

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

Received on

NOV 01 2013

by  
State Corporation Commission  
of Kansas

In the Matter of Annual Compliance )  
Filings by Electric Utilities for the )  
Kansas Generation Planning Survey, )  
Pursuant to K.S.A. 2011 Supp. 66-1282, )  
And As Required by Commission order )  
In Docket No. 99-GIME-321-GIE. )

Docket No. 13-GIME-256-CPL

**KANSAS CITY POWER & LIGHT COMPANY'S  
ANNUAL COMPLIANCE FILING FOR  
THE KANSAS ELECTRIC GENERATION PLANNING SURVEY**

COMES NOW Kansas City Power & Light Company ("KCP&L" or "Company") and submits its annual compliance filing, as required by the Order of the State Corporation Commission of the State of Kansas ("Commission") issued in this docket on October 25, 2012 ("Order").

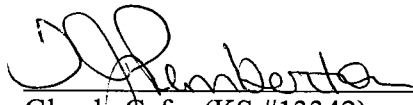
1. The Commission's Order accepts Staff's Report and Recommendation regarding the process and information to be gathered by Staff in its annual Kansas Generation Planning Survey, for use in the Commission's report to the legislature made pursuant to K.S.A. 66-2203. The Kansas Generation Planning Survey spreadsheet includes information KCP&L has previously submitted to Staff as part of its annual reporting.<sup>1</sup>

2. The Order requires updated spreadsheets to be filed by November 1, 2012 and each November 1 thereafter. KCP&L hereby submits its spreadsheets for the November 1, 2013 compliance filing as required by the Commission's Order.

<sup>1</sup> Staff's Report and Recommendation attached to the Commission's Order, p. 4.

Respectfully submitted,

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

Docket No. 13-GIME-266-CPL

Kansas City Power & Light  
Forecasted System Generation Needs (Kansas)

