

STATE OF MICHIGAN  
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

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In the matter of the application of	)	
<b>ALPENA POWER COMPANY</b>	)	
for authority to increase its rates for the	)	Case No. U-21045
sale of electricity.	)	
_____	)	

At the December 22, 2021 meeting of the Michigan Public Service Commission in Lansing,  
Michigan.

PRESENT: Hon. Daniel C. Scripps, Chair  
Hon. Tremaine L. Phillips, Commissioner  
Hon. Katherine L. Peretick, Commissioner

**ORDER APPROVING SETTLEMENT AGREEMENT**

On June 18, 2021, Alpena Power Company (Alpena) filed an application, with supporting testimony and exhibits, for approval of an annual revenue increase of \$2,277,122, based on a 2022 projected test year. Alpena also requested authority to revise depreciation rates, to address in base rates the effects of the federal Tax Cuts and Jobs Act of 2017 (TCJA) Calculation C impact, and to defer and amortize costs relating to this proceeding.

A prehearing conference was held on July 16, 2021, before Administrative Law Judge Sharon L. Feldman (ALJ), at which the ALJ granted intervention to the Michigan Department of Attorney General and the Citizens Utility Board of Michigan. The Commission Staff (Staff) also participated in the proceeding. Subsequently, the parties submitted a settlement agreement resolving all issues in the case.

According to key provisions of the settlement agreement, the parties agree that Alpena's tariffs should be revised to reflect an annual revenue increase of approximately \$1,250,000, as reflected in Attachment 1 to the settlement agreement, effective for service on and after January 1, 2022. The agreed-upon rates are cost-based and include an authorized rate of return on common equity of 9.85% and an overall rate of return of 5.52%, as provided in the revised tariff sheets set forth in Attachment 3 to the settlement agreement. Attachment 3 of the settlement agreement also reflects miscellaneous tariff changes agreed upon by the parties.

The parties further agree that the revised rates reflect a new power supply cost recovery base of 73.34 mills per kilowatt-hour; and, effective January 1, 2022, Alpena shall utilize revised annual depreciation accrual rates as set forth in Attachment 2 to the settlement agreement.

The parties further agree that Alpena shall file a depreciation case, separate from a general rate case, within five years of the Commission's order approving the settlement agreement.

The parties further agree that Alpena shall add four new tariffs, including a Residential Plug-In Electric Vehicle Service tariff, a General Service Plug-In Electric Vehicle Service tariff, an Efficient Electric Heat Service tariff, and a Distributed Generation tariff, as set forth in Attachment 3 to the settlement agreement.

The parties further agree that Alpena shall implement a Low-Income Assistance Service Provision as set forth in Attachment 3 to the Settlement Agreement, shall make a one-time donation of \$50,000 for Low Income Utility Bill Assistance, shall work with the Staff to develop and file for approval of a pilot program for expanded use of electric vehicle charging stations, and shall work with the Staff to develop and file a distribution system plan.

The parties further agree that the TCJA Calculation C amounts shall be rolled into Alpena's base rates, and that the tariff sheets in Attachment 3 to the settlement agreement reflect the roll-in.

The parties further agree that the total increase to the Outdoor Protective Lighting Service and Street and Highway Lighting Service tariffs will be implemented by Alpena over a six-year period, that the annual shortfall will be distributed to the other jurisdictional rates based on rate base, and that the implementation period will be revisited if Alpena files a general rate case before the expiration of the six-year period.

The parties further agree that Alpena should be authorized to defer and amortize costs associated with this proceeding over a three-year period and to record deferred taxes related thereto.

The Commission has reviewed the settlement agreement and finds that the public interest is adequately represented by the parties who entered into the settlement agreement. The Commission further finds that the settlement agreement is in the public interest, represents a fair and reasonable resolution of the proceeding, and should be approved.

THEREFORE, IT IS ORDERED that:

- A. The settlement agreement, attached as Exhibit A, is approved.
- B. The revised rates and tariffs set forth in Attachment 3 to the settlement agreement are approved and shall become effective January 1, 2022.
- C. The revised annual depreciation accrual rates set forth in Attachment 2 to the settlement agreement are approved and shall take effect January 1, 2022.
- D. Within 30 days of the issuance of this order, Alpena Power Company shall file with the Commission tariff sheets essentially the same as those set forth in Attachment 3 to the settlement agreement.
- E. Within five years from the date of this order, Alpena Power Company shall file a depreciation case that is separate from a general rate case.

F. Alpena Power Company shall work with the Commission Staff to develop and file for approval of a pilot program for expanded use of electric vehicle charging stations and develop and file a distribution system plan.

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, pursuant to MCL 462.26. To comply with the Michigan Rules of Court's requirements 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](mailto:mpscedockets@michigan.gov) and to the Michigan Department of the Attorney General-Public Service Division at [pungpl@michigan.gov](mailto: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, Michigan 48917.

MICHIGAN PUBLIC SERVICE COMMISSION

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Daniel C. Scripps, Chair

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Tremaine L. Phillips, Commissioner

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Katherine L. Peretick, Commissioner

By its action of December 22, 2021.

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Lisa Felice, Executive Secretary

STATE OF MICHIGAN  
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the application of )  
ALPENA POWER COMPANY )  
for authority to increase its rates for the )  
sale of electricity. )  
\_\_\_\_\_ )

**Case No. U-21045**

**SETTLEMENT AGREEMENT**

Alpena Power Company ("Alpena"), by and through its attorney, Timothy M. Gulden; the Michigan Public Service Commission Staff ("Staff"), by and through its attorneys, Daniel E. Sonneveldt and Amit T. Singh; the Attorney General of Michigan ("the Attorney General"), by and through her attorney, Michael E. Moody; and Citizens Utility Board of Michigan ("CUB"), by and through its attorney, John R. Liskey, hereby present this Settlement Agreement in resolution of the above matter:

1. On June 18, 2021, Alpena filed its application with supporting testimony and exhibits, for approval of an annual increase in jurisdictional revenue of \$2,277,122. In addition, Alpena's application and supporting testimony sought:

- a) be authorized to earn an overall return of 6.52%, including a rate of return of 11.50% on common equity;

SETTLEMENT AGREEMENT  
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- b) a revised PSCR base rate of 73.34 mills;
- c) the approval of four new tariffs, including: Residential Plug-In Electric Vehicle, General Service Plug-In Electric Vehicle, Efficient Electric Heat Service, and Distributed Generation Tariff;
- d) revised depreciation rates to become effective upon the same day that the Commission's order granting rate relief in this proceeding is effective;
- e) approval, for accounting purposes, to defer and amortize the costs associated with this proceeding over a three-year period, and to record deferred taxes related thereto; and
- f) the inclusion in base rates of the effects of the Tax Cuts and Jobs Act Calculation

2. On June 21, 2021, the Commission issued its Notice of Hearing scheduling a pre-hearing conference for July 16, 2021, before Administrative Law Judge Sharon L. Feldman.

3. In accordance with the directives of the Commission, Alpena gave notice of the prehearing conference throughout its service territory. Alpena electronically filed its proof of service and affidavit of publication of the Notice of Hearing with the Commission on July 14, 2021.

4. At the July 16, 2021, prehearing conference, it was established that Alpena timely served and published the Notice of Hearing. In addition, a case schedule was established.

5. On September 29, 2021, Alpena, Staff, the Attorney General, and CUB conducted

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settlement discussions that led to the agreements incorporated in this Settlement Agreement.

6. The parties agree that this Settlement Agreement will aid in the expeditious conclusion of this matter and will minimize the expense of this proceeding by both Alpena and the Commission.

7. This Settlement Agreement resolves this case, and all provisions of this agreement are dependent upon all other provisions.

8. Alpena, Staff, the Attorney General, and CUB agree as follows:

- A. Alpena should be authorized to revise its tariffs to reflect an annual revenue increase of approximately \$1,250,000 effective for service rendered on and after January 1, 2022.
- B. On a class-by-class basis, the tariff sheets in Attachment 3 implement percentage rate increases as set forth in Attachment 1 hereto. The residential service tariff increase for 2022 in this settlement is approximately 5.19%.
- C. The agreed upon rates reflect an authorized rate of return on common equity of 9.85% and an overall rate of return of 5.52%.
- D. The revised rates reflect a new Power Supply Cost Recovery ("PSCR") base of 73.34 mills per kWh at the generation level.
- E. Alpena shall utilize revised annual depreciation accrual rates as set forth in Attachment 2.
- F. Alpena shall file a depreciation case, separate from a general rate case, within five years of the order approving this settlement agreement.

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- G. Alpena should be authorized to defer and amortize costs associated with this proceeding over a three-year period and to record deferred taxes related thereto.
- H. Alpena shall add four new tariffs, including: Residential Plug-In Electric Vehicle, General Service Plug-In Electric Vehicle, Efficient Electric Heat, and Distributed Generation Tariff, as set forth in Attachment 3.
- I. Alpena shall implement a Low-Income Assistance Service Provision as set forth in Attachment 3.
- J. Alpena shall make a one-time donation of \$50,000 for Low Income Utility Bill Assistance.
- K. Alpena shall work with Staff to develop and file for approval a pilot program for expanded use of electric vehicle charging stations.
- L. Alpena shall work with Staff to develop and file a Distribution System Plan.
- M. The Tax Cuts and Jobs Act Calculation C amounts shall be rolled into base rates. The tariff sheets in Attachment 3 reflect the roll in.
- N. The total increase to the Outdoor Protective Lighting Service and Street and Highway Lighting Service Tariffs will be implemented over a six-year period. The annual shortfall will be distributed to the other jurisdictional rates based on rate base. The implementation period will be revisited if the Company files a general rate case before the expiration of the six-year period.
- O. The provisions of this Settlement Agreement shall take effect January 1, 2022.

9. This Settlement Agreement will become binding upon the parties only if the Commission accepts and approves it without modification. If the Commission does not approve

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this Settlement Agreement without modification, it shall be withdrawn and shall not constitute any part of the record in the proceeding or be used for any purpose whatsoever.

10. This Settlement Agreement has been made for the sole and express purpose of reaching a compromise among the positions of the signatories without prejudice to their rights to take new and different positions in other proceedings. All offers of settlement and discussions relating to this Settlement Agreement shall be considered privileged under MRE 408. If the Commission approves this Settlement Agreement without modification, the parties shall make no reference to or use the Settlement 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 Settlement Agreement and order.

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

12. The parties agree that approval of this Settlement Agreement by the Commission would be reasonable and in 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.

SETTLEMENT AGREEMENT  
U-21045

ALPENA POWER COMPANY

Timothy  
M. Gulden

Digitally signed by Timothy M. Gulden  
DN: cn=Timothy M. Gulden, o=Gillard Bauer  
Mazrum Florip Smigelski & Gulden, ou,  
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Its: Attorney  
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MICHIGAN PUBLIC SERVICE COMMISSION



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MICHIGAN ATTORNEY GENERAL

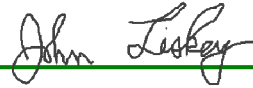
Michael  
Edward Moody

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Michael Edward Moody  
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By: Michael E. Moody (P51985)  
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CITIZENS UTILITY BOARD OF MICHIGAN



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SETTLEMENT AGREEMENT  
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**Attachment 1**  
**Case No. U-21045**

ALPENA POWER COMPANY  
Present and Proposed Revenues by Rate Schedules  
For Settlement Agreement

No.	(A) Rate Schedule	2022 Revenue		(D) Change	(E) Percent Increase
		(B) Present	(C) Proposed		
1	Residential	13,019,159	13,694,389	675,230	5.19%
2	General Service	4,349,285	4,495,663	146,378	3.37%
4	Standard Power	5,362,873	5,531,679	168,806	3.15%
5	Large Power	2,640,167	2,711,693	71,526	2.71%
6	Large Industrial	3,405,995	3,577,399	171,404	5.03%
7	Outdoor Protective Lights	189,940	204,030	14,090	7.42%
8	Street & Highway Lights	17,341	19,666	2,325	13.41%
9	Experimental Primary Distribution	0	0	0	0.00%
10	Misc Operating Revenue	234,000	234,000	0	0.00%
11	Total Jurisdictional Revenues	29,218,760	30,468,519	1,249,759	4.28%
12	Special Contract	5,392,498	5,392,498	0	0.00%
13	Total Revenues	34,611,258	35,861,017	1,249,759	3.61%



ALPENA POWER COMPANY  
Present and Proposed Revenues by Rate Schedules  
For Settlement Agreement

No.	(A) Rate Schedule	2023 Revenue		(D) Change	(E) Percent Increase
		(B) Present	(C) Proposed		
1	Residential	13,019,159	13,685,589	666,430	5.12%
2	General Service	4,349,285	4,493,018	143,733	3.30%
4	Standard Power	5,362,873	5,529,110	166,237	3.10%
5	Large Power	2,640,167	2,710,388	70,221	2.66%
6	Large Industrial	3,405,995	3,576,370	170,375	5.00%
7	Outdoor Protective Lights	189,940	218,135	28,195	14.84%
8	Street & Highway Lights	17,341	22,001	4,660	26.87%
9	Experimental Primary Distribution	0	0	0	0.00%
10	Misc Operating Revenue	234,000	234,000	0	0.00%
11	Total Jurisdictional Revenues	29,218,760	30,468,611	1,249,851	4.28%
12	Special Contract	5,392,498	5,392,498	0	0.00%
13	Total Revenues	34,611,258	35,861,109	1,249,851	3.61%

ALPENA POWER COMPANY  
Present and Proposed Revenues by Rate Schedules  
For Settlement Agreement

No.	(A) Rate Schedule	2024 Revenue		(D) Change	(E) Percent Increase
		(B) Present	(C) Proposed		
1	Residential	13,019,159	13,676,789	657,630	5.05%
2	General Service	4,349,285	4,490,373	141,088	3.24%
4	Standard Power	5,362,873	5,526,684	163,811	3.05%
5	Large Power	2,640,167	2,709,021	68,854	2.61%
6	Large Industrial	3,405,995	3,575,250	169,255	4.97%
7	Outdoor Protective Lights	189,940	232,186	42,246	22.24%
8	Street & Highway Lights	17,341	24,317	6,976	40.23%
9	Experimental Primary Distribution	0	0	0	0.00%
10	Misc Operating Revenue	234,000	234,000	0	0.00%
11	Total Jurisdictional Revenues	29,218,760	30,468,620	1,249,860	4.28%
12	Special Contract	5,392,498	5,392,498	0	0.00%
13	Total Revenues	34,611,258	35,861,118	1,249,860	3.61%

ALPENA POWER COMPANY  
Present and Proposed Revenues by Rate Schedules  
For Settlement Agreement

No.	(A) Rate Schedule	2025 Revenue		(D) Change	(E) Percent Increase
		(B) Present	(C) Proposed		
1	Residential	13,019,159	13,667,989	648,830	4.98%
2	General Service	4,349,285	4,487,727	138,442	3.18%
4	Standard Power	5,362,873	5,524,116	161,243	3.01%
5	Large Power	2,640,167	2,707,729	67,562	2.56%
6	Large Industrial	3,405,995	3,574,198	168,203	4.94%
7	Outdoor Protective Lights	189,940	246,318	56,378	29.68%
8	Street & Highway Lights	17,341	26,650	9,309	53.68%
9	Experimental Primary Distribution	0	0	0	0.00%
10	Misc Operating Revenue	234,000	234,000	0	0.00%
11	Total Jurisdictional Revenues	29,218,760	30,468,727	1,249,967	4.28%
12	Special Contract	5,392,498	5,392,498	0	0.00%
13	Total Revenues	34,611,258	35,861,225	1,249,967	3.61%

ALPENA POWER COMPANY  
Present and Proposed Revenues by Rate Schedules  
For Settlement Agreement

No.	(A) Rate Schedule	2026 Revenue		(D) Change	(E) Percent Increase
		(B) Present	(C) Proposed		
1	Residential	13,019,159	13,660,069	640,910	4.92%
2	General Service	4,349,285	4,484,788	135,503	3.12%
4	Standard Power	5,362,873	5,521,119	158,246	2.95%
5	Large Power	2,640,167	2,706,305	66,138	2.51%
6	Large Industrial	3,405,995	3,573,021	167,026	4.90%
7	Outdoor Protective Lights	189,940	260,418	70,478	37.11%
8	Street & Highway Lights	17,341	28,966	11,625	67.04%
9	Experimental Primary Distribution	0	0	0	0.00%
10	Misc Operating Revenue	234,000	234,000	0	0.00%
11	Total Jurisdictional Revenues	29,218,760	30,468,686	1,249,926	4.28%
12	Special Contract	5,392,498	5,392,498	0	0.00%
13	Total Revenues	34,611,258	35,861,184	1,249,926	3.61%

ALPENA POWER COMPANY  
Present and Proposed Revenues by Rate Schedules  
For Settlement Agreement

No.	(A) Rate Schedule	2027 Revenue		(D) Change	(E) Percent Increase
		(B) Present	(C) Proposed		
1	Residential	13,019,159	13,651,269	632,110	4.86%
2	General Service	4,349,285	4,482,143	132,858	3.05%
4	Standard Power	5,362,873	5,518,551	155,678	2.90%
5	Large Power	2,640,167	2,704,953	64,786	2.45%
6	Large Industrial	3,405,995	3,571,932	165,937	4.87%
7	Outdoor Protective Lights	189,940	274,523	84,583	44.53%
8	Street & Highway Lights	17,341	31,301	13,960	80.50%
9	Experimental Primary Distribution	0	0	0	0.00%
10	Misc Operating Revenue	234,000	234,000	0	0.00%
11	Total Jurisdictional Revenues	29,218,760	30,468,672	1,249,912	4.28%
12	Special Contract	5,392,498	5,392,498	0	0.00%
13	Total Revenues	34,611,258	35,861,170	1,249,912	3.61%

ALPENA POWER COMPANY  
Present and Proposed Revenues by Rate Schedules  
For Settlement Agreement  
2022 to 2023 Comparison

No.	(A) Rate Schedule	(B) Revenue 2022	(C) Revenue 2023	(D) Change	(E) Percent Increase
1	Residential	13,694,389	13,685,589	-8,800	-0.06%
2	General Service	4,495,663	4,493,018	-2,645	-0.06%
4	Standard Power	5,531,679	5,529,110	-2,569	-0.05%
5	Large Power	2,711,693	2,710,388	-1,305	-0.05%
6	Large Industrial	3,577,399	3,576,370	-1,029	-0.03%
7	Outdoor Protective Lights	204,030	218,135	14,105	6.91%
8	Street & Highway Lights	19,666	22,001	2,335	11.87%
9	Experimental Primary Distribution	0	0	0	0.00%
10	Misc Operating Revenue	234,000	234,000	0	0.00%
11	Total Jurisdictional Revenues	30,468,519	30,468,611	92	0.00%
12	Special Contract	5,392,498	5,392,498	0	0.00%
13	Total Revenues	35,861,017	35,861,109	92	0.00%

ALPENA POWER COMPANY  
Present and Proposed Revenues by Rate Schedules  
For Settlement Agreement  
2023 to 2024 Comparison

No.	(A) Rate Schedule	(B)	(C)	(D)	(E)
		Revenue 2023	2024	Change	Percent Increase
1	Residential	13,685,589	13,676,789	-8,800	-0.06%
2	General Service	4,493,018	4,490,373	-2,645	-0.06%
4	Standard Power	5,529,110	5,526,684	-2,426	-0.04%
5	Large Power	2,710,388	2,709,021	-1,367	-0.05%
6	Large Industrial	3,576,370	3,575,250	-1,120	-0.03%
7	Outdoor Protective Lights	218,135	232,186	14,051	6.44%
8	Street & Highway Lights	22,001	24,317	2,316	10.53%
9	Experimental Primary Distribution	0	0	0	0.00%
10	Misc Operating Revenue	234,000	234,000	0	0.00%
11	Total Jurisdictional Revenues	30,468,611	30,468,620	9	0.00%
12	Special Contract	5,392,498	5,392,498	0	0.00%
13	Total Revenues	35,861,109	35,861,118	9	0.00%

ALPENA POWER COMPANY  
Present and Proposed Revenues by Rate Schedules  
For Settlement Agreement  
2024 to 2025 Comparison

No.	(A) Rate Schedule	(B) Revenue 2024	(C) Revenue 2025	(D) Change	(E) Percent Increase
1	Residential	13,676,789	13,667,989	-8,800	-0.06%
2	General Service	4,490,373	4,487,727	-2,646	-0.06%
4	Standard Power	5,526,684	5,524,116	-2,568	-0.05%
5	Large Power	2,709,021	2,707,729	-1,292	-0.05%
6	Large Industrial	3,575,250	3,574,198	-1,052	-0.03%
7	Outdoor Protective Lights	232,186	246,318	14,132	6.09%
8	Street & Highway Lights	24,317	26,650	2,333	9.59%
9	Experimental Primary Distribution	0	0	0	0.00%
10	Misc Operating Revenue	234,000	234,000	0	0.00%
11	Total Jurisdictional Revenues	30,468,620	30,468,727	107	0.00%
12	Special Contract	5,392,498	5,392,498	0	0.00%
13	Total Revenues	35,861,118	35,861,225	107	0.00%



ALPENA POWER COMPANY  
Present and Proposed Revenues by Rate Schedules  
For Settlement Agreement  
2025 to 2026 Comparison

