

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

* * * * *

In the matter, on the Commission's own motion,)	
regarding the regulatory reviews, revisions,)	
determinations, and/or approvals necessary for)	Case No. U-17791
ALPENA POWER COMPANY to fully comply with)	
Public Acts 286 and 295 of 2008.)	
_____)	

At the August 14, 2015 meeting of the Michigan Public Service Commission in Lansing,
Michigan.

PRESENT: Hon. John D. Quackenbush, Chairman
Hon. Sally A. Talberg, Commissioner
Hon. Norman J. Saari, Commissioner

ORDER APPROVING SETTLEMENT AGREEMENT

On May 12, 2015, Alpena Power Company (Alpena) filed an application, with supporting testimony and exhibits, seeking biennial Commission approval of its renewable energy plan (REP) in accordance with 2008 PA 295, MCL 460.1001, *et seq.*, (Act 295).

A prehearing conference was held on June 16, 2015, before Administrative Law Judge Mark D. Eyster. Alpena and the Commission Staff participated in the proceedings. Subsequently, the parties submitted a settlement agreement resolving all issues in the case.

According to the terms of the settlement agreement, attached as Exhibit A, Alpena will comply with the renewable portfolio standards of Act 295 by purchasing its required renewable energy credits (RECs) from Consumers Energy Company (Consumers) through December 31, 2024, as required, and thereafter on the open market. Alpena revised its REP to take into account

a \$0.00 cost of RECs from Consumers effective July, 2014. The parties further agree that Alpena's net cost of renewable energy acquired under its amended plan is less than the levelized life-cycle cost of a new conventional coal-fired facility.

The total cost of implementation over the 20-year period of Alpena's REP is approximately \$1,874,300. Because the cost of RECs from Consumers has been reduced to \$0.00, Alpena is reducing its monthly REC surcharge to \$0.00 effective July 1, 2015, as set forth in Exhibit A-3 attached to the settlement agreement.

The parties agree that Alpena shall comply with the net-metering requirements of Act 295, including those provisions regarding the location of renewable generation assets used to meet the renewable standards. The parties further agree that because Alpena has all-requirements wholesale power supply agreements, Alpena will, when technically feasible, request that its wholesale suppliers purchase renewable energy from customers of Alpena that are generating with on-site renewable resources when such purchases may be economical to Alpena and the suppliers. The parties note that in no way does the request from Alpena obligate the suppliers to make such purchases.

The Commission finds that the settlement agreement is reasonable and in the public interest, and should be approved.

THEREFORE, IT IS ORDERED that:

- A. The settlement agreement, attached as Exhibit A, is approved.
- B. Alpena Power Company's renewable energy plan is approved.
- C. Alpena Power Company is authorized to revise its renewable energy surcharge, as shown at Exhibit A-3 to the settlement agreement, beginning July 1, 2015.
- D. Alpena Power Company shall continue to file annual reports with the Commission describing the status of compliance with the requirements of 2008 PA 295 on those dates as mandated by the Commission.
- E. Absent an earlier application filed by Alpena Power Company for authority to amend its plan, the renewable energy plan approved by this order shall be reviewed during the next biennial review period described in MCL 460.1021(8).

The Commission reserves jurisdiction and may issue further orders as necessary.

Any party desiring to appeal this order must do so in the appropriate Court within 30 days after issuance and notice of this order, under MCL 462.26. To comply with the Michigan Rules of Court's requirement to notify the Commission of an appeal, appellants shall send required notices to both the Commission's Executive Secretary and to the Commission's Legal Counsel.

Electronic notifications should be sent to the Executive Secretary at mpscedockets@michigan.gov and to the Michigan Department of the Attorney General - Public Service Division at pungpl@michigan.gov. In lieu of electronic submissions, paper copies of such notifications may be sent to the Executive Secretary and the Attorney General - Public Service Division at 7109 W. Saginaw Hwy., Lansing, MI 48917.

MICHIGAN PUBLIC SERVICE COMMISSION

John D. Quackenbush, Chairman

Sally A. Talberg, Commissioner

Norman J. Saari, Commissioner

By its action of August 14, 2015.