	Historical			Projected																						
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033		
<b>1) Firm Wholesale MWh Sales</b>																										
(Company Name)																										
Sales for resale																										
(unidentified)																										
Kansas Electric Power Coop	75,428	70,874	28,129	9,931	10,350	10,476	10,604	10,728	10,845	10,957	11,067	11,174	11,277	11,378	11,477	11,578	11,674	11,770	11,866	11,963	12,058	12,154	12,250	12,345		
City of Pomona, KS	8,223	8,154	7,989																							
City of Prescott, KS	2,068	2,060	2,017																							
<b>Total Firm Wholesale MWh Sales</b>	<b>85,739</b>	<b>81,108</b>	<b>38,134</b>	<b>9,931</b>	<b>10,350</b>	<b>10,476</b>	<b>10,604</b>	<b>10,728</b>	<b>10,845</b>	<b>10,957</b>	<b>11,067</b>	<b>11,174</b>	<b>11,277</b>	<b>11,378</b>	<b>11,477</b>	<b>11,578</b>	<b>11,674</b>	<b>11,770</b>	<b>11,866</b>	<b>11,963</b>	<b>12,058</b>	<b>12,154</b>	<b>12,250</b>	<b>12,345</b>		
<b>2) Firm Wholesale MWh Purchases</b>																										
Total Firm Wholesale MWh Purchases																										
-																										
<b>3) Native Load</b>																										
Total Annual Retail Electricity Sales																										
	6,568,997	6,461,775	6,331,034	6,247,278	6,261,520	6,292,963	6,338,178	6,369,269	6,396,748	6,427,877	6,464,290	6,503,701	6,545,127	6,586,465	6,628,979	6,666,573	6,705,966	6,747,444	6,792,993	6,839,518	6,888,456	6,937,428	6,986,637	7,036,797		
Plus: Total Firm MWh Sales	85,739	81,108	38,134	9,931	10,350	10,476	10,604	10,728	10,845	10,957	11,067	11,174	11,277	11,378	11,477	11,578	11,674	11,770	11,866	11,963	12,058	12,154	12,250	12,345		
Less: Total Firm MWh Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Native Load</b>	<b>6,674,736</b>	<b>6,542,883</b>	<b>6,369,168</b>	<b>6,257,209</b>	<b>6,271,870</b>	<b>6,303,460</b>	<b>6,348,782</b>	<b>6,379,997</b>	<b>6,407,593</b>	<b>6,438,833</b>	<b>6,475,356</b>	<b>6,514,874</b>	<b>6,556,404</b>	<b>6,597,843</b>	<b>6,640,456</b>	<b>6,684,149</b>	<b>6,727,840</b>	<b>6,772,514</b>	<b>6,818,259</b>	<b>6,865,081</b>	<b>6,912,999</b>	<b>6,961,912</b>	<b>7,011,820</b>	<b>7,062,715</b>		
<i>system load growth</i>	0.01%	-1.98%	-2.66%	-7.76%	0.23%	0.50%	0.72%	0.49%	0.43%	0.49%	0.37%	0.61%	0.64%	0.63%	0.65%	0.31%	0.69%	0.62%	0.67%	0.69%	0.72%	0.71%	0.71%	0.72%		
<b>4) Owned MWh Generation</b>																										
(Plant/Unit Name)																										
Hawthorn 5	1,848,251	1,609,709	1,598,927	1,616,747	1,495,375	1,624,762	1,545,656	1,659,495	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830	1,552,830
Itan 1	1,553,911	1,070,937	1,811,093	1,399,294	1,572,847	1,355,671	1,561,847	1,430,735	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	1,464,071	
Itan 2	424,363	1,274,733	1,570,771	1,375,909	1,353,534	1,601,625	1,479,678	1,638,662	1,512,679	1,512,679	1,512,679	1,512,679	1,512,679	1,512,679	1,512,679	1,512,679	1,512,679	1,512,679	1,512,679	1,512,679	1,512,679	1,512,679	1,512,679	1,512,679		
LaCygne 1	945,841	947,754	868,598	789,538	798,925	693,396	874,379	928,999	812,665	812,665	812,665	812,665	812,665	812,665	812,665	812,665	812,665	812,665	812,665	812,665	812,665	812,665	812,665	812,665		
LaCygne 2	987,337	903,150	1,033,859	754,484	837,404	1,081,893	1,034,487	990,499	986,700	986,700	986,700	986,700	986,700	986,700	986,700	986,700	986,700	986,700	986,700	986,700	986,700	986,700	986,700	986,700		
Montrose 1	434,862	356,243	278,238	315,639	204,961	200,929	202,941	207,152	207,719	207,719	207,719	207,719	207,719	207,719	207,719	207,719	207,719	207,719	207,719	207,719	207,719	207,719	207,719	207,719		
Montrose 2	485,200	311,928	248,750	356,062	149,333	156,594	163,083	146,377	184,304	184,304	184,304	184,304	184,304	184,304	184,304	184,304	184,304	184,304	184,304	184,304	184,304	184,304	184,304	184,304		
Montrose 3	450,061	448,998	240,313	416,661	337,103	325,730	347,611	344,408	338,552	338,552	338,552	338,552	338,552	338,552	338,552	338,552	338,552	338,552	338,552	338,552	338,552	338,552	338,552	338,552		
Hawthorn 6&9	94,897	92,295	86,051	85,733	33,399	39,192	43,616	52,083	54,771	54,771	54,771	54,771	54,771	54,771	54,771	54,771	54,771	54,771	54,771	54,771	54,771	54,771	54,771	54,771		
Hawthorn 7	1,287	28	1,841	279	5,119	8,337	6,423	7,816	8,797	8,797	8,797	8,797	8,797	8,797	8,797	8,797	8,797	8,797	8,797	8,797	8,797	8,797	8,797	8,797		
Hawthorn 8	1,604	659	2,462	423	1,578	2,159	2,108	2,599	3,526	3,526	3,526	3,526	3,526	3,526	3,526	3,526	3,526	3,526	3,526	3,526	3,526	3,526	3,526	3,526		
Oswatimonia 1	831	3,182	4,593	165	2,619	3,237	4,001	4,021	5,821	5,821	5,821	5,821	5,821	5,821	5,821	5,821	5,821	5,821	5,821	5,821	5,821	5,821	5,821	5,821		
West Gardner 1	7,728	5,717	6,781	2,903	3,689	5,468	5,521	6,349	7,851	7,851	7,851	7,851	7,851	7,851	7,851	7,851	7,851	7,851	7,851	7,851	7,851	7,851	7,851	7,851		
West Gardner 2	8,101	5,473	6,094	2,606	3,370	4,671	4,625	5,286	6,892	6,892	6,892	6,892	6,892	6,892	6,892	6,892	6,892	6,892	6,892	6,892	6,892	6,892	6,892	6,892		
West Gardner 3	8,753	4,840	6,625	1,857	2,855	4,332	4,152	4,619	6,644	6,644	6,644	6,644	6,644	6,644	6,644	6,644	6,644	6,644	6,644	6,644	6,644	6,644	6,644	6,644		
West Gardner 4	8,072	2,504	2,470	1,518	2,937	3,992	4,553	4,841	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847		
Northeast CTs (11-18)	(524)	(816)	(747)	(37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Spearsville 1	152,884	159,888	115,539	135,767	156,122	156,137	155,758	158,011	155,408	155,408	155,408	155,408	155,408	155,408	155,408	155,408	155,408	155,408	155,408	155,408	155,408	155,408	155,408	155,408		
Spearsville 2	3,879	80,825	60,558	70,244	71,784	71,791	71,817	71,273	71,454	71,454	71,454	71,454	71,454	71,454	71,454	71,454	71,454	71,454	71,454	71,454	71,454	71,454	71,454	71,454		
Wolf Creek 1 (Nuclear)	1,924,042	1,469,555	1,656,309	1,489,834	1,740,624	1,889,212	1,889,457	2,122,075	1,906,713	1,906,713	1,906,713	1,906,713	1,906,713	1,906,713	1,906,713	1,906,713	1,906,713	1,906,713	1,906,713	1,906,713	1,906,713	1,906,713	1,906,713	1,906,713		
<b>Total Annual MWh Generation from Owned Assets</b>	<b>9,100,981</b>	<b>8,645,578</b>	<b>8,400,203</b>	<b>8,769,633</b>	<b>8,772,772</b>	<b>9,207,127</b>	<b>9,421,713</b>	<b>9,762,910</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>	<b>9,294,240</b>		

