Exhibit No.: Issues: Fuel Adjustment Base Factor and Fuel and Purchased Power Costs Witness: Todd W. Tarter Type of Exhibit: Direct Testimony Sponsoring Party: The Empire District Electric Company Case No.: ER-2019-0374 Date Testimony Prepared: August 2019

Before the Public Service Commission of the State of Missouri

Direct Testimony

of

Todd W. Tarter

on behalf of

The Empire District Electric Company a Liberty Utilities Company

August 2019



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DIRECT TESTIMONY OF TODD W. TARTER THE EMPIRE DISTRICT ELECTRIC COMPANY BEFORE THE MISSOURI PUBLIC SERVICE COMMISSION CASE NO. ER-2019-0374

1 I. <u>INTRODUCTION</u>

2 Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

3 A. Todd W. Tarter. My business address is 602 S. Joplin Avenue, Joplin, Missouri.

4 Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am employed by Liberty Utilities Service Corp. as Manager of Market Settlements
and Systems for Liberty Utilities Central Region which includes The Empire District
Electric Company, a Liberty Utilities Company ("Liberty-Empire" or "Company").

8 Q. PLEASE DESCRIBE YOUR EDUCATIONAL AND PROFESSIONAL 9 BACKGROUND.

10 A. I graduated from Pittsburg State University in 1986, with a Bachelor of Science Degree 11 in Computer Science. After graduation, I received a mathematics education 12 certification. I began my employment with Liberty-Empire in May 1989. During my 13 tenure with Liberty-Empire, I have worked in the Corporate Planning, Strategic 14 Planning, Information Technology ("IT"), Planning and Regulatory and Electrical 15 Procurement departments. My primary responsibilities during the early parts of my 16 career included work with the Company's construction budget, load forecasts, sales 17 and revenue budgets, financial forecasts, fuel and purchased power projections, and IT 18 projects among others. In 2004, I was promoted to Manager of Strategic Planning 19 where I primarily worked with fuel and purchased power projections, energy efficiency

1		and integrated resource planning ("IRP"). In October 2016, I assumed my current						
2		position where I am primarily responsible for market settlements; the computer systems						
3		used by the Electrical Procurement department; load forecasting; load research;						
4		transmission congestion hedging; and fuel and purchased power projections.						
5	Q.	HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE MISSOURI PUBLIC						
6		SERVICE COMMISSION OR ANY OTHER REGULATORY AGENCY?						
7	A.	Yes. I have testified on behalf of Liberty-Empire before the Missouri Public Service						
8		Commission ("Commission"), the Kansas Corporation Commission, the Oklahoma						
9		Corporation Commission, and the Arkansas Public Service Commission. The case						
10		references are attached to this testimony as Schedule TWT-1.						
11	Q.	WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY IN THIS						
12		PROCEEDING?						
13	A.	The primary purpose of this testimony is to discuss the fuel adjustment clause ("FAC")						
14		base factor proposal for this case and discuss how it was developed. I will also propose						
15		base rate cost levels for natural gas firm transportation and the Plum Point Purchased						
16		Power Agreement ("PPA") demand charge—two fuel and purchased power ("F&PP")						
17		related costs that do not run through the Company's current FAC.						
18	Q.	ARE YOU SPONSORING ANY SCHEDULES WITH YOUR TESTIMONY?						
19	A.	Yes. This testimony contains the following schedules:						
20		• Schedule TWT-1, Case References						
21		• Schedule TWT-2, Summary of Fuel and Purchased Power for the FAC Base						
22		Factor Model Run						
23		• Schedule TWT-3, Summary of FAC Base Factor Calculation (with a list of						
24		FAC base factor components)						

1 II. <u>F&PP EXPENSE FOR BASE RATES AND THE FAC BASE FACTOR</u>

2 Q. WHAT IS THE COMPANY PROPOSING FOR FUEL RECOVERY IN THIS

3 CASE?

- A. Liberty-Empire is recommending the continuation of a FAC, to include the current
 95%/5% sharing mechanism. Liberty-Empire is also recommending a new FAC base
 factor developed with a computer production cost model run using current fuel,
 purchased power, market revenue, transmission costs, and all the other cost
 components of the proposed FAC base which will be further discussed in this
 testimony.
- 10 Q. HAS THE COMPANY PREPARED THE MINIMUM FILING
 11 REQUIREMENTS ("MFR") FOR AN FAC CONTINUATION REQUEST?
- 12 A. Yes. Please see the direct testimony of Liberty-Empire witness Sheri Richard for a
 13 listing of these MFRs and where each item may be found.