No.	(A) Rate Schedule	(B) Revenue 2025	(C) Revenue 2026	(D) Change	(E) Percent Increase
1	Residential	13,667,989	13,660,069	-7,920	-0.06%
2	General Service	4,487,727	4,484,788	-2,939	-0.07%
4	Standard Power	5,524,116	5,521,119	-2,997	-0.05%
5	Large Power	2,707,729	2,706,305	-1,424	-0.05%
6	Large Industrial	3,574,198	3,573,021	-1,177	-0.03%
7	Outdoor Protective Lights	246,318	260,418	14,100	5.72%
8	Street & Highway Lights	26,650	28,966	2,316	8.69%
9	Experimental Primary Distribution	0	0	0	0.00%
10	Misc Operating Revenue	234,000	234,000	0	0.00%
11	Total Jurisdictional Revenues	30,468,727	30,468,686	-41	0.00%
12	Special Contract	5,392,498	5,392,498	0	0.00%
13	Total Revenues	35,861,225	35,861,184	-41	0.00%

ALPENA POWER COMPANY  
Present and Proposed Revenues by Rate Schedules  
For Settlement Agreement  
2026 to 2027 Comparison

No.	(A) Rate Schedule	(B) Revenue 2026	(C) Revenue 2027	(D) Change	(E) Percent Increase
1	Residential	13,660,069	13,651,269	-8,800	-0.06%
2	General Service	4,484,788	4,482,143	-2,645	-0.06%
4	Standard Power	5,521,119	5,518,551	-2,568	-0.05%
5	Large Power	2,706,305	2,704,953	-1,352	-0.05%
6	Large Industrial	3,573,021	3,571,932	-1,089	-0.03%
7	Outdoor Protective Lights	260,418	274,523	14,105	5.42%
8	Street & Highway Lights	28,966	31,301	2,335	8.06%
9	Experimental Primary Distribution	0	0	0	0.00%
10	Misc Operating Revenue	234,000	234,000	0	0.00%
11	Total Jurisdictional Revenues	30,468,686	30,468,672	-14	0.00%
12	Special Contract	5,392,498	5,392,498	0	0.00%
13	Total Revenues	35,861,184	35,861,170	-14	0.00%

**Attachment 2**  
**Case No. U-21045**

ALPENA POWER COMPANY  
Proposed Annual Depreciation Accrual Rates  
To be Effective January 1, 2022

Account	Description	Rate %
	TRANSMISSION	
352.0	Struct & Improvements	2.35%
353.0	Station Equipment	2.50%
355.0	Poles & Fixtures	2.67%
356.0	Overhead Conductor	2.68%
358.0	Underground Conductor	2.03%
	DISTRIBUTION	
362.0	Station Equipment	2.46%
364.0	Poles & Fixtures	2.25%
365.0	Overhead Conductor	2.23%
367.0	Underground Conductor	2.41%
368.0	Line Transformers	5.05%
369.0	Services	2.40%
370.0	Meters	5.82%
371.0	Install Cust Premises	15.76%
373.0	Street Lighting	16.39%
	GENERAL	
390.0	Struct & Improvements	1.87%
391.0	Office Furn & Equip	3.15%
391.1	Computer Equipment	13.26%
392.0	Transportation Equip	5.12%
394.0	Tools, Shop & Garage	3.89%
395.0	Laboratory Equipment	6.43%
396.0	Power Operated Equip	4.72%
397.0	Communication Equip	3.56%

**Attachment 3**  
**Case No. U-21045**

ALPENA POWER COMPANY

Tariff Sheets  
For Settlement Agreement

**ALPENA POWER COMPANY**

**RATE BOOK  
FOR  
ELECTRIC SERVICE**

These Standard Rules and Regulations and Rate Schedules contained herein have been adopted by the Company to govern its relations with customers and have been approved by the Michigan Public Service Commission as an integral part of its Rate Book for the delivery of Electric Service.

Copies of the Company's Rate Book for Electric Service are available on Alpena Power Company's website at the following website address, <http://www.alpenapower.com> or at the Michigan Public Service Commission's website at the following website address: <https://www.michigan.gov/mpsc/>

**Territory**

This Rate Book applies to the entire territory served by Alpena Power Company. All rates contained in these schedules are standard rates and have general application.

**THIS RATE BOOK SUPERSEDES AND CANCELS RATE BOOK  
M.P.S.C. No. 8**

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ADMINISTRATIVE RULES INDEX

[https://www.michigan.gov/mpsc/0,9535,7-395-93309\\_93437\\_93467---,00.html](https://www.michigan.gov/mpsc/0,9535,7-395-93309_93437_93467---,00.html)

Title	Sheet No.
B1 Technical Standards for Electric Service (R460.3101 - R 460.3703) <a href="https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=R%20460.3101%20to%20R%20460.3908.pdf">https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=R%20460.3101%20to%20R%20460.3908.pdf</a>	B-1.00
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B4 Billing Practices Applicable to Non-Residential Electric and Gas Customers (R 460.1601 - R 460.1640) )- <i>Rescinded</i> <a href="http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1364_2014-037LR_AdminCode.pdf">http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/1364_2014-037LR_AdminCode.pdf</a>	B-6.00
B5 Underground Electric Lines (R 460.511 - R 460.519) <a href="https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=824_10790_AdminCode.pdf">https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=824_10790_AdminCode.pdf</a>	B-8.00
B6 Electrical Supply and Communication Lines and Associated Equipment (R 460.811 - R 460.815) <a href="https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=1683_2017-007LR_AdminCode.pdf">https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=1683_2017-007LR_AdminCode.pdf</a>	B-8.00
B7 Rules and Regulations Governing Animal Contact Current Mitigation ( R 460.2701- R 460.2707) <a href="https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=838_10804_AdminCode.pdf">https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=838_10804_AdminCode.pdf</a>	B-8.00
B8 Electric Interconnection and Net Metering Standards (R 460.601a - R 460.656) <a href="https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=1983_2019-087LR_AdminCode.pdf">https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=1983_2019-087LR_AdminCode.pdf</a>	B-9.00
B9 Service Quality and Reliability Standards for Electric Distribution Systems (R 460.701 - R 460.752) <a href="https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=826_10792_AdminCode.pdf">https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=826_10792_AdminCode.pdf</a>	B-9.00
B10 Administrative Hearing Rules, pp. 1-18, and Practice and Procedure Before the Commission , pp. 45-68 <a href="https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=1799_2018-018LR_AdminCode.pdf">https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=1799_2018-018LR_AdminCode.pdf</a>	B-11.00
B11 Filing Procedures for Electric, Wastewater, Steam, and Gas Utilities ( R 460.2011 - R 460.2031) <a href="https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=832_10798_AdminCode.pdf">https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=832_10798_AdminCode.pdf</a>	B-11.00
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B13 Preservation of Records of Electric, Gas, and Water Utilities (R 460.2501 - R 460.2582) <a href="https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=1825_2018-042LR_AdminCode.pdf">https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=1825_2018-042LR_AdminCode.pdf</a>	B-11.00
B14 Uniform System of Accounts for Major and Nonmajor Electric Utilities (R 460.9001-460.9019) <a href="https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=840_10806_AdminCode.pdf">https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=840_10806_AdminCode.pdf</a>	B-11.00
B15 Rate Case Filing Requirements for Major Electric Utilities <a href="https://mi-psc.force.com/sfc/servlet.shepherd/version/download/068t0000001UVwnAAG">https://mi-psc.force.com/sfc/servlet.shepherd/version/download/068t0000001UVwnAAG</a>	B-11.00
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**SECTION B**

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**ADMINISTRATIVE RULES INDEX**  
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[https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=838\\_10804\\_AdminCode.pdf](https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=838_10804_AdminCode.pdf)

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R 460.626 Disconnection.  
R 460.628 Easements and rights-of-way.

**PART 3. NET METERING STANDARDS**

R 460.640 Application process.  
R 460.642 Net metering application and fees.  
R 460.644 Program size.  
R 460.646 Generation and net metering equipment.  
R 460.648 Meters.  
R 460.650 Billing and credit for true net metering customers.  
R 460.652 Billing and credit for modified net metering customers.  
R 460.654 Renewable energy credits.  
R 460.656 Penalties.

**B9. SERVICE QUALITY AND RELIABILITY STANDARDS FOR ELECTRIC DISTRIBUTION SYSTEMS (R460.701 - R460.752)**

[https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=826\\_10792\\_AdminCode.pdf](https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=826_10792_AdminCode.pdf)

**PART 1. GENERAL PROVISIONS**

R 460.701 Application of rules.  
R 460.702 Definitions.  
R 460.703 Revision of tariff provisions.

(continued on Sheet No. B-10.00)

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**ADMINISTRATIVE RULES INDEX**  
(Continued from Sheet No. B-9.00)

**B9. SERVICE QUALITY AND RELIABILITY STANDARDS FOR ELECTRIC DISTRIBUTION SYSTEMS (R460.701 - R460.752) (continued)**

[https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=826\\_10792AdminCode.pdf](https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=826_10792AdminCode.pdf)

**PART 2. UNACCEPTABLE LEVELS OF PERFORMANCE**

- R 460.721 Duty to plan to avoid unacceptable levels of performance.
- R 460.722 Unacceptable levels of performance during service interruptions.
- R 460.723 Wire down relief requests.
- R 460.724 Unacceptable service quality levels of performance.

**PART 3. RECORDS AND REPORTS**

- R 460.731 Deadline for filing annual reports.
- R 460.732 Annual report contents.
- R 460.733 Availability of records.
- R 460.734 Retention of records.

**PART 4. FINANCIAL INCENTIVES AND PENALTIES**

- R 460.741 Approval of incentives by the commission.
- R 460.742 Criteria for receipt of an incentive.
- R 460.743 Disqualification.
- R 460.744 Penalty for failure to restore service after an interruption due to catastrophic conditions.
- R 460.745 Penalty for failure to restore service during normal conditions.
- R 460.746 Penalty for repetitive interruptions of the same circuit.
- R 460.747 Multiple billing credits allowed.
- R 460.748 Effect in other proceedings.

**PART 5. WAIVERS AND EXCEPTIONS**

- R 460.751 Waivers and exceptions by electric utilities.
- R 460.752 Proceedings for waivers and exceptions.

**ADDITIONAL ADMINISTRATIVE RULES**

\*Waivers may have been granted by the Commission to the Company for certain portions of the administrative rules below.

(continued on Sheet No. B-11.00)

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**ADMINISTRATIVE RULES INDEX**  
(Continued from Sheet No. B-10.00)

- B10. **ADMINISTRATIVE HEARING RULES. PP. 1-18. AND PRACTICE AND PROCEDURE BEFORE THE COMMISSION PP. 45-68.**  
[https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=1799\\_2018-018LR\\_AdminCode.pdf](https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=1799_2018-018LR_AdminCode.pdf)
- B11. **FILING PROCEDURES FOR ELECTRIC, WASTEWATER, STEAM, AND GAS UTILITIES (R 460.2011 - R 460.2031)**  
[https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=832\\_10798\\_AdminCode.pdf](https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=832_10798_AdminCode.pdf)
- B12. **RESIDENTIAL CONSERVATION PROGRAM STANDARDS (R 460.2401 - R 460-2414)-*Rescinded***  
[http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/835\\_10801\\_AdminCode.pdf](http://dmbinternet.state.mi.us/DMB/ORRDocs/AdminCode/835_10801_AdminCode.pdf)
- B13. **PRESERVATION OF RECORDS OF ELECTRIC, GAS AND WATER UTILITIES (R460.2501 - R 460.2582)**  
[https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=1825\\_2018-042LR\\_AdminCode.pdf](https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=1825_2018-042LR_AdminCode.pdf)
- B14. **UNIFORM SYSTEM OF ACCOUNTS FOR MAJOR AND NONMAJOR ELECTRIC UTILITIES (R 460.9001-460.9019)**  
[https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=840\\_10806\\_AdminCode.pdf](https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=840_10806_AdminCode.pdf)
- B15. **RATE CASE FILING REQUIREMENTS FOR MAJOR ELECTRIC UTILITIES**  
[http://www.michigan.gov/documents/mpsc/U-4771\\_05-10-1976\\_586636\\_7.PDF](http://www.michigan.gov/documents/mpsc/U-4771_05-10-1976_586636_7.PDF)
- B16. **CODE OF CONDUCT (R 460.10101 - R 460.10113)**  
<https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=R%20460.10101%20to%20R%20460.10113.pdf>

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**TERMS AND CONDITIONS OF SERVICE**  
(Continued from Sheet No. C-5.00)

4. **RESALE OF ELECTRIC ENERGY** - The customer shall not resell to, or share with others, any electric service furnished by the Company under the terms of its filed Rate Schedules (except Rate Schedules applicable to such resale of energy), unless otherwise authorized by the Michigan Public Service Commission.
5. **SERVICE TO SINGLE METERING POINTS** - Where resale of electric service exists, the Company will be under no obligation to furnish or maintain meters or other facilities for the resale of service by the reselling customer to the ultimate user.

Electric service will no longer be granted where connection is made to a single metering point for the purpose of resale to the reselling customer's ultimate user. Each user will be metered as an individual unit. For the purposes of this rule, resale will also include sales where the electric service is included in the rent.

6. **SERVICE REQUIREMENTS** - The customer may be required to provide, at no expense to the Company, space for Company facilities on the customer's premises.

Where a suitable distribution line is available, the Company shall install service connections from its distribution lines to a suitable point of attachment on the customer's premises designated by the Company. Where the customer requests a point of attachment other than that specified by the Company, and such alternative point of attachment is approved by the Company, the additional cost resulting therefrom shall be borne by the customer. This includes, but is not limited to, the cost of installing additional intermediate supports, wires or fixtures necessary to reach the point of attachment requested by the customer.

For overhead service, the location of the point of attachment must be such that the Company's service conductors can be installed without attachment to the building in any other locations.

For underground service, the point of attachment may be on the building, meter pedestal, or other agreed point.

Service may, at the discretion of the Company, be provided to meters on poles for the following:

Modular or pre-built homes

Trailers

Temporary construction services

Permanent services where more than one structure is to be supplied from a single meter.

The customer shall be required to install a fused disconnect switch on the pole below the Company's meter, at the customer's expense, in accordance with Company specifications.

(continued on Sheet No. C-7.00)

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**CONSTRUCTION POLICY**  
(Continued from Sheet No. C-22.00)

If the applicant is unable to secure satisfactory easements and/or permits, the Company shall extend its facilities along an alternate route selected by the Company. The applicant shall be required to make a non-refundable contribution in aid of construction for all additional costs thereby incurred.

9. **ABILITY TO PERFORM CONSTRUCTION** - The Company will construct electrical distribution facilities and extensions only in the event that it is able to obtain or use the necessary materials, equipment and supplies. Subject to review by the Michigan Public Service Commission, the Company reserves the right to allocate the use of such materials, equipment and supplies as it may have on hand from time to time among the various customers and prospective customers.
10. **CONSTRUCTION SCHEDULING** - Scheduling of construction shall be done on a basis mutually agreeable to the Company and applicant. The Company reserves the right not to begin construction until the applicant has demonstrated to the Company's satisfaction his intent to proceed in good faith with installation of his facilities by acquiring property ownership, obtaining all necessary permits, starting construction, installing driveway or access road, and/or, in the case of mobile homes, meeting the Company's requirements for permanency.
11. **DESIGN OF FACILITIES** - The Company reserves the right to make the final determination of selection, application, location, routing and design of its facilities. Where additional construction costs are incurred by the Company at the request of the applicant, the applicant shall be required to make a non-refundable contribution in aid of construction to the Company for such excess costs.

(continued on Sheet No. C-24.00)

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**POWER SUPPLY COST RECOVERY CLAUSE**

(Continued from Sheet No. D-1.00)

2. **PSCR FACTOR** - All rates for metered electric service shall include an amount up to the Power Supply Cost Recovery Factor (PSCR Factor) for the specified billing period as set below. The PSCR factor shall consist of an increase or decrease of 0.010625 mills per kWh for each full 0.01 mill per kWh increase or decrease in the projected annual power supply costs above or below a base cost of ~~73.34~~ mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected annual net power cost divided by the projected annual net system energy requirements. Net system energy requirements shall be the sum of net generation and net purchased and interchange power.

Should the Company apply lesser factors than those shown below or if the factors are later revised pursuant to Commission orders or 1982 PA 304, the Company will notify the Commission if necessary and file a revision.

3. **MONTHLY REPORTS** - Not more than 45 days following the last day of each billing month in which a PSCR factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR factor and the allowance for cost of power included in the base rates established in the latest Commission Order for the Company, and the cost of power supply.
4. **ANNUAL RECONCILIATION** - All power supply revenues received by the Company, whether included in base rates or collected pursuant to a PSCR clause, shall be subject to annual reconciliation with the cost of power supply. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any PSCR clause in existence during the period being reconciled.

(continued on Sheet No. D-3.00)

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## DEFINITIONS

- A. RENEWABLE ENERGY PROGRAM CLAUSE** - This clause permits, pursuant to Section 45(1) of 2008 PA 295 and amended in 2016 PA 342, the adjustment of rates for power supply, through the application of a Renewable Energy Surcharge, to allow recovery of the incremental cost of compliance with the renewable energy standards included in 2008 PA 295 and amended in 2016 PA 342.

Customers of Alternative Energy Suppliers do not pay the Renewable Energy surcharge to Alpena Power Company.

An annual renewable cost reconciliation shall be conducted pursuant to Section 47 (4) and Section 49 of 2008 PA 295 and as amended in 2016 PA 342.

The approved Renewable Energy Surcharges are shown on Sheet No. D-4.90.

- B. ENERGY WASTE REDUCTION PROGRAM CLAUSE** - This clause permits, pursuant to Section 91(4) of 2008 PA 295 and as amended in 2016 PA 342, the adjustment of distribution rates, via the application of an Energy Waste Reduction Surcharge, to allow recovery of the energy waste reduction alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295 and as amended in 2016 PA 342.

Senate bill No. 438, Subpart B. Section 89 (2) Under subsection (1), costs shall be recovered from all natural gas customers and from residential electric customers by volumetric charges (kW), from all other metered electric customers by per-meter charges, and from unmetered electric customers by an appropriate charge. Fixed, per-meter charges under this subsection may vary by rate class. Charges under this subsection may be itemized on utility bills but **shall not be itemized on or after January 1, 2021.**

Customers of Alternative Energy Suppliers must continue to pay the Energy Waste Reduction surcharge.

An annual energy waste reduction cost reconciliation shall be conducted.

The approved Energy Waste Reduction Surcharges are shown on Sheet No. D-4.91.

(continued on Sheet No. D-4.90)

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**SURCHARGES**

(continued from Sheet No. D-4.01)

<u>Rate Schedule</u>	<u>Renewable Energy Surcharge Effective July 2015 Bill Month</u>
Residential	\$0.00/meter/month
General Service	\$0.00/meter/month
Standard Power	\$0.00/meter/month
Large Power (less than 13,200 volts)	\$0.00/meter/month
Large Power (13,200 volts or higher)	\$0.00/meter/month
Large Industrial (13,200 volts or lower)	\$0.00/meter/month
Large Industrial (higher than 13,200 volts)	\$0.00/meter/month
Large Industrial (>13,200 volts-Self Direct)	\$0.00/meter/month
Outdoor Protective Lighting (100 watt)	\$0.00/meter/month
Outdoor Protective Lighting (250 watt)	\$0.00/meter/month
Street & Highway Lighting	\$0.00/meter/month
Special Power Contracts(Self Direct)	\$0.00/meter/month

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**SURCHARGES**  
(continued from Sheet D-4.90)

<b>Rate Schedule</b>	<b><u>Energy Waste</u></b>	<b><u>Distribution</u></b>	<b><u>Total</u></b>
	<b><u>Reduction Surcharge</u></b>	<b><u>Charge</u></b>	
	<b><u>Effective January 2022</u></b>	<b><u>for all Residential</u></b>	<b><u>Distribution Charge</u></b>
	<b><u>Bill Month</u></b>	<b><u>Rate Schedules</u></b>	
Residential	\$0.00354/kWh	\$0.06364/kWh	\$0.06718/kWh
<b>Rate Schedule</b>		<b><u>Customer Charge</u></b>	<b><u>Total Customer Charge</u></b>
General Service	\$3.46/meter/month	\$7.00/month	\$10.46/month
Standard Power	\$51.63/meter/month	\$30.00/month	\$81.63/month
Large Power (less than 13,200 volts)	\$414.28/meter/month	\$100.00/month	\$514.28/month
Large Power (13,200 volts or higher)	\$414.28/meter/month	\$100.00/month	\$514.28/month
Large Industrial (13,200 volts or lower)	\$1,575.33/meter/month	\$400.00/month	\$1975.33/month
Large Industrial (higher than 13,200 volts)	\$1,409.00/meter/month	\$400.00/month	\$1809.00/month
Large Industrial (>13,200 volts-Self Direct)	\$232.50/meter/month	\$400.00/month	\$632.50/month
Outdoor Protective Lighting (100 watt)	\$0.24/light/month	NA	\$0.24/light/month
Outdoor Protective Lighting (250 watt)	\$0.41/light/month	NA	\$0.41/light/month
Street & Highway Lighting	\$0.22/light/month	NA	\$0.22/light/month
Special Power Contracts (Self Direct)	\$517.50/meter/month	\$600.00/month	\$1117.50/month

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**SURCHARGES**  
(continued from Sheet D-4.90)