Docket No. 13-GIME-256-CPL

Kansas City Power & Light  
Forecasted System Capacity Responsibility (Kansas)

	Historical				Projected																				
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
<b>1) System Peak:</b>																									
Total Kansas Retail System Peak (Gross)	1,666	1,735	1,695	1,529	1,594	1,602	1,613	1,619	1,624	1,630	1,637	1,646	1,655	1,664	1,674	1,683	1,693	1,703	1,714	1,725	1,737	1,748	1,759	1,771	
Coincident Peak	1,622	1,737	1,695	1,545																					
Plus: Wholesale Contracts (Company Name)																									
Sales for Resale (Gross)	20	19	3	4	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	
<b>Total System Peak (Kansas)</b>	1,686	1,754	1,698	1,533	1,603	1,612	1,623	1,629	1,634	1,640	1,647	1,656	1,665	1,674	1,684	1,693	1,703	1,713	1,724	1,735	1,747	1,758	1,769	1,782	
<i>system peak load growth</i>	3.31%	4.04%	-3.20%	-9.72%	4.58%	0.52%	0.68%	0.37%	0.31%	0.37%	0.44%	0.53%	0.55%	0.54%	0.60%	0.53%	0.61%	0.58%	0.65%	0.64%	0.70%	0.63%	0.63%	0.70%	
<b>2) Less: Interruptibles</b>	41	62	60	50	46	42	42	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
Less: Energy Efficiency	19	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	
<b>Total Interruptible Load</b>	60	91	91	81	77	73	73	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	
<b>3) System Capacity Responsibility</b>																									
Total System Peak	1,686	1,754	1,698	1,533	1,603	1,612	1,623	1,629	1,634	1,640	1,647	1,656	1,665	1,674	1,684	1,693	1,703	1,713	1,724	1,735	1,747	1,758	1,769	1,782	
Less: Total Interruptible Load	60	91	91	81	77	73	73	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	
<b>Total Load Obligation</b>	1,626	1,663	1,607	1,452	1,527	1,538	1,549	1,558	1,563	1,569	1,576	1,585	1,594	1,603	1,613	1,622	1,632	1,642	1,653	1,664	1,677	1,687	1,698	1,711	
Plus: SPP Required 12% Reserves	222	227	219	198	208	210	211	212	213	214	215	216	217	219	220	221	223	224	225	227	229	230	232	233	
<b>Total System Capacity Responsibility</b>	1,847	1,890	1,826	1,650	1,735	1,748	1,761	1,770	1,776	1,783	1,791	1,801	1,811	1,822	1,833	1,843	1,855	1,866	1,879	1,891	1,905	1,918	1,930	1,944	

