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Jenna Warmuth  
Senior Public Policy Advisor  
218-355-3448  
[jwarmuth@mnpower.com](mailto:jwarmuth@mnpower.com)

May 28, 2020

**VIA ELECTRONIC FILING**

Will Seuffert  
Executive Secretary  
Minnesota Public Utilities Commission  
121 7th Place East, Suite 350  
St. Paul, MN 55101-2147

Re: Minnesota Power Electric Vehicle Tariff Report  
Docket No. E015/M-15-120

Dear Mr. Seuffert:

Minnesota Power hereby submits, via electronic filing, its fifth annual Compliance for its electric vehicle tariff under Minn. Stat. § 216B.1614. The filing highlights the Company's activities and investments related to electric vehicle education and outreach. The Company is maintaining its focus on a streamlined and straightforward customer experience in terms of rate offerings, product support, system integration and customer data presentment.

Please contact me at the number or email above with any questions or concerns.

Respectfully,

Jenna Warmuth

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Attach.

**STATE OF MINNESOTA**  
**BEFORE THE**  
**MINNESOTA PUBLIC UTILITIES COMMISSION**

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In the Matter of Minnesota Power's  
Petition for Approval of Residential  
Off-Peak Electric Vehicle Service Tariff

Docket No. E015/M-15-120

**2020 COMPLIANCE FILING**

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**I. INTRODUCTION**

In its June 22, 2015 Order Approving Tariffs and Requiring Filings in the above referenced proceeding (the "June 22, 2015 Order"), the Minnesota Public Utilities Commission ("Commission") authorized implementation of Minnesota Power's (or "the Company") Residential Off-Peak Electric Vehicle Service tariff ("EV Tariff"), with an effective date of July 1, 2015.

On September 11, 2018 the Commission issued an Order accepting the Company's 2018 Compliance filing. Subsequently, on February 2, 2019 the Commission issued an Order in Docket No. E-999/CI-17-879 that outline further requirements for the Company's 2019 Compliance filing as follows:

Minnesota Power, Otter Tail Power, and Xcel Energy shall file EV promotional cost recovery mechanisms consistent with Minn. Stat. § 216B.1614, subd. 2(c)(2), and the Commission's above Findings in this docket, as part of their annual EV reports filed June 1, 2019.

On December 12, 2019 the Commission issued an Order accepting the Company's 2019 Compliance filing and narrowing the reporting requirements for future compliance. The updated requirements are outlined below:

Utilities must include the following information in future reports filed in Docket Nos. E-002/M-15-111, E-017/M-15-112, and E-015/M-15-120.

- a. The amount of energy sold per time period, and number of customers on the rate, on a monthly basis.
- b. The number of customers choosing a renewable-source option.
- c. The status of the communications costs tracker account, if applicable, including a breakdown of costs by educational and outreach initiatives; where possible, a separation of costs used to promote specific EV programs versus EV adoption in general; and a brief description of the activities for which the Company has incurred costs.

Minnesota Power respectfully submits this Fifth Annual Report for its Residential Off-Peak EV Tariff for the period ending April 30, 2020. The Company submits this report pursuant to the referenced Orders and requests that the Commission accept its 2020 Annual Report.

## II. COMPLIANCE REPORTING

### A. THE AMOUNT OF ENERGY SOLD PER TIME PERIOD, AND NUMBER OF CUSTOMERS ON THE RATE, ON A MONTHLY BASIS;

Minnesota Power enrolled 1 additional customer in the EV Tariff during the applicable reporting period (May 1, 2019 to April 30, 2020). Zero customers chose the renewable source option in 2019. The monthly summary of participating customers, on-peak and off-peak energy sold, and total energy sold is shown below in Table 1.

**Table 1: Total Amount of Electricity Sold by Month**

<b>Billing Month</b>	<b>Participating Customers</b>	<b>Total Monthly Energy Sold (kWh)</b>	<b>On-Peak (kWh)</b>	<b>Off-Peak (kWh)</b>
May-19	4	1571	1372	208
Jun-19	4	1190	1076	106
Jul-19	4	660	606	56
Aug-19	4	652	594	57
Sep-19	4	1057	935	123
Oct-19	5	869	780	89
Nov-19	5	1272	864	405
Dec-19	5	1476	1079	398
Jan-20	5	2405	2010	398
Feb-20	5	1375	1080	293
Mar-20	5	1394	1046	348
Apr-20	5	853	629	224
	<b>Total</b>	<b>14,774</b>	<b>12,071</b>	<b>2,705</b>

### B. THE NUMBER OF CUSTOMERS CHOOSING A RENEWABLE-SOURCE OPTION.

No customers chose the Renewable Source option during the reporting year.

