BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS

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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

MARCH 2019 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 modifications to Empire's tariff in 2014 to bring the tariff into compliance with 2013-2014 legislative

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).

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 March 2019 reporting requirements of K.A.R. 82-17-4 by submitting for review the attached Exhibit A, Empire 's 2018 Net Metering Annual Report, outlining Empire customer net metering facilities connected to its system through December 31, 2018, as specified in K.A.R. 82-17-4(b).

WHEREFORE, Empire respectfully submits it 2018 Net Metering Annual Report for Commission review.

James G. Flaherty, #11177

ANDERSON & BYRD, LLP 216 S. Hickory, P. O. Box 17 Ottawa, Kansas 66067 (785) 242-1234, telephone (785) 242-1279, facsimile jflaherty@andersonbyrd.com Attorneys for The Empire District Electric Company

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 March 2019 Annual Net Metering Compliance Report, knows the contents thereof; and that the statements contained therein are true.

SUBSCRIBED AND SWORN to before me this 1st day of March, 2019.

NOTARY PUBLIC - State of Kansas **RONDA ROSSMAN** I My Appt. Exp. 5/25/2

Roudd Rossinger

Notary Public

Appointment/Commission Expires:

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

Exhibit A

THE EMPIRE DISTRICT ELECTRIC COMPANY 2018 Net Metering Annual Report

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

(A) Type of		(C) Date of	(D) Expiring		(F) Number & Meter		
Generation	(B) Zip Code	Interconnection	Excess kWh	(E) Generator Size	Туре	# Wires	Volts
Photovoltaic	66725	01/08/16	0	6.0 kW	1/ltron	3 wire/1 phase	120/240
Photovoltaic	66739	02/09/17	0	24.55 kW	1/Landis & Gyr	4 wire/3 phase	
Photovoltaic	66739	02/09/17	0	30.2 kW	1/Landis & Gyr	4 wire/3 phase	
Photovoltaic	66725	02/09/17	0	40.81 kW	1/ltron	3 wire/1 phase	120/240
Photovoltaic	66739	02/09/17	0	25.97 kW	1/Landis & Gyr	4 wire/3 phase	
Photovoltaic	66739	02/09/17	0	25.97 kW	1/Landis & Gyr	4 wire/3 phase	
Photovoltaic	66739	03/23/17	0	7 kW	1/ltron	3 wire/1 phase	120/240
Photovoltaic	66739	10/06/17	0	8.55 kW	1/ltron	3 wire/1 phase	120/240
Photovoltaic	66725	11/16/17	0	7.5 kW	1/Landis & Gyr	3 wire/1 phase	120/240
Photovoltaic	66725	01/29/18	0	11.04 kW	1/ltron	3 wire/1 phase	120/240
Photovoltaic	66739	04/11/18	0	8.12 kW	1/ltron	3 wire/1 phase	120/240
Photovoltaic	66739	05/10/18	0	10.88 kW	1/ltron	3 wire/1 phase	120/240
Photovoltaic	66713	08/16/18	0	7.25 kW	1/ltron	3 wire/1 phase	120/240
Photovoltaic	66725	09/17/18	0	15.00 kW	1/Landis & Gyr	3 wire/1 phase	120/240
Photovoltaic	66725	09/21/18	0	10.15 kW	1/ltron	3 wire/1 phase	120/240
Photovoltaic	66770	10/08/18	0	6.30 kW	1/ltron	3 wire/1 phase	120/240
Photovoltaic	66739	10/16/18	0	16.20 kW	1/ltron	3 wire/1 phase	120/240
Photovoltaic	66713	10/29/18	0	12.00 kW	1/ltron	3 wire/1 phase	120/240
Photovoltaic	66739	11/02/18	0	6.00 kW	1/ltron	3 wire/1 phase	120/240