Docket No. 13-GIME-256-CPL Public Version																								
Kansas City Power & Light Forecasted System Capacity (Kansas)																								
	Historical										Projected													
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
<b>1) Accredited Generation:</b>																								
(Plant/Unit Name)																								
Wolf Creek	245	250	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248
Iatan I	222	225	223	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226
Iatan II	-	220	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218
Hawthorn 5	253	257	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255
Hawthorn 6 & 9	119	106	105	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103
Hawthorn 7	34	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Hawthorn 8	34	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
La Cygne 1	165	168	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166
La Cygne 2	153	157	155	154	154	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149
Montrose 1	76	78	77	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78
Montrose 2	74	75	74	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
Montrose 3	79	80	80	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81
Northeast 11	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Northeast 12	23	23	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Northeast 13	23	23	23	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
Northeast 14	24	24	24	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
Northeast 15	23	23	23	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Northeast 16	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Northeast 17	24	25	25	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Northeast 18	25	26	25	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Northeast Black Start Generator	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
West Gardner Comb Turb 1	35	35	35	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
West Gardner Comb Turb 2	35	36	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
West Gardner Comb Turb 3	35	35	35	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
West Gardner Comb Turb 4	35	35	35	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Oswatomie Comb Turb 1	34	34	34	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Spearville I	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Spearville II	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>Total Accredited Generation</b>	<b>1,816</b>	<b>2,053</b>	<b>2,038</b>	<b>2,027</b>	<b>2,027</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>
<b>2) Capacity Additions</b>																								
(Unit/Project Name)																								
<b>Total Capacity Additions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>4) Capacity Purchases:</b>																								
(Company Name)																								
**																								
**																								
**																								
Wind PPA - Cimarron II (Duke Energy)			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind PPA - Spearville 3 (enXco Development)			-	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
CNP/PIID-Hydro			-	-	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
<b>Total Capacity Purchases</b>	<b>64</b>	<b>16</b>	<b>21</b>	<b>31</b>	<b>52</b>	<b>52</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	
<b>5) Capacity Sales:</b>																								
(Company Name)																								
**																								
**																								
**																								
**																								
<b>Total Capacity Sales</b>	<b>63</b>	<b>24</b>	<b>43</b>	<b>63</b>	<b>27</b>	<b>27</b>	<b>27</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>6) System Capacity</b>																								
Total Accredited Generation	1,816	2,053	2,038	2,027	2,027	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021
Plus: Capacity Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Accredited Generation</b>	<b>1,816</b>	<b>2,053</b>	<b>2,038</b>	<b>2,027</b>	<b>2,027</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>	<b>2,021</b>
Plus: Capacity Purchases	64	16	21	31	52	52	36	36	36	36	36	36	36	36	9	9	9	9	9	9	9	9	9	9
Less: Capacity Sales	(63)	(24)	(43)	(63)	(27)	(27)	(27)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	0	0	0	0	0	0	0	0	0	0
<b>Total System Capacity</b>	<b>1,817</b>	<b>2,045</b>	<b>2,015</b>	<b>1,994</b>	<b>2,052</b>	<b>2,047</b>	<b>2,031</b>	<b>2,051</b>	<b>2,051</b>	<b>2,051</b>	<b>2,051</b>	<b>2,051</b>	<b>2,051</b>	<b>2,051</b>	<b>2,058</b>	<b>2,030</b>	<b>2,030</b>	<b>2,030</b>	<b>2,030</b>	<b>2,030</b>	<b>2,030</b>	<b>2,030</b>	<b>2,030</b>	<b>2,030</b>
Confidential Information Designated as **																								

