

**BEFORE THE STATE CORPORATION COMMISSION  
OF THE STATE OF KANSAS**

In the Matter of Kansas City Power & Light )  
Company's Net Metering Annual ) Docket No. 12-KCPE-665-CPL  
Compliance Filing as Required by K.A.R. )  
82-17-4. )

**KANSAS CITY POWER & LIGHT COMPANY'S  
2017 NET METERING ANNUAL COMPLIANCE REPORT**

Kansas City Power & Light Company ("KCP&L") hereby submits its net metering annual compliance report pursuant to K.A.R. 82-17-4. In support of its filing KCP&L states the following:

1. K.S.A. 66-1269 directs the State Corporation Commission of the State of Kansas ("Commission") to establish rules and regulations for net metering applicable to jurisdictional utilities. The Commission established K.A.R. 82-17-1 through 82-17-5.

2. 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, KCP&L satisfies the March 2018 reporting requirements of K.A.R. 82-17-4 by submitting for review the attached **Exhibit A**, *KCP&L's 2017 Net Metering Annual Report*, outlining KCP&L customer net metering facilities connected to its system through December 31, 2017 as specified in K.A.R. 82-17-4(b).

WHEREFORE, KCP&L respectfully submits its 2017 Net Metering Annual Report for Commission review.

Respectfully submitted,

*/s/ Roger W. Steiner*

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**COUNSEL FOR KANSAS CITY POWER &  
LIGHT COMPANY**

**CERTIFICATE OF SERVICE**

I do hereby certify that a true and correct copy of the above and foregoing Affidavit of Publication has been electronically served this 1<sup>st</sup> day of March 2018 to all counsel of record in this case constituting official service and no hard copy will follow.

*/s/ Roger W. Steiner*

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Counsel for Kansas City Power & Light Company

**VERIFICATION**

STATE OF MISSOURI     )  
                                  ) ss.  
COUNTY OF JACKSON    )

The undersigned, Lisa Casteel, upon oath first duly sworn, states that she is the Regulatory Analyst Lead, Regulatory Affairs of Kansas City Power & Light Company, that she has reviewed the foregoing Compliance Report, that she is familiar with the contents thereof, and that the statements contained therein are true and correct to the best of her knowledge and belief.

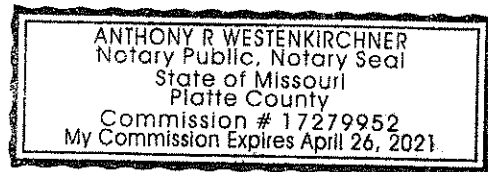
*Lisa Casteel*  
LISA CASTEEL  
Regulatory Analyst Lead, Regulatory Affairs  
Kansas City Power & Light Company

The foregoing Verification was subscribed and sworn to before me this 26<sup>th</sup> day of February, 2018.

*[Signature]*  
NOTARY PUBLIC

My Commission Expires:

