

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
2016 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 2017 reporting requirements of K.A.R. 82-17-4 by submitting for review the attached **Exhibit A**, *KCP&L's 2016 Net Metering Annual Report*, outlining KCP&L customer net metering facilities connected to its system through December 31, 2016 as specified in K.A.R. 82-17-4(b).

WHEREFORE, KCP&L respectfully submits its 2016 Net Metering Annual Report for Commission review.

Respectfully submitted,

/s/ Roger W. Steiner

Roger Steiner (#26159)

Corporate Counsel

Kansas City Power & Light Company

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

VERIFICATION

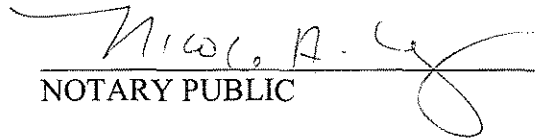
STATE OF MISSOURI)
) ss.
COUNTY OF JACKSON)

The undersigned, Lisa Casteel, upon oath first duly sworn, states that she is the Regulatory Analyst Senior, 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
Regulatory Analyst Sr., Regulatory Affairs
Kansas City Power & Light Company

The foregoing Verification was subscribed and sworn to before me this 1st day of March, 2017.



NOTARY PUBLIC

My Commission Expires:

Feb 4 2019

NICOLE A. WEHRY
Notary Public - Notary Seal
State of Missouri
Commissioned for Jackson County
My Commission Expires: February 04, 2019
Commission Number: 14391200

KANSAS CITY POWER & LIGHT COMPANY
2016 Net Metering Annual Report
Pursuant to Kansas Administrative Rules:
Article 17 - NET METERING
K.A.R. 82-17-4 - Reporting Requirements

	(A)	(B)	(C)	(D)	(E)	(F)	(F)	(F)	(F)
Customer Type	Type of Generation Resource	Zip Code of Net Metered Facility	Date of Interconnection*	Excess kWh Expired at March 31, 2016**	Generator Size (kW)	Number and Type of Meters	Model	# Wire	Volts
Residential	PHOTOVOLTAIC	66067	3/5/2008	N/A	2	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66062	2/3/2009	N/A	2	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66085	2/27/2009	N/A	3.26	1- Bi-Directional	2840	3	120/240
Commercial	PHOTOVOLTAIC	66211	11/5/2009	N/A	5	1- Bi-Directional	7821	4	MULTI
Residential	WIND	66076	3/1/2010	N/A	2.4	1- Bi-Directional	2240	3	120/240
Residential	WIND	66076	3/1/2010	N/A	1.8	1- Bi-Directional	2240	3	120/240
Commercial	WIND	66076	6/2/2010	N/A	2.4	1- Bi-Directional	6421	3	MULTI
Residential	PHOTOVOLTAIC	66203	8/9/2010	N/A	1.5	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66207	9/24/2010	N/A	0.68	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66214	9/30/2010	N/A	3.08	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66203	11/29/2010	N/A	1.9	1- Bi-Directional	2848	3	120/240
Commercial	PHOTOVOLTAIC	66006	12/7/2010	N/A	17.94	1- Bi-Directional	6421	3	MULTI
Residential	PHOTOVOLTAIC	66212	1/19/2011	N/A	1.47	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66213	4/25/2011	N/A	2.44	1- Bi-Directional	2848	3	120/240
Residential	WIND	66021	5/19/2011	N/A	3.7	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66079	6/8/2011	N/A	5.64	1- Bi-Directional	6421	3	MULTI
Residential	PHOTOVOLTAIC	66206	9/8/2011	238	3.68	1- Bi-Directional	2848	3	120/240
Commercial	PHOTOVOLTAIC	66083	10/19/2011	N/A	4.4	1- Bi-Directional	2848	3	120/240
Commercial	PHOTOVOLTAIC	66062	11/1/2011	N/A	10.96	1- Bi-Directional	6821	3	MULTI
Residential	PHOTOVOLTAIC	66062	12/8/2011	N/A	3.5	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66064	12/22/2011	N/A	3.5	1- Bi-Directional	2240	3	120/240
Commercial	WIND	66071	1/5/2012	N/A	10	1- Bi-Directional	7428	4	MULTI
Residential	PHOTOVOLTAIC	66206	2/14/2012	N/A	3.5	1- Bi-Directional	2248	3	240/240
Commercial	PHOTOVOLTAIC	66214	3/29/2012	N/A	22.4	1- Bi-Directional	7821	4	MULTI
Residential	WIND	66210	4/19/2012	N/A	2	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66202	4/27/2012	N/A	0.9	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66071	7/31/2012	N/A	11	1- Bi-Directional	2240	3	120/240
Commercial	WIND	66210	8/31/2012	N/A	9.68	1- Bi-Directional	7821	4	MULTI
Commercial	PHOTOVOLTAIC	66208	9/18/2012	N/A	24.25	1- Bi-Directional	2840	3	120/240
Commercial	PHOTOVOLTAIC	66215	12/18/2012	N/A	100	1- Bi-Directional	7821	4	MULTI
Commercial	PHOTOVOLTAIC	66215	2/20/2013	N/A	7.14	1- Bi-Directional	2840	3	120/240
Commercial	PHOTOVOLTAIC	66210	7/5/2013	N/A	19	1- Bi-Directional	7821	4	MULTI
Commercial	PHOTOVOLTAIC	66092	8/20/2013	N/A	14.19	1- Bi-Directional	2620	3	120/240
Residential	PHOTOVOLTAIC	66006	10/3/2013	N/A	3.67	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66040	11/1/2013	N/A	2.3	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66061	11/5/2013	N/A	2.08	1- Bi-Directional	2848	3	120/240
Commercial	PHOTOVOLTAIC	66061	12/11/2013	10,490	37.1	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66213	12/12/2013	762	8.39	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66202	12/19/2013	N/A	3	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66205	12/19/2013	N/A	8.5	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66025	1/27/2014	N/A	10	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66006	2/11/2014	3,853	11	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66209	3/7/2014	N/A	6.5	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66205	5/29/2014	N/A	5	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66085	5/30/2014	N/A	1.08	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66208	5/30/2014	N/A	10	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66216	5/30/2014	N/A	7.28	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66085	6/6/2014	N/A	0.25	1- Bi-Directional	2848	3	120/240