Docket No. 13-GIME-256-CPL

Kansas City Power & Light  
Forecasted Renewable Capacity

	Historical		Projected																					
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
<b>1) Existing Kansas Renewable Capacity:</b> (Plant/Unit Name)																								
Nameplate Capacity																								
Spearsville 1	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
Spearsville 2	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
Cimarron II Wind PPA		131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1
Spearsville 3 Wind PPA		100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8
<b>Total Kansas Renewable Capacity</b>	<b>148.5</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>
<b>2) Existing Out-of-State Renewable Capacity</b> (Plant/Unit Name)																								
CNPPID-Hydro PPA (see Note 1)				61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
<b>Total Existing Out-of-State Renewable Capacity</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>
<b>3) Kansas-based Renewable Capacity Additions</b> (Plant/Unit Name)																								
Unidentified - No commitments have been made at this time							50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Unidentified - No commitments have been made at this time										150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Unidentified - No commitments have been made at this time														200	200	200	200	200	200	200	200	200	200	200
<b>Total Kansas-based Renewable Capacity Additions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>
<b>4) Out-of-State Renewable Capacity Additions</b> (Plant/Unit Name)																								
<b>Total Out-of-State Renewable Capacity Additions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>5) Renewable Capacity Required for Other Jurisdictions</b> (State or Jurisdiction)																								
Missouri (Minimum needed to meet MO Requirements)	48.1	54.9	43.7	115.5	116.1	117.2	117.7	236.6	238.2	240.3	362.4	365.2	368.2	372.0	374.5	377.9	381.5	388.0	388.8	392.7	396.7	401.5	401.5	401.5
Capacity Allocated to Missouri for RES Compliance (See MO Requirements tab and Note 2 below)	218.6	218.6	218.6	218.6	218.6	247.3	247.3	247.3	247.3	333.5	333.5	333.5	333.5	448.4	448.4	448.4	448.4	448.4	448.4	448.4	448.4	448.4	448.4	448.4
<b>Total Renewable Capacity Required for Other Jurisdictions</b>	<b>48.1</b>	<b>218.6</b>	<b>218.6</b>	<b>218.6</b>	<b>218.6</b>	<b>247.3</b>	<b>247.3</b>	<b>247.3</b>	<b>247.3</b>	<b>333.5</b>	<b>333.5</b>	<b>333.5</b>	<b>333.5</b>	<b>448.4</b>	<b>448.4</b>	<b>448.4</b>	<b>448.4</b>	<b>448.4</b>	<b>448.4</b>	<b>448.4</b>	<b>448.4</b>	<b>448.4</b>	<b>448.4</b>	<b>448.4</b>
<b>6) In-State Renewable Capacity per RES Act</b>																								
Total Existing Kansas Renewable Capacity	148.5	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4	380.4
Plus: Kansas-based Renewable Capacity Additions	0	0	0	0	0	50	50	50	50	200	200	200	200	400	400	400	400	400	400	400	400	400	400	400
<b>Total In-State Renewable Capacity</b>	<b>148.5</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>380.4</b>	<b>430.4</b>	<b>430.4</b>	<b>430.4</b>	<b>430.4</b>	<b>580.4</b>	<b>580.4</b>	<b>580.4</b>	<b>580.4</b>	<b>780.4</b>	<b>780.4</b>	<b>780.4</b>	<b>780.4</b>	<b>780.4</b>	<b>780.4</b>	<b>780.4</b>	<b>780.4</b>	<b>780.4</b>	<b>780.4</b>	<b>780.4</b>
Plus: 1.10 Multiplier per RES Act (see Note 3)	14.9	16.2	16.2	16.2	16.2	18.3	18.3	19.3	18.3	24.7	24.7	24.7	24.7	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
<b>Total In-State Renewable Capacity per RES Act</b>	<b>163.4</b>	<b>396.6</b>	<b>396.6</b>	<b>396.6</b>	<b>396.6</b>	<b>448.7</b>	<b>448.7</b>	<b>448.7</b>	<b>448.7</b>	<b>605.1</b>	<b>605.1</b>	<b>605.1</b>	<b>605.1</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>
<b>7) Renewable Capacity Available for RES Act Compliance</b>																								
Total In-state Renewable Capacity per RES Act	163.4	396.6	396.6	396.6	396.6	448.7	448.7	448.7	448.7	605.1	605.1	605.1	605.1	813.6	813.6	813.6	813.6	813.6	813.6	813.6	813.6	813.6	813.6	813.6
Plus: Existing Out-of-State Renewable Capacity	0	0	0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	0	0	0	0	0	0	0	0	0	0	0
Plus: Out-of-State Renewable Capacity Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Renewable Capacity per RES Act</b>	<b>163.4</b>	<b>396.6</b>	<b>396.6</b>	<b>458.1</b>	<b>458.1</b>	<b>510.3</b>	<b>510.3</b>	<b>510.3</b>	<b>510.3</b>	<b>666.6</b>	<b>666.6</b>	<b>666.6</b>	<b>666.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>	<b>813.6</b>
Less: Renewable Capacity Required for Other Jurisdictions	(48.1)	(218.6)	(218.6)	(218.6)	(218.6)	(247.3)	(247.3)	(247.3)	(247.3)	(333.5)	(333.5)	(333.5)	(333.5)	(448.4)	(448.4)	(448.4)	(448.4)	(448.4)	(448.4)	(448.4)	(448.4)	(448.4)	(448.4)	(448.4)
<b>Total Renewable Capacity Available for RES Act Compliance</b>	<b>115.3</b>	<b>178.0</b>	<b>178.0</b>	<b>239.5</b>	<b>239.5</b>	<b>262.9</b>	<b>262.9</b>	<b>262.9</b>	<b>262.9</b>	<b>333.1</b>	<b>333.1</b>	<b>333.1</b>	<b>333.1</b>	<b>365.1</b>	<b>365.1</b>	<b>365.1</b>	<b>365.1</b>	<b>365.1</b>	<b>365.1</b>	<b>365.1</b>	<b>365.1</b>	<b>365.1</b>	<b>365.1</b>	<b>365.1</b>

Note 1: This is the accredited capacity.  
 Note 2: The Missouri capacity shown in Row 38 is the minimum capacity needed to meet Missouri RES requirements. The Missouri capacity shown in Row 39 is the capacity allocated to the Missouri jurisdiction using an energy allocator.  
 Note 3: The 1.1 multiplier is applied after the jurisdictional allocation to Missouri.