4/26/2021



	A	B	C	D	E	F	G	H	I	J
1										EXHIBIT A - PAGE 1 OF 6
2	<b>KANSAS CITY POWER &amp; LIGHT COMPANY</b>									
3	<b>2017 Net Metering Annual Report</b>									
4	<b>Pursuant to Kansas Administrative Rules:</b>									
5	<b>Article 17 - NET METERING</b>									
6	<b>K.A.R. 82-17-4 - Reporting Requirements</b>									
8		(A)	(B)	(C)	(D)	(E)	(F)	(F)	(F)	(F)
9	<b>Customer Type</b>	<b>Type of Generation Resource</b>	<b>Zip Code of Net Metered Facility</b>	<b>Date of Interconnection*</b>	<b>Excess kWh Expired at March 31, 2017**</b>	<b>Generator Size (kW)</b>	<b>Number and Type of Meters</b>	<b>Model</b>	<b># Wire</b>	<b>Volts</b>
10	Residential	PHOTOVOLTAIC	66067	3/5/2008	N/A	2	1- Bi-Directional	2240	3	120/240
11	Residential	PHOTOVOLTAIC	66062	2/3/2009	N/A	2	1- Bi-Directional	2840	3	120/240
12	Residential	PHOTOVOLTAIC	66085	2/27/2009	N/A	3.26	1- Bi-Directional	2840	3	120/240
13	Commercial	PHOTOVOLTAIC	66211	11/5/2009	N/A	5	1- Bi-Directional	7821	4	MULTI
14	Residential	WIND	66076	3/1/2010	N/A	2.4	1- Bi-Directional	2240	3	120/240
15	Residential	WIND	66076	3/1/2010	N/A	1.8	1- Bi-Directional	2240	3	120/240
16	Commercial	WIND	66076	6/2/2010	N/A	2.4	1- Bi-Directional	6421	3	MULTI
17	Residential	PHOTOVOLTAIC	66203	8/9/2010	N/A	1.5	1- Bi-Directional	2848	3	120/240
18	Residential	PHOTOVOLTAIC	66207	9/24/2010	N/A	0.68	1- Bi-Directional	2848	3	120/240
19	Residential	PHOTOVOLTAIC	66214	9/30/2010	N/A	3.08	1- Bi-Directional	2848	3	120/240
20	Residential	PHOTOVOLTAIC	66203	11/29/2010	N/A	1.9	1- Bi-Directional	2848	3	120/240
21	Commercial	PHOTOVOLTAIC	66006	12/7/2010	N/A	17.94	1- Bi-Directional	6421	3	MULTI
22	Residential	PHOTOVOLTAIC	66212	1/19/2011	N/A	1.47	1- Bi-Directional	2848	3	120/240
23	Residential	PHOTOVOLTAIC	66213	4/25/2011	N/A	2.44	1- Bi-Directional	2848	3	120/240
24	Residential	WIND	66021	5/19/2011	N/A	3.7	1- Bi-Directional	2840	3	120/240
25	Residential	PHOTOVOLTAIC	66079	6/8/2011	N/A	5.64	1- Bi-Directional	6421	3	MULTI
26	Residential	PHOTOVOLTAIC	66206	9/8/2011	N/A	3.68	1- Bi-Directional	2848	3	120/240
27	Commercial	PHOTOVOLTAIC	66083	10/19/2011	N/A	4.4	1- Bi-Directional	2848	3	120/240
28	Commercial	PHOTOVOLTAIC	66062	11/1/2011	N/A	10.96	1- Bi-Directional	6821	3	MULTI
29	Residential	PHOTOVOLTAIC	66062	12/8/2011	N/A	3.5	1- Bi-Directional	2848	3	120/240
30	Residential	PHOTOVOLTAIC	66064	12/22/2011	N/A	3.5	1- Bi-Directional	2240	3	120/240
31	Commercial	WIND	66071	1/5/2012	N/A	10	1- Bi-Directional	7428	4	MULTI
32	Residential	PHOTOVOLTAIC	66206	2/14/2012	N/A	3.5	1- Bi-Directional	2248	3	240/240
33	Commercial	PHOTOVOLTAIC	66214	3/29/2012	N/A	22.4	1- Bi-Directional	7821	4	MULTI
34	Residential	WIND	66210	4/19/2012	N/A	2	1- Bi-Directional	2848	3	120/240
35	Residential	PHOTOVOLTAIC	66202	4/27/2012	N/A	0.9	1- Bi-Directional	2848	3	120/240
36	Residential	PHOTOVOLTAIC	66071	7/31/2012	N/A	11	1- Bi-Directional	2240	3	120/240
37	Commercial	WIND	66210	8/31/2012	N/A	9.68	1- Bi-Directional	7821	4	MULTI
38	Commercial	PHOTOVOLTAIC	66208	9/18/2012	N/A	24.25	1- Bi-Directional	2840	3	120/240
39	Commercial	PHOTOVOLTAIC	66215	12/18/2012	N/A	100	1- Bi-Directional	7821	4	MULTI
40	Commercial	PHOTOVOLTAIC	66215	2/20/2013	N/A	7.14	1- Bi-Directional	2840	3	120/240
41	Commercial	PHOTOVOLTAIC	66210	7/5/2013	N/A	19	1- Bi-Directional	7821	4	MULTI
42	Commercial	PHOTOVOLTAIC	66092	8/20/2013	N/A	14.19	1- Bi-Directional	2620	3	120/240
43	Residential	PHOTOVOLTAIC	66006	10/3/2013	N/A	3.67	1- Bi-Directional	2240	3	120/240
44	Residential	PHOTOVOLTAIC	66040	11/1/2013	N/A	2.3	1- Bi-Directional	2240	3	120/240
45	Residential	PHOTOVOLTAIC	66061	11/5/2013	N/A	2.08	1- Bi-Directional	2848	3	120/240
46	Commercial	PHOTOVOLTAIC	66061	12/11/2013	12,925	37.1	1- Bi-Directional	2840	3	120/240
47	Residential	PHOTOVOLTAIC	66213	12/12/2013	554	8.39	1- Bi-Directional	2848	3	120/240
48	Residential	PHOTOVOLTAIC	66202	12/19/2013	N/A	3	1- Bi-Directional	2848	3	120/240
49	Residential	PHOTOVOLTAIC	66205	12/19/2013	N/A	8.5	1- Bi-Directional	2848	3	120/240
50	Residential	PHOTOVOLTAIC	66025	1/27/2014	N/A	10	1- Bi-Directional	2240	3	120/240
51	Residential	PHOTOVOLTAIC	66006	2/11/2014	N/A	11	1- Bi-Directional	2240	3	120/240
52	Residential	PHOTOVOLTAIC	66209	3/7/2014	N/A	6.5	1- Bi-Directional	2848	3	120/240
53	Residential	PHOTOVOLTAIC	66205	5/29/2014	N/A	5	1- Bi-Directional	2848	3	120/240
54	Residential	PHOTOVOLTAIC	66085	5/30/2014	N/A	1.08	1- Bi-Directional	2848	3	120/240
55	Residential	PHOTOVOLTAIC	66208	5/30/2014	N/A	10	1- Bi-Directional	2848	3	120/240
56	Residential	PHOTOVOLTAIC	66216	5/30/2014	N/A	7.28	1- Bi-Directional	2848	3	120/240
57	Residential	PHOTOVOLTAIC	66085	6/6/2014	N/A	0.25	1- Bi-Directional	2848	3	120/240
58										







