BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS

In the Matter of the Application of)
Southern Pioneer Electric Company for) Docket No. 24-SPEE-415-TAR
Approval to Make Certain Revenue)
Neutral Changes to its Rate Design.)

SUPPLEMENTAL DIRECT TESTIMONY

PREPARED BY

ROBERT H. GLASS, Ph.D.

UTILITIES DIVISION

KANSAS CORPORATION COMMISSION

April 9, 2024

1		I. STATEMENT OF QUALIFICATIONS
2	Q.	What is your name?
3	A.	Robert H. Glass
4	Q.	By whom are you employed and what is your job?
5	A.	I am employed by the Kansas Corporation Commission (KCC or Commission) as
6		Chief of the Economics and Rates Section within the Utilities Division.
7	Q.	What is your business address?
8	A.	1500 S.W. Arrowhead Road, Topeka, Kansas, 66604-4027.
9 10	Q.	Are you the same Robert H. Glass who filed Direct Testimony in this Docket on April 2, 2024?
11	A.	Yes.
12 13		II. ANALYSIS TRANSMISSION LEVEL SERVICE
	Q.	
13	Q. A.	TRANSMISSION LEVEL SERVICE
13 14		TRANSMISSION LEVEL SERVICE Why are you filing Supplemental Direct Testimony?
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 13 14 15 16 17 18 		TRANSMISSION LEVEL SERVICE Why are you filing Supplemental Direct Testimony? In its Application, Southern Pioneer proposed the Transmission Level Service Delivery Energy Charge be changed to a Delivery Demand Charge ¹ to be "consistent with the cost of service and with the overall approach of recovering non-power supply and transmission costs in the Customer Charge and [Delivery]
 13 14 15 16 17 18 19 		TRANSMISSION LEVEL SERVICE Why are you filing Supplemental Direct Testimony? In its Application, Southern Pioneer proposed the Transmission Level Service Delivery Energy Charge be changed to a Delivery Demand Charge ¹ to be "consistent with the cost of service and with the overall approach of recovering non-power supply and transmission costs in the Customer Charge and [Delivery] Demand Charge rather than [Delivery] Energy Charges." ²

 ¹ Application, Docket No. 24-SPEE-415-TAR, p. 7.
 ² Richard Macke, Amended Direct Testimony, Docket No. 24-SPEE-415-TAR, p. 41 (Feb. 16, 2024)

the change from a Delivery Energy Charge to a Delivery Demand Charge, Staff
 could not recommend the new Delivery Demand Charge until Staff could verify
 that the implementation of the new demand rate was based on accurate billing
 determinants.

5 Because there had already been errors in the data, Staff needed an explanation 6 for how the errors happened, what was done to correct the demand billing 7 determinants, and why the new billing determinants were correct. In other words, 8 Staff needed evidence that the new billing determinants for the Transmission Level 9 Service Class provided an accurate and fair transition from the current Delivery 10 Energy Charge to the new Delivery Demand Charge.

11 Q. How did Staff handle the uncertainty of the new demand data?

A. Staff sent to Southern Pioneer a data request asking for an explanation of how the
errors occurred in the initial data and how those errors were corrected in the
subsequent data.

15Q.What was Southern Pioneer's explanation for how the errors in the data16occurred?

- 17 A There were different types of errors.
- 18 (1) For one customer, the original August number was incorrect and was corrected.
- 19 (2) For the 34.5 kV customers, the original demand data was thought to be based
- 20 on a 15-minute interval, but was instead based on a 60-minute interval. Now, all
- 21 demand data is based on a 15-minute interval.

1		(3) For one of the 34.5 kV customers there was found to be a formula error in the
2		calculation of the demand data that significantly overstated demand for that
3		customer. The formula error was corrected.
4	Q.	How do these corrections affect the proposed demand rate?
5	A.	The customer demand for the 34.5 kV customers was reduced from 113,649 kW to
6		9,032 kW while the customer demand for the 115 kV customers increased from
7		803,276 kW to 807,126 kW, a net decline of over 100,000 kW for the total class.
8		As a result of the decline in demand, the demand rate increased from 1.23 per kW
9		to \$1.38 per kW.
10 11	Q.	Is the transition from a Delivery Energy Charge to a Delivery Demand Charge approximately revenue neutral?
12	А.	Yes. Table 1 below shows the base rate revenue with the current Delivery Energy
13		Charge in Column (d) and with the proposed Delivery Demand Charge in Column
14		(f). The effect of the proposed transition to a Delivery Demand Charge will raise
15		the revenue generated by the 34.5 kV customers by $4,846$ and reduce the revenue
16		generated by the 115 kV customer \$1,905.

	Billing		Current		Proposed	
Rate Class	Determinants	Units	Rate	Revenue	Rates	Revenue
	(a)	(b)	(c)	(d)	(e)	(f)
Transmission Level Service (STR)						
Service at 34.5 kV Voltage						
Customer Charge	2	cons	\$116.52	2,796	\$116.52	2,796
Delivery Energy Charge	3,258,560	kWh	\$0.00206	6,713	-	
Delivery Demand Charge	9,032.0	kW			\$1.38	12,464
Property Tax Surcharge	3,258,560	kWh	\$0.00028	906	-	
Total Revenue				10,415		15,261
Service at 115 kV Voltage						
Customer Charge	4	cons	\$116.52	5,593	\$116.52	5,593
Delivery Energy Charge	477,219,593	kWh	\$0.00206	983,072		
Delivery Demand Charge	807,126.0	kW			\$1.38	1,113,834
Property Tax Surcharge	477,219,593	kWh	\$0.00028	132,667		
Total Revenue				1,121,332		1,119,427
Total STR Revenue				1,131,747		1,134,687

Table 1

1

1 2	Q.	What is Staff's recommendation about the proposed change to a Delivery Demand Charge?
3	A.	Staff recommends accepting the proposed transition from a Delivery Energy
4		Charge to a Delivery Demand Charge for the Transmission Level Service Class.
5		The explanations for the errors in the data before are reasonable and the corrections
6		result in demand numbers that are supported by the data and are more intuitive than
7		the initial numbers.
8 9	Q.	Are there any other amendments or revisions you wish to make to the Direct Testimony you filed in this Docket on April 2, 2024?
10	A.	No.
11	Q.	Does that conclude your testimony?

12 A. Yes. Thank you.

)) ss.)

VERIFICATION

Bob Glass, being duly sworn upon his oath deposes and states that he is Chief of Economic Policy and Planning for the Utilities Division of the Kansas Corporation Commission of the State of Kansas, that he has read and is familiar with the foregoing *Direct Testimony*, and attests that the statements contained therein are true and correct to the best of his knowledge, information and belief.

Bob Glass Chief of Economic Policy and Planning State Corporation Commission of the State of Kansas

Subscribed and sworn to before me this 26 day of March, 2024.

Notary Public

My Appointment Expires: 4/28/25

NOTARY PUBLIC - State of ansa

CERTIFICATE OF SERVICE

24-SPEE-415-TAR

I, the undersigned, certify that a true and correct copy of the above and foregoing Supplemental Direct Testimony of Robert Glass was served via electronic service this 9th day of April, 2024, to the following:

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CERTIFICATE OF SERVICE

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