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Kansas City Power & Light  
Forecasted RES Act Compliance

	Historical		Projected																					
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
<b>1) Renewable Capacity Requirement</b>																								
Total Kansas Retail System Peak	1,735	1,695	1,529	1,594	1,602	1,613	1,619	1,624	1,630	1,637	1,646	1,655	1,664	1,674	1,683	1,693	1,703	1,714	1,725	1,737	1,748	1,759	1,771	
***RES Act Requirement	0.10	0.10	0.10	0.10	0.10	0.15	0.15	0.15	0.15	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
<b>Renewable Capacity Requirement</b>	173.5	169.5	152.9	159.4	160.2	242.0	242.9	243.6	244.5	327.4	329.2	331.0	332.8	334.8	336.6	338.6	340.6	342.8	345.0	347.4	349.6	351.8	354.2	
3-year average	1,636	1,672	1,699	1,653	1,606	1,575	1,603	1,611	1,619	1,624	1,630	1,638	1,646	1,655	1,664	1,674	1,683	1,693	1,703	1,714	1,725	1,737	1,748	
<b>Renewable Capacity Requirement</b>	163.6	167.2	169.9	165.3	160.6	236.3	240.5	241.7	242.8	324.9	326.1	327.5	329.2	331.0	332.9	334.7	336.7	338.6	340.7	342.8	345.1	347.3	349.6	
<b>2) Forecasted RES Act Compliance</b>																								
Renewable Capacity Requirement	163.6	167.2	169.9	165.3	160.6	236.3	240.5	241.7	242.8	324.9	326.1	327.5	329.2	331.0	332.9	334.7	336.7	338.6	340.7	342.8	345.1	347.3	349.6	
Total Renewable Capacity Available for RES Act Compliance	115.3	178.0	178.0	239.5	239.5	262.9	262.9	262.9	262.9	333.1	333.1	333.1	333.1	365.1	365.1	365.1	365.1	365.1	365.1	365.1	365.1	365.1	365.1	
<b>Renewable Capacity Surplus (Deficit)</b>	(48.3)	10.8	8.1	74.2	78.9	26.7	22.5	21.2	20.1	8.2	7.0	5.6	3.9	34.1	32.3	30.4	28.5	26.5	24.5	22.3	20.1	17.8	15.5	
Plus: Capacity from Net Metering Customers	0.11	0.15	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	
Plus: Renewable Capacity from Renewable Energy Credits Purchased	24.2																							
Less: Renewable Capacity from Renewable Energy Credits Sold																								
Plus: Banked pursuant to the RES Standards	2009 2010	21.7 48.6																						
<b>Total Forecasted Renewable Capacity Surplus (Deficit)</b>	48.2	11.0	8.4	74.5	79.2	27.0	22.8	21.5	20.4	8.6	7.4	5.9	4.2	34.5	32.6	30.7	28.8	26.9	24.6	22.7	20.4	18.1	15.9	

Docket No. 13-GIME-256-CPL							
Kansas City Power & Light Company							
Forecasted Missouri Renewable Energy Requirements							
KCPL_MO	YEAR	RETAIL ENERGY	TARGET	Minimum Requirement		MW	
		MWH	%	MWHs	Conversion to MW using Wind CF	Total	MO Jurisdictional Share
					44.3%	Nameplate Capacity	Based on Energy Allocation
<b>NON-SOLAR</b>	2008	8,777,481	0.00%				
	2009	8,459,213	0.00%				
	2010	8,877,996	0.00%				
	2011	8,747,836	1.96%	171,458	45	148.5	85.1
	2012	8,580,716	1.96%	168,182	55	380.4	218.6
	2013	8,650,579	1.96%	169,551	44	380.4	218.6
	2014	9,138,398	4.90%	447,782	115	380.4	218.6
	2015	9,185,138	4.90%	450,072	116	380.4	218.6
	2016	9,278,144	4.90%	454,629	117	430.4	247.3
	2017	9,312,087	4.90%	456,292	118	430.4	247.3
	2018	9,364,168	9.80%	917,688	237	430.4	247.3
	2019	9,425,635	9.80%	923,712	238	430.4	247.3
	2020	9,509,773	9.80%	931,958	240	580.4	333.5
	2021	9,561,423	14.70%	1,405,529	362	580.4	333.5
	2022	9,635,222	14.70%	1,416,378	365	580.4	333.5
	2023	9,712,830	14.70%	1,427,786	368	580.4	333.5
	2024	9,814,622	14.70%	1,442,749	372	780.4	448.4
	2025	9,879,853	14.70%	1,452,338	375	780.4	448.4
	2026	9,969,926	14.70%	1,465,579	378	780.4	448.4
	2027	10,064,894	14.70%	1,479,539	382	780.4	448.4
2028	10,182,539	14.70%	1,496,833	386	780.4	448.4	
2029	10,258,214	14.70%	1,507,957	389	780.4	448.4	
2030	10,360,260	14.70%	1,522,958	393	780.4	448.4	
2031	10,464,743	14.70%	1,538,317	397	780.4	448.4	
2032	10,592,438	14.70%	1,557,088	402	780.4	448.4	
2033	10,672,763	14.70%	1,568,896	405	780.4	448.4	