	(A)	(B)	(C)	(D)	(E)	(F)	(F)	(F)	(F)
Customer Type	Type of Generation Resource	Zip Code of Net Metered Facility	Date of Interconnection*	Excess kWh Expired at March 31, 2016**	Generator Size (kW)	Number and Type of Meters	Model	# Wire	Volts
Residential	PHOTOVOLTAIC	66061	6/20/2014	1,184	8.32	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66202	7/25/2014	N/A	1.96	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66013	8/22/2014	N/A	4.16	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66203	10/1/2014	N/A	5.67	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66206	11/5/2014	N/A	6.21	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66212	12/5/2014	N/A	2.5	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66092	12/8/2014	N/A	15	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66767	12/15/2014	N/A	10	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66085	2/25/2015	N/A	14.56	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66205	2/26/2015	N/A	4.75	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66071	4/20/2015	N/A	3.4	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66451	4/20/2015	N/A	7	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66213	4/24/2015	N/A	8	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66092	6/3/2015	N/A	10	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66206	6/3/2015	N/A	4	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66212	6/8/2015	N/A	13	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66220	6/18/2015	N/A	9	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66053	6/22/2015	N/A	7.68	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66207	7/10/2015	N/A	4	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66083	7/14/2015	N/A	7	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66205	7/25/2015	N/A	5	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66053	8/5/2015	N/A	5.25	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66030	8/19/2015	N/A	1.5	1- Bi-Directional	2848	3	MULTI
Residential	PHOTOVOLTAIC	66216	9/3/2015	N/A	4	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66006	9/8/2015	N/A	14.79	1- Bi-Directional	2240	3	120/240
Commercial	PHOTOVOLTAIC	66006	9/8/2015	N/A	11.48	1- Bi-Directional	2620	3	120/240
Residential	PHOTOVOLTAIC	66524	9/9/2015	N/A	6.12	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66221	9/10/2015	N/A	7.02	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66071	9/18/2015	N/A	6	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66062	9/21/2015	N/A	5.59	1- Bi-Directional	2848	3	MULTI
Residential	PHOTOVOLTAIC	66212	10/8/2015	N/A	3.8	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66021	10/26/2015	N/A	3	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66203	11/3/2015	N/A	1.12	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66214	11/3/2015	N/A	5	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66216	11/3/2015	N/A	6	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66031	11/20/2015	N/A	8.8	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66036	12/10/2015	N/A	8.2	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66083	12/10/2015	N/A	14.82	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66215	12/10/2015	N/A	3.38	1- Bi-Directional	2848	3	MULTI
Residential	PHOTOVOLTAIC	66227	12/22/2015	N/A	10	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66013	12/23/2015	N/A	13.6	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66062	1/11/2016	N/A	3	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66083	1/12/2016	N/A	5	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66062	1/15/2016	N/A	2.86	1- Bi-Directional	2848	3	120/240
Commercial	PHOTOVOLTAIC	66062	1/20/2016	N/A	21	1- Bi-Directional	7821	4	MULTI
Residential	PHOTOVOLTAIC	66053	2/2/2016	N/A	15	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66071	2/2/2016	N/A	19.35	1- Bi-Directional	2240	3	120/240