	A	B	C	D	E	F	G	H	I	J
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248						2219.94				
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251	<p><b>*Note:</b> While the rule requires listing of all net metered facilities connected during the prior calendar year only, KCP&amp;L is providing all net metered facilities with an interconnection date prior to December 31, 2017. The yellow highlight entries are interconnections in 2017. Facilities interconnected prior to the March 9, 2011 effective date of KCP&amp;L's net metering tariff were connected under KCP&amp;L's existing parallel generation tariff and converted to the net metering tariff at the request of the customer.</p>									
252										
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256	<p><b>**Note:</b> Effective July 1, 2014, Kansas House bill 2101 modified portions of the Net Metering and Easy Connection Act. One of those changes was to move the annual expiration date for any kWh credits remaining in a Customer-Generator's account from December 31 to March 31 of each year. Therefore, any credits granted on or after April 1, 2016, and set to expire on December 31, 2016 are considered valid through March 31, 2017 and will be reported with the 2017 Annual Net Metering Report. Also, note that while the HB 2101 modified the annual expiration date, and KCP&amp;L's tariff was modified accordingly, K.A.R. 82-17-4(b)(1)(D) still states "any excess kilowatt-hours that expired at the end of the prior calendar year."</p>									
257										
258	<b>RULE EXCERPT:</b>									
259	<b>82-17-4.</b> Reporting requirements.									
260	(a) Each utility shall annually submit to the commission, by March 1, a report in a format approved by the commission									
261	listing all net metered facilities connected with the utility during the prior calendar year, pursuant to the act.									
262	(b) Each report shall specify the following information:									
263	(1) Information by customer type, including the following for each net metered facility:									
264	(A) type of generation resource in operation;									
265	(B) zip code of the net metered facility;									
266	(C) first year of interconnection;									
267	(D) any excess kilowatt-hours that expired at the end of the prior calendar year;									
268	(E) generator size; and									
269	(F) number and type of meters; and									
270	(2) The utility's system retail peak in Kansas and total rated net metered generating capacity for all net									
271	metered facilities connected with the utility's system in Kansas.									



**KANSAS CITY POWER & LIGHT COMPANY**  
**2017 Net Metering Annual Report**  
**Pursuant to Kansas Administrative Rules:**  
**Article 17 - NET METERING**  
**K.A.R. 82-17-4 - Reporting Requirements**

(2) KCP&L's system retail peak in Kansas

**KS 2017 Peak**

**1648 MW**

Month	State	Maximum		
		Date	Hour	MW
Jan	KS	42740	1800	1168
Feb	KS	42775	800	1092
Mar	KS	42807	1100	967
Apr	KS	42844	1700	1049
May	KS	42870	1800	1294
Jun	KS	42901	1700	1511
<b>Jul</b>	<b>KS</b>	<b>42937</b>	<b>1700</b>	<b>1648</b>
Aug	KS	42962	1700	1388
Sep	KS	43000	1700	1454
Oct	KS	43010	1700	1189
Nov	KS	43049	800	931
Dec	KS	43100	1900	1205