Mary Jo Kunkle, Executive Secretary

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter, on the Commission’s own motion,)	
regarding the regulatory reviews, revisions,)	
determinations, and/or approvals necessary for)	Case No. U-17791
ALPENA POWER COMPANY to fully comply with)	
Public Acts 286 and 295 of 2008)	
_____)	

SETTLEMENT AGREEMENT

Alpena Power Company (“Alpena”) by and through its attorney, James D. Florip, of the law firm of Gillard, Bauer, Mazrum, Florip, Smigelski & Gulden, and the Michigan Public Service Commission Staff (“Staff”) by and through its attorney, Assistant Attorney General Michael J. Orris, hereby present the following Settlement Agreement in resolution of the above matter:

RECITALS:

A. On May 12, 2015, Alpena filed an application with supporting testimony and exhibits for its 2013 Renewable Energy Plan Review and its request for approval of Alpena’s renewable energy plan in accordance with the “Clean, Renewable, and Efficient Energy Act,” 2008 PA 295, MCL 460.1001, *et seq.*, (“the Act”).

B. On May 19, 2015, the Commission issued its Notice of Hearing setting this matter for a prehearing Conference on June 16, 2015. Pursuant to the Commission’s directive, Alpena mailed a copy of the Notice of Hearing to all cities, incorporated villages, townships, and

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counties in its service area, and published the substance of the notice in a daily newspaper of general circulation within its service area.

C. Assistant Attorney General Michael J. Orris and Alpena's attorney, James D. Florip, attended the June 16, 2015 prehearing conference conducted by Administrative Law Judge Mark D. Eyster who reviewed the status of the case and created a case schedule.

D. Alpena and Staff commenced discussions after the prehearing conference resulting in this Settlement Agreement.

NOW, THEREFORE, Alpena and Staff agree as follows:

1. The parties agree that pursuant to this 2015 Renewable Energy Plan Review, Alpena's Renewable Energy Plan as approved in U-15804, ("Alpena's initial renewable energy plan"), and as revised in 2011 in U-16580, and last revised in 2013 in U-17300 is (1) reasonable and prudent and (2) the life-cycle cost of renewable energy acquired or generated under the plan less the projected life-cycle net savings associated with the provider's energy optimization plan does not exceed the expected life-cycle cost of electricity generated by a new conventional coal-fired facility; and is otherwise in conformity with the Act.

2. Alpena has entered a contract with Consumers Energy Company ("Consumers") to purchase approximately 360,000 Renewable Energy Credits ("RECs"), all of its required RECs for the time period ending December 31, 2024. Alpena's "Renewable Energy Credit Sale Agreement" ("the Contract") with Consumers terminates December 31, 2024, coincident with the termination date of Alpena's 30-year Wholesale for Resale Electric Service contract with

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Consumers. Alpena originally estimated a cost of \$30.37 per REC in its initial filing in U-15804. Alpena estimated a cost of \$10.91 per REC in its 2011 plan review case in U-16580; and \$8.93 per REC for its 20-year renewable energy program as provided in its 2013 plan review in U-17300. As Consumers has eliminated its Renewable Energy Surcharge effective July, 2014, Alpena will eliminate its Renewable Energy Surcharge as of July 1, 2015. Alpena will employ a reasonable and prudent strategy to acquiring RECs past 2024, after its current power purchase agreement with Consumers expires, from Consumers or another REC supplier. In light of the revised REC cost summary, Alpena presents a Twenty-Year Renewable Energy Plan Surcharge Summary, revised from its 2015 Plan, attached hereto as Exhibit A-1, Schedule 1.

3. The total cost of implementation over the 20-year period of Alpena's Renewable Energy Plan is approximately \$1,874,300. Consumers estimates Alpena has \$348,787 left to pay over the remaining life of the Consumers/Alpena RECs contract. Alpena has recovered the costs associated with implementation of its Renewable Energy Plan by imposing a levelized monthly Renewable Energy Surcharge, as shown on Exhibit A-1, Schedule 2, Renewable Energy Program - Determination of Charges by Classification, implemented by the proposed revised tariff sheet D-4.90, across its various customer classifications as shown therein, commencing July 1, 2015. Alpena's current over-recovery is approximately \$549,879 as of year end 2014. Due to Consumers' reduction of its surcharge to \$0.00, Alpena's surcharge to its customers will be \$0.00 as of July 1, 2015.

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4. Alpena has determined that the life-cycle cost of all energy including renewable energy acquired under its herein revised renewable energy plan is \$68.51 per MWh. The total cost of all energy including renewable energy for the twenty-year plan period was determined by computing a monthly average (utilizing 2012 figures) of total system costs, which is \$64.51 per MWh, and adding to that its levelized cost of RECs as contained in its renewable energy plan, as revised herein, of \$3.93 per MWh, therefore totaling \$68.512 per MWh. Even without factoring in any savings associated with Alpena's energy optimization plan, its net cost of renewable energy under its plan, as revised herein, is less than the levelized life-cycle cost of energy generated by a new conventional coal-fired facility, i.e., \$133 per MWh, as determined by Commission staff. See Exhibit A-2.