Total net metered generating capacity for all connections made during 2018				102.94			
	Generation Photovoltaic Photovo	Generation (B) Zip Code Photovoltaic 66725 Photovoltaic 66739 Photovoltaic 66725 Photovoltaic 66725 Photovoltaic 66725 Photovoltaic 66725 Photovoltaic 66739 Ph	Generation (B) Zip Code Interconnection Photovoltaic 66725 01/08/16 Photovoltaic 66739 02/09/17 Photovoltaic 66739 03/23/17 Photovoltaic 66739 03/23/17 Photovoltaic 66739 01/06/17 Photovoltaic 66739 04/01/17 Photovoltaic 66739 04/11/18 Photovoltaic 66739 05/10/18 Photovoltaic 66725 09/21/18 Photovoltaic 66739 10/08/18 Photovoltaic 66739 10/16/18 Photovoltaic 66739 10/29/18 Photovoltaic 66739 10/29/18 Photovoltaic 66739 <t< td=""><td>Generation (B) Zip Code Interconnection Excess kWh Photovoltaic 66725 01/08/16 0 Photovoltaic 66739 02/09/17 0 Photovoltaic 66739 03/23/17 0 Photovoltaic 66739 03/23/17 0 Photovoltaic 66739 10/06/17 0 Photovoltaic 66739 04/11/18 0 Photovoltaic 66739 04/11/18 0 Photovoltaic 66725 09/21/18 0 Photovoltaic 66739 10/08/18 0 Photovoltaic<</td><td>Generation (B) Zip Code Interconnection Excess kWh (E) Generator Size Photovoltaic 66725 01/08/16 0 6.0 kW Photovoltaic 66739 02/09/17 0 24.55 kW Photovoltaic 66739 02/09/17 0 30.2 kW Photovoltaic 66739 02/09/17 0 40.81 kW Photovoltaic 66739 02/09/17 0 25.97 kW Photovoltaic 66739 02/09/17 0 25.97 kW Photovoltaic 66739 03/23/17 0 7 kW Photovoltaic 66739 03/23/17 0 7.5 kW Photovoltaic 66739 03/23/17 0 7.5 kW Photovoltaic 66739 04/11/18 0 8.12 kW Photovoltaic 66739 04/11/18 0 8.12 kW Photovoltaic 66713 08/16/18 0 7.25 kW Photovoltaic 66725 09/17/18 0 15.00 kW Phot</td><td>Generation (B) Zip Code Interconnection Excess kWh (E) Generator Size Type Photovoltaic 66725 01/08/16 0 6.0 kW 1/Itron Photovoltaic 66739 02/09/17 0 24.55 kW 1/Landis & Gyr Photovoltaic 66739 02/09/17 0 40.81 kW 1/Itron Photovoltaic 66739 02/09/17 0 25.97 kW 1/Landis & Gyr Photovoltaic 66739 02/09/17 0 25.97 kW 1/Landis & Gyr Photovoltaic 66739 03/23/17 0 7 kW 1/Itron Photovoltaic 66739 03/23/17 0 7 kW 1/Itron Photovoltaic 66739 01/29/18 0 11.04 kW 1/Itron Photovoltaic 66725 01/29/18 0 10.08 kW 1/Itron Photovoltaic 66725 09/17/18 0 10.88 kW 1/Itron Photovoltaic 66725 09/17/18 0 10.15 kW 1/Itron</td><td>Generation (B) Zip Code Interconnection Excess kWh (E) Generator Size Type # 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(2) Total rated net metered generating capacity for all net metered facilities connected with Empire's system in Kansas as of December 31, 2018: 279.49 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.

Exhibit A THE EMPIRE DISTRICT ELECTRIC COMPANY 2018 Net Metering Annual Report Kansas Retail Peak Demand For Calendar Year <u>2018</u>

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

<u>Month</u>	Date	<u>Time</u>	<u>Megawatts</u>
January	01/17/18	0700	56.0
February	02/05/18	0800	40.6
March	03/13/18	0800	36.8
April	04/04/18	0800	41.9
May	05/30/18	1800	46.8
June	06/28/18	1700	54.5
July	07/11/18	1600	54.7
August	08/06/18	1600	55.9
Sept.	09/19/18	1700	49.2
Oct.	10/3/18	1700	45.5
Nov.	11/14/18	0800	47.0
Dec.	12/10/18	0800	47.3