charge per Month:		\$0.00
Energy Charge per kWh:	Summer	Winter
	6.085 ¢/kWh	6.380 ¢/kWh
Demand Charge per kW:	Summer	Winter
	\$8.00 /kW	\$8.00 /kW

R



Fergus Falls, Minnesota

FARM SERVICE

DESCRIPTION	RATE CODE
Farm Service	M361

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to general Farm and home use. The Customer may elect to have the following service offerings in the farm home (for residential uses); Residential Service (Section 9.01) or Residential Demand Control Service Schedule (Section 9.02) if all the requirements specified for the schedules are satisfied.

RATE:

FARM SERVICE		
Customer Charge per Month:	\$18.50	
Monthly Minimum Bill:	Customer + Facilities Charges	
Facilities Charge per Month:		
Single-phase:	\$0.00	
Three-phase:	\$9.50	
Energy Charge per kWh:	Summer	Winter
	10.048 ¢/kWh	8.148 ¢/kWh

R

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.

Winter: October 1 through May 31.



Fergus Falls, Minnesota

SMALL GENERAL SERVICE
 Under 20 kW

DESCRIPTION	RATE CODE
Metered Service – under 20 kW – Secondary Service	M404
Metered Service – under 20 kW – Primary Service	M405
Non-metered Service - 1000 Watts or less – Secondary Service – CLOSED TO NEW INSTALLATIONS	M408

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to Three-phase Residential Customers, and both Single- and Three-phase nonresidential Customers. This schedule is not applicable for dusk to dawn outdoor lighting. Emergency and supplementary/standby service will be supplied only as allowed by law.

RATE:

	SECONDARY SERVICE		PRIMARY SERVICE	
Customer Charge per Month:	\$18.50		\$18.50	
Monthly Minimum Bill:	Customer + Facilities Charges		Customer + Facilities Charges	
Facilities Charge per Month:	\$0.00		\$0.00	
Energy Charge per kWh:	Summer	Winter	Summer	Winter
	9.708 ¢/kWh	7.808 ¢/kWh	9.358 ¢/kWh	7.458 ¢/kWh

R



Fergus Falls, Minnesota

Minnesota Public Utilities Commission
 Section 10.01
ELECTRIC RATE SCHEDULE
Small General Service

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 Sixth Revision

NON-METERED SERVICE-SECONDARY ONLY-1000 WATTS OR LESS ***CLOSED TO NEW INSTALLATIONS***		
Customer Charge per Month:	\$4.50	
Monthly Minimum Bill:	Customer + Facilities Charges	
Facilities Charge per Month:	\$0.00	
Energy Charge per kWh:	Summer	Winter
All kWh	8.235 ¢/kWh	8.235 ¢/kWh

R

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.
 Winter: October 1 through May 31.

TERMS AND CONDITIONS: The Customer may remain on the Small General Service schedule as long as Customer's maximum Demand does not equal or exceed 20 kW for more than two of the most recent 12 months. If the Customer achieves an actual Demand of 20 kW or greater for a third time in the most recent 12 months, the Customer will be placed on the General Service schedule (Section 10.02) in the next billing month.



Fergus Falls, Minnesota

GENERAL SERVICE
 20 kW or Greater

DESCRIPTION	RATE CODE
General Service – Secondary Service	M401
General Service – Primary Service	M403

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to Three-phase Residential Customers, and both Single and Three-phase nonresidential Customers with a measured Demand of at least 20 kW within the most recent 12 months. This schedule is not applicable for dusk to dawn outdoor lighting. Emergency and supplementary/Standby service will be supplied only as allowed by law.