14 Q. ARE THERE OTHER COMPANY WITNESSES THAT ADDRESS FAC15 ISSUES?

- A. Yes. For additional information on the FAC components, please see the direct
 testimony of Liberty-Empire witness Aaron J. Doll. He discusses Southwest Power
 Pool ("SPP") net transmission charges, the Off-System Sales Revenue ("OSSR")
 definition, and SPP transmission hedging instruments known as auction revenue rights
 and transmission congestion rights ("ARR/TCR"). The FAC proposals he makes for
 these pertinent cost/revenue components were incorporated into the proposed FAC
 base factor for this case.
- 23 Q. BRIEFLY DESCRIBE THE PURPOSE OF AN FAC BASE FACTOR.

1 A. According to the Company's current FAC Rider Tariff, the FAC base factor is the base 2 energy cost divided by net generation in kilowatt-hours ("kWh") as determined by the 3 Commission in the last general rate case. The base energy cost is the F&PP costs net 4 of fuel-related revenues determined by the Commission to be included in the FAC that 5 are also included in the revenue requirement used to set base rates in a general rate 6 case. As Liberty-Empire's FAC is currently designed, the FAC base factor has not 7 changed since the last general rate case. However, as prescribed by tariff, the actual 8 prudently incurred FAC eligible costs are compared to the FAC base energy costs on a 9 periodic basis. As a simple illustration: if prudently incurred FAC eligible costs are 10 higher than the base, then the Company is allowed to collect the additional amount 11 from Missouri retail customers (less any sharing mechanism) via the FAC rider. 12 Likewise, if the prudently incurred FAC eligible costs are lower than the base, the 13 Company would return the additional amount to Missouri retail customers (less any 14 sharing mechanism) through the FAC rider. The design of an FAC can vary and the 15 details are provided in the FAC Rider Tariff.

16 Q. WHAT IS LIBERTY-EMPIRE PROPOSING AS AN UPDATED FAC BASE

17 FACTOR FOR THIS CASE?

A. Liberty-Empire has analyzed the net F&PP cost level and other eligible FAC costs and
revenues for base rates in this case, with the help of a computer production cost model
described later in my testimony. Based on this normalized approach, Liberty-Empire is
proposing to update the FAC base factor to \$0.02488 per kWh. The total company
base energy cost proposal is \$136,016,133.

23 Q. HOW DOES THE PROPOSED FAC BASE FACTOR COMPARE TO THE 24 COMPANY'S EXISTING FAC BASE FACTOR?

A. The existing FAC base factor, established in Case No. ER-2016-0023, is \$0.02415 per
 kWh. The Company's proposal for this case is an increase of \$0.00073 per kWh or
 about a 3% increase. A summary of the model run to help rebase the FAC is attached
 as Schedule TWT-2.

5

Q.

6

PLEASE PROVIDE A DESCRIPTION OF ANY FAC BASE FACTOR CHANGES THAT ARE BEING PROPOSED IN THIS CASE.

7 A. Liberty-Empire's existing Missouri retail FAC base factor took effect on September 14, 8 2016. Aside from updating the costs, prices and revenues to current levels, there are 9 two primary structural changes to the FAC base factor as proposed by the Company for 10 this case as compared to Liberty-Empire's existing FAC. First, the Company is 11 proposing to include the net ARR/TCR offset in the FAC. Secondly, the Company is 12 proposing to modify the level of transmission expense eligible for the FAC for this 13 case. As previously mentioned, please refer to the direct testimony of Aaron J. Doll 14 for more information on these two items, including the reasons behind each of these 15 proposals. Both of these proposals have been incorporated into the FAC base factor 16 calculation supported in this testimony. Additionally, Mr. Doll presents another FAC 17 proposal in his direct testimony regarding a revision to the OSSR definition in the FAC 18 tariff, but this proposed change does not impact the FAC base factor proposal described 19 herein.

20 Q. PLEASE SUMMARIZE THE FAC COST/REVENUE COMPONENTS 21 CONTAINED IN THE PROPOSED FAC BASE FACTOR CALCULATION 22 FOR THIS CASE.