<b>Rate Schedule</b>	<b><u>Energy Waste</u></b>	<b><u>Distribution</u></b>	<b><u>Total</u></b>
	<b><u>Reduction Surcharge</u></b>	<b><u>Charge</u></b>	
	<b><u>Effective January 2022</u></b>	<b><u>for all Residential</u></b>	<b><u>Distribution Charge</u></b>
	<b><u>Bill Month</u></b>	<b><u>Rate Schedules</u></b>	
Residential	\$0.00354/kWh	<i><b>\$0.06354/kWh</b></i>	<i><b>\$0.06708/kWh</b></i>
<b>Rate Schedule</b>		<b><u>Customer Charge</u></b>	<b><u>Total Customer Charge</u></b>
General Service	\$3.46/meter/month	\$7.00/month	\$10.46/month
Standard Power	\$51.63/meter/month	\$30.00/month	\$81.63/month
Large Power (less than 13,200 volts)	\$414.28/meter/month	\$100.00/month	\$514.28/month
Large Power (13,200 volts or higher)	\$414.28/meter/month	\$100.00/month	\$514.28/month
Large Industrial (13,200 volts or lower)	\$1,575.33/meter/month	\$400.00/month	\$1975.33/month
Large Industrial (higher than 13,200 volts)	\$1,409.00/meter/month	\$400.00/month	\$1809.00/month
Large Industrial (>13,200 volts-Self Direct)	\$232.50/meter/month	\$400.00/month	\$632.50/month
Outdoor Protective Lighting (100 watt)	\$0.24/light/month	NA	\$0.24/light/month
Outdoor Protective Lighting (250 watt)	\$0.41/light/month	NA	\$0.41/light/month
Street & Highway Lighting	\$0.22/light/month	NA	\$0.22/light/month
Special Power Contracts (Self Direct)	\$517.50/meter/month	\$600.00/month	\$1117.50/month

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**SURCHARGES**  
(continued from Sheet D-4.90)

<b>Rate Schedule</b>	<b><u>Energy Waste</u></b>	<b><u>Distribution</u></b>	<b><u>Total</u></b>
	<b><u>Reduction Surcharge</u></b>	<b><u>Charge</u></b>	
	<b><u>Effective January 2022</u></b>	<b><u>for all Residential</u></b>	<b><u>Distribution Charge</u></b>
	<b><u>Bill Month</u></b>	<b><u>Rate Schedules</u></b>	
Residential	\$0.00354/kWh	<i><b>\$0.06344/kWh</b></i>	<i><b>\$0.06698/kWh</b></i>
<b>Rate Schedule</b>		<b><u>Customer Charge</u></b>	<b><u>Total Customer Charge</u></b>
General Service	\$3.46/meter/month	\$7.00/month	\$10.46/month
Standard Power	\$51.63/meter/month	\$30.00/month	\$81.63/month
Large Power (less than 13,200 volts)	\$414.28/meter/month	\$100.00/month	\$514.28/month
Large Power (13,200 volts or higher)	\$414.28/meter/month	\$100.00/month	\$514.28/month
Large Industrial (13,200 volts or lower)	\$1,575.33/meter/month	\$400.00/month	\$1975.33/month
Large Industrial (higher than 13,200 volts)	\$1,409.00/meter/month	\$400.00/month	\$1809.00/month
Large Industrial (>13,200 volts-Self Direct)	\$232.50/meter/month	\$400.00/month	\$632.50/month
Outdoor Protective Lighting (100 watt)	\$0.24/light/month	NA	\$0.24/light/month
Outdoor Protective Lighting (250 watt)	\$0.41/light/month	NA	\$0.41/light/month
Street & Highway Lighting	\$0.22/light/month	NA	\$0.22/light/month
Special Power Contracts (Self Direct)	\$517.50/meter/month	\$600.00/month	\$1117.50/month

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**SURCHARGES**  
(continued from Sheet D-4.90)

<b>Rate Schedule</b>	<b><u>Energy Waste</u></b>	<b><u>Distribution</u></b>	<b><u>Total</u></b>
	<b><u>Reduction Surcharge</u></b>	<b><u>Charge</u></b>	
	<b><u>Effective January 2022</u></b>	<b><u>for all Residential</u></b>	<b><u>Distribution Charge</u></b>
	<b><u>Bill Month</u></b>	<b><u>Rate Schedules</u></b>	
Residential	\$0.00354/kWh	<i><b>\$0.06334/kWh</b></i>	<i><b>\$0.06688/kWh</b></i>
<b>Rate Schedule</b>		<b><u>Customer Charge</u></b>	<b><u>Total Customer Charge</u></b>
General Service	\$3.46/meter/month	\$7.00/month	\$10.46/month
Standard Power	\$51.63/meter/month	\$30.00/month	\$81.63/month
Large Power (less than 13,200 volts)	\$414.28/meter/month	\$100.00/month	\$514.28/month
Large Power (13,200 volts or higher)	\$414.28/meter/month	\$100.00/month	\$514.28/month
Large Industrial (13,200 volts or lower)	\$1,575.33/meter/month	\$400.00/month	\$1975.33/month
Large Industrial (higher than 13,200 volts)	\$1,409.00/meter/month	\$400.00/month	\$1809.00/month
Large Industrial (>13,200 volts-Self Direct)	\$232.50/meter/month	\$400.00/month	\$632.50/month
Outdoor Protective Lighting (100 watt)	\$0.24/light/month	NA	\$0.24/light/month
Outdoor Protective Lighting (250 watt)	\$0.41/light/month	NA	\$0.41/light/month
Street & Highway Lighting	\$0.22/light/month	NA	\$0.22/light/month
Special Power Contracts (Self Direct)	\$517.50/meter/month	\$600.00/month	\$1117.50/month

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**SURCHARGES**  
(continued from Sheet D-4.90)

<b>Rate Schedule</b>	<b><u>Energy Waste</u></b>	<b><u>Distribution</u></b>	<b><u>Total</u></b>
	<b><u>Reduction Surcharge</u></b>	<b><u>Charge</u></b>	
	<b><u>Effective January 2022</u></b>	<b><u>for all Residential</u></b>	<b><u>Distribution Charge</u></b>
	<b><u>Bill Month</u></b>	<b><u>Rate Schedules</u></b>	
Residential	\$0.00354/kWh	<i><b>\$0.06325/kWh</b></i>	<i><b>\$0.066679/kWh</b></i>
<b>Rate Schedule</b>		<b><u>Customer Charge</u></b>	<b><u>Total Customer Charge</u></b>
General Service	\$3.46/meter/month	\$7.00/month	\$10.46/month
Standard Power	\$51.63/meter/month	\$30.00/month	\$81.63/month
Large Power (less than 13,200 volts)	\$414.28/meter/month	\$100.00/month	\$514.28/month
Large Power (13,200 volts or higher)	\$414.28/meter/month	\$100.00/month	\$514.28/month
Large Industrial (13,200 volts or lower)	\$1,575.33/meter/month	\$400.00/month	\$1975.33/month
Large Industrial (higher than 13,200 volts)	\$1,409.00/meter/month	\$400.00/month	\$1809.00/month
Large Industrial (>13,200 volts-Self Direct)	\$232.50/meter/month	\$400.00/month	\$632.50/month
Outdoor Protective Lighting (100 watt)	\$0.24/light/month	NA	\$0.24/light/month
Outdoor Protective Lighting (250 watt)	\$0.41/light/month	NA	\$0.41/light/month
Street & Highway Lighting	\$0.22/light/month	NA	\$0.22/light/month
Special Power Contracts (Self Direct)	\$517.50/meter/month	\$600.00/month	\$1117.50/month

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**SURCHARGES**  
(continued from Sheet D-4.90)

<b>Rate Schedule</b>	<b><u>Energy Waste</u></b>	<b><u>Distribution</u></b>	<b><u>Total</u></b>
	<b><u>Reduction Surcharge</u></b>	<b><u>Charge</u></b>	
	<b><u>Effective January 2022</u></b>	<b><u>for all Residential</u></b>	<b><u>Distribution Charge</u></b>
	<b><u>Bill Month</u></b>	<b><u>Rate Schedules</u></b>	
Residential	\$0.00354/kWh	<i><b>\$0.06315/kWh</b></i>	<i><b>\$0.06669/kWh</b></i>
<b>Rate Schedule</b>		<b><u>Customer Charge</u></b>	<b><u>Total Customer Charge</u></b>
General Service	\$3.46/meter/month	\$7.00/month	\$10.46/month
Standard Power	\$51.63/meter/month	\$30.00/month	\$81.63/month
Large Power (less than 13,200 volts)	\$414.28/meter/month	\$100.00/month	\$514.28/month
Large Power (13,200 volts or higher)	\$414.28/meter/month	\$100.00/month	\$514.28/month
Large Industrial (13,200 volts or lower)	\$1,575.33/meter/month	\$400.00/month	\$1975.33/month
Large Industrial (higher than 13,200 volts)	\$1,409.00/meter/month	\$400.00/month	\$1809.00/month
Large Industrial (>13,200 volts-Self Direct)	\$232.50/meter/month	\$400.00/month	\$632.50/month
Outdoor Protective Lighting (100 watt)	\$0.24/light/month	NA	\$0.24/light/month
Outdoor Protective Lighting (250 watt)	\$0.41/light/month	NA	\$0.41/light/month
Street & Highway Lighting	\$0.22/light/month	NA	\$0.22/light/month
Special Power Contracts (Self Direct)	\$517.50/meter/month	\$600.00/month	\$1117.50/month

Issued \_\_\_\_\_, 2021 by  
Kenneth A. Dragiewicz, President  
Alpena, MI 49707

Effective for services rendered on  
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dated,  
in Case U-21045

M.P.S.C. No. 9  
Alpena Power Company  
(To cancel Tax Cuts and Jobs Credit)

First-Revised Sheet No. D-4.95  
Cancels Original Sheet D-4.95

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*This Sheet has been cancelled and is reserved for future use.*

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Alpena, MI 49707

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**RESIDENTIAL SERVICE****Availability:**

Open to any customer desiring service for domestic and farm uses, which include only those purposes which are usual in individual private family dwellings, or separately metered apartments, and in the usual appurtenant buildings served through the residential meter. This rate is not available for commercial or industrial service, or for resale purposes.

Residences in conjunction with commercial or industrial enterprises; homes or dormitories for groups other than private family units; apartment buildings or multiple dwellings; and mobile homes in courts may take service on this rate only under the terms and conditions contained in the Company's Standard Rules and Regulations.

Service for single phase motors may be included under this rate, provided the individual capacity of such motors does not exceed 3 Hp, and the total capacity of such motors does not exceed 10 Hp, without the specific consent of the Company.

**Nature of Service:**

Alternating current, 60 hertz, single phase, 120/240 volts.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:****Distribution Charges:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** \$ ~~0.06364~~ per kWh for all kWh

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-6.00)

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**RESIDENTIAL SERVICE****Availability:**

Open to any customer desiring service for domestic and farm uses, which include only those purposes which are usual in individual private family dwellings, or separately metered apartments, and in the usual appurtenant buildings served through the residential meter. This rate is not available for commercial or industrial service, or for resale purposes.

Residences in conjunction with commercial or industrial enterprises; homes or dormitories for groups other than private family units; apartment buildings or multiple dwellings; and mobile homes in courts may take service on this rate only under the terms and conditions contained in the Company's Standard Rules and Regulations.

Service for single phase motors may be included under this rate, provided the individual capacity of such motors does not exceed 3 Hp, and the total capacity of such motors does not exceed 10 Hp, without the specific consent of the Company.

**Nature of Service:**

Alternating current, 60 hertz, single phase, 120/240 volts.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:****Distribution Charges:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** \$ ~~0.06354~~ per kWh for all kWh

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-6.00)

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**RESIDENTIAL SERVICE****Availability:**

Open to any customer desiring service for domestic and farm uses, which include only those purposes which are usual in individual private family dwellings, or separately metered apartments, and in the usual appurtenant buildings served through the residential meter. This rate is not available for commercial or industrial service, or for resale purposes.

Residences in conjunction with commercial or industrial enterprises; homes or dormitories for groups other than private family units; apartment buildings or multiple dwellings; and mobile homes in courts may take service on this rate only under the terms and conditions contained in the Company's Standard Rules and Regulations.

Service for single phase motors may be included under this rate, provided the individual capacity of such motors does not exceed 3 Hp, and the total capacity of such motors does not exceed 10 Hp, without the specific consent of the Company.

**Nature of Service:**

Alternating current, 60 hertz, single phase, 120/240 volts.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:****Distribution Charges:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** \$ ~~0.06344~~ per kWh for all kWh

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-6.00)

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**RESIDENTIAL SERVICE****Availability:**

Open to any customer desiring service for domestic and farm uses, which include only those purposes which are usual in individual private family dwellings, or separately metered apartments, and in the usual appurtenant buildings served through the residential meter. This rate is not available for commercial or industrial service, or for resale purposes.

Residences in conjunction with commercial or industrial enterprises; homes or dormitories for groups other than private family units; apartment buildings or multiple dwellings; and mobile homes in courts may take service on this rate only under the terms and conditions contained in the Company's Standard Rules and Regulations.

Service for single phase motors may be included under this rate, provided the individual capacity of such motors does not exceed 3 Hp, and the total capacity of such motors does not exceed 10 Hp, without the specific consent of the Company.

**Nature of Service:**

Alternating current, 60 hertz, single phase, 120/240 volts.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:****Distribution Charges:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** \$ ~~0.06334~~ per kWh for all kWh

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-6.00)

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**RESIDENTIAL SERVICE****Availability:**

Open to any customer desiring service for domestic and farm uses, which include only those purposes which are usual in individual private family dwellings, or separately metered apartments, and in the usual appurtenant buildings served through the residential meter. This rate is not available for commercial or industrial service, or for resale purposes.

Residences in conjunction with commercial or industrial enterprises; homes or dormitories for groups other than private family units; apartment buildings or multiple dwellings; and mobile homes in courts may take service on this rate only under the terms and conditions contained in the Company's Standard Rules and Regulations.

Service for single phase motors may be included under this rate, provided the individual capacity of such motors does not exceed 3 Hp, and the total capacity of such motors does not exceed 10 Hp, without the specific consent of the Company.

**Nature of Service:**

Alternating current, 60 hertz, single phase, 120/240 volts.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:****Distribution Charges:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** \$ ~~0.06325~~ per kWh for all kWh

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-6.00)

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**RESIDENTIAL SERVICE****Availability:**

Open to any customer desiring service for domestic and farm uses, which include only those purposes which are usual in individual private family dwellings, or separately metered apartments, and in the usual appurtenant buildings served through the residential meter. This rate is not available for commercial or industrial service, or for resale purposes.

Residences in conjunction with commercial or industrial enterprises; homes or dormitories for groups other than private family units; apartment buildings or multiple dwellings; and mobile homes in courts may take service on this rate only under the terms and conditions contained in the Company's Standard Rules and Regulations.

Service for single phase motors may be included under this rate, provided the individual capacity of such motors does not exceed 3 Hp, and the total capacity of such motors does not exceed 10 Hp, without the specific consent of the Company.

**Nature of Service:**

Alternating current, 60 hertz, single phase, 120/240 volts.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:****Distribution Charges:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** \$ *0.06315* per kWh for all kWh

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-6.00)

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**RESIDENTIAL SERVICE**  
(Continued from Sheet No. D-5.00)

**Power Supply Charges:**

**Energy Charge:** \$ *0.07767* per kWh for all kWh

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Income Assistance Service Provision (RIA):**

*When service is provided to a Residential Customer, where total household income does not exceed 150% of the Federal Poverty level, a credit shall be applied during all billing months. The total household income is verified when the customer has provided proof that they have received, or are currently participating in, one of the following in the past 12 months:*

- 1. A Home Heating Credit energy draft*
- 2. State Emergency Relief*
- 3. Assistance from a Michigan Energy Assistance Program (MEAP)*
- 4. Medicaid*
- 5. Supplemental Nutrition Assistance Program (SNAP)*

*If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.*

*The Company reserves the right to verify eligibility. This provision is not available for alternate or seasonal homes. The customer must re-certify annually.*

*The monthly credit for the Income Assistance Service Provision (RIA) shall be applied as follows:*

*Distribution Charges: These charges are applicable to Full-Service Customers.*

*Income Assistance Credit: \$(5.00) per customer per month*

*If a credit balance occurs, the credit shall apply to the customer's future electric utility charges.*

(continued on Sheet No. D-7.00)

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**RESIDENTIAL SERVICE**  
(Continued from Sheet No. D-6.00)

**Customer Switching Service Charge:**

\$5.00 each time a customer switches between Generation Service providers. This includes switches from one AES to another, from the Company to an AES, and from an AES to the Company. The customer may switch Generation Service providers at the end of any billing month provided the notice requirements of (Sheet No. E-6.00, Section 2.4) are met. The Customer Switching Service Charge shall not be applied for the first switch of each calendar year or at a time the customer returns to its immediately previous Generation Service provider because the customer was Slammed by an AES.

**Due Date and Late Payment Charge:**

The due date of the customer bill shall be 21 days from the date of transmittal. A late payment charge of 2%, not compounded, of the unpaid balance, net of taxes, shall be assessed to any bill which is delinquent. The late payment charge shall not apply to customers participating in the Winter Protection Plan.

**Auxiliary Power Provision:**

Customers desiring electric service as an auxiliary source of power to wind- or solar-powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling, and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay the monthly rate set forth above. The customer may elect to sell energy to the Company at the Company's Average Avoided Energy Cost.

**Average Avoided Energy Cost:**

Average Avoided Energy Cost is the average cost of Supplemental Energy, including both energy and capacity charges, billed to the Company by Consumers Energy Company, based on the rolling average of the six consecutive months ending on the last day of the second month prior to the month that purchases are made by the Company (e.g., the August billing month cost will be calculated using the avoided energy costs for the six months ending in June).

The power supply bills used to determine avoided costs will be kept on file at the Company's office. Personnel shall be available, during normal business hours, to explain how this methodology is applied to these bills to obtain the avoided energy costs for any particular month.

**Rules and Regulations:**

Service under this rate is governed by the Company's Standard Rules and Regulations. The charges under this rate are subject to the General Terms and Conditions of Rate Schedules (Sheet No. D-1.00 through Sheet No. D-4.00).

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## GENERAL SERVICE

### Availability:

Open to any customer desiring lighting and incidental power service for any metered non-residential use, provided the load does not exceed 35 kW, measured on a 15-minute interval basis.

### Nature of Service:

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

When the service is three-phase, 3-wire, lighting may be included provided the customer furnishes all transformation facilities required for such purpose, and so arranges the lighting circuits as to avoid excessive unbalance of the three-phase load. When service is single-phase, or 4-wire, three-phase, the single-phase individual motor capacity shall not exceed 3 Hp, and the total single-phase motor capacity shall not exceed 10 Hp, without the specific consent of the Company.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

**Customer Charge:** \$7.00 per customer per month

**Energy Charge:** \$ *0.06006* per kWh for all kWh

#### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

#### Power Supply Charges:

**Energy Charge:** \$ *0.08069* per kWh for all kWh

#### Power Supply Cost Recovery:

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

#### Renewable Energy Surcharge:

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

(continued on Sheet No. D-9.00)

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## GENERAL SERVICE

### Availability:

Open to any customer desiring lighting and incidental power service for any metered non-residential use, provided the load does not exceed 35 kW, measured on a 15-minute interval basis.

### Nature of Service:

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

When the service is three-phase, 3-wire, lighting may be included provided the customer furnishes all transformation facilities required for such purpose, and so arranges the lighting circuits as to avoid excessive unbalance of the three-phase load. When service is single-phase, or 4-wire, three-phase, the single-phase individual motor capacity shall not exceed 3 Hp, and the total single-phase motor capacity shall not exceed 10 Hp, without the specific consent of the Company.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

**Customer Charge:** \$7.00 per customer per month

**Energy Charge:** \$ *0.05997* per kWh for all kWh

#### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

#### Power Supply Charges:

**Energy Charge:** \$ *0.08069* per kWh for all kWh

#### Power Supply Cost Recovery:

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

#### Renewable Energy Surcharge:

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

(continued on Sheet No. D-9.00)

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## GENERAL SERVICE

### Availability:

Open to any customer desiring lighting and incidental power service for any metered non-residential use, provided the load does not exceed 35 kW, measured on a 15-minute interval basis.

### Nature of Service:

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

When the service is three-phase, 3-wire, lighting may be included provided the customer furnishes all transformation facilities required for such purpose, and so arranges the lighting circuits as to avoid excessive unbalance of the three-phase load. When service is single-phase, or 4-wire, three-phase, the single-phase individual motor capacity shall not exceed 3 Hp, and the total single-phase motor capacity shall not exceed 10 Hp, without the specific consent of the Company.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

**Customer Charge:** \$7.00 per customer per month

**Energy Charge:** \$ *0.05988* per kWh for all kWh

#### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

#### Power Supply Charges:

**Energy Charge:** \$ *0.08069* per kWh for all kWh

#### Power Supply Cost Recovery:

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

#### Renewable Energy Surcharge:

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

(continued on Sheet No. D-9.00)

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## GENERAL SERVICE

### Availability:

Open to any customer desiring lighting and incidental power service for any metered non-residential use, provided the load does not exceed 35 kW, measured on a 15-minute interval basis.

### Nature of Service:

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

When the service is three-phase, 3-wire, lighting may be included provided the customer furnishes all transformation facilities required for such purpose, and so arranges the lighting circuits as to avoid excessive unbalance of the three-phase load. When service is single-phase, or 4-wire, three-phase, the single-phase individual motor capacity shall not exceed 3 Hp, and the total single-phase motor capacity shall not exceed 10 Hp, without the specific consent of the Company.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

**Customer Charge:** \$7.00 per customer per month

**Energy Charge:** \$ *0.05979* per kWh for all kWh

#### **Energy *Waste Reduction* Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

#### Power Supply Charges:

**Energy Charge:** \$ *0.08069* per kWh for all kWh

#### **Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

#### **Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

(continued on Sheet No. D-9.00)

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## GENERAL SERVICE

### Availability:

Open to any customer desiring lighting and incidental power service for any metered non-residential use, provided the load does not exceed 35 kW, measured on a 15-minute interval basis.