RATE:

	SECONDARY SERVICE		PRIMARY SERVICE	
Customer Charge per Month:	\$27.00		\$24.00	
Monthly Minimum Bill:	Customer + Facilities + Demand Charges		Customer + Facilities + Demand Charges	
Facilities Charge per Month per annual max. kW: (minimum 20 kW)	\$0.97 /kW		\$0.65 /kW	
Energy Charge per kWh:	Summer	Winter	Summer	Winter
	7.123 ¢/kWh	7.469 ¢/kWh	6.884 ¢/kWh	7.161 ¢/kWh
Demand Charge per kW: (minimum 20 kW)	Summer	Winter	Summer	Winter
	\$3.63 /kW	\$1.39 /kW	\$4.02 /kW	\$1.89 /kW

R



Fergus Falls, Minnesota

GENERAL SERVICE - TIME OF USE

DESCRIPTION	RATE CODE
General Service – Time of Use	M708

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to nonresidential Customers with one Meter providing electrical service.

RATE:

GENERAL SERVICE - TIME OF USE			
Customer Charge per Month:	\$27.00		
Monthly Minimum Bill:	Customer + Facilities + Demand Charges		
Facilities Charge per Month per annual maximum kW: (minimum 20 kW)	\$0.97 /kW		
Energy Charge per kWh:	Summer	Winter	
Declared-Peak	53.978 ¢/kWh	28.109 ¢/kWh	
Intermediate	6.609 ¢/kWh	6.665 ¢/kWh	
Off-Peak	3.725 ¢/kWh	4.454 ¢/kWh	
Demand Charge per kW: (minimum 20 kW)	Summer	Winter	
Declared-Peak	N/A /kW	N/A /kW	
Intermediate	\$2.67 /kW	\$2.69 /kW	
Off-Peak	\$0.00 /kW	\$0.00 /kW	

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MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.



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LARGE GENERAL SERVICE

DESCRIPTION	RATE CODE
Secondary Service	M603
Primary Service	M602
Transmission Service	M632

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to nonresidential Customers. This schedule is not applicable for outdoor lighting. Emergency and supplementary/Standby service will be supplied only as allowed by law.

RATE:

SECONDARY SERVICE		
Customer Charge per Month:	\$80.00	
Monthly minimum Bill:	Customer + Facilities + Demand Charges	
Facilities Charge per Month per annual Max. kW: (minimum 80 kW)		
Less than 1000 kW:	\$0.55 /kW	
Greater than or equal to 1000 kW:	\$0.45 /kW	
Energy Charge per kWh:	Summer	Winter
	4.976 ¢/kWh	5.218 ¢/kWh
Demand Charge per kW: (minimum 80 kW)	Summer	Winter
	\$10.56 /kW	\$8.56 /kW

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PRIMARY SERVICE		
Customer Charge per Month:	\$80.00	
Monthly minimum Bill:	Customer + Facilities + Demand Charges	
Facilities Charge per Month per annual Max. kW: (minimum 80kW)		
All kW:	\$0.25 /kW	
Energy Charge per kWh:	Summer	Winter
	4.613 ¢/kWh	4.798 ¢/kWh
Demand Charge per kW: (minimum 80 kW)	Summer	Winter
	\$10.29 /kW	\$8.15 /kW

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TRANSMISSION SERVICE		
Customer Charge per Month:	\$80.00	
Monthly minimum Bill:	Customer + Facilities + Demand Charges	
Facilities Charge per Month per annual Max. kW: (minimum 80kW)		
All kW:	\$0.00 /kW	
Energy Charge per kWh:	Summer	Winter
	4.355 ¢/kWh	4.473 ¢/kWh
Demand Charge per kW: (minimum 80 kW)	Summer	Winter
	\$8.58 /kW	\$7.63 /kW

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LARGE GENERAL SERVICE - TIME OF DAY

DESCRIPTION	RATE CODE
Secondary Service	M611
Primary Service	M610
Transmission Service	M639

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to nonresidential Customers with a measured Demand of at least 80 kW within the most recent 12 months.