- C. THE STATUS OF THE COMMUNICATIONS COSTS TRACKER ACCOUNT, IF APPLICABLE, INCLUDING A BREAKDOWN OF COSTS BY EDUCATIONAL AND OUTREACH INITIATIVES; WHERE POSSIBLE, A SEPARATION OF COSTS USED TO PROMOTE SPECIFIC EV PROGRAMS VERSUS EV ADOPTION IN GENERAL; AND A BRIEF DESCRIPTION OF THE ACTIVITIES FOR WHICH THE COMPANY HAS INCURRED COSTS.;

Minnesota Power has invested resources, primarily in the form of internal employee time in the development and promotion of electric vehicles (“EVs”) in its service territory and statewide over the past year. Below is an overview of the various methods and channels the Company has been using to educate customers on the benefits of electric vehicles and to inform them of the Company’s EV Tariff. For its 2019 Annual Report Minnesota Power tracked direct costs related to promotional activities at \$5,142 (this does not include labor, materials or advertisements that the Company designed and printed in-house). The largest investment Minnesota Power made in EV promotional activities was for a video web series called “What Fuels You? An EV Road Trip”, which can be viewed online<sup>1</sup>. The video series was also used during the Energy Design Conference as an attraction at the expanded EV showroom.

## COMMUNITY EVENTS

**Table 2: Outreach and Education Expenditures**

Date	Event	Description	Attendance	Cost
5/3/2019	ItasCAP	EV presentation	25	\$0
20-Aug	Farmers Market "kick the tires"	EV available for inspection and questions in Duluth Downtown farmers market	10	\$0
22-Aug	CTS All Staff	Presentation and kick the tires for internal staff meeting		\$0
10-Sep	"Kick the Tires" at the Duluth Harvest Festival.	EV display with three Minnesota Power customers who volunteered their vehicles and answered questions. The Company had a representative displaying Minnesota Power's Leased Chevy Bolt present to offer information and answer questions regarding EVs and the Company's EV tariff.	1000	\$50
9/16/2019	GRE- EV Show and Tell	General Public EV informational sessions in Canal Park	150	\$0
9/17/2019	Farmers Market "kick the tires"	EV available for inspection and questions in Duluth Downtown farmers market	10	\$0

<sup>1</sup> [https://www.youtube.com/channel/UCgOjNEdhr7Nj7b\\_Ur\\_6zjcQ](https://www.youtube.com/channel/UCgOjNEdhr7Nj7b_Ur_6zjcQ)

October	What Fuels You? An EV Roadtrip	Filmed short educational video clips for web series, launched after the new year	1000's	\$5,000
10/10/2019	East Range CAP	EV presentation	25	\$0
11/20/2019	Izaak Walton League	EV presentation	30	\$0
12/3/2019	Motley DCFC Ribbon Cutting	Cut the ribbon for new DCFC in Motely- Media coverage	100's	\$0
12/19/2019	Drive Electric Minnesota- member meeting	Presented MP efforts for interested stakeholders	30	\$0
2/22- 2/24/2020	Energy Design Conference	EV showroom: in 2020 included cars from dealers, GRE and MP. 6 vehicles in total were displayed	600	\$92

As Minnesota's Plug-in Electric Vehicle Market continues to develop, the Company believes education and outreach are foundational to customer understanding and adoption of EV technology. As shown in Table 2, the Company has continued to invest time and resources in direct in-person community engagements, which have proven valuable in understanding customers' desires and concerns surrounding electric transportation.

### III. CONCLUSION

Minnesota Power continues to invest time and resources towards understanding the developing EV market and the preferences and viewpoints of its customers and stakeholders. As the EV market grows and demand increases for specialized product and service offerings, the Company is positioning itself to respond in an expeditious, yet balanced, manner. An important element of this will be a streamlined and straightforward customer experience in terms of any rate offerings, product support, system integration and customer data presentment.

Dated: May 28, 2020

Respectfully submitted,



Jenna Warmuth  
Senior Public Policy Advisor  
Minnesota Power  
30 West Superior Street  
Duluth, MN 55802  
(218) 355-3448  
jwarmuth@mnpower.com

STATE OF MINNESOTA     )  
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COUNTY OF ST. LOUIS    )

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AFFIDAVIT OF SERVICE VIA  
ELECTRONIC FILING

Tiana Heger of the City of Duluth, County of St. Louis, State of Minnesota, says that on the 28<sup>th</sup> day of May, 2020, she served Minnesota Power's Compliance Filing in **Docket No. E015/M-15-120** on the Minnesota Public Utilities Commission and the Energy Resources Division of the Minnesota Department of Commerce via electronic filing. The persons on E-Docket's Official Service List for this Docket were served as requested.



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Tiana Heger