

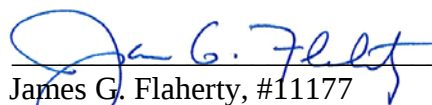
BEFORE THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS

In the Matter of Annual Compliance Filings by)
Electric Utilities for the Kansas Generation)
Planning Survey, Pursuant to K.S.A. 2011 Supp.) Docket No. 13-GIME-256-CPL
66-1282, and as Required by Commission Order)
in Docket No. 99-GIME-321-GIE)

**ANNUAL COMPLIANCE FILING OF
THE EMPIRE DISTRICT ELECTRIC COMPANY
FOR THE KANSAS GENERATION PLANNING SURVEY**

COMES NOW The Empire District Electric Company ("Empire") and submits its annual compliance filing as required by the Order of the Kansas Corporation Commission ("Commission") issued in this docket on October 25, 2012 ("Order").

1. Pursuant to the Order, Empire is filing an updated spreadsheet providing the information ordered in Docket No. 99-GIME-321-GIE and the information required in K.S.A. 66-1282. Empire is also filing a narrative explanation of its wholesale transactions. Empire designates portions of the information contained in the attachments as ***confidential*** on the grounds that said information has not been released to the public and is considered by Empire to be private technical, financial and business information.



James G. Flaherty, #11177

ANDERSON & BYRD, LLP

216 S. Hickory, P. O. Box 17

Ottawa, Kansas 66067

(785) 242-1234, telephone

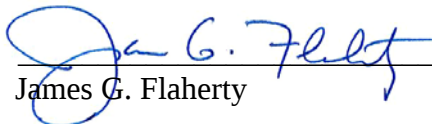
(785) 242-1279, facsimile

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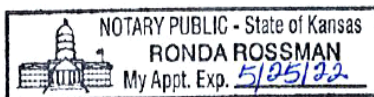
Attorneys for The Empire District Electric Company

STATE OF KANSAS, FRANKLIN COUNTY, ss:

James G. Flaherty, of lawful age, being first duly sworn deposes and says that he is attorney for The Empire District Electric Company; that he has read the above and foregoing Annual Compliance Filing of The Empire District Electric Company for the Kansas Generation Planning Survey; and the statements therein contained are true.


James G. Flaherty

SUBSCRIBED AND SWORN to before me this 1st day of November, 2018.





Notary Public

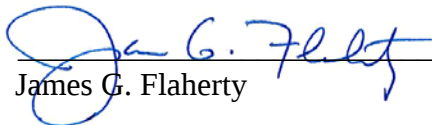
Appointment/Commission Expires:

CERTIFICATE OF SERVICE

I, the undersigned, hereby certify that a true and correct copy of the above and foregoing Annual Compliance Filing of The Empire District Electric Company for the Kansas Generation Planning Survey was served by electronic service on this 1st day of November, 2018, to the following parties.

Amber Smith, a.smith@kcc.ks.gov
Litigation Counsel
Kansas Corporation Commission
1500 S. W. Arrowhead Road
Topeka, Kansas 66604

Leo M. Haynos, l.haynos@kcc.ks.gov
Utilities Division
Kansas Corporation Commission
1500 S. W. Arrowhead Road
Topeka, Kansas 66604