RATE:

SECONDARY SERVICE			
Customer Charge per Month:	\$120.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month			
per annual Max. kW: (minimum 80 kW)			
Less than 1000 kW:	\$0.55/kW		
Greater than or equal to 1000 kW:	\$0.45/kW		
Energy Charge per kWh:	Summer	Winter	
On-Peak	7.704 ¢/kWh	6.427 ¢/kWh	
Shoulder	5.860 ¢/kWh	5.910 ¢/kWh	
Off-Peak	3.303 ¢/kWh	3.949 ¢/kWh	
Demand Charge per kW:	Summer	Winter	
(minimum 80 kW)			
On-Peak	\$7.81 /kW	\$5.55 /kW	
Shoulder	\$2.75 /kW	\$3.01 /kW	
Off-Peak	\$0.00 /kW	\$0.00 /kW	

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PRIMARY SERVICE		
Customer Charge per Month:	\$120.00	
Monthly Minimum Bill:	Customer + Facilities Charges	
Facilities Charge per Month per annual Max. kW: (minimum 80 kW)	\$0.25/kW	
Energy Charge per kWh:	Summer	Winter
On-Peak	7.416 ¢/kWh	6.138 ¢/kWh
Shoulder	5.659 ¢/kWh	5.661 ¢/kWh
Off-Peak	3.204 ¢/kWh	3.796 ¢/kWh
Demand Charge per kW: (minimum 80 kW)	Summer	Winter
On-Peak	\$7.51 /kW	\$5.29 /kW
Shoulder	\$2.78 /kW	\$2.86 /kW
Off-Peak	\$0.00 /kW	\$0.00 /kW

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TRANSMISSION SERVICE		
Customer Charge per Month:	\$120.00	
Monthly Minimum Bill:	Customer + Facilities Charges	
Facilities Charge per Month per annual Max. kW: (minimum 80 kW)	\$0.00	
Energy Charge per kWh:	Summer	Winter
On-Peak	6.958 ¢/kWh	5.686 ¢/kWh
Shoulder	5.336 ¢/kWh	5.269 ¢/kWh
Off-Peak	3.044 ¢/kWh	3.555 ¢/kWh
Demand Charge per kW: (minimum 80 kW)	Summer	Winter
On-Peak	\$6.36 /kW	\$5.00 /kW
Shoulder	\$2.22 /kW	\$2.63 /kW
Off-Peak	\$0.00 /kW	\$0.00 /kW

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Fergus Falls, Minnesota

STANDBY RATE OPTIONS - FIRM AND NON-FIRM

OPTION A: FIRM STANDBY			
	Transmission Service	Primary Service	Secondary Service
Firm Standby Fixed Charges			
Customer Charge per Month	\$304.33/month	\$304.33/month	\$242.24/month
Minimum Monthly Bill	Customer + Reservation + Standby Facilities Charges	Customer + Reservation + Standby Facilities Charges	Customer + Reservation + Standby Facilities Charges
Summer Reservation Charge per month per kW of Contracted Backup Demand	58.422 ¢/kW	62.837 ¢/kW	65.645 ¢/kW
Winter Reservation Charge per month per kW of Contracted Backup Demand	19.898 ¢/kW	21.403 ¢/kW	22.355 ¢/kW
Standby Facilities Charge per month per kW of Contracted Backup Demand	Not Applicable	45.00 ¢/kW	55.00 ¢/kW
Firm Standby On-Peak Demand Charge - Summer			
Metered Demand per day per kW On-Peak Backup Charge	48.812 ¢/kW	52.464 ¢/kW	54.794 ¢/kW
Firm Standby On-Peak Demand Charge - Winter			
Metered Demand per day per kW On-Peak Backup Charge	37.42 ¢/kW	40.80 ¢/kW	43.005 ¢/kW
Firm Standby Energy Charges - Summer			
Energy Charges per kWh			
On-Peak Charge	6.958 ¢/kWh	7.416 ¢/kWh	7.704 ¢/kWh
Shoulder Charge	5.336 ¢/kWh	5.659 ¢/kWh	5.860 ¢/kWh
Off-Peak Charge	3.044 ¢/kWh	3.204 ¢/kWh	3.303 ¢/kWh
Firm Standby Energy Charges - Winter			
Energy Charges per kWh			
On-Peak Charge	5.686 ¢/kWh	6.138 ¢/kWh	6.427 ¢/kWh
Shoulder Charge	5.269 ¢/kWh	5.661 ¢/kWh	5.910 ¢/kWh
Off-Peak Charge	3.555 ¢/kWh	3.796 ¢/kWh	3.949 ¢/kWh

