

BEFORE THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS

In the Matter of The Empire District Electric)
Company's Net Metering Annual Compliance)
Filing as Required by K.A.R. 82-17-4.) Docket No. 12-EPDE-689-CPL

ANNUAL NET METERING COMPLIANCE
REPORT OF THE EMPIRE DISTRICT ELECTRIC COMPANY

The Empire District Electric Company ("Empire") hereby submits its annual net metering compliance report pursuant to K.A.R. 82-17-4. In support of its filing Empire states the following:

1. On May 28, 2009, the Kansas Legislature passed into law the Net Metering and Easy Connection Act ("NMECA").¹ K.S.A. 66-1269 directed the State Corporation Commission of the State of Kansas ("Commission") to establish, within twelve (12) months of the effective date of the NMECA, rules and regulations for net metering applicable to jurisdictional utilities.

2. On July 22, 2010, the Commission published in the Kansas Register the net metering regulations adopted by the Commission in a public hearing conducted on July 9, 2010.²

3. K.A.R. 82-17-3 requires jurisdictional utilities to file with the Commission a tariff "setting forth the terms and conditions for net metering interconnection with a customer generator" with said tariff also including certain criteria specifically provided for in the regulation. On February 7, 2011, pursuant to and in compliance with K.A.R. 82-17-3, Empire filed for Commission approval of its net metering tariff. On April 1, 2011, the Commission issued its Order approving Empire's tariff, as recommended and modified by Commission Staff ("Staff").³ The Commission also approved

¹K.S.A. 66-1263 through K.S.A.66-1271.

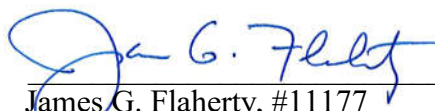
²K.A.R. 82-17-1 through K.A.R. 82-17-5.

³Docket No. 11-EPDE-551-TAR, Staff Report and Recommendation, filed March 11, 2011, pp. 3-4 (Staff recommended minor changes to language).

modifications to Empire's tariff in 2014 to bring the tariff into compliance with 2013-2014 legislative changes to the NMECA.⁴

4. K.A.R. 82-17-4 requires jurisdictional utilities file with the Commission by March 1 of each year an annual report containing specific information regarding the net metering facilities connected to its system. In the instant filing Empire seeks to satisfy the reporting requirements of K.A.R. 82-17-4 by submitting for review the attached Exhibit A, Empire's 2021 Net Metering Annual Report, outlining Empire customer net metering facilities connected to its system through December 31, 2021, as specified in K.A.R. 82-17-4(b).

WHEREFORE, Empire respectfully submits its 2021 Net Metering Annual Report for Commission review.

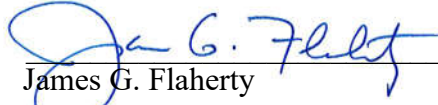


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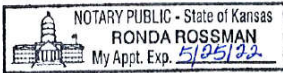
⁴Docket No. 14-EPDE-558-TAR, Order on Application, filed July 24, 2014.

STATE OF KANSAS, COUNTY OF FRANKLIN, ss:

James G. Flaherty, of lawful age, being first duly sworn on oath, states: That he is attorney for The Empire District Electric Company; that he has read the above and foregoing Annual Net Metering Compliance Report, knows the contents thereof; and that the statements contained therein are true.


James G. Flaherty

SUBSCRIBED AND SWORN to before me this 1st day of March, 2022.



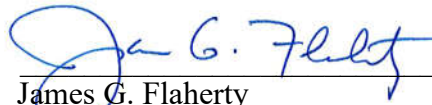


Notary Public

Appointment/Commission Expires:

CERTIFICATE OF SERVICE

I hereby certify that a copy of the above and foregoing was sent via electronic mail, this 1st day of March, 2022, addressed to: Jared Jevons, j.jevons@kcc.ks.gov.