James G. Flaherty

EMPIRE DISTRICT ELECTRIC COMPANY Forecasted System Generation Needs																															
4.521%				Historical										Projected																	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 (1)	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037				
1) Firm Wholesale MWh Sales																															
City of Chetopa, KS	15,277	15,001	15,109	14,442	12,276	10,318	9,627																								
Chetopa + Luskas	16,356	16,061	16,177	15,462	13,143	11,047	10,307																								
Total Firm Wholesale MWh Sales	16,356	16,061	16,177	15,462	13,143	11,047	10,307																								
				0.72%	-4.42%	-15.00%	-15.95%	-8.70%																							
2) Firm Wholesale MWh Purchases																															
WRI Jeffrey (PPA)	NA	NA	NA	NA	NA	NA	NA																								
Elk River PPA	564,744	506,889	413,800	567,076	509,347	507,686	467,279																								
Meridian Way PPA	264,300	227,087	173,242	354,748	315,146	316,736	334,179																								
Plum Point - (PPA)	137,248	231,450	270,425	246,939	276,550	325,473	246,205																								
Kansas Retail WRI Jeffrey (PPA)																															
Kansas Retail Elk River PPA	25,529	22,914	18,706	25,635	23,025	22,950	21,123																								
Kansas Retail Meridian Way PPA	11,950	10,265	7,831	16,038	14,246	14,318	15,107																								
Kansas Retail Plum Point - (PPA)	6,204	10,463	12,225	11,298	12,501	14,713	11,130																								
Total Firm Wholesale MWh Purchases	1,010,036	1,009,068	896,229	1,224,733	1,150,816	1,201,876	1,095,023																								
3) Native Load																															
Kansas Annual Retail Electricity Sales	244,089	226,121	231,664	233,213	226,817	221,513	219,420																								
Kansas Annual Retail Native Load	262,038	242,749	248,700	250,363	243,497	237,802	235,556																								
Plus: Total Firm MWh Sales	16,356	16,061	16,177	15,462	13,143	11,047	10,307																								
Less: Total Firm MWh Purchases	1,010,036	1,009,068	896,229	1,224,733	1,150,816	1,201,876	1,095,023																								
Native Load	(731,642)	(750,256)	(651,352)	(958,907)	(894,176)	(953,026)	(849,160)																								
system load growth	-27.50%	2.54%	-15.85%	51.88%	-6.75%	6.58%	-10.90%																								
4) Owned MWh Generation																															
Ashbury	1,137,768	1,136,075	1,264,616	1,060,478	1,079,076	1,112,499	987,317																								
Itan	404,782	507,044	495,212	550,724	429,633	584,453	486,208																								
Itan 2	613,286	749,952	732,491	550,161	692,297	672,369	815,254																								
Plum Point - (Own)	154,846	252,316	256,501	250,540	279,447	311,055	238,489																								
Riverton 7	82,589	-	-	-	-	-	-																								
Riverton 8	186,005	102,990	-	-	-	-	-																								
Riverton 9	186	241	-	117	-	-	-																								
Riverton 10	225	292	-	100	-	-	-																								
Riverton 11	133	172	501	86	(2,265)	557	547																								
Riverton 12	126,642	167,559	68,268	121,165	106,847	722,130	1,019,832																								
Energy Center 1	368	2,235	4,981	2,114	7,776	9,344	13,565																								
Energy Center 2	3,502	2,235	6,803	4,187	3,792	6,205	39,812																								
Energy Center 3	23,581	27,559	13,675	49,994	51,764	37,355	88,171																								
Energy Center 4	20,020	23,204	10,581	55,895	29,967	41,425	79,323																								
State Line 1	9,770	8,295	1,249	12,962	18,633	8,959	37,884																								
State Line Combined Cycle	1,086,095	904,711	1,233,939	1,062,251	1,096,386	1,261,755	2,412,791																								
Ozark Beach	46,898	61,704	57,449	60,652	41,927	57,153	33,844																								
Kansas Retail Ashbury	51,433	51,356	57,167	47,939	48,780	50,291	44,632																								
Kansas Retail Itan	16,298	22,921	22,366	24,895	19,422	26,420	21,979																								
Kansas Retail Itan 2	27,723	33,903	33,112	24,870	31,295	30,394	36,854																								
Kansas Retail Plum Point - (Own)	7,000	11,406	11,595	11,326	12,632	14,061	10,781																								
Kansas Retail Riverton 7	3,733	-	-	-	-	-	-																								
Kansas Retail Riverton 8	8,408	4,656	-	-	-	-	-																								
Kansas Retail Riverton 9	8	11	-	5	-	-	-																								
Kansas Retail Riverton 10	10	13	-	5	-	-	26																								
Kansas Retail Riverton 11	6	8	23	4	(102)	25	25																								
Kansas Retail Riverton 12	5,725	7,575	3,086	5,477	4,830	32,644	46,106																								
Kansas Retail Energy Center 1	17	101	225	96	352	422	613																								
Kansas Retail Energy Center 2	158	101	308	199	171	280	1,800																								
Kansas Retail Energy Center 3	1,066	1,246	627	2,260	2,340	1,689	3,986																								
Kansas Retail Energy Center 4	905	1,049	478	2,527	1,356	1,873	3,586																								
Kansas Retail State Line 1	442	375	56	586	842	405	1,717																								
Kansas Retail State Line Combined Cycle	49,639	40,897	55,780	49,375	49,562	57,038	109,070																								
Kansas Retail Ozark Beach	2,210	2,789	2,597	2,742	1,895	2,584	1,530																								
Total Annual MWh Generation from Owned Assets - Kansas	176,782	178,407	187,441	172,296	173,375	218,126	282,703																								
Total Annual MWh Generation from Owned Assets - Total Company	3,910,675	3,946,624	4,146,467	3,811,426	3,635,300	4,825,259	6,253,809																								