Docket No. 13-GIME-256-CPL

**Kansas City Power & Light Company**  
**Kansas Net Metering Installed as of September 30, 2013**

Rate	Cycle	Read Date	Bill Date	Type-State	Statement Date	DEL KWH	REC KWH	STATE	City	County	Capacity (kWh)	Resid/Comm & Ind	Type
2MGSE	1	8/28	8/30	NET METERING - KS	9/9/2013	8,320	400	KS	nocitytax,ks	Douglas, KS	17.94	Comm&Ind	PV
2RS6A	1	8/29	9/3	NET METERING - KS	9/13/2013	565	167	KS	lenexa,ks	Johnson Co, KS	4	Resid	PV
2LGAE	2	8/29	9/3	NET METERING - KS	9/6/2013	55,840	80	KS	lenexa,ks	Johnson Co, KS	100	Comm&Ind	PV
2RS1A	5	9/4	9/6	NET METERING - KS	9/13/2013	1,441	193	KS	nocitytax,mo	Johnson Co, KS	3.26	Resid	PV
2RW6A	8	9/9	9/11	NET METERING - KS	9/18/2013	2,472	3	KS	nocitytax, ks	Miami, KS	3.5	Resid	PV
2RS1A	8	9/9	9/11	NET METERING - KS	9/17/2013	520	0	KS	nocitytax,ks	Franklin, KS	1.8	Resid	WIND
2MGSE	8	9/9	9/11	NET METERING - KS	9/18/2013	9,280	0	KS	nocitytax, ks	Franklin, KS	2.4	Comm&Ind	WIND
2RS1A	9	9/10	9/12	NET METERING - KS	9/20/2013	889	1	KS	nocitytax, ks	Franklin, KS	2.4	Resid	WIND
2SGHE	9	9/10	9/12	NET METERING - KS	9/20/2013	1,463	12	KS	nocitytax, ks	Miami, KS	10	Comm&Ind	WIND
2RS2A	9	9/10	9/12	NET METERING - KS	9/20/2013	1,206	56	KS	leawood	Johnson Co, KS	3.5	Resid	PV
2SGSE	10	8/28	8/30	NET METERING - KS	9/11/2013	4,880	0	KS	overland park, ks	Johnson Co, KS	9.68	Comm&Ind	WIND
2LGAE	11	9/12	9/16	NET METERING - KS	9/17/2013	75,840	0	KS	overland park, ks	Johnson Co, KS	19	Comm&Ind	PV
2MGSE	11	9/12	9/16	NET METERING - KS	9/17/2013	37,120	0	KS	overland park, ks	Johnson Co, KS	5	Comm&Ind	PV
2RW6A	12	9/13	9/17	NET METERING - KS	9/23/2013	2,544	41	KS	nocitytax, ks	Franklin, KS	5.64	Resid	PV
2SGSE	12	9/13	9/17	NET METERING - KS	9/17/2013	3,600	120	KS	olathe, ks	Johnson Co, KS	10.96	Comm&Ind	PV
2RS1A	12	9/13	9/17	NET METERING - KS	9/17/2013	784	0	KS	overland park, ks	Johnson Co, KS	1.47	Resid	PV
2RS1A	13	9/16	9/18	NET METERING - KS	9/24/2013	1,398	37	KS	overland park, ks	Johnson Co, KS	3.08	Resid	PV
2SGSE	13	9/16	9/18	NET METERING - KS	9/23/2013	47,890	0	KS	Wellsville	Franklin, KS	14.19	Comm&Ind	PV
2RS1A	13	9/16	9/18	NET METERING - KS	9/24/2013	1,018	55	KS	overland park, ks	Johnson Co, KS	2	Resid	WIND
2RS1A	15	9/18	9/20	NET METERING - KS	9/24/2013	664	30	KS	mission,KS	Johnson Co, KS	0.9	Resid	PV
2SGSE	15	9/18	9/20	NET METERING - KS	9/25/2013	700	89	KS	overland park, ks	Johnson Co, KS	4.4	Comm&Ind	PV
2RW6A	15	9/18	9/20	NET METERING - KS	9/26/2013	1,519	798	KS	nocitytax,ks	Miami, KS	11	Resid	PV
2RW6A	16	9/19	9/23	NET METERING - KS	9/24/2013	1,192	17	KS	overland park, ks	Johnson Co, KS	2	Resid	PV
2RW6A	16	9/19	9/23	NET METERING - KS	9/25/2013	286	350	KS	overland park, ks	Johnson Co, KS	3.5	Resid	PV
2SGSE	16	9/19	9/23	NET METERING - KS	9/26/2013	3,793	39	KS	lenexa,ks	Johnson Co, KS	7.14	Comm&Ind	PV
2SGSE	17	9/20	9/24	NET METERING - KS	10/1/2013	1,210	1254	KS	prairievil, ks	Johnson Co, KS	24.25	Comm&Ind	PV
2RS1A	17	9/20	9/24	NET METERING - KS	9/25/2013	1,183	72	KS	overland park, ks	Johnson Co, KS	2.44	Resid	PV
2RS1A	17	9/20	9/24	NET METERING - KS	9/25/2013	181	272	KS	leawood, ks	Johnson Co, KS	3.68	Resid	PV
2RS1A	18	9/23	9/25	NET METERING - KS	9/25/2013	1,347	3	KS	prairievil, ks	Johnson Co, KS	0.675	Resid	PV
2RW6A	18	9/23	9/25	NET METERING - KS	9/25/2013	697	58	KS	nocitytax,ks	Franklin, KS	2	Resid	PV
2RW6A	18	9/23	9/25	NET METERING - KS	9/30/2013	5,828	0	KS	nocitytax,ks	Johnson Co, KS	3.7	Resid	WIND
2RS1A	19	9/24	9/26	NET METERING - KS	9/30/2013	1,351	21	KS	merriam, ks	Johnson Co, KS	1.5	Resid	PV
2RS1A	20	9/25	9/27	NET METERING - KS	9/30/2013	497	192	KS	merriam, ks	Johnson Co, KS	1.9	Resid	PV
2LGSE	21	9/26	9/30	NET METERING - KS	10/3/2013	66,600	0	KS	overland park, ks	Johnson Co, KS	22.4	Comm&Ind	PV