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OPTION B: NON-FIRM STANDBY			
	Transmission Service	Primary Service	Secondary Service
Non-Firm Standby Fixed Charges			
Customer Charge per Month	\$304.33/month	\$304.33/month	\$242.24/month
Minimum Monthly Bill	Customer + Reservation + Standby Facilities Charges	Customer + Reservation + Standby Facilities Charges	Customer + Reservation + Standby Facilities Charges
Reservation Charge per month per kW of Contracted Backup Demand	Not Available	Not Available	Not Available
Standby Facilities Charge per month per kW of Contracted Backup Demand	Not Applicable	45.00 ¢/kW	55.00 ¢/kW
Non-Firm Standby On-Peak Demand Charge - Summer			
Metered Demand per day per kW On-Peak Backup Charge	Not Available	Not Available	Not Available
Non-Firm Standby On-Peak Demand Charge - Winter			
Metered Demand per day per kW On-Peak Backup Charge	Not Available	Not Available	Not Available
Non-Firm Standby Energy Charges - Summer			
Energy Charges per kWh			
On-Peak Charge	Not Available	Not Available	Not Available
Shoulder Charge	5.336 ¢/kWh	5.659 ¢/kWh	5.860 ¢/kWh
Off-Peak Charge	3.044 ¢/kWh	3.204 ¢/kWh	3.303 ¢/kWh
Non-Firm Standby Energy Charges - Winter			
Energy Charges per kWh			
On-Peak Charge	Not Available	Not Available	Not Available
Shoulder Charge	5.269 ¢/kWh	5.661 ¢/kWh	5.910 ¢/kWh
Off-Peak Charge	3.555 ¢/kWh	3.796 ¢/kWh	3.949 ¢/kWh

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Fergus Falls, Minnesota

IRRIGATION SERVICE

DESCRIPTION	RATE CODE
Option 1: Non-Time of Use	M703
Option 2: Time of Use	M704

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This Irrigation Service is applicable to Customers for pumping water for irrigation of land during the irrigation season, April 15 through November 1.

RATE:

OPTION 1			
Customer Charge per Month:	\$8.00		
Monthly Minimum Bill:	Customer + Fixed Charges		
Fixed Charge per Month:	Customer-Specific see Tariff		
Energy Charge per kWh:	Summer	Winter	
	7.744 ¢/kWh	5.978 ¢/kWh	

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OPTION 2				
Customer Charge per Month:	\$18.00			
Monthly Minimum Bill:	Customer + Fixed Charges			
Fixed Charge per Month:	Customer-Specific see Tariff			
Energy Charge per kWh:	Summer	Winter		
	Declared-Peak	48.863 ¢/kWh	31.720 ¢/kWh	
	Intermediate	3.689 ¢/kWh	4.092 ¢/kWh	
	Off-Peak	2.168 ¢/kWh	3.684 ¢/kWh	
Demand Charge per kW:	Summer	Winter		
	Declared-Peak	\$0.00 /kW	\$0.00 /kW	
	Intermediate	\$3.00 /kW	\$3.30 /kW	
	Off-Peak	\$0.00 /kW	\$0.00 /kW	

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Fergus Falls, Minnesota

RATE – METERED:

MUNICIPAL HOLIDAY LIGHTING*/OUTDOOR LIGHTING - ENERGY ONLY	
Customer Charge per Month:	\$5.00
Monthly Minimum Bill:	Customer Charge
Facilities Charge per Month:	\$0.00
Energy Charge per kWh:	8.507 ¢/kWh

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* Municipal Holiday Lighting is billed on a calculated energy amount, determined by the number of lighting fixtures in service and their associated wattage during the holiday season. This rate is billed annually.