Notes:
2018 is based on 9+3
Excludes non-contract purchases since it does not fit into a category
2019-2024 is based on preliminary budget
2025 forward is based on an assumed capacity factor
Generation is for sale into Southwest Power Pool's Integrated Marketplace
Riverton unit 12 conversion to combined cycle complete for commercial operation May of 2016

(1) On October 17, 2018, the Company filed a notice of change in its Preferred Plan as established in its 2016 Integrated Resource Plan on file with the Missouri Public Service Commission. As a result of this change in Preferred Plan, Entire will be acquiring 600 MW of wind as of January 2021.

		EMPIRE DISTRICT ELECTRIC COMPANY																										
		Forecasted System Capacity Responsibility																										
		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	2034	2035	2036	2037
1)	System Peak:	1,198	1,142	1,080	1,162	1,149	1,022	1,027																				
	4.774% Total Kansas Retail System Peak	64.10	61.00	55.30	55.47	54.85	48.79	49.03																				
	Plus: Wholesale Contracts																											
	City of Chetopa, Kansas	3.80	3.50	3.10	3.20	2.80	2.80	2.80																				
	Total System Peak	67.90	64.50	58.40	58.67	57.65	51.59	51.83																				
system peak load growth		-1.74%	-5.01%	-9.46%	0.47%	-1.74%	-10.52%	0.46%																				
2)	Interruptibles	10.6	10.7	8.4	8.4	8.4	8.4	8.4																				
	Total Kansas Retail System Int	0.506	0.511	0.401	0.401	0.401	0.401	0.401																				
	Total Interruptible Load	0.51	0.51	0.40	0.40	0.40	0.40	0.40																				
3)	System Capacity Responsibility																											
	Total System Peak	67.90	64.50	58.40	58.67	57.65	51.59	51.83																				
	Less: Total Interruptible Load	(0.51)	(0.51)	(0.40)	(0.40)	(0.40)	(0.40)	(0.40)																				
	Total Load Obligation	67.39	63.99	58.00	58.27	57.25	51.19	51.43																				
	Plus: SPP Required 12% Reserves	9.19	8.73	7.91	7.95	7.81	6.98	7.01																				
	Total System Capacity Responsibility	76.58	72.71	65.91	66.22	65.06	58.17	58.44																				