A. The cost and revenue components of the proposed FAC base factor calculation are
summarized in Schedule TWT-3 attached to this testimony. Net F&PP (without

1 purchased demand or natural gas firm transportation charges) is the sum of fuel and 2 purchased power energy netted with market revenues. Fuel is comprised of a 3 generating unit's fuel to operate including start fuel; natural gas commodity charges; 4 natural gas losses at the cost of natural gas; and other fuel related costs such as 5 undistributed and other and unit train costs. Purchased power energy costs are 6 comprised of the energy costs from Liberty-Empire's PPAs (Plum Point PPA, Elk 7 River Wind PPA and the Meridian Way Wind PPA), plus Plum Point PPA operation 8 and maintenance ("O&M") costs. The market revenues are the revenues received from 9 selling energy into the Southwest Power Pool Integrated Marketplace ("SPP IM" or 10 "market"). Native load cost, or the cost of energy to serve Liberty-Empire's customers, 11 is the cost of energy purchased from the SPP IM plus ancillary and other charges, offset 12 by net ARR/TCR revenue. Other FAC offsets include net renewable energy credits 13 ("RECs") and the removal of fuel related administration and labor. Other FAC eligible 14 costs include net emission allowances; the consumables used by the generating plants' 15 environmental equipment (e.g., ammonia, limestone, powder activated carbon); and 16 FAC eligible transmission charges.

17 Q. PLEASE BRIEFLY DESCRIBE THE MODELED FUEL AND PURCHASED 18 POWER EXPENSE PROCESS THAT LIBERTY-EMPIRE DEVELOPED FOR 19 THIS CASE.

A. Liberty-Empire considered all eligible FAC cost components and updated all annualized
 and normalized model assumptions from its last Missouri general rate case (Case No.
 ER-2016-0023) on a total company basis. Liberty-Empire utilized its production cost
 model to simulate the SPP IM approach to calculate a net F&PP cost level. That is,
 within the model, Liberty-Empire resources were dispatched against price curves with

6

1 their dispatched generation sold into the SPP market with these resources receiving 2 revenue based on the market approach. Within the model, the cost of Liberty-Empire's 3 native load was supplied from the SPP market and not from the cost of Liberty-4 Empire's generating resources. Multiple sets of hourly market prices were utilized, 5 and the market prices were correlated to the natural gas price within the model. This 6 level of F&PP expense was developed by running the hourly production cost computer 7 model using normalized sales levels, normalized outage data, and projected fuel and 8 purchased power prices. Other F&PP cost/revenue components that are eligible for the 9 FAC were normalized and added outside the model. Please refer to Schedule TWT-2 10 for a Summary of F&PP report for the FAC base factor model run.

11 Q. WHAT PRODUCTION COST MODEL DID LIBERTY-EMPIRE USE FOR ITS 12 REVIEW OF THE ONGOING LEVEL OF F&PP EXPENSES FOR THIS 13 CASE?

14 A. This level of F&PP expense was developed by running the hourly production cost 15 computer model known as EnCompass. EnCompass is a planning tool developed by 16 Anchor Power Solutions. Liberty-Empire has used EnCompass for F&PP budgeting 17 and other special studies during the past two budget cycles. According to the model 18 developer, EnCompass optimizes individual utilities or portfolios of assets using full 19 operational details of power plants and complex contracts along with forecasted power 20 prices. By utilizing Mixed Integer Programming, the software determines the best 21 combination of resources to commit and the appropriate dispatch levels for each 22 interval of the operating day. In addition to minimum uptime and downtime 23 requirements, EnCompass can also cap the number of starts and shutdowns, and 24 recognize costs and fuel requirements for hot, warm, and cold starts and shutdowns.