	(A)	(B)	(C)	(D)	(E)	(F)	(F)	(F)	(F)
Customer Type	Type of Generation Resource	Zip Code of Net Metered Facility	Date of Interconnection*	Excess kWh Expired at March 31, 2016**	Generator Size (kW)	Number and Type of Meters	Model	# Wire	Volts
Residential	PHOTOVOLTAIC	66528	2/9/2016	N/A	8	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66062	3/9/2016	N/A	24.92	1- Bi-Directional	6821	3	MULTI
Residential	PHOTOVOLTAIC	66214	3/11/2016	N/A	4	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66062	3/14/2016	N/A	12	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66207	3/23/2016	N/A	6.16	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66071	4/14/2016	N/A	12	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66021	4/25/2016	N/A	7.7	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66216	4/25/2016	N/A	3.64	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66215	4/26/2016	N/A	12	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66083	5/2/2016	N/A	7	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66071	5/9/2016	N/A	11	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66053	5/25/2016	N/A	13.7	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66062	6/14/2016	N/A	13.6	1- Bi-Directional	6821	3	MULTI
Residential	PHOTOVOLTAIC	66085	6/15/2016	N/A	10	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66030	6/16/2016	N/A	6.05	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66071	7/29/2016	N/A	10	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66064	8/8/2016	N/A	5	1- Bi-Directional	2240	3	120/240
Commercial	PHOTOVOLTAIC	66210	8/10/2016	N/A	99.9	1- Bi-Directional	7821	4	MULTI
Residential	PHOTOVOLTAIC	66042	8/19/2016	N/A	7	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66071	8/29/2016	N/A	10.26	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66209	8/31/2016	N/A	13.48	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66071	9/12/2016	N/A	7.6	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66219	9/12/2016	N/A	6.03	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66083	9/13/2016	N/A	10.08	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66071	9/21/2016	N/A	6.48	1- Bi-Directional	2620	3	120/240
Residential	PHOTOVOLTAIC	66216	9/26/2016	N/A	4.76	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66056	9/29/2016	N/A	9.88	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66223	10/6/2016	N/A	5.8	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66061	10/19/2016	N/A	14.82	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66079	10/21/2016	N/A	6	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66204	10/25/2016	N/A	10.88	1- Bi-Directional	2840	3	120/240
Residential	PHOTOVOLTAIC	66202	11/4/2016	N/A	4.64	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66013	11/14/2016	N/A	11.52	1- Bi-Directional	2240	3	120/240
Residential	PHOTOVOLTAIC	66207	11/17/2016	N/A	7	1- Bi-Directional	2848	3	120/240
Residential	PHOTOVOLTAIC	66212	11/23/2016	N/A	8.84	1- Bi-Directional	2848	3	MULTI
Residential	PHOTOVOLTAIC	66067	12/13/2016	N/A	8.32	1- Bi-Directional	2240	3	120/240

1200.41

Total rated net metered generating capacity (kWh) for all net metered facilities connected with KCP&L's system in Kansas as of December 31, 2016

***Note:** While the rule requires listing of all net metered facilities connected during the prior calendar year only, KCP&L is providing all net metered facilities with an interconnection date prior to December 31, 2016. The yellow highlight entries are interconnections in 2016. Facilities interconnected prior to the March 9, 2011 effective date of KCP&L's net metering tariff were connected under KCP&L's existing parallel generation tariff and converted to the net metering tariff at the request of the customer.

****Note:** 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, 2015, and set to expire on December 31, 2014 are considered valid through March 31, 2016 and will be reported with the 2016 Annual Net Metering Report. Also, note that while the HB 2101 modified the annual expiration date, and KCP&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."

*****Note:** The five accounts shown interconnected in December 2015 were inadvertently omitted from the annual report filed March 1, 2016."

RULE EXCERPT:

82-17-4. Reporting requirements.

- (a) Each utility shall annually 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) type of generation resource in operation;
 - (B) zip code of the net metered facility;
 - (C) first year of interconnection;
 - (D) any excess kilowatt-hours that expired at the end of the prior calendar year;
 - (E) generator size; and
 - (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.

**KANSAS CITY POWER & LIGHT COMPANY
 2016 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 2016 Peak

1700 MW

Month	State	Maximum		
		Date	Hour	MW
Jan	KS	1/19/2016	18	1118
Feb	KS	2/8/2016	19	1071
Mar	KS	3/2/2016	8	958
Apr	KS	4/24/2016	18	830
May	KS	5/25/2016	18	1062
Jun	KS	6/22/2016	18	1627
Jul	KS	7/21/2016	17	1634
Aug	KS	8/11/2016	18	1700
Sep	KS	9/20/2016	17	1476
Oct	KS	10/17/2016	17	1194
Nov	KS	11/29/2016	19	959
Dec	KS	12/19/2016	8	1233