EMPIRE DISTRICT ELECTRIC COMPANY
Forecasted System Capacity

	Historical							Forecasted System Capacity																			Projected						
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2031	2032	2033	2034	2035	2036	2037					
1) Accredited Generation:																																	
Asbury	207	207	203	189	194	194	194																										
Iatan	85	85	85	85	85	85	85																										
Iatan 2	102	102	102	105	105	105	105																										
Plum Point - (Own)	50	50	50	50	50	50	50																										
Riverton 7	38	38	38	38	0	0	0																										
Riverton 8	54	54	54	54	0	0	0																										
Riverton 9	12	12	12	12	0	0	0																										
Riverton 10	16	16	16	16	16	16	16																										
Riverton 11	16	17	17	17	17	17	17																										
Riverton 12	147	142	142	142	142	250	250																										
Energy Center 1	82	82	82	82	82	82	82																										
Energy Center 2	82	82	82	82	82	82	82																										
Energy Center 3	49	49	49	49	49	49	49																										
Energy Center 4	49	49	49	49	49	49	49																										
State Line 1	94	94	94	94	94	94	94																										
State Line Combined Cycle	299	297	297	297	297	297	297																										
Ozark Beach	16	16	16	16	16	16	16																										
Kansas Retail Asbury	9.88	9.88	9.69	9.02	9.26	9.26	9.26																										
Kansas Retail Iatan	4.06	4.06	4.06	4.06	4.06	4.06	4.06																										
Kansas Retail Iatan 2	4.87	4.87	4.87	5.01	5.01	5.01	5.01																										
Kansas Retail Plum Point - (Own)	2.39	2.39	2.39	2.39	2.39	2.39	2.39																										
Kansas Retail Riverton 7	1.81	1.81	1.81	1.81	-	-	-																										
Kansas Retail Riverton 8	2.58	2.58	2.58	2.58	-	-	-																										
Kansas Retail Riverton 9	0.57	0.57	0.57	0.57	-	-	-																										
Kansas Retail Riverton 10	0.76	0.76	0.76	0.76	0.76	0.76	0.76																										
Kansas Retail Riverton 11	0.76	0.81	0.81	0.81	0.81	0.81	0.81																										
Kansas Retail Riverton 12	7.02	6.78	6.78	6.78	6.78	6.78	11.93	11.93																									
Kansas Retail Energy Center 1	3.91	3.91	3.91	3.91	3.91	3.91	3.91																										
Kansas Retail Energy Center 2	3.91	3.91	3.91	3.91	3.91	3.91	3.91																										
Kansas Retail Energy Center 3	2.34	2.34	2.34	2.34	2.34	2.34	2.34																										
Kansas Retail Energy Center 4	2.34	2.34	2.34	2.34	2.34	2.34	2.34																										
Kansas Retail State Line 1	4.49	4.49	4.49	4.49	4.49	4.49	4.49																										
Kansas Retail State Line Combined Cycle	14.27	14.18	14.18	14.18	14.18	14.18	14.18																										
Kansas Retail Ozark Beach	0.76	0.76	0.76	0.76	0.76	0.76	0.76																										
Total Accredited Generation	1398	1392	1388	1377	1278	1366	1386																										
Kansas Retail Accredited Generation	66.74	66.45	66.26	65.74	61.01	66.17	66.17																										

EMPIRE DISTRICT ELECTRIC COMPANY

Forecasted Renewable Capacity

Total Renewable Capacity Available for RES Act Compliance

Historical							Forecasted Renewable Capacity																Projected									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037						
150	150	150	150	150	150	150																										
105	105	105	105	105	105	105																										
7.16	7.16	7.16	7.16	7.16	7.16	7.16																										
5.01	5.01	5.01	5.01	5.01	5.01	5.01																										
12.17	12.17	12.17	12.17	12.17	12.17	12.17																										
255	255	255	255	255	255	255																										
16	16	16	16	16	16	16																										
0.76	0.76	0.76	0.76	0.76	0.76	0.76																										
0.76	0.76	0.76	0.76	0.76	0.76	0.76																										
0	0	0	0	0	0	0																										
0	0	0	0	0	0	0																										
24.3	23.6	23.9	60.8	59.5	58.9	60.8																										
24.29	23.59	23.95	60.80	59.49	58.93	60.78																										
1.16	1.13	1.14	2.90	2.84	2.81	2.90																										
12.17	12.17	12.17	12.17	12.17	12.17	12.17																										
0	0	0	0	0	0	0																										
12.17	12.17	12.17	12.17	12.17	12.17	12.17																										
1.22	1.22	1.22	1.22	1.22	1.22	1.22																										
13.39	13.39	13.39	13.39	13.39	13.39	13.39																										
13.39	13.39	13.39	13.39	13.39	13.39	13.39																										
0.76	0.76	0.76	0.76	0.76	0.76	0.76																										
14.15	14.15	14.15	14.15	14.15	14.15	14.15																										
(1.16)	(1.13)	(1.14)	(2.90)	(2.84)	(2.81)	(2.90)																										
13.00	13.03	13.01	11.25	11.31	11.34	11.25																										

EMPIRE DISTRICT ELECTRIC COMPANY
Forecasted RES Act Compliance

1) **Renewable Capacity Requirement**
Total Kansas Retail System Peak:
***RES Act Requirement
Renewable Capacity Requirement

[illegible]

Plus: Capacity from Net Metering Customers
Plus: Renewable Capacity from Renewable Energy Credits Purchased
Less: Renewable Capacity from Renewable Energy Credits Sold

Total Forecasted Renewable Capacity Surplus (Deficit)

Explanation of the Kansas On-system wholesale transaction

Empire serves the City of Chetopa, Kansas as an on-system wholesale customer. A ten year unbundled full-requirement contract has been signed with each of the on-system wholesale customers that Empire serves, where the generation component utilizes a generation formula rate that is updated annually.

[illegible]