### Nature of Service:

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

When the service is three-phase, 3-wire, lighting may be included provided the customer furnishes all transformation facilities required for such purpose, and so arranges the lighting circuits as to avoid excessive unbalance of the three-phase load. When service is single-phase, or 4-wire, three-phase, the single-phase individual motor capacity shall not exceed 3 Hp, and the total single-phase motor capacity shall not exceed 10 Hp, without the specific consent of the Company.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

**Customer Charge:** \$7.00 per customer per month

**Energy Charge:** \$ *0.05969* per kWh for all kWh

#### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

#### Power Supply Charges:

**Energy Charge:** \$ *0.08069* per kWh for all kWh

#### Power Supply Cost Recovery:

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

#### Renewable Energy Surcharge:

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

(continued on Sheet No. D-9.00)

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## GENERAL SERVICE

### Availability:

Open to any customer desiring lighting and incidental power service for any metered non-residential use, provided the load does not exceed 35 kW, measured on a 15-minute interval basis.

### Nature of Service:

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

When the service is three-phase, 3-wire, lighting may be included provided the customer furnishes all transformation facilities required for such purpose, and so arranges the lighting circuits as to avoid excessive unbalance of the three-phase load. When service is single-phase, or 4-wire, three-phase, the single-phase individual motor capacity shall not exceed 3 Hp, and the total single-phase motor capacity shall not exceed 10 Hp, without the specific consent of the Company.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

**Customer Charge:** \$7.00 per customer per month

**Energy Charge:** \$ *0.05960* per kWh for all kWh

#### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

#### Power Supply Charges:

**Energy Charge:** \$ *0.08069* per kWh for all kWh

#### Power Supply Cost Recovery:

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

#### Renewable Energy Surcharge:

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

(continued on Sheet No. D-9.00)

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## GENERAL SERVICE

(Continued from Sheet No. D-8.00)

### Monthly Rate (Continued):

#### Power Supply Charges (Continued):

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

#### Minimum Charge:

The Customer Charge, Energy Waste Reduction Surcharge and Renewable Energy Surcharge.

#### Customer Switching Service Charge:

\$5.00 each time a customer switches between Generation Service providers. This includes switches from one AES to another, from the Company to an AES, and from an AES to the Company. The customer may switch Generation Service providers at the end of any billing month provided the notice requirements on (Sheet No. E-6.00, Section 2.4) are met. The Customer Switching Service Charge shall not be applied for the first switch of each calendar year or at a time the customer returns to its immediately previous Generation Service provider because the customer was Slammed by an AES.

#### Due Date and Late Payment Charge:

The due date of the customer bill shall be 21 days from the date of transmittal. A late payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon.

#### Unmetered Service:

Loads that can be readily calculated and are impractical to meter, such as CATV Power Supply Units, may, at the option of the Company, be served hereunder without the use of a meter. In such cases a flat kWh usage per month shall be billed.

Monthly kWh usage shall be determined by multiplying the total connected load in kW (including the lamps, ballasts, transformers, amplifiers, and control devices) times 730 hours. The kWh for cyclical devices shall be 50% of the total kWh so calculated. The kWh for continuous, nonintermittent devices shall be 100% of the total kWh so calculated. No reduction in kWh shall be made for devices not operated 24 hours per day, or not operated every day.

The kWh for CATV Power Supply Units shall be 50% of the total kWh as determined from the manufacturer's rated input capacity of the Power Supply Units or the actual test load, whichever is greater.

The Company may, at its option, install test meters for the purpose of determining the monthly kWh usage to be used for billing purposes.

(continued on Sheet No. D-10.00)

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## STANDARD POWER SERVICE

### Availability:

Open to any customer desiring secondary or primary voltage service where the annual highest actual demand, measured on a 15-minute interval basis, is at least 30 kW but less than 275 kW.

This rate is not available for street lighting service or for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

When the service is three-phase, 3-wire, lighting may be included provided the customer furnishes all transformation facilities required for such purpose, and so arranges the lighting circuits as to avoid excessive unbalance of the three-phase load. When service is single-phase, or 4-wire, three-phase, the single-phase individual motor capacity shall not exceed 3 Hp, and the total single-phase motor capacity shall not exceed 10 Hp, without the specific consent of the Company.

Where the Company elects to measure the service on the primary side of the transformers, 2% shall be deducted for billing purposes from the energy measurements thus made.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$30.00 per customer per month

##### Capacity Charge:

\$ ~~11.94~~7 per kW of billing demand

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-12.00)

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## STANDARD POWER SERVICE

### Availability:

Open to any customer desiring secondary or primary voltage service where the annual highest actual demand, measured on a 15-minute interval basis, is at least 30 kW but less than 275 kW.

This rate is not available for street lighting service or for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

When the service is three-phase, 3-wire, lighting may be included provided the customer furnishes all transformation facilities required for such purpose, and so arranges the lighting circuits as to avoid excessive unbalance of the three-phase load. When service is single-phase, or 4-wire, three-phase, the single-phase individual motor capacity shall not exceed 3 Hp, and the total single-phase motor capacity shall not exceed 10 Hp, without the specific consent of the Company.

Where the Company elects to measure the service on the primary side of the transformers, 2% shall be deducted for billing purposes from the energy measurements thus made.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$30.00 per customer per month

##### Capacity Charge:

\$ 11.929 per kW of billing demand

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-12.00)

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## STANDARD POWER SERVICE

### Availability:

Open to any customer desiring secondary or primary voltage service where the annual highest actual demand, measured on a 15-minute interval basis, is at least 30 kW but less than 275 kW.

This rate is not available for street lighting service or for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

When the service is three-phase, 3-wire, lighting may be included provided the customer furnishes all transformation facilities required for such purpose, and so arranges the lighting circuits as to avoid excessive unbalance of the three-phase load. When service is single-phase, or 4-wire, three-phase, the single-phase individual motor capacity shall not exceed 3 Hp, and the total single-phase motor capacity shall not exceed 10 Hp, without the specific consent of the Company.

Where the Company elects to measure the service on the primary side of the transformers, 2% shall be deducted for billing purposes from the energy measurements thus made.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$30.00 per customer per month

##### Capacity Charge:

\$ **11.912** per kW of billing demand

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-12.00)

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## STANDARD POWER SERVICE

### Availability:

Open to any customer desiring secondary or primary voltage service where the annual highest actual demand, measured on a 15-minute interval basis, is at least 30 kW but less than 275 kW.

This rate is not available for street lighting service or for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

When the service is three-phase, 3-wire, lighting may be included provided the customer furnishes all transformation facilities required for such purpose, and so arranges the lighting circuits as to avoid excessive unbalance of the three-phase load. When service is single-phase, or 4-wire, three-phase, the single-phase individual motor capacity shall not exceed 3 Hp, and the total single-phase motor capacity shall not exceed 10 Hp, without the specific consent of the Company.

Where the Company elects to measure the service on the primary side of the transformers, 2% shall be deducted for billing purposes from the energy measurements thus made.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$30.00 per customer per month

##### Capacity Charge:

\$ ~~11.894~~ per kW of billing demand

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-12.00)

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## STANDARD POWER SERVICE

### Availability:

Open to any customer desiring secondary or primary voltage service where the annual highest actual demand, measured on a 15-minute interval basis, is at least 30 kW but less than 275 kW.

This rate is not available for street lighting service or for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

When the service is three-phase, 3-wire, lighting may be included provided the customer furnishes all transformation facilities required for such purpose, and so arranges the lighting circuits as to avoid excessive unbalance of the three-phase load. When service is single-phase, or 4-wire, three-phase, the single-phase individual motor capacity shall not exceed 3 Hp, and the total single-phase motor capacity shall not exceed 10 Hp, without the specific consent of the Company.

Where the Company elects to measure the service on the primary side of the transformers, 2% shall be deducted for billing purposes from the energy measurements thus made.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$30.00 per customer per month

##### Capacity Charge:

\$ ~~11.873~~ per kW of billing demand

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-12.00)

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## STANDARD POWER SERVICE

### Availability:

Open to any customer desiring secondary or primary voltage service where the annual highest actual demand, measured on a 15-minute interval basis, is at least 30 kW but less than 275 kW.

This rate is not available for street lighting service or for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

When the service is three-phase, 3-wire, lighting may be included provided the customer furnishes all transformation facilities required for such purpose, and so arranges the lighting circuits as to avoid excessive unbalance of the three-phase load. When service is single-phase, or 4-wire, three-phase, the single-phase individual motor capacity shall not exceed 3 Hp, and the total single-phase motor capacity shall not exceed 10 Hp, without the specific consent of the Company.

Where the Company elects to measure the service on the primary side of the transformers, 2% shall be deducted for billing purposes from the energy measurements thus made.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$30.00 per customer per month

##### Capacity Charge:

\$ ~~11.855~~ per kW of billing demand

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-12.00)

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**STANDARD POWER SERVICE**  
(Continued from Sheet No. D-11.00)

**Monthly Rate (Continued):**

**Power Supply Charges:**

**Energy Charge:**

\$ **0.08518** per kWh for the first 300 kWh per kW of billing demand

\$ **0.07666** per kWh for the excess kWh

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Billing Demand:**

The billing demand shall be the maximum kilowatt demand, on a 15-minute interval basis, during the billing month, but not less than 50% of the highest billing demand of the preceding eleven months.

Billing demand determinations shall be rounded to the next highest full kilowatt.

**Adjustment for Power Factor:**

When the average power factor during the billing month is less than 80% lagging, the Company reserves the right to increase the capacity charge or charges, as applicable, for such billing month in the ratio that 80% bears to such average power factor. The Company shall determine the average power factor by test or by permanently installed measuring equipment.

**Substation Ownership Credit:**

When the customer furnishes and maintains complete substation equipment, including all transformers, switches, and other apparatus necessary to take service at primary voltage, 3% of the capacity charge or charges, as applicable, shall be deducted for billing purposes.

**Minimum Charge:**

The Customer Charge, Energy Waste Reduction Surcharge, Renewable Energy Surcharge and the Capacity Charge .

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(continued on Sheet No. D-13.00)

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## LARGE POWER SERVICE

### Availability:

Available to any customer where the annual highest actual demand is at least 250 kW, measured on a 15-minute interval basis, but not more than 1,300 kW, measured on a 60-minute interval basis.

This rate is not available for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, three-phase, the particular voltage level in each case to be determined by the Company.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$100.00 per month

##### Capacity Charge:

##### Maximum Demand Charge:

For service provided at 13,200 volts or higher nominal voltage:

\$ **3.831** per kW of maximum demand

For service provided at less than 13,200 volts nominal voltage:

\$ **5.747** per kW of maximum demand

##### On-Peak Billing Demand Charge:

For service provided at 13,200 volts or higher nominal voltage:

\$ **8.617** per kW of on-peak billing demand

For service provided at less than 13,200 volts nominal voltage:

\$ **8.789** per kW of on-peak billing demand

##### Power Factor Charge:

\$ **0.284** per excess kVar

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

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(continued on Sheet No. D-15.00)

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## LARGE POWER SERVICE

### Availability:

Available to any customer where the annual highest actual demand is at least 250 kW, measured on a 15-minute interval basis, but not more than 1,300 kW, measured on a 60-minute interval basis.

This rate is not available for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, three-phase, the particular voltage level in each case to be determined by the Company.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$100.00 per month

##### Capacity Charge:

##### Maximum Demand Charge:

For service provided at 13,200 volts or higher nominal voltage:

\$ **3.825** per kW of maximum demand

For service provided at less than 13,200 volts nominal voltage:

\$ **5.738** per kW of maximum demand

##### On-Peak Billing Demand Charge:

For service provided at 13,200 volts or higher nominal voltage:

\$ **8.605** per kW of on-peak billing demand

For service provided at less than 13,200 volts nominal voltage:

\$ **8.777** per kW of on-peak billing demand

##### Power Factor Charge:

\$ **0.284** per excess kVar

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

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(continued on Sheet No. D-15.00)

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## LARGE POWER SERVICE

### Availability:

Available to any customer where the annual highest actual demand is at least 250 kW, measured on a 15-minute interval basis, but not more than 1,300 kW, measured on a 60-minute interval basis.

This rate is not available for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, three-phase, the particular voltage level in each case to be determined by the Company.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$100.00 per month

##### Capacity Charge:

##### Maximum Demand Charge:

For service provided at 13,200 volts or higher nominal voltage:

\$ **3.819** per kW of maximum demand

For service provided at less than 13,200 volts nominal voltage:

\$ **5.729** per kW of maximum demand

##### On-Peak Billing Demand Charge:

For service provided at 13,200 volts or higher nominal voltage:

\$ **8.592** per kW of on-peak billing demand

For service provided at less than 13,200 volts nominal voltage:

\$ **8.764** per kW of on-peak billing demand

##### Power Factor Charge:

\$ **0.284** per excess kVar

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

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(continued on Sheet No. D-15.00)

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## LARGE POWER SERVICE

### Availability:

Available to any customer where the annual highest actual demand is at least 250 kW, measured on a 15-minute interval basis, but not more than 1,300 kW, measured on a 60-minute interval basis.

This rate is not available for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, three-phase, the particular voltage level in each case to be determined by the Company.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$100.00 per month

##### Capacity Charge:

##### Maximum Demand Charge:

For service provided at 13,200 volts or higher nominal voltage:

\$ **3.814** per kW of maximum demand

For service provided at less than 13,200 volts nominal voltage:

\$ **5.721** per kW of maximum demand

##### On-Peak Billing Demand Charge:

For service provided at 13,200 volts or higher nominal voltage:

\$ **8.579** per kW of on-peak billing demand

For service provided at less than 13,200 volts nominal voltage:

\$ **8.751** per kW of on-peak billing demand

##### Power Factor Charge:

\$ **0.284** per excess kVar

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

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(continued on Sheet No. D-15.00)

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## LARGE POWER SERVICE

### Availability:

Available to any customer where the annual highest actual demand is at least 250 kW, measured on a 15-minute interval basis, but not more than 1,300 kW, measured on a 60-minute interval basis.

This rate is not available for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, three-phase, the particular voltage level in each case to be determined by the Company.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$100.00 per month

##### Capacity Charge:

##### Maximum Demand Charge:

For service provided at 13,200 volts or higher nominal voltage:

\$ **3.807** per kW of maximum demand

For service provided at less than 13,200 volts nominal voltage:

\$ **5.711** per kW of maximum demand

##### On-Peak Billing Demand Charge:

For service provided at 13,200 volts or higher nominal voltage:

\$ **8.567** per kW of on-peak billing demand

For service provided at less than 13,200 volts nominal voltage:

\$ **8.738** per kW of on-peak billing demand

##### Power Factor Charge:

\$ **0.284** per excess kVar

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

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(continued on Sheet No. D-15.00)

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Kenneth A. Dragiewicz, President  
Alpena, MI 49707

Effective for service rendered on  
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## LARGE POWER SERVICE

### Availability:

Available to any customer where the annual highest actual demand is at least 250 kW, measured on a 15-minute interval basis, but not more than 1,300 kW, measured on a 60-minute interval basis.

This rate is not available for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, three-phase, the particular voltage level in each case to be determined by the Company.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$100.00 per month

##### Capacity Charge:

##### Maximum Demand Charge:

For service provided at 13,200 volts or higher nominal voltage:

\$ **3.802** per kW of maximum demand

For service provided at less than 13,200 volts nominal voltage:

\$ **5.703** per kW of maximum demand

##### On-Peak Billing Demand Charge:

For service provided at 13,200 volts or higher nominal voltage:

\$ **8.553** per kW of on-peak billing demand

For service provided at less than 13,200 volts nominal voltage:

\$ **8.724** per kW of on-peak billing demand

##### Power Factor Charge:

\$ **0.284** per excess kVar

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

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(continued on Sheet No. D-15.00)

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**LARGE POWER SERVICE**  
(Continued from Sheet No. D-14.00)

**Monthly Rate (Continued):**

**Power Supply Charges:**

**Energy Charge:**

For service provided at 13,200 volts or higher nominal voltage:

\$ **0.08436** per kWh for all kWh consumed during the on-peak period

\$ **0.07002** per kWh for all kWh consumed during the off-peak period

For service provided at less than 13,200 volts nominal voltage:

\$ **0.08605** per kWh for all kWh consumed during the on-peak period

\$ **0.07142** per kWh for all kWh consumed during the off-peak period

**Power Factor Charge:**

\$ **0.39** per excess kVar

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**On-Peak Billing Demand:**

The on-peak billing demand shall be based on the highest on-peak demand created during the billing month, provided that no on-peak billing demand shall be less than 50% of the highest on-peak billing demand of the previous eleven billing months.

The on-peak demand shall be the highest 60-minute demand created during on-peak hours. Billing demand determinations shall be rounded to the next highest full kilowatt.

(continued on Sheet No. D-16.00)

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**LARGE POWER SERVICE**  
(Continued from Sheet No. D-16.00)

**Monthly Rate (Continued):**

**Billing Determinants:**

All billing determinants shall be based upon recorded meter information.

**Minimum Charge:**

The capacity charge, Energy Waste Reduction Surcharge, Renewable Energy Surcharge and the customer charge.

**Customer Switching Service Charge:**

\$5.00 each time a customer switches between Generation Service providers. This includes switches from one AES to another, from the Company to an AES, and from an AES to the Company. The customer may switch Generation Service providers at the end of any billing month provided the notice requirements of Section E, starting on (Sheet No. E-1.00). are met. The Customer Switching Service Charge shall not be applied for the first switch of each calendar year or at a time the customer returns to its immediately previous Generation Service provider because the customer was Slammed by an AES.

**Due Date and Late Payment Charge:**

The due date of the customer bill shall be 21 days from the date of transmittal. A late payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon.

**Rules and Regulations:**

Service under this rate is governed by the Company's Standard Rules and Regulations. The charges under this rate are subject to the General Terms and Conditions of Rate Schedules (Sheet No. D-1.00 through Sheet No. D-4.00).

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**LARGE INDUSTRIAL SERVICE**

**Availability:**

Available to any customer desiring primary voltage service where the capacity requirement is 1,250 kW or more. However, customers whose capacity requirements exceed 2,000 kW, or whose service requirements involve unusual Company investments, may be required to enter into a special contract. This rate is not available for resale purposes.

**Nature of Service:**

Alternating current, 60 hertz, three-phase, the particular voltage level in each case to be determined by the Company.

**Term and Form of Contract:**

All service under this rate shall require a written contract with a minimum term of one year.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Distribution Charges:**

**Customer Charge:**

\$400.00 per month

**Capacity Charge:**

**Maximum Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **1.789** per kW of maximum demand

For service provided at 13,800 volts nominal voltage:

\$ **1.789** per kW of maximum demand

For service provided at 13,200 or lower volts nominal voltage:

\$ **3.719** per kW of maximum demand

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(continued on Sheet No. D-19.00)

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**LARGE INDUSTRIAL SERVICE**

**Availability:**

Available to any customer desiring primary voltage service where the capacity requirement is 1,250 kW or more. However, customers whose capacity requirements exceed 2,000 kW, or whose service requirements involve unusual Company investments, may be required to enter into a special contract. This rate is not available for resale purposes.

**Nature of Service:**

Alternating current, 60 hertz, three-phase, the particular voltage level in each case to be determined by the Company.

**Term and Form of Contract:**

All service under this rate shall require a written contract with a minimum term of one year.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Distribution Charges:**

**Customer Charge:**

\$400.00 per month

**Capacity Charge:**

**Maximum Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **1.786** per kW of maximum demand

For service provided at 13,800 volts nominal voltage:

\$ **1.786** per kW of maximum demand

For service provided at 13,200 or lower volts nominal voltage:

\$ **3.712** per kW of maximum demand

(continued on Sheet No. D-19.00)

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**LARGE INDUSTRIAL SERVICE**

**Availability:**

Available to any customer desiring primary voltage service where the capacity requirement is 1,250 kW or more. However, customers whose capacity requirements exceed 2,000 kW, or whose service requirements involve unusual Company investments, may be required to enter into a special contract. This rate is not available for resale purposes.

**Nature of Service:**

Alternating current, 60 hertz, three-phase, the particular voltage level in each case to be determined by the Company.

**Term and Form of Contract:**

All service under this rate shall require a written contract with a minimum term of one year.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Distribution Charges:**

**Customer Charge:**

\$400.00 per month

**Capacity Charge:**

**Maximum Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **1.782** per kW of maximum demand

For service provided at 13,800 volts nominal voltage:

\$ **1.782** per kW of maximum demand

For service provided at 13,200 or lower volts nominal voltage:

\$ **3.707** per kW of maximum demand

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(continued on Sheet No. D-19.00)

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**LARGE INDUSTRIAL SERVICE**

**Availability:**

Available to any customer desiring primary voltage service where the capacity requirement is 1,250 kW or more. However, customers whose capacity requirements exceed 2,000 kW, or whose service requirements involve unusual Company investments, may be required to enter into a special contract. This rate is not available for resale purposes.

**Nature of Service:**

Alternating current, 60 hertz, three-phase, the particular voltage level in each case to be determined by the Company.

**Term and Form of Contract:**

All service under this rate shall require a written contract with a minimum term of one year.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Distribution Charges:**

**Customer Charge:**

\$400.00 per month

**Capacity Charge:**

**Maximum Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **1.779** per kW of maximum demand

For service provided at 13,800 volts nominal voltage:

\$ **1.779** per kW of maximum demand

For service provided at 13,200 or lower volts nominal voltage:

\$ **3.699** per kW of maximum demand

(continued on Sheet No. D-19.00)

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## LARGE INDUSTRIAL SERVICE

### Availability:

Available to any customer desiring primary voltage service where the capacity requirement is 1,250 kW or more. However, customers whose capacity requirements exceed 2,000 kW, or whose service requirements involve unusual Company investments, may be required to enter into a special contract. This rate is not available for resale purposes.

### Nature of Service:

Alternating current, 60 hertz, three-phase, the particular voltage level in each case to be determined by the Company.

### Term and Form of Contract:

All service under this rate shall require a written contract with a minimum term of one year.

### Customer Choice of Generation Service Provider:

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

### Monthly Rate:

#### Distribution Charges:

##### Customer Charge:

\$400.00 per month

##### Capacity Charge:

##### Maximum Demand Charge:

For service provided at 34,500 volts nominal voltage:

\$ **1.775** per kW of maximum demand

For service provided at 13,800 volts nominal voltage:

\$ **1.775** per kW of maximum demand

For service provided at 13,200 or lower volts nominal voltage:

\$ **3.693** per kW of maximum demand

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(continued on Sheet No. D-19.00)

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**LARGE INDUSTRIAL SERVICE**

**Availability:**

Available to any customer desiring primary voltage service where the capacity requirement is 1,250 kW or more. However, customers whose capacity requirements exceed 2,000 kW, or whose service requirements involve unusual Company investments, may be required to enter into a special contract. This rate is not available for resale purposes.

**Nature of Service:**

Alternating current, 60 hertz, three-phase, the particular voltage level in each case to be determined by the Company.

**Term and Form of Contract:**

All service under this rate shall require a written contract with a minimum term of one year.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in Section E, starting on (Sheet No. E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Distribution Charges:**

**Customer Charge:**

\$400.00 per month

**Capacity Charge:**

**Maximum Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **1.771** per kW of maximum demand

For service provided at 13,800 volts nominal voltage:

\$ **1.771** per kW of maximum demand

For service provided at 13,200 or lower volts nominal voltage:

\$ **3.686** per kW of maximum demand

(continued on Sheet No. D-19.00)

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**LARGE INDUSTRIAL SERVICE**  
(Continued from Sheet No. D-18.00)

**Monthly Rate (Continued):**

**Distribution Charges (Continued):**

**Capacity Charges (Continued):**

**On-Peak Billing Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **2.348** per kW of on-peak billing demand

For service provided at 13,800 volts nominal voltage:

\$ **2.348** per kW of on-peak billing demand

For service provided at 13,200 volts or lower nominal voltage:

\$ **5.257** per kW of on-peak billing demand

**Power Factor Charge:** \$ **0.284** per excess kVar

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges:**

**Capacity Charge:**

**On-Peak Billing Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$5.000 per kW of on-peak billing demand

For service provided at 13,800 volts nominal voltage:

\$5.000 per kW of on-peak billing demand

For service provided at 13,200 volts or lower nominal voltage:

\$4.480 per kW of on-peak billing demand

**Energy Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **0.07307** per kWh for all kWh consumed during the on-peak period

\$ **0.06065** per kWh for all kWh consumed during the off-peak period

For service provided at 13,800 volts nominal voltage:

\$ **0.07307** per kWh for all kWh consumed during the on-peak period

\$ **0.06065** per kWh for all kWh consumed during the off-peak period

For service provided at 13,200 volts or lower nominal voltage:

\$ **0.07346** per kWh for all kWh consumed during the on-peak period

\$ **0.06097** per kWh for all kWh consumed during the off-peak period

**Power Factor Charge:** \$0.39 per excess kVar

(continued on Sheet No. D-20.00)

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**LARGE INDUSTRIAL SERVICE**  
(Continued from Sheet No. D-18.00)

**Monthly Rate (Continued):**

**Distribution Charges (Continued):**

**Capacity Charges (Continued):**

**On-Peak Billing Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$ ~~2.344~~ per kW of on-peak billing demand

For service provided at 13,800 volts nominal voltage:

\$ ~~2.344~~ per kW of on-peak billing demand

For service provided at 13,200 volts or lower nominal voltage:

\$ ~~5.246~~ per kW of on-peak billing demand

**Power Factor Charge:** \$ 0.284 per excess kVar

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges:**

**Capacity Charge:**

**On-Peak Billing Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$5.000 per kW of on-peak billing demand

For service provided at 13,800 volts nominal voltage:

\$5.000 per kW of on-peak billing demand

For service provided at 13,200 volts or lower nominal voltage:

\$4.480 per kW of on-peak billing demand

**Energy Charge:**

For service provided at 34,500 volts nominal voltage:

\$ ~~0.07307~~ per kWh for all kWh consumed during the on-peak period

\$ ~~0.06065~~ per kWh for all kWh consumed during the off-peak period

For service provided at 13,800 volts nominal voltage:

\$ ~~0.07307~~ per kWh for all kWh consumed during the on-peak period

\$ ~~0.06065~~ per kWh for all kWh consumed during the off-peak period

For service provided at 13,200 volts or lower nominal voltage:

\$ ~~0.07346~~ per kWh for all kWh consumed during the on-peak period

\$ ~~0.06097~~ per kWh for all kWh consumed during the off-peak period

**Power Factor Charge:** \$0.39 per excess kVar

(continued on Sheet No. D-20.00)

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**LARGE INDUSTRIAL SERVICE**  
(Continued from Sheet No. D-18.00)

**Monthly Rate (Continued):**

**Distribution Charges (Continued):**

**Capacity Charges (Continued):**

**On-Peak Billing Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **2.339** per kW of on-peak billing demand

For service provided at 13,800 volts nominal voltage:

\$ **2.339** per kW of on-peak billing demand

For service provided at 13,200 volts or lower nominal voltage:

\$ **5.239** per kW of on-peak billing demand

**Power Factor Charge:** \$ **0.284** per excess kVar

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges:**

**Capacity Charge:**

**On-Peak Billing Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$5.000 per kW of on-peak billing demand

For service provided at 13,800 volts nominal voltage:

\$5.000 per kW of on-peak billing demand

For service provided at 13,200 volts or lower nominal voltage:

\$4.480 per kW of on-peak billing demand

**Energy Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **0.07307** per kWh for all kWh consumed during the on-peak period

\$ **0.06065** per kWh for all kWh consumed during the off-peak period

For service provided at 13,800 volts nominal voltage:

\$ **0.07307** per kWh for all kWh consumed during the on-peak period

\$ **0.06065** per kWh for all kWh consumed during the off-peak period

For service provided at 13,200 volts or lower nominal voltage:

\$ **0.07346** per kWh for all kWh consumed during the on-peak period

\$ **0.06097** per kWh for all kWh consumed during the off-peak period

**Power Factor Charge:** \$0.39 per excess kVar

(continued on Sheet No. D-20.00)

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**LARGE INDUSTRIAL SERVICE**  
(Continued from Sheet No. D-18.00)

**Monthly Rate (Continued):**

**Distribution Charges (Continued):**

**Capacity Charges (Continued):**

**On-Peak Billing Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$~~2.335~~ per kW of on-peak billing demand

For service provided at 13,800 volts nominal voltage:

\$ ~~2.335~~ per kW of on-peak billing demand

For service provided at 13,200 volts or lower nominal voltage:

\$ ~~5.228~~ per kW of on-peak billing demand

**Power Factor Charge:** \$ ~~0.284~~ per excess kVar

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges:**

**Capacity Charge:**

**On-Peak Billing Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$5.000 per kW of on-peak billing demand

For service provided at 13,800 volts nominal voltage:

\$5.000 per kW of on-peak billing demand

For service provided at 13,200 volts or lower nominal voltage:

\$4.480 per kW of on-peak billing demand

**Energy Charge:**

For service provided at 34,500 volts nominal voltage:

\$ ~~0.07307~~ per kWh for all kWh consumed during the on-peak period

\$ ~~0.06065~~ per kWh for all kWh consumed during the off-peak period

For service provided at 13,800 volts nominal voltage:

\$ ~~0.07307~~ per kWh for all kWh consumed during the on-peak period

\$ ~~0.06065~~ per kWh for all kWh consumed during the off-peak period

For service provided at 13,200 volts or lower nominal voltage:

\$ ~~0.07346~~ per kWh for all kWh consumed during the on-peak period

\$ ~~0.06097~~ per kWh for all kWh consumed during the off-peak period

**Power Factor Charge:** \$0.39 per excess kVar

(continued on Sheet No. D-20.00)

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**LARGE INDUSTRIAL SERVICE**  
(Continued from Sheet No. D-18.00)

**Monthly Rate (Continued):**

**Distribution Charges (Continued):**

**Capacity Charges (Continued):**

**On-Peak Billing Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **2.330** per kW of on-peak billing demand

For service provided at 13,800 volts nominal voltage:

\$ **2.330** per kW of on-peak billing demand

For service provided at 13,200 volts or lower nominal voltage:

\$ **5.219** per kW of on-peak billing demand

**Power Factor Charge:** \$ **0.284** per excess kVar

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges:**

**Capacity Charge:**

**On-Peak Billing Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$5.000 per kW of on-peak billing demand

For service provided at 13,800 volts nominal voltage:

\$5.000 per kW of on-peak billing demand

For service provided at 13,200 volts or lower nominal voltage:

\$4.480 per kW of on-peak billing demand

**Energy Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **0.07307** per kWh for all kWh consumed during the on-peak period

\$ **0.06065** per kWh for all kWh consumed during the off-peak period

For service provided at 13,800 volts nominal voltage:

\$ **0.07307** per kWh for all kWh consumed during the on-peak period

\$ **0.06065** per kWh for all kWh consumed during the off-peak period

For service provided at 13,200 volts or lower nominal voltage:

\$ **0.07346** per kWh for all kWh consumed during the on-peak period

\$ **0.06097** per kWh for all kWh consumed during the off-peak period

**Power Factor Charge:** \$0.39 per excess kVar

(continued on Sheet No. D-20.00)

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**LARGE INDUSTRIAL SERVICE**  
(Continued from Sheet No. D-18.00)

**Monthly Rate (Continued):**

**Distribution Charges (Continued):**

**Capacity Charges (Continued):**

**On-Peak Billing Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **2.327** per kW of on-peak billing demand

For service provided at 13,800 volts nominal voltage:

\$ **2.327** per kW of on-peak billing demand

For service provided at 13,200 volts or lower nominal voltage:

\$ **5.208** per kW of on-peak billing demand

**Power Factor Charge:** \$ **0.284** per excess kVar

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges:**

**Capacity Charge:**

**On-Peak Billing Demand Charge:**

For service provided at 34,500 volts nominal voltage:

\$5.000 per kW of on-peak billing demand

For service provided at 13,800 volts nominal voltage:

\$5.000 per kW of on-peak billing demand

For service provided at 13,200 volts or lower nominal voltage:

\$4.480 per kW of on-peak billing demand

**Energy Charge:**

For service provided at 34,500 volts nominal voltage:

\$ **0.07307** per kWh for all kWh consumed during the on-peak period

\$ **0.06065** per kWh for all kWh consumed during the off-peak period

For service provided at 13,800 volts nominal voltage:

\$ **0.07307** per kWh for all kWh consumed during the on-peak period

\$ **0.06065** per kWh for all kWh consumed during the off-peak period

For service provided at 13,200 volts or lower nominal voltage:

\$ **0.07346** per kWh for all kWh consumed during the on-peak period

\$ **0.06097** per kWh for all kWh consumed during the off-peak period

**Power Factor Charge:** \$0.39 per excess kVar

(continued on Sheet No. D-20.00)

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**LARGE INDUSTRIAL SERVICE**  
(Continued from Sheet No. D-21.00)

**Monthly Rate (Continued):**

**Interruptible Load Discount:**

A credit of \$ 2.50 per kW of on-peak billing demand shall be applied to any Full Requirements Service customer who contracts in writing to permit the Company to curtail its entire load during a period of short-term power emergency.

If the customer wishes to allow a portion, but not all, of its load to be curtailed during a period of short-term power emergency, it can, subject to approval by the Company, nominate a firm load reservation that is no more than 25% of its maximum load. The customer's load above the firm load reservation will then be subject to curtailment. A credit of **\$2.40** per kW of that portion of the on-peak billing demand which is in excess of the customer's firm load reservation shall be applied to any customer who contracts in writing to permit the Company to curtail a portion of its load during a period of short-term power emergency.

The customer shall be provided, whenever possible, notice in advance of probable interruption and the estimated duration of the interruption. Customers who do not interrupt within one hour following notice of an interruption order shall be billed at the cost of replacement energy plus \$0.01 per kWh during the time of the interruption, but not less than \$0.07 per kWh. Additionally the customer shall be billed at the rate of \$50 per kW for the highest 60-minute kW demand created during the interruption period for all usage above the customer's firm demand, in addition to the prescribed monthly rate.

Once the customer has contracted in writing to permit all or a portion of its load to be curtailed it must provide 24 months written notice of its desire to revert to firm service or to increase the firm load reservation. The Company may waive all or a portion of this notice requirement.

**Billing Determinants:**

All billing determinants shall be based upon recorded meter information.

**Minimum Charge:**

The Capacity Charge plus the Customer Charge, Energy Waste Reduction Surcharge, and Renewable Energy Surcharge.

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(continued on Sheet No. D-23.00)

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**EFFICIENT ELECTRIC HEAT SERVICE (EEHS)**

**Availability:**

Open to any customer eligible for the Residential or General Service Rates who uses Geothermal or Heat Pump Systems and take service from the Company. This rate is not available for resale purposes. Total load is not to exceed 35kW, measured on a 15-minute interval basis. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying EEHS usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered EEHS Time-of-Day:** An additional multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure EEHS kWh usage from all other kWh usage at the residence. EEHS kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at applicable Rates.

**Distribution Charges for Residential Service Customer:**

**Customer Charge:** \$ 5.00 per customer per month  
**Energy Charge:** \$0.06364 per kWh for all kWh consumed during the on-peak period  
\$0.05282 per kWh for all kWh consumed during the off-peak period

(continued on Sheet No. D-28.00)

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**EFFICIENT ELECTRIC HEAT SERVICE (EEHS)**

**Availability:**

Open to any customer eligible for the Residential or General Service Rates who uses Geothermal or Heat Pump Systems and take service from the Company. This rate is not available for resale purposes. Total load is not to exceed 35kW, measured on a 15-minute interval basis. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying EEHS usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered EEHS Time-of-Day:** An additional multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure EEHS kWh usage from all other kWh usage at the residence. EEHS kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at applicable Rates.

**Distribution Charges for Residential Service Customer:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** ~~\$0.06354~~ per kWh for all kWh consumed during the on-peak period  
~~\$0.05274~~ per kWh for all kWh consumed during the off-peak period

(continued on Sheet No. D-28.00)

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**EFFICIENT ELECTRIC HEAT SERVICE (EEHS)**

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**Availability:**

Open to any customer eligible for the Residential or General Service Rates who uses Geothermal or Heat Pump Systems and take service from the Company. This rate is not available for resale purposes. Total load is not to exceed 35kW, measured on a 15-minute interval basis. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying EEHS usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered EEHS Time-of-Day:** An additional multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure EEHS kWh usage from all other kWh usage at the residence. EEHS kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at applicable Rates.

**Distribution Charges for Residential Service Customer:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** ***\$0.06344*** per kWh for all kWh consumed during the on-peak period  
***\$0.05266*** per kWh for all kWh consumed during the off-peak period

(continued on Sheet No. D-28.00)

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**EFFICIENT ELECTRIC HEAT SERVICE (EEHS)**

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**Availability:**

Open to any customer eligible for the Residential or General Service Rates who uses Geothermal or Heat Pump Systems and take service from the Company. This rate is not available for resale purposes. Total load is not to exceed 35kW, measured on a 15-minute interval basis. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying EEHS usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered EEHS Time-of-Day:** An additional multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure EEHS kWh usage from all other kWh usage at the residence. EEHS kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at applicable Rates.

**Distribution Charges for Residential Service Customer:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** ***\$0.06334*** per kWh for all kWh consumed during the on-peak period  
***\$0.05257*** per kWh for all kWh consumed during the off-peak period

(continued on Sheet No. D-28.00)

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**EFFICIENT ELECTRIC HEAT SERVICE (EEHS)**

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**Availability:**

Open to any customer eligible for the Residential or General Service Rates who uses Geothermal or Heat Pump Systems and take service from the Company. This rate is not available for resale purposes. Total load is not to exceed 35kW, measured on a 15-minute interval basis. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying EEHS usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered EEHS Time-of-Day:** An additional multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure EEHS kWh usage from all other kWh usage at the residence. EEHS kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at applicable Rates.

**Distribution Charges for Residential Service Customer:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** ***\$0.06325*** per kWh for all kWh consumed during the on-peak period  
***\$0.05250*** per kWh for all kWh consumed during the off-peak period

(continued on Sheet No. D-28.00)

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**EFFICIENT ELECTRIC HEAT SERVICE (EEHS)**

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**Availability:**

Open to any customer eligible for the Residential or General Service Rates who uses Geothermal or Heat Pump Systems and take service from the Company. This rate is not available for resale purposes. Total load is not to exceed 35kW, measured on a 15-minute interval basis. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying EEHS usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered EEHS Time-of-Day:** An additional multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure EEHS kWh usage from all other kWh usage at the residence. EEHS kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at applicable Rates.

**Distribution Charges for Residential Service Customer:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** ***\$0.06315*** per kWh for all kWh consumed during the on-peak period  
***\$0.05241*** per kWh for all kWh consumed during the off-peak period

(continued on Sheet No. D-28.00)

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**EFFICIENT ELECTRIC HEAT (EEHS)**  
(Continued from Sheet No. D-27.00)

**Distribution Charges for General Service Customer:**

**Customer Charge:** \$ 7.00 per customer per month  
**Energy Charge:** \$0.06006 per kWh for all kWh consumed during the on-peak period  
\$0.04985 per kWh for all kWh consumed during the off-peak period

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges for Residential Service Customer:**

**Energy Charge:** \$0.07767 per kWh for all kWh consumed during the on-peak period  
\$0.06447 per kWh for all kWh consumed during the off-peak period

**Power Supply Charges for General Service Customer:**

**Energy Charge:** \$0.08069 per kWh for all kWh consumed during the on-peak period  
\$0.06697 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered EEHS Time-of-Day:** A standard meter will measure total kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure EEHS kWh usage only. Total usage will be billed at Standard Monthly Rates. A second meter charge will apply and for all off-peak EEHS kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit for Residential Customers:** \$(0.01082) per kWh for all kWh consumed during the off-peak period.

**Distribution Charge Credit for General Service Customers:** \$(0.01021) per kWh for all kWh consumed during the off-peak period.

(continued on Sheet No. D-29.00)

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**EFFICIENT ELECTRIC HEAT (EEHS)**  
(Continued from Sheet No. D-27.00)

**Distribution Charges for General Service Customer:**

**Customer Charge:** \$ 7.00 per customer per month  
**Energy Charge:** ***\$0.05997*** per kWh for all kWh consumed during the on-peak period  
***\$0.04978*** per kWh for all kWh consumed during the off-peak period

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges for Residential Service Customer:**

**Energy Charge:** \$0.07767 per kWh for all kWh consumed during the on-peak period  
\$0.06447 per kWh for all kWh consumed during the off-peak period

**Power Supply Charges for General Service Customer:**

**Energy Charge:** \$0.08069 per kWh for all kWh consumed during the on-peak period  
\$0.06697 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered EEHS Time-of-Day:** A standard meter will measure total kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure EEHS kWh usage only. Total usage will be billed at Standard Monthly Rates. A second meter charge will apply and for all off-peak EEHS kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit for Residential Customers:** \$(0.01080) per kWh for all kWh consumed during the off-peak period.

**Distribution Charge Credit for General Service Customers:** \$(0.01019) per kWh for all kWh consumed during the off-peak period.

(continued on Sheet No. D-29.00)



**EFFICIENT ELECTRIC HEAT (EEHS)**  
(Continued from Sheet No. D-27.00)

**Distribution Charges for General Service Customer:**

**Customer Charge:** \$ 7.00 per customer per month  
**Energy Charge:** ***\$0.05988*** per kWh for all kWh consumed during the on-peak period  
***\$0.04970*** per kWh for all kWh consumed during the off-peak period

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges for Residential Service Customer:**

**Energy Charge:** \$0.07767 per kWh for all kWh consumed during the on-peak period  
\$0.06447 per kWh for all kWh consumed during the off-peak period

**Power Supply Charges for General Service Customer:**

**Energy Charge:** \$0.08069 per kWh for all kWh consumed during the on-peak period  
\$0.06697 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered EEHS Time-of-Day:** A standard meter will measure total kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure EEHS kWh usage only. Total usage will be billed at Standard Monthly Rates. A second meter charge will apply and for all off-peak EEHS kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit for Residential Customers:** \$(0.01078) per kWh for all kWh consumed during the off-peak period.

**Distribution Charge Credit for General Service Customers:** \$(0.01018) per kWh for all kWh consumed during the off-peak period.

(continued on Sheet No. D-29.00)

**EFFICIENT ELECTRIC HEAT (EEHS)**  
(Continued from Sheet No. D-27.00)

**Distribution Charges for General Service Customer:**

**Customer Charge:** \$ 7.00 per customer per month  
**Energy Charge:** ***\$0.05979*** per kWh for all kWh consumed during the on-peak period  
***\$0.04963*** per kWh for all kWh consumed during the off-peak period

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges for Residential Service Customer:**

**Energy Charge:** \$0.07767 per kWh for all kWh consumed during the on-peak period  
\$0.06447 per kWh for all kWh consumed during the off-peak period

**Power Supply Charges for General Service Customer:**

**Energy Charge:** \$0.08069 per kWh for all kWh consumed during the on-peak period  
\$0.06697 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered EEHS Time-of-Day:** A standard meter will measure total kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure EEHS kWh usage only. Total usage will be billed at Standard Monthly Rates. A second meter charge will apply and for all off-peak EEHS kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit for Residential Customers:** \$(0.01077) per kWh for all kWh consumed during the off-peak period.