<b>Net Metering Installed kW as of 9/30/2013</b>	<b>311.305</b>
<b>MW</b>	<b>0.3113</b>

VERIFICATION

STATE OF MISSOURI     )  
  ) ss  
COUNTY OF JACKSON    )

The undersigned, Mary Britt Turner, upon oath first duly sworn, states that she is the Director, 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.

Mary Britt Turner  
Mary Britt Turner  
Director, Regulatory Affairs  
Kansas City Power & Light Company

Subscribed and sworn to before me this 1<sup>st</sup> day of November, 2013.

Carla Lomax  
Notary public  
CARLA LOMAX  
Notary Public - Notary Seal  
State of Missouri  
Commissioned for Clay County  
My Commission Expires: April 06, 2015  
Commission Number: 11169285

My commission expires:

April 6, 2015

Kansas City Power & Light Company

Docket No.: 13-GIME-256-CPL

Date: October 31, 2013

**CONFIDENTIAL  
INFORMATION**

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The following information is provided to the Kansas Corporation Commission under CONFIDENTIAL SEAL:

ANNUAL COMPLIANCE FILING FOR THE KANSAS ELECTRIC GENERATION PLANNING SURVEY	
Page	Reason for Confidentiality from List Below
Attachment 3, Section 4 Capacity Purchases	2, 5
Attachment 3, Section 5 Capacity Sales	2, 5

Rationale for the "confidential" designation is documented below:

- "1" Confidential financial information/ budget projections.
- "2" Contract terms or specifics, or contract information that could be used by existing or future vendors to the disadvantage of KCP&L.
- "3" Sensitive information that could impact pending or threatened litigation.
- "4" Advice of counsel or other paid experts, advisors or consultants.
- "5" Trade Secret or Commercially Sensitive.
- "6" Other (specify) \_\_\_\_\_.

Should any party challenge KCP&L's assertion of confidentiality with respect to the above information, KCP&L reserves the right to supplement the rationale contained herein with additional factual or legal information.