5. Alpena will continue to file its annual reports regarding its actions taken to comply with the renewable energy standards as required by Section 51 of the Act, and continue to file its annual renewable cost reconciliation proceedings as required by Section 49 of the Act, on those dates as mandated by the Commission.

6. Upon request, Alpena will provide to all customers relevant factual educational information, either provided by the Commission or produced by Alpena, about the production of on-site renewable energy, self-service power, interconnecting with the grid, net metering, relevant tariffs available, and the sale of renewable energy credits into the market when one is established. Such information shall include referrals to Commission or other State of Michigan websites, where customers can obtain appropriate information on all aspects of renewable

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energy. Alpena shall comply with the net-metering requirements of PA 295 of 2008, including those provisions regarding the location of renewable generation assets used to meet the renewable standards. Since Alpena has an all-requirements wholesale power supply agreement, Alpena will, when technically feasible, request its wholesale supplier purchase renewable energy from customers of Alpena that are generating with on-site renewable resources when such purchase may be economical to the supplier and Alpena. However, in no way does the request from Alpena obligate the supplier to make such purchases.

7. Exhibit A-3 hereto contains Alpena's proposed tariff sheet implementing the Renewable Energy Surcharge.

8. It is the opinion of the parties that this Settlement Agreement will promote the public interest; this Settlement Agreement is intended for final disposition of this proceeding; and the parties join in respectfully requesting the Commission to grant prompt approval of the Agreement.

9. This Settlement Agreement will become binding upon the parties only if the Commission accepts and approves the same without modification. If the Commission does not approve this Settlement Agreement without modifications, this Agreement shall be withdrawn and shall not constitute any part of the record in the proceeding or be used for any purpose whatsoever.


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10. This Settlement Agreement has been made for the sole and express purpose of reaching a compromise that promotes administrative efficiency and is without prejudice to the rights of the parties to take new or different positions in other proceedings. All offers of settlement and discussions relating to this Agreement shall be considered privileged under MRE 408. If the Commission approves this Agreement without modification, the parties shall make no reference to or use of this Agreement or the order approving it as a reason, authority, rationale, or example for taking any action or position or making any subsequent decision in any other case or proceedings; provided, however, such references or use may be made to enforce the Agreement and Order.

11. All parties waive Section 81 of the Administrative Procedures Act of 1969, as amended, MCL 24.281.

Date: July 23, 2015

MICHIGAN PUBLIC SERVICE COMMISSION

By: 
Michael J. Orris (P51232)
Its: Attorney

Dated: July 23, 2015

ALPENA POWER COMPANY

By: James D. Florip
James D. Florip (P26861)
Its: Attorney

Digitally signed by James D. Florip
DN: cn=James D. Florip, o=ou,
email=jflorip@glilardlaw.com,
c=US
Date: 2015.07.23 15:26:53
+0400

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**ALPENA POWER COMPANY
CASE NO. U-17791**