**Distribution Charge Credit for General Service Customers:** \$(0.01016) per kWh for all kWh consumed during the off-peak period.

(continued on Sheet No. D-29.00)

**EFFICIENT ELECTRIC HEAT (EEHS)**  
(Continued from Sheet No. D-27.00)

**Distribution Charges for General Service Customer:**

**Customer Charge:** \$ 7.00 per customer per month  
**Energy Charge:** ~~\$0.05969~~ per kWh for all kWh consumed during the on-peak period  
~~\$0.04954~~ per kWh for all kWh consumed during the off-peak period

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges for Residential Service Customer:**

**Energy Charge:** \$0.07767 per kWh for all kWh consumed during the on-peak period  
\$0.06447 per kWh for all kWh consumed during the off-peak period

**Power Supply Charges for General Service Customer:**

**Energy Charge:** \$0.08069 per kWh for all kWh consumed during the on-peak period  
\$0.06697 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered EEHS Time-of-Day:** A standard meter will measure total kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure EEHS kWh usage only. Total usage will be billed at Standard Monthly Rates. A second meter charge will apply and for all off-peak EEHS kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit for Residential Customers:** \$(0.01075) per kWh for all kWh consumed during the off-peak period.

**Distribution Charge Credit for General Service Customers:** \$(0.01015) per kWh for all kWh consumed during the off-peak period.

(continued on Sheet No. D-29.00)

**EFFICIENT ELECTRIC HEAT (EEHS)**  
(Continued from Sheet No. D-27.00)

**Distribution Charges for General Service Customer:**

**Customer Charge:** \$ 7.00 per customer per month  
**Energy Charge:** ***\$0.05960*** per kWh for all kWh consumed during the on-peak period  
***\$0.04947*** per kWh for all kWh consumed during the off-peak period

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges for Residential Service Customer:**

**Energy Charge:** \$0.07767 per kWh for all kWh consumed during the on-peak period  
\$0.06447 per kWh for all kWh consumed during the off-peak period

**Power Supply Charges for General Service Customer:**

**Energy Charge:** \$0.08069 per kWh for all kWh consumed during the on-peak period  
\$0.06697 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered EEHS Time-of-Day:** A standard meter will measure total kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure EEHS kWh usage only. Total usage will be billed at Standard Monthly Rates. A second meter charge will apply and for all off-peak EEHS kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit for Residential Customers:** \$(0.01074) per kWh for all kWh consumed during the off-peak period.

**Distribution Charge Credit for General Service Customers:** \$(0.01013) per kWh for all kWh consumed during the off-peak period.

(continued on Sheet No. D-29.00)

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**EFFICIENT ELECTRIC HEAT (EEHS)**  
(Continued from Sheet No. D-28.00)

**Power Supply Charges**

**Power Supply Charge Credit for Residential Customers:** \$(0.01320) per kWh for all kWh consumed during the off-peak period.

**Power Supply Charge Credit for General Service Customers:** \$(0.01372) per kWh for all kWh consumed during the off-peak period.

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

**Customer Switching Service Charge:**

\$5.00 each time a customer switches between Generation Service providers. This includes switches from one AES to another, from the Company to an AES, and from an AES to the Company. The customer may switch Generation Service providers at the end of any billing month provided the notice requirements of (Sheet No. E-6.00, Section 2.4) are met. The Customer Switching Service Charge shall not be applied for the first switch of each calendar year or at a time the customer returns to its immediately previous Generation Service provider because the customer was Slammed by an AES.

**Due Date and Late Payment Charge:**

The due date of the customer bill shall be 21 days from the date of transmittal. A late payment charge of 2%, not compounded, of the unpaid balance, net of taxes, shall be assessed to any bill which is delinquent. The late payment charge shall not apply to customers participating in the Winter Protection Plan.

**Schedule of On-Peak and Off-Peak Hours:**

The following schedule shall apply Monday through Friday (except holidays designated by the Company). Weekends and holidays are off-peak.

On-Peak Hours: 9:00 a.m. to 9:00 p.m.

Off-Peak Hours: All other hours

**Holidays Designated by the Company:**

The following are designated as holidays by the Company:

New Year's Day

Labor Day

Memorial Day

Thanksgiving Day

Independence Day

Christmas Day

**Rules and Regulations:**

Service under this rate is governed by the Company's Standard Rules and Regulations. The charges under this rate are subject to the General Terms and Conditions of Rate Schedules (Sheet No. D-1.00 through Sheet No. D-4.00).

### OUTDOOR PROTECTIVE LIGHTING SERVICE

**Availability:**

Customers desiring controlled service for outdoor protective lighting on premises where the customer is presently taking service under a standard rate schedule.

**Hours of Service:**

Dusk to dawn service controlled by photo-sensitive devices which provide service every night and all night for approximately 4,200 hours per year.

**Nature of Service:**

New Service requests will consist of a light emitting diode (LED) fixture appropriately mounted. Customers that have existing high-pressure sodium (HPS) lights in place are able to continue to use those lights until such time as the fixture is damaged or the company determines it needs to be replaced. At that time, it will be replaced with an LED fixture. Non-functioning lights must be reported by the customer and the Company shall undertake to repair the light as soon as reasonably possible during regular working hours.

Customers that request to have their existing HPS lights replaced with the new LED lights would be responsible for paying a \$200.00 service charge to have a company service crew go to their site, remove the old HPS light and install a new LED light.

**Monthly Rate:**

**Existing pole and existing secondary facilities:**

100 watt, 8,500 nom. lumens	\$ <b>11.44</b> per month, per light
250 watt, 24,000 nom. lumens	\$ <b>19.22</b> per month, per light
60 watt, 7,100 nom. lumens	\$ <b>11.44</b> per month, per light
177 watt, 18,050 nom. lumens	\$ <b>19.22</b> per month, per light

**New pole and single span of new secondary facilities:**

100 watt, 8,500 nom. lumens	\$ <b>13.21</b> per month, per light
250 watt, 24,000 nom. lumens	\$ <b>21.11</b> per month, per light
60 watt, 7,100 nom. lumens	\$ <b>13.21</b> per month, per light
177 watt, 18,050 nom. lumens	\$ <b>21.11</b> per month, per light

Bills shall be rendered in equal monthly installments without provision for partial or seasonal service.

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-31.00)

Issued \_\_\_\_\_, 2021, by  
Kenneth A. Dragiewicz, President  
Alpena, MI 49707

Effective for service rendered on  
and after January 1, 2022

Issued under authority of the  
Michigan Public Service Commission  
dated,  
in Case No. U-21045

### OUTDOOR PROTECTIVE LIGHTING SERVICE

**Availability:**

Customers desiring controlled service for outdoor protective lighting on premises where the customer is presently taking service under a standard rate schedule.

**Hours of Service:**

Dusk to dawn service controlled by photo-sensitive devices which provide service every night and all night for approximately 4,200 hours per year.

**Nature of Service:**

New Service requests will consist of a light emitting diode (LED) fixture appropriately mounted. Customers that have existing high-pressure sodium (HPS) lights in place are able to continue to use those lights until such time as the fixture is damaged or the company determines it needs to be replaced. At that time, it will be replaced with an LED fixture. Non-functioning lights must be reported by the customer and the Company shall undertake to repair the light as soon as reasonably possible during regular working hours.

Customers that request to have their existing HPS lights replaced with the new LED lights would be responsible for paying a \$200.00 service charge to have a company service crew go to their site, remove the old HPS light and install a new LED light.

**Monthly Rate:**

**Existing pole and existing secondary facilities:**

100 watt, 8,500 nom. lumens	\$ <b>12.25</b> per month, per light
250 watt, 24,000 nom. lumens	\$ <b>20.58</b> per month, per light
60 watt, 7,100 nom. lumens	\$ <b>12.25</b> per month, per light
177 watt, 18,050 nom. lumens	\$ <b>20.58</b> per month, per light

**New pole and single span of new secondary facilities:**

100 watt, 8,500 nom. lumens	\$ <b>14.14</b> per month, per light
250 watt, 24,000 nom. lumens	\$ <b>22.59</b> per month, per light
60 watt, 7,100 nom. lumens	\$ <b>14.14</b> per month, per light
177 watt, 18,050 nom. lumens	\$ <b>22.59</b> per month, per light

Bills shall be rendered in equal monthly installments without provision for partial or seasonal service.

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-31.00)

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## OUTDOOR PROTECTIVE LIGHTING SERVICE

### Availability:

Customers desiring controlled service for outdoor protective lighting on premises where the customer is presently taking service under a standard rate schedule.

### Hours of Service:

Dusk to dawn service controlled by photo-sensitive devices which provide service every night and all night for approximately 4,200 hours per year.

### Nature of Service:

New Service requests will consist of a light emitting diode (LED) fixture appropriately mounted. Customers that have existing high-pressure sodium (HPS) lights in place are able to continue to use those lights until such time as the fixture is damaged or the company determines it needs to be replaced. At that time, it will be replaced with an LED fixture. Non-functioning lights must be reported by the customer and the Company shall undertake to repair the light as soon as reasonably possible during regular working hours.

Customers that request to have their existing HPS lights replaced with the new LED lights would be responsible for paying a \$200.00 service charge to have a company service crew go to their site, remove the old HPS light and install a new LED light.

### Monthly Rate:

#### Existing pole and existing secondary facilities:

100 watt, 8,500 nom. lumens	\$ <b>13.05</b> per month, per light
250 watt, 24,000 nom. lumens	\$ <b>21.93</b> per month, per light
60 watt, 7,100 nom. lumens	\$ <b>13.05</b> per month, per light
177 watt, 18,050 nom. lumens	\$ <b>21.93</b> per month, per light

#### New pole and single span of new secondary facilities:

100 watt, 8,500 nom. lumens	\$ <b>15.07</b> per month, per light
250 watt, 24,000 nom. lumens	\$ <b>24.08</b> per month, per light
60 watt, 7,100 nom. lumens	\$ <b>15.07</b> per month, per light
177 watt, 18,050 nom. lumens	\$ <b>24.08</b> per month, per light

Bills shall be rendered in equal monthly installments without provision for partial or seasonal service.

### Energy Waste Reduction Surcharge:

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-31.00)

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### OUTDOOR PROTECTIVE LIGHTING SERVICE

**Availability:**

Customers desiring controlled service for outdoor protective lighting on premises where the customer is presently taking service under a standard rate schedule.

**Hours of Service:**

Dusk to dawn service controlled by photo-sensitive devices which provide service every night and all night for approximately 4,200 hours per year.

**Nature of Service:**

New Service requests will consist of a light emitting diode (LED) fixture appropriately mounted. Customers that have existing high-pressure sodium (HPS) lights in place are able to continue to use those lights until such time as the fixture is damaged or the company determines it needs to be replaced. At that time, it will be replaced with an LED fixture. Non-functioning lights must be reported by the customer and the Company shall undertake to repair the light as soon as reasonably possible during regular working hours.

Customers that request to have their existing HPS lights replaced with the new LED lights would be responsible for paying a \$200.00 service charge to have a company service crew go to their site, remove the old HPS light and install a new LED light.

**Monthly Rate:**

**Existing pole and existing secondary facilities:**

100 watt, 8,500 nom. lumens	\$ <b>13.86</b> per month, per light
250 watt, 24,000 nom. lumens	\$ <b>23.29</b> per month, per light
60 watt, 7,100 nom. lumens	\$ <b>13.86</b> per month, per light
177 watt, 18,050 nom. lumens	\$ <b>23.29</b> per month, per light

**New pole and single span of new secondary facilities:**

100 watt, 8,500 nom. lumens	\$ <b>16.00</b> per month, per light
250 watt, 24,000 nom. lumens	\$ <b>25.57</b> per month, per light
60 watt, 7,100 nom. lumens	\$ <b>16.00</b> per month, per light
177 watt, 18,050 nom. lumens	\$ <b>25.57</b> per month, per light

Bills shall be rendered in equal monthly installments without provision for partial or seasonal service.

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-31.00)

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Alpena, MI 49707

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### OUTDOOR PROTECTIVE LIGHTING SERVICE

**Availability:**

Customers desiring controlled service for outdoor protective lighting on premises where the customer is presently taking service under a standard rate schedule.

**Hours of Service:**

Dusk to dawn service controlled by photo-sensitive devices which provide service every night and all night for approximately 4,200 hours per year.

**Nature of Service:**

New Service requests will consist of a light emitting diode (LED) fixture appropriately mounted. Customers that have existing high-pressure sodium (HPS) lights in place are able to continue to use those lights until such time as the fixture is damaged or the company determines it needs to be replaced. At that time, it will be replaced with an LED fixture. Non-functioning lights must be reported by the customer and the Company shall undertake to repair the light as soon as reasonably possible during regular working hours.

Customers that request to have their existing HPS lights replaced with the new LED lights would be responsible for paying a \$200.00 service charge to have a company service crew go to their site, remove the old HPS light and install a new LED light.

**Monthly Rate:**

**Existing pole and existing secondary facilities:**

100 watt, 8,500 nom. lumens	\$ <b>14.66</b> per month, per light
250 watt, 24,000 nom. lumens	\$ <b>24.65</b> per month, per light
60 watt, 7,100 nom. lumens	\$ <b>14.66</b> per month, per light
177 watt, 18,050 nom. lumens	\$ <b>24.65</b> per month, per light

**New pole and single span of new secondary facilities:**

100 watt, 8,500 nom. lumens	\$ <b>16.94</b> per month, per light
250 watt, 24,000 nom. lumens	\$ <b>27.06</b> per month, per light
60 watt, 7,100 nom. lumens	\$ <b>16.94</b> per month, per light
177 watt, 18,050 nom. lumens	\$ <b>27.06</b> per month, per light

Bills shall be rendered in equal monthly installments without provision for partial or seasonal service.

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-31.00)

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### OUTDOOR PROTECTIVE LIGHTING SERVICE

**Availability:**

Customers desiring controlled service for outdoor protective lighting on premises where the customer is presently taking service under a standard rate schedule.

**Hours of Service:**

Dusk to dawn service controlled by photo-sensitive devices which provide service every night and all night for approximately 4,200 hours per year.

**Nature of Service:**

New Service requests will consist of a light emitting diode (LED) fixture appropriately mounted. Customers that have existing high-pressure sodium (HPS) lights in place are able to continue to use those lights until such time as the fixture is damaged or the company determines it needs to be replaced. At that time, it will be replaced with an LED fixture. Non-functioning lights must be reported by the customer and the Company shall undertake to repair the light as soon as reasonably possible during regular working hours.

Customers that request to have their existing HPS lights replaced with the new LED lights would be responsible for paying a \$200.00 service charge to have a company service crew go to their site, remove the old HPS light and install a new LED light.

**Monthly Rate:**

**Existing pole and existing secondary facilities:**

100 watt, 8,500 nom. lumens	\$ <b>15.47</b> per month, per light
250 watt, 24,000 nom. lumens	\$ <b>26.00</b> per month, per light
60 watt, 7,100 nom. lumens	\$ <b>15.47</b> per month, per light
177 watt, 18,050 nom. lumens	\$ <b>26.00</b> per month, per light

**New pole and single span of new secondary facilities:**

100 watt, 8,500 nom. lumens	\$ <b>17.87</b> per month, per light
250 watt, 24,000 nom. lumens	\$ <b>28.55</b> per month, per light
60 watt, 7,100 nom. lumens	\$ <b>17.87</b> per month, per light
177 watt, 18,050 nom. lumens	\$ <b>28.55</b> per month, per light

Bills shall be rendered in equal monthly installments without provision for partial or seasonal service.

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-31.00)

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## STREET AND HIGHWAY LIGHTING SERVICE

### Availability:

Open to the State of Michigan or any political subdivision thereof having jurisdiction over public streets or roadways, for street or highway lighting service for any system where the Company has existing distribution facilities appropriate for supplying such services.

### Hours of Service:

Dusk to dawn service controlled by photo-sensitive devices which provide service every night and all night for approximately 4,200 hours per year.

### Nature of Service:

The Company shall furnish, install and own the entire equipment, including wood poles, overhead lines, luminaires, supporting brackets for wood pole mounting and lamps. All new installations shall consist of a light emitting diode (LED) fixture. Existing high-pressure sodium (HPS) lights shall continue to be maintained by the company until such time as the fixture is damaged or the Company determines it needs to be replaced. At that time, it will be replaced with an LED fixture. Non-functioning lights must be reported by the customer and the Company shall undertake to repair the lights as soon as reasonably possible during regular working hours.

### Monthly Rate:

The charge per light, with the Company reserving the right to select the type of fixture to be installed, shall be:

100 watt, 8,500 nom. lumens	\$ <b>10.48</b> per month, per light
40 watt, 7,000 nom. lumens	\$ <b>10.48</b> per month, per light

Bills shall be rendered in equal monthly installments without provision for partial or seasonal service.

(continued on Sheet No. D-33.00)

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### Hours of Service:

Dusk to dawn service controlled by photo-sensitive devices which provide service every night and all night for approximately 4,200 hours per year.

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The Company shall furnish, install and own the entire equipment, including wood poles, overhead lines, luminaires, supporting brackets for wood pole mounting and lamps. All new installations shall consist of a light emitting diode (LED) fixture. Existing high-pressure sodium (HPS) lights shall continue to be maintained by the company until such time as the fixture is damaged or the Company determines it needs to be replaced. At that time, it will be replaced with an LED fixture. Non-functioning lights must be reported by the customer and the Company shall undertake to repair the lights as soon as reasonably possible during regular working hours.

### Monthly Rate:

The charge per light, with the Company reserving the right to select the type of fixture to be installed, shall be:

100 watt, 8,500 nom. lumens	\$ <b>11.75</b> per month, per light
40 watt, 7,000 nom. lumens	\$ <b>11.75</b> per month, per light

Bills shall be rendered in equal monthly installments without provision for partial or seasonal service.

(continued on Sheet No. D-33.00)

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### Hours of Service:

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The Company shall furnish, install and own the entire equipment, including wood poles, overhead lines, luminaires, supporting brackets for wood pole mounting and lamps. All new installations shall consist of a light emitting diode (LED) fixture. Existing high-pressure sodium (HPS) lights shall continue to be maintained by the company until such time as the fixture is damaged or the Company determines it needs to be replaced. At that time, it will be replaced with an LED fixture. Non-functioning lights must be reported by the customer and the Company shall undertake to repair the lights as soon as reasonably possible during regular working hours.

### Monthly Rate:

The charge per light, with the Company reserving the right to select the type of fixture to be installed, shall be:

100 watt, 8,500 nom. lumens	\$ <b>13.01</b> per month, per light
40 watt, 7,000 nom. lumens	\$ <b>13.01</b> per month, per light

Bills shall be rendered in equal monthly installments without provision for partial or seasonal service.

(continued on Sheet No. D-33.00)

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## STREET AND HIGHWAY LIGHTING SERVICE

### Availability:

Open to the State of Michigan or any political subdivision thereof having jurisdiction over public streets or roadways, for street or highway lighting service for any system where the Company has existing distribution facilities appropriate for supplying such services.

### Hours of Service:

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### Monthly Rate:

The charge per light, with the Company reserving the right to select the type of fixture to be installed, shall be:

100 watt, 8,500 nom. lumens	\$ <b>14.28</b> per month, per light
40 watt, 7,000 nom. lumens	\$ <b>14.28</b> per month, per light

Bills shall be rendered in equal monthly installments without provision for partial or seasonal service.

(continued on Sheet No. D-33.00)

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### Hours of Service:

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### Nature of Service:

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### Monthly Rate:

The charge per light, with the Company reserving the right to select the type of fixture to be installed, shall be:

100 watt, 8,500 nom. lumens	\$ <b>15.54</b> per month, per light
40 watt, 7,000 nom. lumens	\$ <b>15.54</b> per month, per light

Bills shall be rendered in equal monthly installments without provision for partial or seasonal service.

(continued on Sheet No. D-33.00)

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## STREET AND HIGHWAY LIGHTING SERVICE

### Availability:

Open to the State of Michigan or any political subdivision thereof having jurisdiction over public streets or roadways, for street or highway lighting service for any system where the Company has existing distribution facilities appropriate for supplying such services.

### Hours of Service:

Dusk to dawn service controlled by photo-sensitive devices which provide service every night and all night for approximately 4,200 hours per year.

### Nature of Service:

The Company shall furnish, install and own the entire equipment, including wood poles, overhead lines, luminaires, supporting brackets for wood pole mounting and lamps. All new installations shall consist of a light emitting diode (LED) fixture. Existing high-pressure sodium (HPS) lights shall continue to be maintained by the company until such time as the fixture is damaged or the Company determines it needs to be replaced. At that time, it will be replaced with an LED fixture. Non-functioning lights must be reported by the customer and the Company shall undertake to repair the lights as soon as reasonably possible during regular working hours.

### Monthly Rate:

The charge per light, with the Company reserving the right to select the type of fixture to be installed, shall be:

100 watt, 8,500 nom. lumens	\$ <b>16.81</b> per month, per light
40 watt, 7,000 nom. lumens	\$ <b>16.81</b> per month, per light

Bills shall be rendered in equal monthly installments without provision for partial or seasonal service.