RATE – NON-METERED:

OUTDOOR LIGHTING –ENERGY ONLY
Monthly charge = Connected kW x \$29.06, where Connected kW is the rated power of the lighting fixture (including ballast)

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MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

SERVICE CONDITIONS: Company-owned lights shall not be attached to Customer-owned property.

The Company shall have the right to periodically review the Customer’s lighting equipment to verify that the rated power (kW) of the non-metered fixtures is consistent with the Company’s records.



Fergus Falls, Minnesota

**OUTDOOR LIGHTING
DUSK TO DAWN**

DESCRIPTION	RATE CODE
Outdoor Lighting – CLOSED TO NEW INSTALLATIONS	M745

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to any Customer for automatically operated dusk to dawn outdoor lighting supplied and operated by the Company.

RATE:

<u>Unit type</u>	<u>Lumens</u>	<u>Wattage</u>	<u>Monthly Charge</u>	
MV-6*	6000	175	\$8.11	R
MV-6PT*	6000	175	\$10.59	R
MV-11*	11000	250	\$15.17	R
MV-21*	21000	400	\$19.62	R
MV-35*	35000	750	\$29.56	R
MV-55*	55000	1000	\$40.61	R
MH-8	8500	100	\$9.23	R
MH-8PT	8500	100	\$13.12	R
MH-14	14000	175	\$17.58	R
MH-20	20500	250	\$20.08	R
MH-36	36000	400	\$19.70	R
MH-110	110000	1000	\$42.05	R
HPS-9	9000	100	\$9.03	R
HPS-9PT	9000	100	\$10.90	R
HPS-14	14000	150	\$14.00	R
HPS-14PT	14000	150	\$13.97	R
HPS-19	19000	200	\$16.21	R
HPS-23	23000	250	\$18.32	R
HPS-44	44000	400	\$22.69	R



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Table with 4 columns: Fixture, Unit Type, Unit Type, Monthly Charge. Rows include 400 MV-Flood* Mercury Vapor (\$20.41), 400 MA-Flood Metal Additive (\$23.01), 400 HPS-Flood High Pressure Sodium (\$22.69), 1000 MV-Flood* Mercury Vapor (\$38.57), 1000 MA-Flood Metal Additive (\$42.64).

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*Due to the U.S. Government Energy Act of 2005, after August 1, 2008, the Company will no longer install Mercury Vapor fixtures for new installations.

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

SEASONAL CUSTOMERS: Seasonal Customers will be billed at the same rate as year-around Customers, except as follows:

A fixed charge of \$32.79 will be billed each Seasonal Customer once per season per fixture in addition to the rate provided above. The fixed charge will be included in the first bill rendered for each season.

Each Seasonal Customer will be billed for the number of months each season that the outdoor lighting fixture is in use, but not less than a minimum of four months, plus the seasonal fixed charge.

UNDERGROUND SERVICE: If the Customer requests underground service to any outdoor lighting unit, the Company will supply up to 200 feet of wire and add an additional \$2.52 to the monthly rate specified above. If overhead service is not available, there is no additional charge. There is no additional charge for the MV-6 PT*, HPS-9 PT or the HPS-14 PT fixtures.



Fergus Falls, Minnesota

MUNICIPAL PUMPING SERVICE

DESCRIPTION	RATE CODE
Secondary Service	M871
Primary Service	M874

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to non-seasonal municipal or other governmental loads only. It shall apply to electric service for motor driven pumps for use at water pumping, sewage disposal and treating plants, sewage lift stations and may extend to all lighting and other electrical requirements incidental to the operation of such plants and lift stations at those locations. Municipal buildings adjacent to, but not incidental to pumping operation, may not be served on this rate.

The appropriate rate and monthly minimum shall apply to each Meter in service.