EXHIBIT A-1

INDEX

SCHEDULE 1 Twenty-Year Renewable Program Summary

Twenty Year Renewable Energy Plan Surcharge Summary

Units	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
3 Year Running Avg Sales Forecast	MWH	321,980.4	320,057.0	324,420.7	321,914.0	329,745.9	330,472.0	339,928.8	339,928.8	339,928.8	339,928.8	339,928.8	339,928.8	339,928.8	339,928.8	339,928.8	339,928.8	339,928.8	339,928.8	339,928.8	339,928.8
RPS Requirement	MWH	0.0	0.0	0.0	6,438.3	10,881.6	16,523.6	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9
RPS Required RECs	RECS	0.0	0.0	0.0	6,438.3	10,881.6	16,523.6	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9
- RECs from Existing Renew Energy Supply (Pre F	RECS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Required RECs	RECS	0.0	0.0	0.0	6,438.3	10,881.6	16,523.6	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9
RPS Renewable Energy Credit Compliance							4,960.5	3,931.3	6,075.4	3,858.9	3,787.2	5,368.6	3,536.3	5,657.9	4,117.4	3,087.8	4,550.0	4,290.0	4,290.0	4,550.0	2,752.0
Required RECs	RECS	0.0	0.0	0.0	6,438.3	10,881.6	16,523.6	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	33,992.9	22,661.9
RECS Obtained	RECS	0.0	0.0	0.0	13,618.0	14,068.0	18,040.0	38,158.0	30,241.0	46,734.0	29,684.0	29,132.0	41,297.0	27,202.0	43,522.0	31,672.0	23,752.0	35,000.0	33,000.0	33,000.0	35,000.0
RECs Compliance Balance	RECS	0.0	0.0	0.0	7,179.7	3,186.4	1,516.4	4,165.1	-3,751.9	12,741.1	-4,308.9	-4,860.9	7,304.1	-6,790.9	9,529.1	-2,320.9	-10,240.9	1,007.1	-992.9	-992.9	1,007.1
RECs Compliance %	%	N/M	N/M	N/M	211.5%	129.3%	109.2%	112.3%	89.0%	137.5%	87.3%	85.7%	121.5%	80.0%	128.0%	93.2%	69.9%	103.0%	97.1%	97.1%	103.0%
RECs Eligible for Carryover	RECS	0.0	0.0	0.0	0.0	0.0	0.0	4,165.1	413.2	13,154.3	8,845.4	3,984.5	11,288.6	4,497.7	14,026.8	11,705.9	1,465.0	2,472.1	1,479.2	486.3	1,493.4
Revenue Requirement																					
Build/BOT	\$Thous	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PPA	\$Thous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Purchases (Sales)	\$Thous	-	-	-	390.7	786.2	348.7	262.8	85.9	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$Thous	\$ -	\$ -	\$ -	\$ 390.7	\$ 786.2	\$ 348.7	\$ 262.8	\$ 85.9	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECs Obtained																					
Generation Based																					
Build/BOT	RECS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PPA	RECS	0.0	0.0	0.0	11,855.0	12,195.0	15,796.0	33,198.0	26,310.0	40,659.0	25,826.0	25,345.0	35,929.0	23,666.0	37,865.0	27,555.0	20,665.0	30,450.0	28,710.0	28,710.0	30,450.0
Subtotal	RECS	0.0	0.0	0.0	11,855.0	12,195.0	15,796.0	33,198.0	26,310.0	40,659.0	25,826.0	25,345.0	35,929.0	23,666.0	37,865.0	27,555.0	20,665.0	30,450.0	28,710.0	28,710.0	30,450.0
Purchase (Sold), net	RECS	0.0	0.0	0.0	-13,618.0	-14,068.0	-18,040.0	-38,158.0	-30,241.0	-46,734.0	-29,684.0	-29,132.0	-41,297.0	-27,202.0	-43,522.0	-31,672.0	-23,752.0	-35,000.0	-33,000.0	-33,000.0	-35,000.0
Incentive (Act 295 Sec 39 (2))	RECS	0.0	0.0	0.0	1,763.0	1,873.0	2,244.0	4,960.0	3,931.0	6,075.0	3,858.0	3,787.0	5,368.0	3,536.0	5,657.0	4,117.0	3,087.0	4,550.0	4,290.0	4,290.0	4,550.0
Total	RECS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Forecasted Transfer Price (Not applicable = \$0)	\$/MWH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amount Recovered through PSCR	\$Thous	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Incremental Cost of Compliance	\$Thous	\$ -	\$ -	\$ -	\$ 390.7	\$ 786.2	\$ 348.7	\$ 262.8	\$ 85.9	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-Volumetric Surcharge																					
Meter (or Customer) Forecast																					
Residential	1s	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720
Secondary	1s	4,006	4,006	4,006	4,006	4,006	3,969	3,969	3,969	3,969	3,969	3,969	3,969	3,969	3,969	3,969	3,969	3,969	3,969	3,969	3,969
Primary	1s	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Total	1s	17,736	17,736	17,736	17,736	17,735	17,698	17,698	17,698	17,698	17,698	17,698	17,698	17,698	17,698	17,698	17,698	17,698	17,698	17,698	17,698
Planned Surcharge Rate																					
Residential	\$/month	\$ 3.00	\$ 3.00	\$ 3.00	\$ 0.24	\$ 0.24	\$ 0.24	\$ 0.24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Secondary (Weighted Average)	\$/month	\$ 6.67	\$ 6.67	\$ 6.67	\$ 1.81	\$ 1.81	\$ 1.81	\$ 1.81	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Primary (Weighted Average)	\$/month	\$ 187.50	\$ 187.50	\$ 187.50	\$ 28.00	\$ 28.00	\$ 32.80	\$ 32.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planned Surcharge																					
Residential	\$Thous	\$ 164.8	\$ 494.6	\$ 493.7	\$ 64.9	\$ 39.6	\$ 39.5	\$ 19.8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Secondary	\$Thous	\$ 104.7	\$ 310.8	\$ 310.7	\$ 94.6	\$ 83.8	\$ 84.9	\$ 43.4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Primary	\$Thous	\$ 7.5	\$ 22.3	\$ 22.2	\$ 3.7	\$ 3.0	\$ 4.8	\$ 1.6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$Thous	\$ 277.0	\$ 827.7	\$ 826.6	\$ 163.2	\$ 126.4	\$ 129.2	\$ 64.8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Year End Regulatory Balance																					
Proposed Minimum	\$Thous	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Forecast	\$Thous	277.0	827.7	826.6	(227.5)	(659.8)	(219.5)	(198.0)	(85.9)	-	-	-	-	-	-	-	-	-	-	-	
Carrying Charges (Short-term interest)	\$Thous	1.5	16.3	35.1	43.7	29.1	19.2	12.3	8.1	6.3	6.5	6.6	6.8	6.9	7.1	7.3	7.4	7.6	7.8	7.9	
Case U-17320 correction							423.9														
Total Year End Regulatory Balance	\$Thous	\$ 278.5	\$ 1,122.5	\$ 1,984.2	\$ 1,800.4	\$ 1,169.7	\$ 545.5	\$ 359.8	\$ 282.0	\$ 288.3	\$ 294.8	\$ 301.4	\$ 308.2	\$ 315.2	\$ 322.3	\$ 329.5	\$ 336.9	\$ 344.5	\$ 352.3	\$ 360.2	\$ 368.3

**ALPENA POWER COMPANY
CASE NO. U-17791**

EXHIBIT A-2

LIFE-CYCLE COST TEST

Michigan Public Service Commission
Alpena Power Company

Case No.: U-17791
Exhibit: A-2
Schedule: 1
Goodburne

Life Cycle Cost Test

2012 Total System Cost	\$64.58
20-Year Levelized REC Cost	<u>3.93</u>
Total System Cost	\$68.51
Levelized Life Cycle Cost of New Coal Plant	\$133.00

**ALPENA POWER COMPANY
CASE NO. U-17791**

EXHIBIT A-3

TARIFF SHEET

SURCHARGES
 (continued from Sheet No. D-4.01)

<u>Rate Schedule</u>	<u>Renewable Energy Surcharge Effective July 2015 Bill Month</u>	<u>Energy Optimization Surcharge Effective January 2016 Bill Month</u>
Residential	\$0.00/meter/month	<i>\$0.00269/kWh</i>
General Service	\$0.00/meter/month	<i>\$2.67/meter/month</i>
Standard Power	\$0.00/meter/month	<i>\$42.17/meter/month</i>
Large Power (less than 13,200 volts)	\$0.00/meter/month	<i>\$305.26/meter/month</i>
Large Power (13,200 volts or higher)	\$0.00/meter/month	<i>\$305.26/meter/month</i>
Large Industrial (13,200 volts or lower)	\$0.00/meter/month	<i>\$1,181.25/meter/month</i>
Large Industrial (higher than 13,200 volts)	\$0.00/meter/month	<i>\$854.50/meter/month</i>
Large Industrial (>13,200 volts-Self Direct)	\$0.00/meter/month	<i>\$239.08/meter/month</i>
Outdoor Protective Lighting (100 watt)	\$0.00/light/month	<i>\$0.23/light/month</i>
Outdoor Protective Lighting (250 watt)	\$0.00/light/month	<i>\$0.39/light/month</i>
Street & Highway Lighting	\$0.00/light/month	<i>\$0.19/light/month</i>
Special Power Contracts(Self Direct)	\$0.00/meter/month	<i>\$567.00/meter/month</i>

Issued June 1, 2015 by
 Ann K. Burton, President
 Alpena, MI 49707

Effective for services rendered on
 and after July 1, 2015

Issued under authority of the
 Michigan Public Service Commission

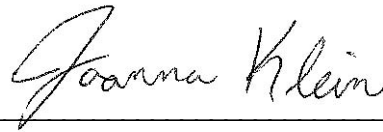
P R O O F O F S E R V I C E

STATE OF MICHIGAN)

Case No. U-17791

County of Ingham)

Joanna Klein being duly sworn, deposes and says that on August 14, 2015 A.D. she served a copy of the attached Commission order by first class mail, postage prepaid, or by inter-departmental mail, to the persons as shown on the attached service list.



Joanna Klein

Subscribed and sworn to before me
This 14th day of August 2015

Steven J. Cook
Notary Public, Ingham County, Michigan
As acting in Eaton County
My Commission Expires: April 30, 2018

Service List U-17791

Alpena Power Company
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