James G. Flaherty

THE EMPIRE DISTRICT ELECTRIC COMPANY
2021 Net Metering Annual Report

Pursuant to Kansas Administrative Rules:
Article 17 - Net Metering
K.A.R. 82-17-4 Reporting Requirements

Customer Type	(A) Type of Generation	(B) Zip Code	(C) Date of Interconnection	(D) Expiring Excess kWh	(E) Generator Size	(F) Number & Meter Type	# Wires	Volts
Residential	Photovoltaic	66725	01/08/16	0	6.0 kW	1/Itron	3 wire/1 phase	120/240
Commerical	Photovoltaic	66739	02/09/17	0	24.55 kW	1/Landis & Gyr	4 wire/3 phase	
Commerical	Photovoltaic	66739	02/09/17	0	30.2 kW	1/Landis & Gyr	4 wire/3 phase	
Commerical	Photovoltaic	66725	02/09/17	0	40.81 kW	1/Itron	3 wire/1 phase	120/240
Commerical	Photovoltaic	66739	02/09/17	0	25.97 kW	1/Landis & Gyr	4 wire/3 phase	
Commerical	Photovoltaic	66739	02/09/17	0	25.97 kW	1/Landis & Gyr	4 wire/3 phase	
Residential	Photovoltaic	66739	03/23/17	0	7 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66739	10/06/17	0	8.55 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66725	11/16/17	0	7.5 kW	1/Landis & Gyr	3 wire/1 phase	120/240
Residential	Photovoltaic	66725	01/29/18	0	11.04 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66739	04/11/18	0	8.12 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66739	05/10/18	0	10.88 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66713	08/16/18	0	7.25 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66725	09/17/18	0	15.00 kW	1/Landis & Gyr	3 wire/1 phase	120/240
Residential	Photovoltaic	66725	09/21/18	0	10.15 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66770	10/08/18	0	6.30 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66739	10/16/18	0	16.20 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66713	10/29/18	0	12.00 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66739	11/02/18	0	6.00 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66713	02/14/19	0	9.9 kW	1/Landis & Gyr	3 wire/1 phase	120/240
Residential	Photovoltaic	66725	02/20/19	0	10.2 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66713	04/01/19	0	14.7 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66739	08/20/19	0	14.805 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66725	12/11/19	0	9 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66739	12/11/19	0	14.52 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66739	12/19/19	0	5 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66739	12/19/19	0	2.83 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66739	01/24/20	0	6.82 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66713	02/10/20	0	19.44 kW	1/Landis & Gyr	3 wire/1 phase	120/240
Residential	Photovoltaic	66713	02/10/20	0	19.44 kW	1/Landis & Gyr	3 wire/1 phase	120/240
Residential	Photovoltaic	66713	02/10/20	0	19.44 kW	1/Landis & Gyr	3 wire/1 phase	120/240
Residential	Photovoltaic	66713	02/10/20	0	19.44 kW	1/Landis & Gyr	3 wire/1 phase	120/240
Residential	Photovoltaic	66713	02/10/20	0	20 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66725	10/13/20	0	10 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66725	03/19/21	0	13.2 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66739	12/01/21	0	25.2 kW	1/Itron	3 wire/1 phase	120/240
Residential	Photovoltaic	66739	12/21/21	0	8.96 kW	1/Itron	3 wire/1 phase	120/240

(2) Total rated net metered generating capacity for all net metered facilities connected with Empire's system in Kansas as of December 31, 2021:

522.39 kW

RULE EXCERPT:

82-17-4. Reporting Requirements.

- (a) Each utility shall submit to the Commission, by March 1, a report in a format approved by the Commission listing all net metered facilities connected with the utility during the prior calendar year, pursuant to the act.
- (b) Each report shall specify the following information:
 - (1) Information by customer type, including the following for each net metered facility:
 - (A) The type of generation resource in operation;
 - (B) Zip code of the net metered facility;
 - (C) First Year of interconnection;
 - (D) Any excess kilowatt-hour that expired at the end of the prior calendar year;
 - (E) Generator size;
 - (F) Number and type of meters; and
 - (2) The utility's system retail peak in Kansas and total rated net metered generating capacity for all net metered facilities connected with the utility's system in Kansas.

THE EMPIRE DISTRICT ELECTRIC COMPANY
2021 Net Metering Annual Report
Kansas Retail Peak Demand
For Calendar Year 2021

Pursuant to Kansas Administrative Rules:
Article 17 - Net Metering
K.A.R. 82-17-4 Reporting Requirements

<u>Month</u>	<u>Date</u>	<u>Time</u>	<u>Megawatts</u>
January	1/11/21	0800	41.0
February	2/16/21	0700	57.3
March	3/02/21	0800	38.0
April	4/21/21	0800	35.9
May	5/26/21	1700	38.1
June	6/17/21	1700	50.7
July	7/29/21	1700	51.8
August	8/25/21	1700	53.9
September	9/02/21	1700	46.7
October	10/08/21	1700	36.5
November	11/19/21	0800	35.1
December	12/20/21	0800	38.6