RATE:

	SECONDARY SERVICE		PRIMARY SERVICE	
Customer Charge per Month:	\$12.00		\$12.00	
Monthly Minimum Bill:	Customer + Facilities Charges		Customer + Facilities Charges	
Facilities Charge per Month per annual Maximum kW:	\$0.97 /kW		\$0.65 /kW	
Energy Charge per kWh:	Summer	Winter	Summer	Winter
	8.293 ¢/kWh	6.393 ¢/kWh	7.993 ¢/kWh	6.093 ¢/kWh

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Fergus Falls, Minnesota

CIVIL DEFENSE – FIRE SIRENS

DESCRIPTION	RATE CODE
Civil Defense – Fire Sirens	M843

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to separately served civil defense and municipal fire sirens.

RATE:

CIVIL DEFENSE - FIRE SIRENS			
Customer Charge per Month:	\$1.07		
Monthly Minimum Bill:	Customer Charge		
Facilities Charge per Month:	\$0.00		
Charge per HP:	Summer		Winter
	60.860 ¢/HP		60.860 ¢/HP

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MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.



Fergus Falls, Minnesota

**LED STREET and AREA LIGHTING
 DUSK TO DAWN**

DESCRIPTION	RATE CODE
LED Outdoor Lighting	M730

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to any Customer for automatically operated dusk to dawn outdoor lighting supplied and operated by the Company.

RATE:

LED TYPE	Approximate Lumens	Approximate Wattage	Monthly Charge
LED5	5175	47	\$9.04
LED8	9003	76	\$16.96
LED3PT	2759	26	\$10.88
LED5PT	5404	47	\$13.99
LED10	12388	95	\$18.21
LED13	16691	133	\$22.80
LED20 - Flood	23067	199	\$22.79
LED30 - Flood	32003	261	\$42.57

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Appropriate standard wood pole is included in the Monthly Charge

ALUMINUM ALLOY POLES	Additional Monthly Charge
STANDARDS 30'	\$11.67
STANDARDS 40'	\$10.87

LED FLOOD VISOR	Additional Monthly Charge
Lighting Visor LED 20-Flood	\$0.76
Lighting Visor LED 30-Flood	\$1.38

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders



Fergus Falls, Minnesota

WATER HEATING CONTROL RIDER

DESCRIPTION	RATE CODE
Separately Metered Water Heating Control Service	M191
Water Heating Credit Control Service	M192

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this rider.

AVAILABILITY: This rider is available for Customers with electric water heaters requesting controlled service; refer to Section 14.00 for the Voluntary Riders – Availability Matrix.

RATE:

SEPARATELY METERED WATER HEATING CONTROL SERVICE - 191		
Customer Charge per Month:	\$4.00	
Monthly Minimum Bill:	Customer + Facilities Charges	
Facilities Charge per Month:	\$0.00	
Energy Charge per kWh:	Summer	Winter
	6.793 ¢/kWh	5.808 ¢/kWh

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WATER HEATING CREDIT CONTROL SERVICE - 192	
Monthly Credit:	\$8.00

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.



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During the control period the amount of ancillary load shall not exceed 5% of the metered maximum Demand measured during any period within the most recent 12 months. (For example, although a minimal amount of fan and/or pump load may be allowed under this provision, it is not intended to be applied to larger loads such as the non-conditioned fan load on low-temperature grain drying.)

If the Customer does not have a back-up heating system, it is not automatic, or it is inadequate, then the Company requires a primary electric heating Customer served on an interruptible rate to complete a Controlled Service Agreement acknowledging that the Customer is aware of the potential for property damage.

RATE:

OPTION 1		
Customer Charge per Month:	\$7.00	
Monthly Minimum Bill:	Customer + Facilities Charges	
Facilities Charge per Month per annual Maximum kW:	\$0.18 /kW	
	Summer	Winter
Energy Charge per kWh:	4.574 ¢/kWh	4.350 ¢/kWh
Penalty kWh:	31.211 ¢/kWh	14.075 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.		

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OPTION 2			
Customer Charge per Month:	\$7.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month per annual Maximum kW:	\$0.18 /kW		
	Summer		Winter
Energy Charge per kWh:	4.574 ¢/kWh		4.350 ¢/kWh
Control Period Demand Charge per kW:	\$10.56 /kW		\$8.56 /kW

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MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:
 Summer: June 1 through September 30.
 Winter: October 1 through May 31.

PENALTY PERIODS – OPTION 1 ONLY: Penalty periods are defined as periods when the Company signals to interrupt the Customer’s load and the Customer’s equipment does not shed the load. Installation of a dual register Meter will be at the option of the Company. When a dual register Meter is installed, penalty usage will be recorded on the penalty register and the total register of the dual register Meters.

The penalty provision is not intended as a buy-through option. Under no circumstances should the penalty clause of this rider be interpreted as an approved buy-through option for service under this rider.

CONTROL CRITERIA: Service may be controlled up to a total of 24 hours during a 24-hour period, as measured from midnight to midnight. Short-duration cycling is approximately 15-minutes off / 15-minutes on of appropriate cooling equipment during the Summer Season (June 1-September



Fergus Falls, Minnesota

RATE:

CONTROLLED SERVICE - INTERRUPTIBLE LOAD – SELF-CONTAINED			
Customer Charge per Month:	\$4.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$8.00		
	Summer		Winter
Energy Charge per kWh:	5.315 ¢/kWh		4.986 ¢/kWh
Penalty Charge per kWh:	40.055 ¢/kWh		20.214 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			

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MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.

Winter: October 1 through May 31.

PENALTY PERIODS: Penalty periods are defined as periods when the Company signals to interrupt the Customer’s load and the Customer’s equipment does not shed the load. Installation of a dual register Meter will be at the option of the Company. When a dual register Meter is installed, penalty usage will be recorded on the penalty register, and the total register of the dual register Meters.



Fergus Falls, Minnesota

RATE:

CONTROLLED SERVICE - DEFERRED LOAD			
Customer Charge per Month:	\$4.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$8.00		
Energy Charge per kWh:	Summer		Winter
All kWh	6.551 ¢/kWh	6.523 ¢/kWh	
Penalty kWh	29.365 ¢/kWh	18.678 ¢/kWh	
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			

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MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00, and 14.00 of the Minnesota electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.
 Winter: October 1 through May 31.

PENALTY PERIODS: Penalty periods are defined as periods when the Company signals to interrupt the Customer’s load and the Customer’s equipment does not shed the load. Installation of a dual register Meter will be at the option of the Company. When a dual register Meter is installed, penalty usage will be recorded on the penalty register, and the total register of the dual register Meters.

The penalty provision is not intended as a buy-through option. Under no circumstances should the penalty clause of this rider be interpreted as an approved buy-through option for service under this rider.

CONTROL CRITERIA: Service may be controlled for up to a total of 14 hours during a 24-hour period, as measured from midnight to midnight. Under normal circumstances the Company will schedule recovery time following control periods that approach continuous 14 hours. Short-duration cycling is 15-minutes off / 15-minutes on of appropriate cooling equipment during the Summer



Fergus Falls, Minnesota

RATE:

FIXED TIME OF SERVICE - Self-Contained Metering		
Customer Charge per Month:		\$3.00
Monthly Minimum Bill:		Customer + Facilities Charges
Facilities Charge per Month:		\$4.00
	Summer	Winter
Energy Charge per kWh:	2.703 ¢/kWh	3.280 ¢/kWh
Penalty:	7.495 ¢/kWh	5.233 ¢/kWh
<p>During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.</p>		

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FIXED TIME OF SERVICE – CT Metering		
Customer Charge per Month:		\$4.00
Monthly Minimum Bill:		Customer + Facilities Charges
Facilities Charge per Month:		\$24.00
	Summer	Winter
Energy Charge per kWh:	2.703 ¢/kWh	3.280 ¢/kWh
Penalty:	7.495 ¢/kWh	5.233 ¢/kWh
<p>During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.</p>		

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Fergus Falls, Minnesota

FIXED TIME OF SERVICE – Primary CT Metering			
Customer Charge per Month:	\$5.50		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$12.00		
	Summer		Winter
Energy Charge per kWh:	2.692 ¢/kWh		3.267 ¢/kWh
Penalty:	7.484 ¢/kWh		5.220 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			

R
R

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the electric rates for the matrices of riders.