1		Heat rates and dispatch costs are set for the minimum (no-load) operating level, as well				
2		as any number of blocks up to maximum capacity. Any number of fuels may be defined				
3		for a resource, and EnCompass will utilize the least-cost fuel, subject to minimum and				
4		maximum limits.				
5	Q.	HOW WERE THE NATURAL GAS PRICE FORECAST AND THE				
6		MULTIPLE SETS OF NODAL MARKET PRICE FORECASTS OBTAINED?				
7	А.	The natural gas prices and the associated sets of nodal market prices used in the FAC				
8		base factor modeling were provided by Horizons Energy, a consulting firm that was				
9		contracted by the Company to provide input data for the EnCompass model.				
10	Q.	WHAT WAS THE ANNUAL WEIGHTED AVERAGE PRICE OF NATURAL				
11		GAS USED IN THE FAC BASE FACTOR MODELING?				
12	A.	The weighted average price of natural gas yielded from the FAC base factor modeling				
13		was \$2.39/MMBtu.				
14	Q.	WAS THE NET COST OF NATURAL GAS HEDGING INCLUDED IN THE				
15		FAC BASE FACTOR CALCULATION?				
16	A.	No. Natural gas hedging was not considered in the FAC base factor modeling for this				
17		case.				
18	Q.	WHAT GENERATION MIX WAS USED IN THE BASE FACTOR				
19		MODELING?				
20	А.	The base factor modeling for the Company's direct filing is based on Liberty-Empire's				
21		existing resources at the time of this filing, which were also the same generating				
22		resources operating during the test year. These resources can be seen in Schedule				
23		TWT-2 (the Summary of Fuel and Purchased Power report for the FAC base factor				
24		model run).				

Q. ARE THERE ANY OTHER MODELING CONSIDERATIONS THAT SHOULD BE NOTED?

3 A. Yes. There are a few modeling items worth mentioning since they may be new issues 4 or changes from past cases. First, the Asbury coal-fired unit was modeled with a blend 5 of two coals (95% Powder River Basin ("PRB") coal and 5% of a blend coal on a heat 6 content basis) as well as using fuel oil as a start fuel. In addition, this unit now has a 7 PRB coal freight contract that must be added in order to capture all of its fuel costs. 8 Secondly, Energy Center Units 1 and 2 can operate on natural gas or fuel oil. They 9 were modeled to operate on fuel oil to correspond with current operations. Due to 10 recent natural gas supply constraints on the Southern Star Pipeline, Energy Center Units 11 1 and 2 are typically offered into the SPP IM based on their use of fuel oil. Finally, in 12 the native load cost category (see Schedule TWT-3), an Ancillary and Other cost 13 category has been identified. This represents market charges and revenues not settled 14 at load or a generator.

15

III. ADDITIONAL F&PP COSTS

16 Q. ARE YOU SPONSORING OTHER F&PP RELATED COSTS THAT DO NOT 17 FLOW THROUGH THE FAC?

A. Yes. The cost of natural gas firm transportation and the Plum Point PPA demand
charge are two F&PP costs that do not run through the FAC. Each of these total
company costs were annualized and based on contracted pricing for this filing. A cost
of \$7,471,520 for natural gas firm transportation and \$11,485,853 for the Plum Point
PPA demand charge have been included to set base rates for this rate case filing.

- 23 IV. <u>CONCLUSION</u>
- 24 Q. PLEASE SUMMARIZE YOUR DIRECT TESTIMONY.

1	A.	In this case, Liberty-Empire is requesting the continuation of its FAC. In conjunction					
2		with the continuation of the current FAC, Liberty-Empire has estimated a current level					
3		of F&PP expenses/revenues in order to rebase the FAC. In its direct filing, Liberty-					
4		Empire is proposing an FAC base factor of \$0.02488 per kWh, or a total company					
5		annual base energy cost proposal of \$136,016,133 (please refer to Schedule TWT-3).					
6		This is about a 3% increase over the current \$0.02415 per kWh level. Two primary					
7		changes the Company is proposing are to include the net ARR/TCR offset in the FAC					
8		and modify the level of transmission expense eligible for the FAC (as supported in the					
9		direct testimony of Liberty-Empire witness Aaron J. Doll). Further, this testimony					
10		summarizes the FAC cost components considered in the FAC base factor proposal,					
11		describes the computer model and the modeling process, and discusses some key					
12		assumptions and modeling considerations. Finally, this testimony proposes updated					
13		base rate cost levels for the cost of natural gas firm transportation and the Plum Point					
14		PPA demand charge since they are two F&PP costs that do not run through the FAC.					