(continued on Sheet No. D-33.00)

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**STREET AND HIGHWAY LIGHTING SERVICE**  
(Continued from Sheet No. D-32.00)

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

The monthly kilowatt-hours for application of the Power Supply Cost Recovery Factor shall be 41 kWh for 100 watt lights and 14 kWh for 100W equivalent LED Fixtures.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

**Due Date and Late Payment Charge:**

The due date of the customer bill shall be 21 days from the date of transmittal. A late payment charge of 2% of the total net bill shall be added to any bill which is not paid on or before the due date shown thereon.

**Special Terms and Conditions:**

In case of new or added installations, requiring a substantial investment, the Company may require a contract for a reasonable period not exceeding 10 years.

The Company reserves the right to make special contractual arrangements as to term or duration of contract, termination charges, annual charges, or other special consideration when the customer requests service, equipment or facilities not normally provided under this rate.

In the event the customer discontinues service before the end of one year, the established rate for the remaining portion of the year shall immediately become due and payable.

The customer shall be obligated to reimburse the cost of relocation made necessary by street and highway construction repairs.

**Rules and Regulations:**

Service under this rate is governed by the Company's Standard Rules and Regulations. The charges under this rate are subject to the General Terms and Conditions of Rate Schedules (Sheet No. D-1.00 through Sheet No. D-4.00).

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**SPECIAL POWER CONTRACTS**

The Company reserves the right to make Special Contracts for the sale of primary power or large blocks of secondary power for use in a tax-supported enterprise for resale, for institutional, or for industrial purposes. Such Special Contracts shall be subject to approval by the Michigan Public Service Commission.

**Energy *Waste Reduction* Surcharge:**

*This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.*

**Renewable Energy Surcharge:**

*This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.*

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**EXPERIMENTAL PRIMARY DISTRIBUTION SERVICE**

**Availability:**

Available to any customer desiring delivery of customer owned power from a primary (nominal voltage of either 4,160 volts, 13,200 volts or 34,500 volts) connection point located within 4,000 circuit feet of either 1) a Company interchange point or 2) a Company owned substation, to a Company interchange point.

Each connection point shall be considered a separate service.

**Nature of Service:**

Alternating current, 60-hertz, three-phase, the particular nature of the voltage in each case to be determined by the Company.

**Term and Form of Contract:**

All service under this rate shall require a written contract with a minimum term of one year.

**Metering Equipment:**

The load under this tariff shall be separately metered by demand and energy hourly recording (Time-of-Use) meters of billing quality. Such metering equipment shall be furnished, installed, maintained and owned by the Company.

**Monthly Rate:**

**Customer Charge:**

\$100.00 per month

**Distribution Service Charge:**

\$0.143 per kW of maximum demand

**Monthly Variable Customer Charge:**

For those connection points where the voltage at the metering point is different than the voltage at the connection point the following Monthly Variable Customer Charge will be applied:

The monthly metered kWh multiplied by 2% multiplied by the prior month's average power costs (rounded to the nearest \$0.001) from the Company's primary power supplier.

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(continued on Sheet No. D-46.00)

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## NET METERING PROGRAM

### Program Availability:

As of January 1, 2022 the Net Metering Program is closed to new participants. Applications received prior to January 1, 2022 and operational by August 1, 2022 are eligible to participate in the Net Metering Program. The Company's Net Metering Program is available on a first come, first served basis until the nameplate capacity of all participating generators is equal to the maximum program limit of 1% of the Company's peak load for the preceding calendar year allocated to include no more than 0.5% for customers generating 20 kW or less, no more than 0.25% for customers generating more than 20kW and up to 150 kW and no more than 0.25% for customers generating more than 150 kW and up to 550 kW.

***Under MCL 460.1183 and MCL 460.6a(14), any customer participating in the Net Metering Program before the Distributed Generation Tariff (DG Tariff) is in effect starting January 1, 2022, may continue net metering for 10 years from original participation date or may opt to receive service under the DG Tariff.*** For the purposes of this tariff the original participation date is the first month the generator(s) began producing energy under the Net Metering Program. A participating customer may terminate participation in the Company's Net Metering Program at any time for any reason.

### Customer Eligibility:

To be eligible to participate in the Net Metering Program, customers must generate a portion or all of their own retail electricity requirements using a renewable energy resource. A renewable energy resource comes from the sun or from thermal inertia of the earth and minimizes the output of toxic material in the conversion of the energy and includes, but is not limited to, all of the following:

- a. Biomass
- b. Solar and solar thermal energy
- c. Wind energy
- d. Kinetic energy of moving water, including the following:
  - i. Waves, tides or currents
  - ii. Water released through a dam
- e. Geothermal energy
- f. Municipal solid waste
- g. Landfill gas produced by municipal solid waste.

Eligible customers must be Full Requirements Service customers under either Residential, General, Standard Power or Large Power services. A customer using biomass blended with fossil fuel as their renewable energy source must submit proof to the Company substantiating the percentage of the fossil fuel blend either by (1) separately metering the fossil fuel, or (2) providing other documentation that will allow the Company to correctly apply a generation credit to the output associated with the customer's renewable fuel only.

The generation equipment must be located on the customer's premises, serving only the customer's premises and must be intended primarily to offset a portion or all of the customer's requirements for electricity. At the customer's option, the generation capacity shall be determined by 1 of the following methods:

(continued on Sheet No. D-52.00)

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**NET METERING PROGRAM**  
(Continued from Sheet No. D-51.00)

**Customer Eligibility (Continued):**

- a. Aggregate nameplate capacity of the generator(s).
- b. An estimate of the expected annual kWh output of the generator(s).

Customers shall not be allowed to switch their generation back and forth between two or more rate schedules to circumvent the intent of rate design. At the customer's option, the customer's annual electricity needs shall be determined by one of the following methods: (1) the customer's annual energy usage, measured in kWh, during the previous 12 month period: (2) for a customer with metered demand data available, the maximum integrated hourly demand measured in kW during the previous 12 month period: or (3) in cases where no data, incomplete data, or incorrect data for the customer's past annual energy usage is available, or where the customer is making changes on-site that will affect their future total annual electric usage, the Company and the customer shall mutually agree on a method to determine the customer's future annual energy usage.

The requirements for interconnecting a generator with the Company's facilities are contained in the Michigan Public Service Commission's Electric Interconnection and Net Metering Standards Rules (R460.601a-460.656) and the Company's Michigan Electric Utility Generator Interconnection Requirements, copies of which will be provided to customers upon request. Customers shall be provided a copy of the Company's Generator Interconnection Application and Net Metering Application and shall be required to complete both applications and submit them with all applicable application fees for review and approval prior to interconnection of their generator to the Company's facilities. The Company's net metering application fee is \$25. All requirements of the MSPC's Electric Interconnection and Net Metering Standards and the Company's Net Metering Program must be met prior to commencing Net Metering service.

A customer that is enrolled in the Net Metering Program will continue to take electric service under the Company's applicable service tariff.

(continued on Sheet No. D-53.00)

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**NET METERING PROGRAM**  
(Continued from Sheet No. D-52.00)

**Metering:**

For a customer with a generating system capable of generating 20 kW or less, the Company may determine the customer's net usage using the customer's existing meter if it is capable of reverse registration or may, at the Company's expense, install a single meter with separate registers measuring power flow in each direction. If the Company uses the customer's existing meter, the Company shall test and calibrate the meter to assure accuracy in both directions. If the customer's meter is not capable of reverse registration and if meter upgrades or modifications are required, the Company shall provide a meter or meters capable of measuring the flow of energy in both direction to the customer at cost.

Only the incremental cost above that for meter(s) provided by the Company to similarly situated nongenerating customers shall be paid by the eligible customer. A generator meter will be supplied to the customer, at the customer's request, at cost.

For a customer with a generation system capable of generating more than 20 kW, if the existing electrical meter installed at the customer's facility is not capable of separately measuring the flow of electricity in both directions, the Company shall install appropriate metering equipment at cost. Only the incremental cost above that for meter(s) provided by the Company to similarly situated nongenerating customers shall be paid by the eligible customer. For customers with generators capable of generating more than 20 kW and not more than 150 kW, the Company shall provide a generator meter. The cost of the generator meter shall be considered a cost of operating a net metering program.

For customers with generators capable of generating more than 150 kW, the customer will be responsible for paying the costs of providing any new meters where meter upgrades are necessary.

**Monthly Charges:**

Customers enrolled in the Net Metering Program with a system capable of generating 20 kW or less qualify for true net metering billings or credits under the program. The customer shall pay the Distribution Charges and Power Supply Charges associated with the customer's standard service tariff applicable to the customer when the customer's monthly net usage results in a net flow of energy from the Company to the customer. When the customer's monthly net usage results in a net flow of energy from the customer to the Company, the customer shall be credited for the energy provided to the Company at full retail rate from their applicable service tariff.

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(continued on Sheet No. D-54.00)

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**NET METERING PROGRAM**  
(Continued from Sheet No. D-53.00)

**Monthly Charges (Continued):**

Customers enrolled in the Net Metering Program with a system capable of generating more than 20 kW qualify for modified net metering billings or credits under the program. The customer shall pay the Power Supply Charges associated with the customer's standard service tariff applicable to the customer with the customer's monthly net usage results in a net flow of energy from the Company to the customer. A negative net metered quantity of energy during a billing period shall reflect a net excess of energy provided to the Company from the generator for which the customer shall receive a credit equal to the Power Supply charge associated with the customer's standard service tariff. Customers with generators capable of generating more than 20 kW and not more than 150 kW, shall pay Distribution Charges associated with the customer's standard service tariff for energy delivered by the Company to the customer. A customer that qualifies for modified net metering shall not have net metering credits applied against the Distribution Charge

Standby charges shall not be applied to customers with systems capable of generating 150 kW or less. Standby charges for modified net metering customers on an energy rate schedule shall be equal to the retail Distribution Charge applied to the imputed customer usage during the billing period. The imputed customer usage is calculated as the sum of the metered on-site generation and the net of the bidirectional flow of flow of energy across the customer's net meter during the billing period. If standby charges for demand-based customers have not been established by the Commission, upon receipt of a request for net metering service by a demand-based customer, the Company shall file an application requesting approval of a method for calculating standby charges.

For customers that qualify for true net metering or modified net metering under the Net Metering Program, the credit for any excess generation, as determined by each month's meter reading, shall be credited against the following month's bill. Any credit carried forward to the following month that is not used up that month, shall be carried forward for use in subsequent billing periods. If a customer terminates service with the Company while having a net metering credit amount on their account, the Company shall refund the remaining credit amount to the customer following a final reading by the Company of the customer's net meter.

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(continued on Sheet No. D-54.00)  
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## DISTRIBUTED GENERATION TARIFF

The combination of the customer's retail rate schedule and this rider (Rider) constitutes the cost-based distributed generation (DG) tariff pursuant to Public Act 341 of 2016 Section (6) (a) (14). The customer is billed according to their retail rate schedule for all Inflow and receive a credit in dollars, rather than kWh, based on the Outflow Credit provision shown on the Rider.

The credit for outflow during the billing month is applied to the total monthly bill less the monthly customer charge. The customer will always pay the monthly customer charge. Any unused outflow bill credit is added to any unused bill credit from previous months and carried forward to the next month. The Company will not issue a check for unused bill credit unless the customer leaves the DG program.

### Distributed Generation Program:

- A. The Distributed Generation Program is offered as authorized by 2008 PA 295, as amended, 1939 PA 3, as amended by 2016 PA 341, Section (6) (a) (14), and the Commission in Case No. U-21045
- B. Distributed Generation Definitions
  - 1) A Category 1 distributed generation customer has one or more Eligible Electric Generators with an aggregate nameplate capacity of 20 kWac or less that uses equipment certified by a nationally recognized testing laboratory to IEEE 1547.1 testing standards and is in compliance with UL 1741 scope 1.1A located on the customer's premises and metered at a single point of contact.
  - 2) A Category 2 distributed generation customer has one or more Eligible Electric Generators with an aggregate nameplate capacity greater than 20 kWac but not more than 150 kWac located on the customer's premises and metered at a single point of contact.
  - 3) A Category 3 distributed generation customer has one or more methane digesters with an aggregate nameplate capacity greater than 150 kWac but not more than 550 kWac located on the customer's premises and metered at a single point of contact.
  - 4) Eligible Electric Generator - a renewable energy system or a methane digester with a generation capacity limited to no more than 100% of the customer's electric energy consumption for the previous 12 months and does not exceed the following:

(continued on Sheet No. D-60.00)

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**DISTRIBUTED GENERATION TARIFF**  
(Continued from Sheet No. D-59.00)

- i. For a renewable energy system, 150 kWac of aggregate generation at a single site
  - ii. For a methane Digester, 550 kWac of aggregate generation at a single site
- 5) Inflow - the metered inflow delivered by the Company to the customer during the billing month or time-based pricing period.
- 6) Outflow - the metered quantity of the customer's generation not used on site and exported to the utility during the billing month or time-based pricing period.
- 7) Renewable Energy Resource - a resource that naturally replenishes over a human, not a geological, timeframe and that is ultimately derived from solar power, water power or wind power. Renewable energy resource does not include petroleum, nuclear, natural gas, or coal. A renewable energy resource comes from the sun or from thermal inertia of the earth and minimizes the output of toxic material in the conversion of the energy and includes, but is not limited to, all of the following:
  - i. Biomass
  - ii. Solar and solar thermal energy
  - iii. Wind energy
  - iv. Kinetic energy of moving water, including the following:
    - a. Waves, tides or currents
    - b. Water released through a dam
  - v. Geothermal energy
  - vi. Thermal energy produced from a geothermal heat pump
  - vii. Any of the following cleaner energy resources:
    - a. Municipal solid waste, including the biogenic and anthropogenic fractions
    - b. Landfill gas produced by municipal solid waste

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(continued on Sheet No. D-61.00)  
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**DISTRIBUTED GENERATION TARIFF**  
(Continued from Sheet No. D-60.00)

c. Fuel that has been manufactured in whole or significant part from waste, including, but not limited to, municipal solid waste. Fuel that meets the requirements of this subparagraph includes, but is not limited to, material that is listed under 40 CFR 241.3(b) or 241.4(a) or for which a nonwasted determination is made by the United States Environmental Protection Agency pursuant to 40 CFR 241.3(c). Pet coke, hazardous waste, coal waste, or scrap tires are not fuel that meets the requirements of this subparagraph.

**C. Distributed Generation Program Availability**

The Distributed Generation Program is available for eligible Distributed Generation customers beginning January 1, 2022.

A customer participating in a net metering program approved by the Commission before January 1, 2022 shall have the option to take service under this tariff at the time service under the terms and conditions of the previous net metering program terminates in accordance with MCL 463.0183(1)

The Distributed Generation Program is voluntary and available on a first come, first served basis for new customer participants or existing customer participants increasing their aggregate generation. The combined legacy net metering and DG program size is equal to 1.0% of the Company's average peak load for Full-Service customers during the previous 5 calendar years. Within the Program capacity, 0.5% is reserved for Category 1 Distributed Generation customers, 0.25% is reserved for Category 2 Distributed Generation customers and 0.25% is reserved for Category 3 Distributed Generation customers. The Company shall notify the Commission upon the Program reaching capacity in any Category.

**D. Customer Eligibility**

In order to be eligible to participate in the Distributed Generation Program, customers must generate a portion or all of their own retail electricity requirements with an Eligible Electric Generator which utilizes a Renewable Energy Resource, as defined in this Tariff, Distributed Generation Definitions.

(continued on Sheet No. D-62.00)

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**DISTRIBUTED GENERATION TARIFF**  
(Continued from Sheet No. D-61.00)

A customer's eligibility to participate in the Distributed Generation Program is conditioned on the full satisfaction of any payment term or condition imposed on the customer by pre-existing contracts or tariffs with the Company, including those imposed by participation in the Distributed Generation Program, or those required by the interconnection of the customer's Eligible Electric Generator to the Company's distributed system.

E. Customer Billing on Inflow - Category 1, 2 and 3 Customers

1) Full Service Customers

The customer will be billed according to their retail rate schedule, plus surcharges, and Power Supply Cost Recovery (PSCR) Factor on metered Inflow for the billing period or time-based pricing period.

2) Retail Access Service Customers

The customer will be billed as stated on the customer's Retail Access Service Rate Schedule on metered Inflow for the billing period or time-based pricing period.

F. Customer Billing - Outflow Credit

The customer will be credited on Outflow for the billing period or time-based pricing period. The credit shall be applied to the current billing month and shall be used to offset total utility charges (exclusive of the monthly customer charge) on that bill. Any excess credit not used will be carried forward to subsequent billing periods. Unused Outflow Credit from previous months will be applied to the current billing month, if applicable. Outflow Credit is non-transferrable.

1) Full Service Customers

The customer will be credited according to their rate schedule's Power Supply Charges, including the Power Supply Cost Recovery (PSCR) Factor, on metered outflow for the billing period.

2) Retail Access Service Customers

The Outflow Credit will be determined by the Alternative Electric Supplier.

(continued on Sheet No. D-63.00)

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**DISTRIBUTED GENERATION TARIFF**  
(Continued from Sheet No. D-62.00)

**G. Application for Service**

In order to participate in the Distributed Generation Program, a customer shall submit completed Interconnection and Distributed Generation Program Applications, including the application fee of \$50 to the Company.

The Distributed Generation Program application fee is waived if the customer is transitioning from the Net Metering Program.

If a customer does not act or correspond on an application for over 6 months, when some action is required by the customer, the application may be voided by the Company.

**H. Generator Requirements**

The Eligible Electric Generator(s) must be located on the customer's premises, serving only the customer's premises and must be intended primarily to offset a portion or all of the customer's requirement for electricity.

The customer's requirement for electricity shall be determined by one of the following methods:

- 1) The customer's annual energy usage, measured in kWh, during the previous 12-month period
- 2) In instances where complete and correct data is not available or where the customer is making changes on-site that will affect total usage, the Company and the customer shall mutually agree on a method to determine the customer's annual electric requirement

The aggregate capacity of Eligible Electric Generators shall be determined by the aggregate projected annual kWh output of the generator(s).

The customer is required to provide the Company with a capacity rating in kW of the generating unit and a projected monthly and annual Kilowatt-hour output of the generating unit when completing the Company's Distributed Generation Program Application.

The customer need not be the owner or operator of the eligible generation equipment, but is ultimately responsible for ensuring compliance with all technical, engineering and operational requirements suitable for the Company's distribution system.

(continued on Sheet No. D-64.00)

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**DISTRIBUTED GENERATION TARIFF**  
(Continued from Sheet No. D-63.00)

**I. Generator Interconnection Requirements**

The requirements for interconnecting a generator with the Company's facilities are contained in Rule B8., Electric Interconnection and Distributed Generation Standards, the Michigan Electric Utility Generator Interconnection Requirements and the Company's Generator Interconnection Supplement to Michigan Electric Utility Generator Interconnection Requirements. All such interconnection requirements must be met prior to the effective date of a customer's participation in the Distributed Generation Program. The customer must sign an Interconnection and Operating Agreement with the Company and fulfill all requirements as specified in the Agreement. The customer shall pay actual interconnection costs associated with participating in the Distributed Generation Program, subject to limits established by the Michigan Public Service Commission.

**J. Metering Requirements**

Metering requirements shall be specified by the Company, as detailed below. All metering must be capable of recording inflow and outflow and all parameters metered on the customer's otherwise applicable retail rate schedule, for both Full Service and Retail Access Service customers.

**K. Distribution Line Extension and/or Extraordinary Facilities**

The Company reserves the right to make special contractual arrangements with Distributed Generation Program customers whose utility service requires investment in electric facilities, as authorized by the Company's Section C Terms and Conditions of Service, rule C (3) (b) Extraordinary Facility Requirements and Charges, as set forth in the Company's Electric Rate Book. The Company further reserves the right to condition a customer's participation in the Distributed Generation Program on a satisfactory completion of any such contractual requirements.

**L. Customer Termination from the Distributed Generation Program**

A participating customer may terminate participation in the Company's Distributed Generation Program at any time for any reason on sixty days' notice. In the event that a customer who terminates participation in the Distributed Generation Program wishes to re-enroll, that customer must reapply as a new program participant, subject to program size limitations, application queue and application fees.

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(continued on Sheet No. D-65.00)

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**DISTRIBUTED GENERATION TARIFF**  
(Continued from Sheet No. D-64.00)

The Company may terminate a customer from the Distributed Generation Program if the customer fails to maintain the eligibility requirements, fails to comply with the terms of the operating agreement, or if the customer's facilities are determined not be in compliance with technical, engineering, or operational requirements suitable for the Company's distribution system. The Company will provide sixty days' notice to the customer prior to termination from the Distributed Generation Program, except in situations the Company deems dangerous or hazardous. Such notice will include the reason(s) for termination.

Upon customer termination from the Distributed Generation Program, any existing credit on the customer's account will either be applied to the customer's final bill or refunded to the customer. The Company will refund to the customer any remaining credit in excess of the final bill amount. Distributed Generation Program credit is non-transferrable.

**M. Company Termination of the Distributed Generation Program**

Company termination of the Distributed Generation Program may occur upon receipt of Commission approval.

Upon Company termination of the Distributed Generation Program, any existing credit on the customer's account will either be applied to the customer's final bill or refunded to the customer. The Company will refund to the customer any remaining credit in excess of the final bill amount. Distributed Generation Program credit is non-transferrable.

**N. Distributed Generation Program Status and Evaluation Reports**

The Company will submit an annual status report to the Commission Staff by March 31 of each year including Distributed Generation Program data for the previous 12 months, ending December 31. The Company's status report shall maintain customer confidentiality.

(continued on Sheet No. D-66.00)

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**DISTRIBUTED GENERATION TARIFF**  
(Continued from Sheet No. D-65.00)

O. Renewable Energy Credits

Renewable Energy Credits (RECs) are owned by the customer.

The Company may purchase Renewable Energy Credits from participating Distributed Generation Program customers who are willing to sell RECs generated if the customer has a generator meter in place to accurately measure and verify generator output. REC certification costs are the responsibility of the customer.

The Company will enter into a separate agreement with the customer for the purchase of any RECs.



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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**

**Availability:**

Open to any customer eligible for Residential Service who uses Plug-In Electric Vehicles (PEV) and take service from the Company. This rate is not available for commercial or industrial service, or for resale purposes. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase, 120/240 volts.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered PEV Time-of-Day:** An additional single phase, multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the residence. PEV kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at Residential Rates.

**Distribution Charges:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** \$0.06364 per kWh for all kWh consumed during the on-peak period  
\$0.05282 per kWh for all kWh consumed during the off-peak period

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-68.00)

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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**

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**Availability:**

Open to any customer eligible for Residential Service who uses Plug-In Electric Vehicles (PEV) and take service from the Company. This rate is not available for commercial or industrial service, or for resale purposes. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase, 120/240 volts.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered PEV Time-of-Day:** An additional single phase, multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the residence. PEV kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at Residential Rates.

**Distribution Charges:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** ~~\$0.06354~~ per kWh for all kWh consumed during the on-peak period

~~\$0.05274~~ per kWh for all kWh consumed during the off-peak period

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-68.00)

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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**

**Availability:**

Open to any customer eligible for Residential Service who uses Plug-In Electric Vehicles (PEV) and take service from the Company. This rate is not available for commercial or industrial service, or for resale purposes. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase, 120/240 volts.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered PEV Time-of-Day:** An additional single phase, multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the residence. PEV kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at Residential Rates.

**Distribution Charges:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** ~~\$0.06344~~ per kWh for all kWh consumed during the on-peak period

~~\$0.05266~~ per kWh for all kWh consumed during the off-peak period

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-68.00)

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Kenneth A. Dragiewicz, President  
Alpena, MI 49707

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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**

---

**Availability:**

Open to any customer eligible for Residential Service who uses Plug-In Electric Vehicles (PEV) and take service from the Company. This rate is not available for commercial or industrial service, or for resale purposes. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase, 120/240 volts.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered PEV Time-of-Day:** An additional single phase, multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the residence. PEV kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at Residential Rates.

**Distribution Charges:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** ***\$0.06334*** per kWh for all kWh consumed during the on-peak period

***\$0.05257*** per kWh for all kWh consumed during the off-peak period

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-68.00)

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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**

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**Availability:**

Open to any customer eligible for Residential Service who uses Plug-In Electric Vehicles (PEV) and take service from the Company. This rate is not available for commercial or industrial service, or for resale purposes. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase, 120/240 volts.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered PEV Time-of-Day:** An additional single phase, multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the residence. PEV kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at Residential Rates.

**Distribution Charges:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** ***\$0.06325*** per kWh for all kWh consumed during the on-peak period  
***\$0.05250*** per kWh for all kWh consumed during the off-peak period

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-68.00)

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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**

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**Availability:**

Open to any customer eligible for Residential Service who uses Plug-In Electric Vehicles (PEV) and take service from the Company. This rate is not available for commercial or industrial service, or for resale purposes. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase, 120/240 volts.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered PEV Time-of-Day:** An additional single phase, multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the residence. PEV kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at Residential Rates.

**Distribution Charges:**

**Customer Charge:** \$ 5.00 per customer per month

**Energy Charge:** ***\$0.06315*** per kWh for all kWh consumed during the on-peak period

***\$0.05241*** per kWh for all kWh consumed during the off-peak period

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

(continued on Sheet No. D-68.00)

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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**

(Continued from Sheet No. D-67.00)

**Power Supply Charges:**

**Energy Charge:** \$0.07767 per kWh for all kWh consumed during the on-peak period  
\$0.06447 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered PEV Time-of-Day:** A standard meter will measure total residence kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage only. Total residence usage will be billed at Residential Service Monthly Rates. A second meter charge will apply and for all off-peak PEV kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit:** \$(0.01082) per kWh for all kWh consumed during the off-peak period

**Power Supply Charges:**

**Power Supply Charge Credit:** \$(0.01320) per kWh for all kWh consumed during the off-peak period

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

(continued on Sheet No. D-69.00)

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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**

(Continued from Sheet No. D-67.00)

**Power Supply Charges:**

**Energy Charge:** \$0.07767 per kWh for all kWh consumed during the on-peak period  
\$0.06447 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered PEV Time-of-Day:** A standard meter will measure total residence kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage only. Total residence usage will be billed at Residential Service Monthly Rates. A second meter charge will apply and for all off-peak PEV kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit:** *\$(0.01080)* per kWh for all kWh consumed during the off-peak period

**Power Supply Charges:**

**Power Supply Charge Credit:** *\$(0.01320)* per kWh for all kWh consumed during the off-peak period

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

(continued on Sheet No. D-69.00)

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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**  
(Continued from Sheet No. D-67.00)

**Power Supply Charges:**

**Energy Charge:** \$0.07767 per kWh for all kWh consumed during the on-peak period  
\$0.06447 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered PEV Time-of-Day:** A standard meter will measure total residence kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage only. Total residence usage will be billed at Residential Service Monthly Rates. A second meter charge will apply and for all off-peak PEV kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit:** *\$(0.01078)* per kWh for all kWh consumed during the off-peak period

**Power Supply Charges:**

**Power Supply Charge Credit:** \$(0.01320) per kWh for all kWh consumed during the off-peak period

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

(continued on Sheet No. D-69.00)

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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**  
(Continued from Sheet No. D-67.00)

**Power Supply Charges:**

**Energy Charge:** \$0.07767 per kWh for all kWh consumed during the on-peak period  
\$0.06447 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered PEV Time-of-Day:** A standard meter will measure total residence kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage only. Total residence usage will be billed at Residential Service Monthly Rates. A second meter charge will apply and for all off-peak PEV kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit:** *\$(0.01077)* per kWh for all kWh consumed during the off-peak period

**Power Supply Charges:**

**Power Supply Charge Credit:** \$(0.01320) per kWh for all kWh consumed during the off-peak period

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

(continued on Sheet No. D-69.00)

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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**  
(Continued from Sheet No. D-67.00)

**Power Supply Charges:**

**Energy Charge:** \$0.07767 per kWh for all kWh consumed during the on-peak period  
\$0.06447 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered PEV Time-of-Day:** A standard meter will measure total residence kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage only. Total residence usage will be billed at Residential Service Monthly Rates. A second meter charge will apply and for all off-peak PEV kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit:** *\$(0.01075)* per kWh for all kWh consumed during the off-peak period

**Power Supply Charges:**

**Power Supply Charge Credit:** \$(0.01320) per kWh for all kWh consumed during the off-peak period

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

(continued on Sheet No. D-69.00)

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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**  
(Continued from Sheet No. D-67.00)

**Power Supply Charges:**

**Energy Charge:** \$0.07767 per kWh for all kWh consumed during the on-peak period  
\$0.06447 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered PEV Time-of-Day:** A standard meter will measure total residence kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage only. Total residence usage will be billed at Residential Service Monthly Rates. A second meter charge will apply and for all off-peak PEV kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit:** *\$(0.01074)* per kWh for all kWh consumed during the off-peak period

**Power Supply Charges:**

**Power Supply Charge Credit:** \$(0.01320) per kWh for all kWh consumed during the off-peak period

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

(continued on Sheet No. D-69.00)

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**RESIDENTIAL PLUG-IN ELECTRIC VEHICLE SERVICE**  
(Continued from Sheet No. D-68.00)

**Customer Switching Service Charge:**

\$5.00 each time a customer switches between Generation Service providers. This includes switches from one AES to another, from the Company to an AES, and from an AES to the Company. The customer may switch Generation Service providers at the end of any billing month provided the notice requirements of (Sheet No. E-6.00, Section 2.4) are met. The Customer Switching Service Charge shall not be applied for the first switch of each calendar year or at a time the customer returns to its immediately previous Generation Service provider because the customer was Slammed by an AES.

**Due Date and Late Payment Charge:**

The due date of the customer bill shall be 21 days from the date of transmittal. A late payment charge of 2%, not compounded, of the unpaid balance, net of taxes, shall be assessed to any bill which is delinquent. The late payment charge shall not apply to customers participating in the Winter Protection Plan.

**Schedule of On-Peak and Off-Peak Hours:**

The following schedule shall apply Monday through Friday (except holidays designated by the Company). Weekends and holidays are off-peak.

On-Peak Hours: 9:00 a.m. to 9:00 p.m.

Off-Peak Hours: All other hours

**Holidays Designated by the Company:**

The following are designated as holidays by the Company:

New Year's Day

Labor Day

Memorial Day

Thanksgiving Day

Independence Day

Christmas Day

**Rules and Regulations:**

Service under this rate is governed by the Company's Standard Rules and Regulations. The charges under this rate are subject to the General Terms and Conditions of Rate Schedules (Sheet No. D-1.00 through Sheet No. D-4.00).

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**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**

---

**Availability:**

Open to any customer eligible for the General Service Rate who uses Plug-In Electric Vehicles (PEV) and take service from the Company. This rate is not available for Residential Service, or for resale purposes. Total load is not to exceed 35kW, measured on a 15-minute interval basis. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered PEV Time-of-Day:** An additional multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the location. PEV kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at General Service Rates.

**Distribution Charges:**

**Customer Charge:** \$ 7.00 per customer per month  
**Energy Charge:** \$0.06006 per kWh for all kWh consumed during the on-peak period  
\$0.04985 per kWh for all kWh consumed during the off-peak period

(continued on Sheet No. D-71.00)

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**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**

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**Availability:**

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The customer can select from two billing options, both of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered PEV Time-of-Day:** An additional multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the location. PEV kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at General Service Rates.

**Distribution Charges:**

**Customer Charge:** \$ 7.00 per customer per month

**Energy Charge:** ***\$0.05997*** per kWh for all kWh consumed during the on-peak period  
***\$0.04978*** per kWh for all kWh consumed during the off-peak period

(continued on Sheet No. D-71.00)

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**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**

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**Availability:**

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The customer can select from two billing options, both of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered PEV Time-of-Day:** An additional multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the location. PEV kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at General Service Rates.

**Distribution Charges:**

**Customer Charge:** \$ 7.00 per customer per month

**Energy Charge:** ~~\$0.05988~~ per kWh for all kWh consumed during the on-peak period

~~\$0.04970~~ per kWh for all kWh consumed during the off-peak period

(continued on Sheet No. D-71.00)

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**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**

---

**Availability:**

Open to any customer eligible for the General Service Rate who uses Plug-In Electric Vehicles (PEV) and take service from the Company. This rate is not available for Residential Service, or for resale purposes. Total load is not to exceed 35kW, measured on a 15-minute interval basis. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered PEV Time-of-Day:** An additional multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the location. PEV kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at General Service Rates.

**Distribution Charges:**

**Customer Charge:** \$ 7.00 per customer per month  
**Energy Charge:** ***\$0.05979*** per kWh for all kWh consumed during the on-peak period  
***\$0.04963*** per kWh for all kWh consumed during the off-peak period

(continued on Sheet No. D-71.00)

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Kenneth A. Dragiewicz, President  
Alpena, MI 49707

Effective for service rendered on  
and after January 1, 2025

Issued under authority of the  
Michigan Public Service Commission  
dated,  
in Case No. U-21045

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**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**

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**Availability:**

Open to any customer eligible for the General Service Rate who uses Plug-In Electric Vehicles (PEV) and take service from the Company. This rate is not available for Residential Service, or for resale purposes. Total load is not to exceed 35kW, measured on a 15-minute interval basis. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered PEV Time-of-Day:** An additional multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the location. PEV kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at General Service Rates.

**Distribution Charges:**

**Customer Charge:** \$ 7.00 per customer per month

**Energy Charge:** ***\$0.05969*** per kWh for all kWh consumed during the on-peak period  
***\$0.04954*** per kWh for all kWh consumed during the off-peak period

(continued on Sheet No. D-71.00)

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**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**

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**Availability:**

Open to any customer eligible for the General Service Rate who uses Plug-In Electric Vehicles (PEV) and take service from the Company. This rate is not available for Residential Service, or for resale purposes. Total load is not to exceed 35kW, measured on a 15-minute interval basis. Customers under this tariff may not operate distributed generation resources or participate in the Company's Net Metering Program.

The customer can select from two billing options, both of which include metering that is capable of separately identifying PEV usage. Customer-specific information will be held confidential and the data presented in any analysis will protect the identity of the individual customer.

**Nature of Service:**

Alternating current, 60 hertz, single phase or three-phase, the particular voltage level in each case to be determined by the Company.

**Customer Choice of Generation Service Provider:**

A customer may choose to have its Generation Service provided by an Alternative Electric Supplier, under the terms and conditions applicable to Retail Access Service as delineated in (Sheet No E-1.00). A customer whose Generation Service is provided by an AES is subject to the Distribution Charges shown below but is not subject to the Power Supply Charges shown below.

A customer that does not choose to have its Generation Service provided by an AES shall be provided Full Requirements Service by the Company and is subject to both the Distribution Charges and the Power Supply Charges shown below.

**Monthly Rate:**

**Option 1 - Separately Metered PEV Time-of-Day:** An additional multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage from all other kWh usage at the location. PEV kWh usage will be billed at the following Monthly Rates and all other kWh usage will be billed separately at General Service Rates.

**Distribution Charges:**

**Customer Charge:** \$ 7.00 per customer per month

**Energy Charge:** ***\$0.05960*** per kWh for all kWh consumed during the on-peak period

***\$0.04947*** per kWh for all kWh consumed during the off-peak period

(continued on Sheet No. D-71.00)

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**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**  
(Continued from Sheet No. D-70.00)

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges:**

**Energy Charge:** \$0.08069 per kWh for all kWh consumed during the on-peak period  
\$0.06697 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered PEV Time-of-Day:** A standard meter will measure total kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage only. Total usage will be billed at General Service Monthly Rates. A second meter charge will apply and for all off-peak PEV kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit:** \$(0.01021) per kWh for all kWh consumed during the off-peak period

**Power Supply Charges:**

**Power Supply Charge Credit:** \$(0.01372) per kWh for all kWh consumed during the off-peak period

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

(continued on Sheet No. D-72.00)

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**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**  
(Continued from Sheet No. D-70.00)

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges:**

**Energy Charge:** \$0.08069 per kWh for all kWh consumed during the on-peak period  
\$0.06697 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered PEV Time-of-Day:** A standard meter will measure total kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage only. Total usage will be billed at General Service Monthly Rates. A second meter charge will apply and for all off-peak PEV kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit:** *\$(0.01019)* per kWh for all kWh consumed during the off-peak period

**Power Supply Charges:**

**Power Supply Charge Credit:** *\$(0.01372)* per kWh for all kWh consumed during the off-peak period

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

(continued on Sheet No. D-72.00)

---

**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**  
(Continued from Sheet No. D-70.00)

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges:**

**Energy Charge:** \$0.08069 per kWh for all kWh consumed during the on-peak period  
\$0.06697 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered PEV Time-of-Day:** A standard meter will measure total kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage only. Total usage will be billed at General Service Monthly Rates. A second meter charge will apply and for all off-peak PEV kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit:** *\$(0.01018)* per kWh for all kWh consumed during the off-peak period

**Power Supply Charges:**

**Power Supply Charge Credit:** *\$(0.01372)* per kWh for all kWh consumed during the off-peak period

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

(continued on Sheet No. D-72.00)

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**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**  
(Continued from Sheet No. D-70.00)

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges:**

**Energy Charge:** \$0.08069 per kWh for all kWh consumed during the on-peak period  
\$0.06697 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered PEV Time-of-Day:** A standard meter will measure total kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage only. Total usage will be billed at General Service Monthly Rates. A second meter charge will apply and for all off-peak PEV kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit:** *\$(0.01016)* per kWh for all kWh consumed during the off-peak period

**Power Supply Charges:**

**Power Supply Charge Credit:** *\$(0.01372)* per kWh for all kWh consumed during the off-peak period

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

(continued on Sheet No. D-72.00)

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**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**  
(Continued from Sheet No. D-70.00)

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges:**

**Energy Charge:** \$0.08069 per kWh for all kWh consumed during the on-peak period  
\$0.06697 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered PEV Time-of-Day:** A standard meter will measure total kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage only. Total usage will be billed at General Service Monthly Rates. A second meter charge will apply and for all off-peak PEV kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit:** ~~\$(0.01015)~~ per kWh for all kWh consumed during the off-peak period

**Power Supply Charges:**

**Power Supply Charge Credit:** ~~\$(0.01372)~~ per kWh for all kWh consumed during the off-peak period

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

(continued on Sheet No. D-72.00)

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**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**  
(Continued from Sheet No. D-70.00)

**Energy Waste Reduction Surcharge:**

This rate is subject to the Energy Waste Reduction Surcharge shown on Sheet No. D-4.91.

**Power Supply Charges:**

**Energy Charge:** \$0.08069 per kWh for all kWh consumed during the on-peak period  
\$0.06697 per kWh for all kWh consumed during the off-peak period

**Power Supply Cost Recovery:**

This rate is subject to the Company's Power Supply Cost Recovery Factors as shown on Sheet Nos. D-3.00 and D-4.00.

**Renewable Energy Surcharge:**

This rate is subject to the Renewable Energy Surcharge shown on Sheet No. D-4.90.

Note: Power Supply Charges are applicable only to customers who receive Full Requirements Service from the Company.

**Minimum Charge:**

The Customer Charge and Renewable Energy Surcharge.

**Option 2 - Sub-metered PEV Time-of-Day:** A standard meter will measure total kWh usage and an additional submeter capable of measuring electrical energy consumption during on-peak and off-peak billing periods will be installed to separately measure PEV kWh usage only. Total usage will be billed at General Service Monthly Rates. A second meter charge will apply and for all off-peak PEV kWh usage additional credits will apply as follows:

**Distribution Charges:**

**Second Meter Charge:** \$3.00 per customer per month

**Distribution Charge Credit:** *\$(0.01013)* per kWh for all kWh consumed during the off-peak period

**Power Supply Charges:**

**Power Supply Charge Credit:** *\$(0.01372)* per kWh for all kWh consumed during the off-peak period

**Minimum Charge:**

The Customer Charge, Renewable Energy Surcharge and a second meter charge shall apply.

(continued on Sheet No. D-72.00)

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**GENERAL SERVICE PLUG-IN ELECTRIC VEHICLE**  
(Continued from Sheet No. D-71.00)

**Customer Switching Service Charge:**

\$5.00 each time a customer switches between Generation Service providers. This includes switches from one AES to another, from the Company to an AES, and from an AES to the Company. The customer may switch Generation Service providers at the end of any billing month provided the notice requirements of (Sheet No. E-6.00, Section 2.4) are met. The Customer Switching Service Charge shall not be applied for the first switch of each calendar year or at a time the customer returns to its immediately previous Generation Service provider because the customer was Slammed by an AES.

**Due Date and Late Payment Charge:**

The due date of the customer bill shall be 21 days from the date of transmittal. A late payment charge of 2%, not compounded, of the unpaid balance, net of taxes, shall be assessed to any bill which is delinquent.

**Schedule of On-Peak and Off-Peak Hours:**

The following schedule shall apply Monday through Friday (except holidays designated by the Company). Weekends and holidays are off-peak.

On-Peak Hours: 9:00 a.m. to 9:00 p.m.

Off-Peak Hours: All other hours

**Holidays Designated by the Company:**

The following are designated as holidays by the Company:

New Year's Day

Labor Day

The day Memorial Day is observed

Thanksgiving Day

Independence Day

Christmas Day

**Rules and Regulations:**

Service under this rate is governed by the Company's Standard Rules and Regulations. The charges under this rate are subject to the General Terms and Conditions of Rate Schedules (Sheet No. D-1.00 through Sheet No. D-4.00).

**SECTION F**  
**STANDARD FORMS INDEX**

**STANDARD FORMS, INCLUDING APPLICATIONS, AGREEMENTS AND CONTRACTS FOR  
ELECTRIC SERVICE. ELECTRIC LINE EXTENSIONS, STREET LIGHTING ETC.**

<http://www.alpenapower.com>

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# PROOF OF SERVICE

STATE OF MICHIGAN )

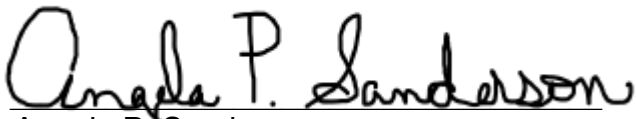
Case No. U-21045

County of Ingham )

Brianna Brown being duly sworn, deposes and says that on December 22, 2021 A.D. she electronically notified the attached list of this **Commission Order via e-mail transmission**, to the persons as shown on the attached service list (Listserv Distribution List).

  
Brianna Brown

Subscribed and sworn to before me  
this 22<sup>nd</sup> day of December 2021.



Angela P. Sanderson  
Notary Public, Shiawassee County, Michigan  
As acting in Eaton County  
My Commission Expires: May 21, 2024

**Service List for Case: U-21045**

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Name	Email Address
Alpena Power Company	kd@alpenapower.com
Amit T. Singh	singha9@michigan.gov
Daniel E. Sonneveldt	sonneveltdt@michigan.gov
John R. Liskey	john@liskeypllc.com
Michael E. Moody	moodym2@michigan.gov
Sharon Feldman	feldmans@michigan.gov
Timothy M. Gulden	tmgulden@gillardlaw.com