## BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS

Received on

NOV 0 1 2013

In the Matter of Annual Compliance Filings by Electric Utilities for the Kansas Generation	)	State Corporation Commission of Kansas
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

iflaherty@andersonbyrd.com

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, 2013.



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 1<sup>st</sup> day of November, 2013, to the following parties who have waived receipt of follow-up hard copies.

Michael J. Wegner, m.wegner@kcc.ks.gov Utilities Division Kansas Corporation Commission 1500 S. W. Arrowhead Road Topeka, Kansas 66604

James G. Plahe

# by State Corporation Commission of Kansas

Received on ONCV 0 12013

<b>T</b>	Total Annual MWN Generation from Owned Assests - Kansas Total Annual MWN Generation from Owned Assests - Total Company	General Robal Mahary General Robal Mahary General Robal Mahary General Robal Mahary General Robal Robal General Robal Robal General Robal Gene	Allow BWM Generation was y was y was 2 Name 2 Name 2 Name 3 Name	Nettwe Load	Plus: Total Frm MHY) Salas Less. Total Frm MYY) Purchasee	Mathe Load     Manage Annual Retail Eachnity Sales     Kansas Annual Retail Native Load     Kansas Annual Retail Native Load	Total Firm Wholesale MWh Purchases	Kamasa Rebal WRI Jeffley (PPA)  Kamasa Rebal Dir Reye PPA  Kamasa Rebal Serban Way IPPA  Kamasa Rebal Plum Pont - (PPA)	2) Fan Whalesale MMN Purchases Will John y Park Ek Rouer IPPA Menden Wir IPPA Punn Pont - (PPA)	Chy of Chiedga, KS Checon + Losses Total Firm Wholesale MWh Bales	4.597%	
Heliczel Alsonic 4,444%	Owned Assetts - Kontae 150, 268 151, 608 125,555 177, 165 180 125,555 177, 165 180 180,577 180,077 180	24.257 24.266 68.200 69.21 52.257 22.257 22.258 22.258 22.257 22.258 22.257 22.258 22.257 22.258 22.257 22.258 22.258 22.257 22.258 22.258 22.257 22.258 22.257 22.258 22.257 22.258 22.257 22.258 22.258 22.257 22.257 22.258 22.257 22.258 22.257 22.258 22.257 22.257 22.257 22.257 22.257 22.257 22.	881 DR3 1 146 GAS 1 4 24 20 7 7 8 26 20 7 7 7 8 2 20 20 20 20 20 20 20 20 20 20 20 20 2	percent change (1.635 639) (1.641 625) (1.506 605) (1.506 605) (1.556 605) (1.556 605) (1.556 605) (1.556 605)	14,448 15,327 15,244 16,052 16,366 16,061 1,766,117 1,946,827 1,261,463 1,011,227 1,010,256	249,744 244,955 272,886 244,889 244,089 266,110 262,968 249,175 254,428 260,038	- 1/86/18 1/96/197 1/86/027 1/86/02 1/87/02 1/00/28	29119 201-96 41-022 11877 27365 28275 22.535 22.535 23.535	1799.78 1.084.04 977.72 40.954 NA		Apple   1975   2008   2009   Method and   2011   2012   2013   2014   2015	· Consequent and the second and the
											8 2029 2030 2031 2032	

Historical Afocator 4.644%

Note:

2013 a mend or 9-3.

2013 a mend or 9-3.

2014 (2014) a traced or phenomy budge case not fill of the schappery

2014-2014 to based on phenomy budge case of the schappery

2019 forward a factor of the control o

HIGHLY CONFIDENTIAL

#### EMPIRE DISTRICT ELECTRIC COMPANY Forecasted System Capacity Responsibility

										rorecasu	ed System (	Capacity Re	esponsibi⊪i	У													
			_	Histo													Proje	ected									
		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	1 2022 1
1)	System Peak:	1,173	1,152	1,085	1,199	1,198	1,142			•		•		•									2020	TOLO	2000	2001	2002
5.015	5% Total Kansas Retail System Peak	61.80	58.80	70.80	65.60	64.10	61.00																				
	_																										
	Plus: Wholesale Contracts																										- 1
	City of Chetopa, Kansas	3.40	3.60	3.50	3.50	3.80	3.50																				1
	Total System Peak	65 20	62 40	74 30	69 10	67 90	64 50																				
	system peak load growth		-4.29%	19.07%	-7.00%	-1.74%	-5.01%																				
	, , ,						0.0770																				- 1
2)	Interruptibles	7.6	7.6	0	7.6	10.6	10.7																				i i
	Total Kansas Retail System Int	0.381	0.381		0.381	0.532	0.537																				
	Total Manager Colonia System in	0.001	0.551		0.561	0.002	0.337																				
	Total Interruptible Load	0.38	0.38		0.38	0.53	0.54																				
		0.00	0 00		0.00	033	0.04																				1
3)	System Capacity Responsibility						- 1																				1
٠,	Total System Peak	65.20	62.40	74.30	69.10	67.90																					
	Less: Total Interruptible Load	(0.38)		74.30			64.50																				
			(0 38)		(0.38)	(0.53)	(0 54)																				
	Total Load Obligation	64.82	62.02	74.30	68.72	67.37	63.96																				- 1
	Di 000 D						i																				i
	Plus: SPP Required 12% Reserves	8.84	8.46	10.13	9.37	9.19	8.72																				- 1
	T-1-10-11-0 11-0 11-0																										- 1
	Total System Capacity Responsibility	73 66	70 48	84 43	78 09	76 55	72 69		-		-	-		-		-	-	-	-	-	-	-					

\*\*\*\*\*\*

#### EMPIRE DISTRICT ELECTRIC COMPANY Forecasted System Capacity

									EMI	IRE DIST		ECTRIC :		IY																	
	1 .		Historic			- 1					-		-					Pro	pjected												
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	3   2	017	2018	2019	2020	)   2	2021	2022	2023	202	4   21	725 I	2026	f 2021	7   202	8	2029 I	2030	2031	I 2031	. 1
1) Accredited Generation:															•	•				•	,					- 1		,		,	•
Asbury latan	210	210 78	210 80	207	207	207																									
leten 2	78 0	/o	0	85	85 102	85 102																									
Plum Point - (Own)	ŏ	ŏ	ŏ	50	50	50																									
Rwerton 7	38	38	38	38	38	38																									
Riverton 6	54	54	54	54	54	54																									
Riverton 9	12	12	12	12	12	12																									
Riverton 10	16	16	16	16	16	16																									
Riverton 11 Riverton 12	16	16	16	15	16	17																									
Energy Center 1	155 88	150 85	150 85	150	147	142																									
Energy Center 2	85	84	84	85 84	82 82	82 82																									
Energy Center 3	50	50	50	49	49	49																									
Energy Center 4	50	50	50	49	49	49																									
State Line 1	89	96	96	96	94	94																									
State Line Combined Cycle	300	300	300	300	299	297																									
Ozark Beach	16	16	16	16	18	16																									
Kansas Retail Asbury	10.53	10.53	10.53	10.38	10.38	10.38																									
Kanses Retail latan	3.91	3.91	4.01	4.28	4.28	4.26																									
Kanses Reteil laten 2	-	-			5.12	5.12																									
Kansas Retail Plum Point - (Own)				2.51	2.51	2.51																									
Kansas Retail Riverton 7	1.91	1.91	1.91	1.91	1.91	1.91																									
Kanses Retail Riverton 8 Kanses Retail Riverton 9	2.71	2.71	2.71	2.71	2.71	2.71																									
Kansas Retail Riverton 10	0.60 0.80	0.80 0.80	0.60	0.60	0.60	0.60																									
Kansus Retail Riverton 11	0.80	0.80	0.80	0.80	0.80 0.80	0.80																									
Kansas Retail Riverton 12	7.77	7.52	7.52	7.52	7.37	7.12																									
Kansas Retail Energy Center 1	4.31	4.26	4.26	4.26	4.11	4.11																									
Kanasa Retail Energy Center 2	4.26	4.21	4.21	4.21	4.11	4.11																									
Kanssa Retail Energy Center 3	2.51	2.51	2.51	2.46	2.48	2.48																									
Kansas Retail Energy Center 4 Kansas Retail State Line 1	2.51	2.51	2.51	2.46	2.48	2.48																									
Kansas Retail State Line Combined Cycle	4.46 15.05	4.81 15.05	4.81 15.05	4.81 15.05	4.71	4.71																									
Kansas Retail Ozark Beach	0.80	0.60	0.80	0.80	15.00 0.80	14.90																									
	•			0.00	0.00	ا ت																									
Total Accredited Generation	1255	1255	1257	1307	1398	1392																									
Kansas Retail Accredited Generation	62 94	62 94	63 04	65 55	70 11	69 81																									
2) Capacity Additions						1																									
2) Cepechy Additions						- 1																									
Total Capacity Additions			-		<del></del>																										
4) Capacity Purchases:						- 1																									
WRI Jeffrey Plum Point PPA	162	162	182	.0	0	_0																									
Elk River PPA		7	7	50 7	50 7	50																									
Mendian Way PPA		,	,	á		<b>'</b> l																									
Mernil Lynch PPA				41	ŏ	ă																									
Kansas Retail WRI Jeffrey	8.12	8.12	8.12		•	-																									
Kenses Retail Plum Point PPA				2.51	2.51	2.51																									
Kansas Retail Elk River PPA Kansas Retail Meridian Way PPA	:	0.35	0.35	0.35	0.35	0.35																									
Kansas Retail Memil Lynch PPA		•		0.40 2.06	0.40	0.40																									
Tanka real month cyron r A		•	•	2.00	•	٠, ١																									
						- 1																									
Kansas Capacity Purchases	8 12	8 48	8 48	5 32	3 26	3 26																									
et e																															
5) Capacity Sales: Total Company Sale																															
Kansas portion sales		50 2.51																													
		2.01																													
Total Capacity Sales	0	2 51	0	0	0	0																									
						_																									
6) System Capacity																															
Kansas Accredited Generation Plus: Cepecity Additions	82 94	62.94	83.04	65.55	70.11	69 81																									
Total Accredited Generation	62.94	62.94	63.04	65.55	70.11	69.81																									
	02.84	02.84	03.04	00.05	ru.11	09.81																									