15 Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

16 A. Yes.

Cases with Filed Written Testimony of Todd W. Tarter

Before the Missouri Public Service Commission

<u>Rate Cases</u>

ER-2006-0315, ER-2008-0093, ER-2010-0130, ER-2011-0004, ER-2012-0345, ER-2014-0351,

ER-2016-0023

• Fuel Adjustment Cases

ER-2011-0320, ER-2012-0098, ER-2012-0326, ER-2013-0122, ER-2013-0442, ER-2014-0087, ER-2014-0264, ER-2015-0085, ER-2015-0247, ER-2016-0080

• Fuel Adjustment True-Up

EO-2014-0088, EO-2014-0265, EO-2015-0086, EO-2015-0248, ER-2016-0082

Before the Kansas Corporation Commission

Rate Docket

05-EPDE-980-RTS, 17-EPDE-101-RTS

Energy Cost Adjustment ACA Docket

KS-12-EPDE-392-ACA, KS-13-EPDE-385-ACA, KS-14-EPDE-270-ACA, KS-15-EPDE-228-ACA,

KS-16-EPDE-260-ACA

Before the Oklahoma Corporation Commission

Rate Cause

PUD 201100082

• Fuel Prudence Review Causes

PUD 201100131, PUD 201200170, PUD 201300131, PUD201400226, PUD201500265, PUD 201600317

• Energy Efficiency Cause

PUD 201300142, PUD 201300203

Before the Arkansas Public Service Commission

• Energy Efficiency Docket

07-076-TF

<u>Net Metering Docket</u>

12-060-R

<u>Rate Docket</u>

13-11-U, 16-053-U

LIBERTY UTILITIES - EMPIRE DISTRICT -- SUMMARY OF FUEL AND PURCHASED POWER MO Rate Case FAC Base Factor Model Run

Peak

1,108

		MO Rate Case						
		GENERATION COST			REVENUE NET			
		MWH	\$	\$/MWH	\$	<u>\$/</u> MWH	\$	\$/MWH
	Asbury	941,635	22,299,382.78	23.68	(23,603,332.84)	(25.07)	(1,303,950.06)	(1.38)
	latan 1	473,768	8,057,091.78	17.01	(10,351,658.12)	(21.85)	(2,294,566.34)	(4.84)
	latan 2	681,444	9,978,357.91	14.64	(14,253,069.21)	(21.03)	(4,274,711.31)	(6.27)
	Plum Point Own			14.04				(5.89)
		321,157	5,882,215.59		(7,773,357.74)	(24.20)	(1,891,142.15)	
Q	Riverton 12 (CC)	1,173,948	21,263,243.10	18.11	(30,922,552.34)	(26.34)	(9,659,309.23)	(8.23)
UNITS	Riverton 10-11	-	-	-	-	-	-	-
Z	EC 1-2	20,212	8,618,757.00	426.42	(8,723,072.89)	(431.58)	(104,315.89)	(5.16)
	EC 3-4	98,369	2,808,717.21	28.55	(3,774,790.45)	(38.37)	(966,073.24)	(9.82)
Ü	State Line 1	12,248	333,272.87	27.21	(372,902.79)	(30.45)	(39,629.93)	(3.24)
H	State Line CC	1,319,699	23,871,041.82	18.09	(34,175,190.93)	(25.90)	(10,304,149.12)	(7.81)
TAT	Not Cos Trans (Star		7 474 530 33				7 474 520 22	
GENERATING	Nat. Gas Trans/Stor	-	7,471,520.22		-		7,471,520.22	
GEN	TOTAL THERMAL	5,042,480	110,583,600.28	21.93	(133,949,927.32)	(26.56)	(23,366,327.04)	(4.63)
	Ozark Beach	55,895	-	N.A.	(1,474,161.35)	(26.37)	(1,474,161.35)	(26.37)
	TOTAL GENERATION	5,098,375	110,583,600.28	21.69	(135,424,088.67)	(26.56)	(24,840,488.40)	(4.87)
	Plum Point PPA	321,157	8,894,677.64	27.70	(7,773,357.74)	(24.20)	1,121,319.90	3.49
	Wind PPA Total *	850,296	31,312,130.63	36.82	(15,898,206.54)	(18.70)	15,413,924.08	18.13
		850,290	51,512,150.05	50.62	(15,656,200.54)	(10.70)	15,415,524.08	10.15
51'	* (Elk River + Meridian Way)							
PPA	Spot/EIS/MISO	-	-	N.A.	-	N.A.	-	
	TOTAL PPA	1,171,454	40,206,808.26	34.32	(23,671,564.29)	(20.21)	16,535,243.98	14.12
	Adjustments	-	-				-	
[+]								
SCI	Capacity	-	11,485,853.00		-		11,485,853.00	
IU								
RESOURCE	TOTAL W DMD	6,269,828	162,276,261.54	25.88	(159,095,652.96)	(25.37)	3,180,608.58	0.51
RE	TOTAL W/O DMD	6,269,828	150,790,408.54	24.05	(159,095,652.96)	(25.37)	(8,305,244.42)	(1.32)
						. ,		. ,
N	SPP Chg - EDE Load	5,465,856	146,170,942.38	26.74				
ARG	Ancillary/Other	-	1,500,000.00					
CHARGE	ARR/TCR/FTR (SPP/MISO)	-	(14,663,529.74)					
<u> </u>								
LOAD	NATIVE LOAD COST	5,465,856	133,007,412.65	24.33				
Н								
			Total FPP Native Ld -					
			Net \$ Total w dmd					
	NET FPP W DMD	5,465,856	136,188,021.23	24.92				
다 다 년	NET FPP W/O DMD	5,465,856	124,702,168.23	22.81				
Ц Ц								
EH								
NET						*****		
4	MO FAC	Consumables/Env	Net RECs	FPP Eligible FAC	Fuel Admin	Recov Trans Exp	Fixed Pipeline Fee	Loss Charges
		1,782,816.22	(229,285.72)	136,016,133	(276,885.07)	17,508,839.39	(7,471,520.22)	-
		FAC \$/MWh	,,			, .,	., ,,	
		24.88						
		24.00						