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.

Winter: October 1 through May 31.

PENALTY PERIODS: Penalty periods are defined as periods when the Company signals to interrupt the Customer’s load and the Customer’s equipment does not shed the load. Installation of a dual register Meter will be at the option of the Company. When a dual register Meter is installed, penalty usage will be recorded on the penalty register, and the total register of the dual register Meters.



Fergus Falls, Minnesota

OFF-PEAK ELECTRIC VEHICLE RIDER
 (Commonly identified as Off-Peak EV)

DESCRIPTION	RATE CODE
Off-Peak EV Service – Self-Contained Metering	M781
Off-Peak EV Service – Self-Contained Metering with Penalty/Unauthorized Use	M781P
Off-Peak EV Service – CT Metering	M782
Off-Peak EV Service – CT Metering with Penalty/Unauthorized Use	M782P
Off-Peak EV Service – Primary CT Metering	M783
Off-Peak EV Service – Primary CT Metering with Penalty/Unauthorized Use	M783P

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this rider.

AVAILABILITY: This rider is available to Customers to purchase electricity solely for the purpose of recharging an electric vehicle, as defined in Minnesota Statute § 216B.1614, Subd.1. The Company reserves the right, at any time, to require from the Customer the State of Minnesota vehicle registration and/or audit the interconnected facilities to verify customer compliance with Minnesota Statute § 216B.1614 and eligibility for this rate.

RATE:

Off-Peak Electric Vehicle Service – Self-Contained Metering			
Customer Charge per Month:	\$3.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$4.00		
	Summer		Winter
Energy Charge per kWh:	2.703 ¢/kWh		3.280 ¢/kWh
Penalty:	7.495 ¢/kWh		5.233 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			

R



Fergus Falls, Minnesota

Off-Peak Electric Vehicle Service – CT Metering			
Customer Charge per Month:	\$4.00		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$24.00		
	Summer		Winter
Energy Charge per kWh:	2.703 ¢/kWh		3.280 ¢/kWh
Penalty:	7.495 ¢/kWh		5.233 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			

R

Off-Peak Electric Vehicle Service – Primary CT Metering			
Customer Charge per Month:	\$5.50		
Monthly Minimum Bill:	Customer + Facilities Charges		
Facilities Charge per Month:	\$12.00		
	Summer		Winter
Energy Charge per kWh:	2.692 ¢/kWh		3.267 ¢/kWh
Penalty:	7.484 ¢/kWh		5.219 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			

R

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the electric rates for the matrices of riders.

Attachment 6

Customer Notice

New rates begin with this electric service statement

Effective April 1, 2019

On December 5, 2018, the Minnesota Public Utilities Commission (MNPUc) issued an order allowing our company to reduce our base electric rates and distribute a one-time customer refund due to the Tax Cut and Jobs Act of 2017.

Base rate reduction: We reduced our rates by 3.8718%, or approximately \$8 million. We've allocated this reduction proportionately to each of our customer classes.

One-time refund: In May 2019 we'll refund Minnesota customers 3.8718%, or approximately \$10 million, for the period prior to the implementation of new rates.

For more rate information contact Customer Service at 800-257-4044 or visit otpc.com.

CERTIFICATE OF SERVICE

**RE: In the Matter of a Commission Investigation into the Effects on Electric and Natural Gas Utility Rates and Services of the 2017 Federal Tax Act
Docket No. E, G999/CI-17-895**

I, Jana Hrdlicka, hereby certify that I have this day served a copy of the following, or a summary thereof, on Daniel P. Wolf and Sharon Ferguson by e-filing, and to all other persons on the attached service list by electronic service or by First Class Mail.

**Otter Tail Power Company
Compliance Filing**

Dated this **3rd** day of **January, 2019**

/s/ JANA HRDLICKA

Jana Hrdlicka, Regulatory Filings Coordinator
Otter Tail Power Company
215 South Cascade Street
Fergus Falls MN 56537
(218) 739-8879

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