Plus: Capacity Purchases Less: Capacity Sales Total System Capacity 8 12 8 48 8 48 5 32 3 26 3 26 (2 51) 71 07 68 91 71 52 70 86 73 37 73 07

#### EMPIRE DISTRICT ELECTRIC COMPANY Forecasted Renewable Capacity

						Forecas	ted Renev	wable Capac	ity													
	Historica 2011   2	al 2012	2013	2014 I	1 2015	1 2016	I 2047	2018	1 2040	1 2020	2021		Projected									_
1) Existing Kansas Renewable Capacity:	2011	20,12	2013	2014 1	2015	2010	1 2017	1 2016	1 2019	2020	2021	202	2 2023	3 2024	2025	2026	2027	2028	2029	2030	2031	2032
Elk River	150	150																				
Meridian Way Kansas Retail Elk River	105 7.52	105 7.52																				
Kansas Retail Mendian Way	5.27	7.52 5.27																				
	02.	J.27																				
Total Kansas Renewable Capacity		12 79																				
Total Company Renewable Capacity	255	255																				
2) Existing Out-of-State Renewable Capacity	ŀ																					
Ozark Beach Hydro	16	16																				
Kansas Retail Ozark Beach Hydro	0.80	0.80																				
Total Existing Out-of-State Renewable Capacity	0.80	0.80																				
3) Kansas-based Renewable Capacity Additions		l																				
(Plant/Unit Name)		- 1																				
Total Kansas-based Renewable Capacity Additions	0	0																				
4) Out-of-State Renewable Capacity Additions		- 1																				
(Plant/Unit Name)		- 1																				
<b>- -</b>																						
Total Out-of-State Renewable Capacity Additions	0	0																				
5) Renewable Capacity Required for Other Jurisdictions																						
(State or Jurisdiction) MO	23.5	22.8																				
Total Renewable Capacity Required for Other Jurisdictions		22 78																				
Kansas Retail Total Renewable Capacity Required for Other Jurisdictions 6) In-State Renewable Capacity per RES Act	1.18	1.14																				
Total Existing Kansas Renewable Capacity	12.79	12.79																				
Plus: Kansas-based Renewable Capacity Additions	0	0																				
Total In-state Renewable Capacity	12.79	12.79																				
Plus: 1.10 Multiplier per RES Act	1.28	1.28																				
The managed por the or not	1.20	1.20																				
Total In-State Renewable Capacity per RES Act	14 07	14 07																				
7) Renewable Capacity Availlable for RES Act Compliance																						
Total In-state Renewable Capacity per RES Act	14.07	14 07																				
Plus: Existing Out-of-State Renewable Capacity	0.80	0.80																				
Plus: Out-of-State Renewable Capacity Additions																						
Total Renewable Capacity per RES Act	14.87	14.87																				
Less: Renewable Capacity Required for Other Jurisdictions	(1, 18)	(1.14)																				
		. 1																				
Total Renewable Capacity Available for RES Act Compliance	13 69	13 73																				

#### EMPIRE DISTRICT ELECTRIC COMPANY

							Forecas	sted RES A	ct Compila														
				torical	l .									Projected									
	2008	2009 201	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
1) Renewable Capacity Requirement												•					٠					2001	1001
Total Kansas Retail System Peak:	58.80 70	80   65.60			l																		
RES Act Requirement			0.																				
Renewable Capacity Requirement			6 51	6 68																			
					1																		
2) Forecasted RES Act Compliance				1																			
Renewable Capacity Requirement			8 51	6.68																			
Total Renewable Capacity Availiable for RES Act Compliance			13 69	13 73																			
Renewable Capacity Surplus (Deficit)			7.19	7.04	1																		
				i																			
Plus: Capacity from Net Metering Customers				1																			
Plus: Renewable Capacity from Renewable Energy Credits Purchased																							
Less: Renewable Capacity from Renewable Energy Credits Sold				ļ																			
					ļ																		
Total Forecasted Renewable Capacity Surplus (Deficit)			7 10	7.04	ī																		

Explanation of the Kansas On-system wholesale transaction

Empire serves the City of Chetopa, Kansas as an on-system wholesale customer. A new ten year unbundled full-requirement contract has recently 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.

#### HIGHLY CONFIDENTIAL

	**MO Compliance	MW Calc	Est.	MO Retail Sales
2011 2012		23.5 22.8	2.0%	4,142,916 4,023,549
2012	80,471	22.8	2.0%	4,023,549

Wind Assumed CF

 Elk River
 150
 59%
 0.435
 0.256

 Meridian Way
 105
 41%
 0.358
 0.147

Law Offices of

### ANDERSON & BYRD

A Limited Liability Partnership

JOHN L. RICHESON JAMES G. FLAHERTY R. SCOTT RYBURN KEITH A. BROCK 216 S. HICKORY, P. O. BOX 17 OTTAWA, KANSAS 66067 (785) 242-1234, Telephone (785) 242-1279, Facsimile www.andersonbyrd.com ROBERT A. ANDERSON (1920-1994) RICHARD C. BYRD (1920-2008)

November 1, 2013

Sent by Facsimile
Original Mailed 11/1/13

FILING CONTAINS CONFIDENTIAL INFORMATION

Ms. Kim Christiansen
Executive Director
Kansas Corporation Commission
1500 S. W. Arrowhead Road
Topeka, Kansas 66604-4027

Re: Kansas Generation Planning Survey Docket No. 13-GIME-256-CPL

NCV 0 1 2013

Received

State Corporation Commission of Kansas

Dear Ms. Christiansen:

Please file the enclosed Annual Compliance Filing for the Kansas Generation Planning Survey on behalf of The Empire District Electric Company in the above captioned matter. I would appreciate receiving a file stamped copy of this cover letter as well as a file stamped copy of the Annual Compliance Filing for my files. An envelope is included for your convenience.

Thank you for your assistance. If you have any questions, please call.

Sincerely,

James G. Flaherty

iflaherty@andersonbyrd.com

JGF:rr Enclosure