SCHEDULE TWT-3

FAC BASE FACTOR CALCULATION

<u>FUEL</u>		oposed FAC Base Fotal Company
Fuel	\$	97,782,989
Nat Gas Transportation Variable (Nat Gas Commodity Costs)		227,825
Natural Gas Losses at the Cost of Natural Gas	\$	922,713
Other Fuel Related (Undistributed & Other and Unit Train)	\$ \$ \$ \$	4,178,553
Total Fuel and Related Costs	\$	103,112,080
PURCHASED POWER ENERGY		
Purchased Power Energy (e.g. Plum Point PPA and Wind PPAs)	\$	36,279,098
Plum Point O&M Cost-Variable	\$ \$	3,927,710
Total Purchased Power	\$	40,206,808
Total F&PP (without purchase demand or Nat Gas Transport)	\$	143,318,888
MARKET REVENUES		
Resource Sales into the SPP IM (OSS Revenue)	\$	(159,095,653)
NATIVE LOAD COST		
SPP Charge - Liberty-Empire Load	\$	146,170,942
Ancillary/Other	\$ \$ \$	1,500,000
Net ARR/TCR	\$	(14,663,530)
Total Native Load Cost	\$	133,007,413
NET F&PP		
Total Net F&PP (without purchase demand or Nat Gas Transport)	\$	117,230,648
OTHER ENERGY RELATED AND ADJUSTMENTS		
Net Emissions Allowances	\$	-
AQCS Consumables (Ammonia, Limestone, PAC) - Variable	\$	1,782,816
Net Renewable Energy Credits (RECs)	\$	(229,286)
Fuel Admin/Labor	\$	(276,885)
RTO Transmission	\$	17,508,839
Total Other Energy Related and Adjustments	\$	18,785,485
Total F&PP for FAC Base	\$	136,016,133
Total Kwh		5,465,856,000
FAC Base Factor \$ per kWh		0.02488
FAC Base Factor \$ per MWh		24.88

STATE OF MISSOURI)) ss COUNTY OF JASPER)

On the <u>9</u> day of August, 2019, before me appeared Todd W. Tarter, to me personally known, who, being by me first duly sworn, states that he is Manager of Market Settlements and Systems of The Empire District Electric Company and acknowledges that he has read the above and foregoing document and believes that the statements therein are true and correct to the best of his information, knowledge and belief.

Todd W. Tarter

Subscribed and sworn to before me this 2 day of August, 2019.

ANGELA M. CLOVEN Notary Public - Notary Seal State of Missouri Commissioned for Jasper County My Commission Expires: November 01, 2019 Commission Number: 15262659

Notary Public

My commission expires: