



February 17, 2022

Jeff McClanahan  
Director, Utilities  
Kansas Corporation Commission  
1500 SW Arrowhead Rd.  
Topeka, Kansas 66604-4027

RE: Transmission Delivery Charge

Dear Mr. McClanahan:

Evergy Kansas Central, Inc. and Evergy Kansas South, Inc. both doing business as Evergy Kansas Central hereby file an updated Transmission Delivery Charge (TDC) tariff.

This filing is in accordance with K.S.A. 66-1237 which states that utilities “may seek to recover costs associated with transmission of electric power, in a manner consistent with the determination of transmission related costs from an order of a regulatory authority having legal jurisdiction, through a separate transmission delivery charge included in customers’ bills.”

Enclosed is an original and red-line copy of the proposed TDC tariff. Instead of listing out the tariffs as in the past, the TDC tariff shows the rate classes as agreed to in the last rate case for simplicity.

Evergy Kansas Central would like to implement the new TDC within 30 business days as outlined in K.S.A. 66-1237. The date of implementation would be April 1, 2022.

Sincerely,

A handwritten signature in blue ink that reads 'Robin Allacher'.

Robin Allacher  
Regulatory Analyst Lead

cc: Ronald Klote  
Lisa Starkebaum

Enc.

# Red-Line Tariff

**THE STATE CORPORATION COMMISSION OF KANSAS**

EVERGY KANSAS CENTRAL, INC., & EVERGY KANSAS SOUTH, INC., d.b.a. EVERGY KANSAS CENTRAL SCHEDULE \_\_\_\_\_ TDC \_\_\_\_\_

(Name of Issuing Utility)

Replacing Schedule \_\_\_\_\_ TDC \_\_\_\_\_ Sheet \_\_\_\_\_ 1 \_\_\_\_\_

EVERGY KANSAS CENTRAL RATE AREA

(Territory to which schedule is applicable)

which was filed April 1, 2021 ~~March 19, 2020~~

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 7 Sheets

**TRANSMISSION DELIVERY CHARGE**

**APPLICABLE**

To all bills rendered by Company for utility service, provided the tariff under which such bills are rendered permits recovery of cost related to Company's transmission system.

**BASIS OF CHARGE**

Company shall collect from applicable customers a Transmission Delivery Charge (TDC) based on its annual transmission revenue requirement (ATRR) for costs to be recovered under the following schedules of the Open Access Transmission Tariff for Service Offered by the Southwest Power Pool (SPP) for service to Company's retail KCC-Jurisdictional customers:

- Schedule 1A – Tariff Administration Service;
- Schedule 9 – Network Integration Transmission Service;
- Schedule 10 – Wholesale Distribution Service;
- Schedule 11 – Base Plan Charge;
- Schedule 12 – FERC Assessment Charge; and
- Other cost associated with Schedule 1 fees for transmission service provided on foreign wires.

The cost to be recovered under Schedule 9 (Network Integration Transmission Service) shall exclude the revenue requirement for all Company-owned transmission facilities classified by SPP as Base Plan Upgrades. Company shall provide periodic reports to the Commission of its collections, including a calculation of the total collected under this rate schedule.

Issued \_\_\_\_\_  
Month Day Year

Effective April 1 2021  
Month Day Year

By \_\_\_\_\_  
Darrin Ives, Vice President

**THE STATE CORPORATION COMMISSION OF KANSAS**

EVERGY KANSAS CENTRAL, INC., & EVERGY KANSAS SOUTH, INC., d.b.a. EVERGY KANSAS CENTRAL SCHEDULE \_\_\_\_\_ TDC \_\_\_\_\_

(Name of Issuing Utility)

Replacing Schedule \_\_\_\_\_ TDC \_\_\_\_\_ Sheet \_\_\_\_\_ 2 \_\_\_\_\_

EVERGY KANSAS CENTRAL RATE AREA

(Territory to which schedule is applicable)

which was filed April 1, 2021 ~~March 19, 2020~~

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Sheet 2 of 7 Sheets

TRANSMISSION DELIVERY CHARGE

METHOD OF BILLING

The ATRR shall be collected by applying a TDC Unit Charge, developed for each rate schedule permitting such cost recovery, to each applicable customer's bill. The TDC Unit Charge shall be implemented using one or more of the following billing methods:

1. A dollar per kilowatt (kW) charge determined by dividing a portion of the cost of transmission service allocated to a rate schedule by the annual applicable kW sales for that rate schedule; and/or
2. A cents per kilowatt hour (kWh) charge determined by dividing a portion of the cost of transmission service allocated to a rate schedule by the annual applicable kWh sales for that rate schedule.

The TDC Unit Charges included on the following sheets are designed to recover the retail transmission revenue requirement. The Company shall file to adjust TDC Unit Charges to reflect and track changes in FERC-approved rates for charges included in the ATRR according to the terms of this rate schedule.

The allocation of the ATRR to the respective rate schedules is based on the 12 coincident-peak (12 CP) allocation method. Specifically, the basis for allocating the ATRR to each rate schedule is the ratio of the rate schedule's average monthly system peak demand during the Company's monthly peak-hour demand to the average total monthly system peak-hour demand. The rate schedule class allocator is based on the twelve (12) months of the test year ended June 30, 2017. The Company shall adjust TDC Unit Charges for each rate schedule by applying the Adjustment Factor described by the terms of this tariff. However, the Company shall reset the TDC Unit Charges by reallocating costs using this 12 CP method based on current test-year load research each time it files a retail rate proceeding, and at a minimum, once every five years, to limit cost shifting among retail classes.

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                     Darrin Ives, Vice President

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EVERGY KANSAS CENTRAL, INC., &amp; EVERGY KANSAS SOUTH, INC., d.b.a. EVERGY KANSAS CENTRAL SCHEDULE \_\_\_\_\_ TDC \_\_\_\_\_

(Name of Issuing Utility)

Replacing Schedule \_\_\_\_\_ TDC \_\_\_\_\_ Sheet \_\_\_\_\_ 3 \_\_\_\_\_

EVERGY KANSAS CENTRAL RATE AREA

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Sheet 3 of 7 Sheets

TRANSMISSION DELIVERY CHARGEADJUSTMENT TO TDC UNIT CHARGES

The TDC Unit Charges included on the following sheets shall be adjusted as follows:

$$AF = \left[ \frac{(ATTR_2 \times LRS_2)}{(ATTR_1 \times LRS_1)} \right] \times \left( \frac{y_1}{y_2} \right)$$

Where:

AF = Adjustment Factor,

ATTR<sub>1</sub> = ATRR for the Company combined in Year 1,ATTR<sub>2</sub> = ATRR for the Company combined in Year 2,LRS<sub>1</sub> = Load Ratio Share (LRS) of the aggregated retail transmission customers for the Company combined in Year 1,LRS<sub>2</sub> = LRS of the aggregated retail transmission customers for the Company combined in Year 2,y<sub>1</sub> = Total retail sales volume in kWh for the Company combined in Year 1, andy<sub>2</sub> = Total retail sales volume in kWh for the Company combined in Year 2.

$$TDC_2(x) = TDC_1(x) \times AF$$

Where:

TDC<sub>1</sub>(x) = TDC Unit Charge for Retail Class x in Year 1,TDC<sub>2</sub>(x) = TDC Unit Charge for Retail Class x in Year 2, and

AF = Adjustment Factor as defined above.

Company shall file to update its TDC Unit Charges at least annually to become effective with billing cycle 1 of July. Company may elect to file for a change in the TDC Unit Charges more frequently than once per year. All proposed TDC Unit Charges shall be filed with the KCC no later than 30 business days before the effective date of the proposed charges.

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EVERGY KANSAS CENTRAL, INC., & EVERGY KANSAS SOUTH, INC., d.b.a. EVERGY KANSAS CENTRAL SCHEDULE \_\_\_\_\_ TDC \_\_\_\_\_

(Name of Issuing Utility)

Replacing Schedule TDC Sheet 4

EVERGY KANSAS CENTRAL RATE AREA

(Territory to which schedule is applicable)

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Sheet 4 of 7 Sheets

TRANSMISSION DELIVERY CHARGE

TDC UNIT CHARGES

The TDC Unit Charges in the following table shall be applied to a customer's demand, energy or bill of each rate schedule as indicated. The amount determined by applying the TDC Unit Charge shall become part of the total bill for electric service furnished and will be itemized separately on customer's bill.

<u>Rate Schedule</u>	<u>\$ per kW</u>	<u>\$ per kWh</u>
<u>Residential</u>		<u>\$0.0188100.01921</u> <u>4</u>
<u>Residential Distributed Generation</u>		<u>\$0.0165670.01692</u> <u>3</u>
<u>Small General Service</u>		<u>\$0.0174550.01783</u> <u>0</u>
<u>Medium General Service</u>	<u>\$5.7230225.8458</u> <u>78</u>	
<u>Large General Service</u>	<u>\$5.5574165.6767</u> <u>17</u>	
<u>Industrial and Large Power</u>	<u>\$6.7754566.9209</u> <u>05</u>	
<u>Large Tire Manufacturing</u>	<u>\$6.3113236.4468</u> <u>08</u>	
<u>Interruptible Contract Service</u>	<u>\$4.5629634.6609</u> <u>16</u>	
<u>Special Contracts A and B</u>		<u>\$0.0111790.01141</u>

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(Name of Issuing Utility)

Replacing Schedule \_\_\_\_\_ TDC \_\_\_\_\_ Sheet \_\_\_\_\_ 5 \_\_\_\_\_

EVERGY KANSAS CENTRAL RATE AREA

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Sheet 5 of 7 Sheets

TRANSMISSION DELIVERY CHARGE

	<u>9</u>
<u>Special Contract C</u>	<u>\$0.0126970.01297</u>
	<u>0</u>
<u>Restricted Institutions Time of Day (RITODS)</u>	<u>\$0.0167390.01709</u>
	<u>8</u>
<u>Schools - Educational</u>	<u>\$0.0211010.02155</u>
	<u>4</u>
<u>Lighting</u>	<u>\$0.0014830.00151</u>
	<u>5</u>
<del>Special Contracts A and B</del>	<del>\$0.011179</del>
<del>Special Contract C</del>	<del>\$0.012697</del>
<del>Dedicated Off Peak Service</del>	<del>\$0.017455</del>
<del>Generation Substitution Service</del>	<del>\$0.017455</del>
<del>Large General Service</del>	<del>\$5.557416</del>
<del>Industrial and Large Power Service</del>	<del>\$6.775456</del>
<del>Interruptible Contract Service</del>	<del>\$4.562963</del>
<del>Large Tire Manufacturing (per KV<sub>a</sub>)</del>	<del>\$6.311323</del>
<del>Medium General Service</del>	<del>\$5.723022</del>
<del>Off Peak Service</del>	<del>\$0.017455</del>

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(Name of Issuing Utility)

Replacing Schedule \_\_\_\_\_ TDC \_\_\_\_\_ Sheet \_\_\_\_\_ 6 \_\_\_\_\_

EVERGY KANSAS CENTRAL RATE AREA

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Sheet 6 of 7 Sheets

TRANSMISSION DELIVERY CHARGE

<del>Pilot LED Street Lighting</del>		\$0.001483
<del>Security Area Lighting</del>		\$0.001483
<u>Rate Schedule (Cont)</u>	<u>\$ per kW</u>	<u>\$ per kWh</u>
<del>Restricted Institution Time of Day Service</del>		\$0.016739
<del>Residential Service</del>		\$0.018810
<del>Residential Service — Distributed Generation</del>		\$0.016567
<del>Restricted Educational Institution Service</del>		\$0.021101
<del>Restricted Service to Schools</del>		\$0.021101
<del>Restricted Total Electric — School and Church Service</del>		\$0.021101
<del>Short Term Service</del>		\$0.017455
<del>Small General Service</del>		\$0.017455
<del>Small General Service — Church Option</del>		\$0.017455
<del>Standard Educational Service</del>		\$0.021101
<del>Street Lighting</del>		\$0.001483
<del>Time of Use — Pilot</del>		\$0.018810
<del>Traffic Signal Service</del>		\$0.001483

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(Name of Issuing Utility)

Replacing Schedule \_\_\_\_\_ TDC \_\_\_\_\_ Sheet \_\_\_\_\_ 7 \_\_\_\_\_

EVERGY KANSAS CENTRAL RATE AREA

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Sheet 7 of 7 Sheets

TRANSMISSION DELIVERY CHARGE

DEFINITIONS AND CONDITIONS

Company for the purposes of this rate schedule or rider is defined as Evergy Kansas Central, Inc. and Evergy Kansas South, Inc.

Issued \_\_\_\_\_  
Month Day Year

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Month Day Year

By \_\_\_\_\_  
Darrin Ives, Vice President

# Clean Tariff

**THE STATE CORPORATION COMMISSION OF KANSAS**

EVERGY KANSAS CENTRAL, INC., & EVERGY KANSAS SOUTH, INC., d.b.a. EVERGY KANSAS CENTRAL SCHEDULE \_\_\_\_\_ TDC \_\_\_\_\_

(Name of Issuing Utility)

Replacing Schedule \_\_\_\_\_ TDC \_\_\_\_\_ Sheet \_\_\_\_\_ 1 \_\_\_\_\_

EVERGY KANSAS CENTRAL RATE AREA

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Sheet 1 of 5 Sheets

**TRANSMISSION DELIVERY CHARGE**

**APPLICABLE**

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**BASIS OF CHARGE**


Company shall collect from applicable customers a Transmission Delivery Charge (TDC) based on its annual transmission revenue requirement (ATRR) for costs to be recovered under the following schedules of the Open Access Transmission Tariff for Service Offered by the Southwest Power Pool (SPP) for service to Company's retail KCC-Jurisdictional customers:

- Schedule 1A – Tariff Administration Service;
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- Schedule 11 – Base Plan Charge;
- Schedule 12 – FERC Assessment Charge; and
- Other cost associated with Schedule 1 fees for transmission service provided on foreign wires.

The cost to be recovered under Schedule 9 (Network Integration Transmission Service) shall exclude the revenue requirement for all Company-owned transmission facilities classified by SPP as Base Plan Upgrades. Company shall provide periodic reports to the Commission of its collections, including a calculation of the total collected under this rate schedule.

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                     Darrin Ives, Vice President

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EVERGY KANSAS CENTRAL, INC., & EVERGY KANSAS SOUTH, INC., d.b.a. EVERGY KANSAS CENTRAL SCHEDULE \_\_\_\_\_ TDC \_\_\_\_\_

(Name of Issuing Utility)

Replacing Schedule \_\_\_\_\_ TDC \_\_\_\_\_ Sheet \_\_\_\_\_ 2 \_\_\_\_\_

EVERGY KANSAS CENTRAL RATE AREA

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Sheet 2 of 5 Sheets

TRANSMISSION DELIVERY CHARGE

METHOD OF BILLING

The ATRR shall be collected by applying a TDC Unit Charge, developed for each rate schedule permitting such cost recovery, to each applicable customer's bill. The TDC Unit Charge shall be implemented using one or more of the following billing methods:

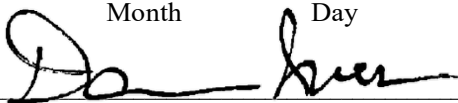
1. A dollar per kilowatt (kW) charge determined by dividing a portion of the cost of transmission service allocated to a rate schedule by the annual applicable kW sales for that rate schedule; and/or
2. A cents per kilowatt hour (kWh) charge determined by dividing a portion of the cost of transmission service allocated to a rate schedule by the annual applicable kWh sales for that rate schedule.

The TDC Unit Charges included on the following sheets are designed to recover the retail transmission revenue requirement. The Company shall file to adjust TDC Unit Charges to reflect and track changes in FERC-approved rates for charges included in the ATRR according to the terms of this rate schedule.

The allocation of the ATRR to the respective rate schedules is based on the 12 coincident-peak (12 CP) allocation method. Specifically, the basis for allocating the ATRR to each rate schedule is the ratio of the rate schedule's average monthly system peak demand during the Company's monthly peak-hour demand to the average total monthly system peak-hour demand. The rate schedule class allocator is based on the twelve (12) months of the test year ended June 30, 2017. The Company shall adjust TDC Unit Charges for each rate schedule by applying the Adjustment Factor described by the terms of this tariff. However, the Company shall reset the TDC Unit Charges by reallocating costs using this 12 CP method based on current test-year load research each time it files a retail rate proceeding, and at a minimum, once every five years, to limit cost shifting among retail classes.

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EVERGY KANSAS CENTRAL, INC., & EVERGY KANSAS SOUTH, INC., d.b.a. EVERGY KANSAS CENTRAL SCHEDULE \_\_\_\_\_ TDC \_\_\_\_\_

(Name of Issuing Utility)

Replacing Schedule \_\_\_\_\_ TDC \_\_\_\_\_ Sheet \_\_\_\_\_ 3 \_\_\_\_\_

EVERGY KANSAS CENTRAL RATE AREA

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Sheet 3 of 5 Sheets

TRANSMISSION DELIVERY CHARGE

ADJUSTMENT TO TDC UNIT CHARGES

The TDC Unit Charges included on the following sheets shall be adjusted as follows:

$$AF = \left[ \frac{(ATTR_2 \times LRS_2)}{(ATTR_1 \times LRS_1)} \right] \times \left( \frac{y_1}{y_2} \right)$$

Where:

AF = Adjustment Factor,

ATTR<sub>1</sub> = ATRR for the Company combined in Year 1,

ATTR<sub>2</sub> = ATRR for the Company combined in Year 2,

LRS<sub>1</sub> = Load Ratio Share (LRS) of the aggregated retail transmission customers for the Company combined in Year 1,

LRS<sub>2</sub> = LRS of the aggregated retail transmission customers for the Company combined in Year 2,

y<sub>1</sub> = Total retail sales volume in kWh for the Company combined in Year 1, and

y<sub>2</sub> = Total retail sales volume in kWh for the Company combined in Year 2.

$$TDC_2(x) = TDC_1(x) \times AF$$

Where:

TDC<sub>1</sub>(x) = TDC Unit Charge for Retail Class x in Year 1,

TDC<sub>2</sub>(x) = TDC Unit Charge for Retail Class x in Year 2, and

AF = Adjustment Factor as defined above.

Company shall file to update its TDC Unit Charges at least annually to become effective with billing cycle 1 of July. Company may elect to file for a change in the TDC Unit Charges more frequently than once per year. All proposed TDC Unit Charges shall be filed with the KCC no later than 30 business days before the effective date of the proposed charges.

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(Name of Issuing Utility)

Replacing Schedule TDC Sheet 4

EVERGY KANSAS CENTRAL RATE AREA

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Sheet 4 of 5 Sheets

TRANSMISSION DELIVERY CHARGE


TDC UNIT CHARGES

The TDC Unit Charges in the following table shall be applied to a customer's demand, energy or bill of each rate schedule as indicated. The amount determined by applying the TDC Unit Charge shall become part of the total bill for electric service furnished and will be itemized separately on customer's bill.

<u>Rate Schedule</u>	<u>\$ per kW</u>	<u>\$ per kWh</u>
Residential		\$0.019214
Residential Distributed Generation		\$0.016923
Small General Service		\$0.017830
Medium General Service	\$5.845878	
Large General Service	\$5.676717	
Industrial and Large Power	\$6.920905	
Large Tire Manufacturing	\$6.446808	
Interruptible Contract Service	\$4.660916	
Special Contracts A and B		\$0.011419
Special Contract C		\$0.012970
Restricted Institutions Time of Day (RITODS)		\$0.017098
Schools - Educational		\$0.021554
Lighting		\$0.001515

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(Name of Issuing Utility)

Replacing Schedule \_\_\_\_\_ TDC \_\_\_\_\_ Sheet \_\_\_\_\_ 5 \_\_\_\_\_

EVERGY KANSAS CENTRAL RATE AREA

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Sheet 5 of 5 Sheets

TRANSMISSION DELIVERY CHARGE

DEFINITIONS AND CONDITIONS

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**Amount of Westar Zonal Revenue Requirements**  
**SPP Tariff**  
**2022 TDC Calculation**

Line#	SPP Rates Effective 1/1/2022	Annual Rev Req	SPP Tariff Schedule
1	EKC Zonal ATRR	\$ 247,637,407	Schedule 9 (Notes 1, 6, 12)
2	EKC BPF Zonal ATRR: NTC prior to June 19, 2010	\$ 20,019,299	Schedule 11 (Notes 2, 7, 12)
3	EKC BPF Zonal ATRR: NTC on or after June 19, 2010	\$ 33,255,809	Schedule 11 (Notes 2, 8, 12)
4	EKC ATRR Reallocated to Balanced Portfolio Region-wide ATRR	\$ (5,061,469)	Schedule 11 (Note 9, 12)
5	Base Plan Zonal ATRR to pay Upgrade Sponsors	\$ 848,104	Schedule 11 (Note 14, 12)
6	Region-wide Allocation to Westar Zone	\$ 66,533,980	Schedule 11 (Note 4, 12,13)
7	Total ATRR for Westar Zone	\$ 363,233,130	
8	Retail Load Ratio Share (2021-Note 5)	82.87977671%	(Tab: Load Ratio Share)(Note 5)
9	Westar Retail SPP Network Service Costs	\$ 301,046,807	(line 7 * line 8)
<b>Actual 2021 SPP Charges for Retail Load, excluding Sch 9 &amp; 11</b>			
		<b>Total Dollars</b>	<b>Service Type</b>
10	SPP Administrative Fee	\$ 6,883,212	Schedule 1A (Note 3)
11	Facility Charges on Westar System (WDSC)	\$ -	Schedule 10 (Note 3)
12	FERC Assessment Fees	\$ 1,535,448	Schedule 12 (Note 3)
13	Westar Retail Load on Foreign Wires (all costs)	\$ 39,657	Note 10
14	SPP Direct Assigned Transmission Customer Upgrades Costs	\$ 509,172	Note 11
15	Total	\$ 8,967,490	Sum (lines 10 - 14)
16	<b>Total Annual Transmission Cost</b>	<b>\$ 310,014,297</b>	(line 9 + line 15)
<b>Comparison Current Year to Proposed Year</b>			
17	Current Level of TDC	\$ 289,613,738	(Prev. Yrs. Retail Trans. Svcs.)
18	Change in TDC	\$ 20,400,559	(line 16 - line 17)

Notes:

1	Zonal Annual Transmission Revenue Requirements (ATRR) posted per FERC ER12-140 and latest RRR file.
2	BPF (Base Plan Funded) Annual Transmission Revenue Requirements (ATRR) from SPP OATT, Attachment H (Westar Energy Zone).
3	Annual Charges in YE 2021 for Retail. (Schedule 1a-12 worksheet and Foreign Wires Retail - Actual SPP Billing)
4	Westar Zonal Allocation of SPP OATT Attachment H Table 2-A and 2-B, see calculation on "Region-Wide Allocation" tab.
5	See "Load Ratio Share" tab.
6	Data from SPP OATT Attachment H, Table 1, Column (3)
7	Data from SPP OATT Attachment H, Table 1, Column (4)
8	Data from SPP OATT Attachment H, Table 1, Column (5)
9	Data from SPP OATT Attachment H, Table 1, Column (6). This value is a reduction to Westar Zonal and became part of Region-wide Allocation to Westar Zone.
10	Includes all charges to serve load on Non-Westar (Foreign) Wires. (i.e. Morganville)
11	SPP Direct Assigned Transmission fees for Customer Updates
12	SPP Revenue Requirements and Rates Posted "RRR" file labeled: <a href="#">rrr for billis 2022 revenue requirements and rates.xlsx</a> . Latest 20220101 "RRR" version posted on SPP.org.
13	This value represents the amount SPP reallocations from Zonal ATRR to Region-wide ATRR.
14	Data from SPP OATT Attachment H, Table 1, Column (7)



Calculation of the amount of the Region-wide SPP ATRR allocated to the EKC Zone

Line#	Table 2-A	Annual Rev Req	SPP Tariff Schedule/Source
1	Total Regional Rev Req (2-A)	\$ 400,215,527	SPP "RRR" file - Attachment H, Table 2A Row 8
2	Westar Zonal Load	4,060.50	EKC Zonal Transmission System Peak Load, "EKC Zone", SPP Source
3	Total SPP Load (2-A)	37,313.11	SPP Regional Transmission System Peak, "Total Region Zones 1 - 18", SPP Source
4	% of Westar Load to SPP (2-A)	10.882%	(Line 2 / Line 3)
5	Westar Alloc of Region Costs (2-A)	\$ 43,551,454	(Line 1 * Line 4)
Line#	Table 2-B	Annual Rev Req	SPP Tariff Schedule/Source
6	Total Regional Rev Req (2-B)	\$ 233,467,351	SPP "RRR" file - Attachment H, Table 2B Row 8
7	Westar Zonal Load	4,060.50	EKC Zonal Transmission System Peak Load, "EKC Zone", SPP Source
8	Total SPP Load (2-B)	41,249.07	SPP Regional Transmission System Peak, "Total Region Zones 1 - 19 w/o FSE", SPP Source
9	% of Westar Load to SPP (2-B)	9.844%	(Line 7 / Line 8)
10	Westar Alloc of Region Costs (2-B)	\$ 22,982,526	(Line 6 * Line 9)
11	<b>TOTAL Westar Alloc of Region Costs</b>	<b>\$ 66,533,980</b>	(Total lines 5 + 10)

Notes:  
(a)

Southwest Power Pool, Inc.  
Regional and Zonal Transmission System Peak Loads (MW)  
Calendar Year 2021

SOURCE: rrr for bills January 2022 revenue requirements and rates rev 20220201 posted to SPP on 2-11-22

Zone	Monthly Peak Load (MW) 2021												Total	Average
	January	February	March	April	May	June	July	August	September	October	November	December		
AEP	7,661.000	9,274.000	6,485.000	6,048.000	7,606.000	9,629.000	10,113.000	10,188.000	10,153.000	7,917.000	6,466.000	6,771.000	98,311.000	8,192.583
EDE	885.458	1,272.344	819.511	760.047	810.597	1,071.655	1,100.990	1,097.749	950.946	761.766	786.982	830.026	11,148.071	929.006
EKC	3,316.000	3,987.000	3,053.000	3,114.000	4,044.000	5,273.000	5,447.000	5,432.000	4,899.000	3,959.000	2,998.000	3,204.000	48,726.000	4,060.500
EMe	2,511.626	3,268.638	2,281.313	2,179.258	2,880.500	3,755.567	3,907.800	3,941.272	3,359.911	2,689.489	2,219.949	2,399.550	35,394.873	2,949.573
EMW	1,332.001	1,811.000	1,251.000	1,137.000	1,456.000	1,853.000	1,958.000	1,963.000	1,732.999	1,417.000	1,195.000	1,308.999	18,414.999	1,534.583
GRDA	676.266	708.228	642.140	660.542	751.819	927.028	942.022	949.812	947.081	799.677	650.024	675.176	9,329.815	777.485
KCBPU	315.000	383.000	294.000	278.000	332.000	427.000	464.000	462.000	414.000	336.000	306.000	310.000	4,321.000	360.083
LES	501.431	629.949	453.829	509.968	544.664	750.843	767.090	776.388	654.148	555.185	448.135	494.653	7,086.283	590.524
MIDW	269.090	276.520	229.400	244.520	260.450	382.850	409.250	417.330	380.910	273.840	256.060	245.900	3,646.120	303.843
NPPD	2,284.857	2,588.766	1,994.109	1,935.245	1,868.482	3,339.756	3,717.515	3,608.974	2,582.701	1,967.116	2,221.685	2,314.766	30,423.972	2,535.331
OGE	4,689.625	5,758.480	4,129.516	3,910.101	4,981.568	6,338.941	6,580.129	6,764.680	6,748.748	5,327.326	4,133.973	4,348.492	63,711.579	5,309.298
OPPD	1,731.109	1,968.936	1,506.333	1,850.386	2,044.001	2,658.984	2,682.520	2,671.959	2,325.377	1,987.845	1,596.787	1,796.563	24,820.800	2,068.400
SECI	788.300	816.900	741.000	781.500	862.800	1,123.500	1,160.100	1,173.000	1,098.300	828.100	745.500	744.500	10,863.500	905.292
SPA	325.103	324.233	294.092	186.000	209.259	303.908	247.083	363.530	304.941	204.409	231.000	248.356	3,241.914	270.160
SPRM	443.000	546.000	405.000	396.000	524.000	687.000	720.000	721.000	636.000	492.000	398.000	423.000	6,391.000	532.583
SPS	4,143.007	4,403.422	4,118.368	4,328.178	4,693.072	5,449.514	5,289.455	5,619.037	5,327.040	4,228.768	3,875.528	3,912.792	55,388.181	4,615.682
UMZ W FSE	5,488.373	5,959.698	5,112.299	4,719.614	4,455.093	5,369.020	5,539.196	5,407.436	4,954.554	4,615.951	5,140.447	5,827.880	62,589.561	5,215.797
UMZ W/O FSE	3,928.880	4,363.847	3,686.248	3,337.228	3,548.245	4,202.670	4,276.532	4,204.676	3,979.609	3,720.474	3,680.920	4,302.261	47,231.590	3,935.966
WFEC	1,379.949	1,733.215	1,193.621	1,108.024	1,186.403	1,492.490	1,536.391	1,543.381	1,573.553	1,283.880	1,172.804	1,334.457	16,538.168	1,378.181

Total Region Zones 1 - 18	37,313.106 applicable to Table 2-A
Total Region Zones 1 - 19 w FSE	42,528.903 applicable to Thru&Out Zonal Sch 11 PTP Rate
Total Region Zones 1 - 19 w/o FSE	41,249.072 applicable to Table 2-B



TDC 2022  
Load Ratio Share

**Load Ratio Share for the 2021 Year**

<b>Transmission Network Load Adjustments</b>													
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	12 Month Average
	1/26/2021	2/15/2021	3/1/2021	4/26/2021	5/26/2021	6/17/2021	7/29/2021	8/24/2021	9/7/2021	10/8/2021	11/18/2021	12/21/2021	
1 Energy Accounting Sourced Transmission Peak Load Before Network Load Adjustments	3316	3,987	3,053	3,114	4,044	5,273	5,447	5,432	4899	3,959	2998	3,204	<b>4060.500</b>
2 Non-Firm Wholesale Load (a)	0	0	0	0	0	0	0	0	0	0	0	0	<b>0.000</b>
3 Non-WR NITS Generation (b)	0	0	0	0	0	0	0	0	0	0	0	0	<b>0.000</b>
4 Non-Balancing Area Load (c)	0	0	0	0	0	0	0	0	0	0	0	0	<b>0.000</b>
5 Adjusted Transmission Network Load (MW) (d)	3316	3987	3053	3114	4044	5273	5447	5432	4899	3959	2998	3204	<b>4060.500</b>

<b>Retail Load</b>													
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	12 Month Average
	1/26/2021	2/15/2021	3/1/2021	4/26/2021	5/26/2021	6/17/2021	7/29/2021	8/24/2021	9/7/2021	10/8/2021	11/18/2021	12/21/2021	
6 Energy Accounting Sourced Transmission Peak Load Before Network Load Adjustments	3316	3987	3053	3114	4044	5273	5447	5432	4899	3959	2998	3204	<b>4060.500</b>
7 Wholesale Load not served by OATT Network Service (Point to Point) (e)	0	0	0	0	0	0	0	0	0	0	0	0	<b>0.000</b>
8 Wholesale Load served by OATT Network Service - All NITS Wholesale Load (f)	592	749	554	494	651	883	937	906	811	666	530	569	<b>695.167</b>
9 Non-Balancing Area Load on Westar Wires not in Transmission Peak (g)	0	0	0	0	0	0	0	0	0	0	0	0	<b>0.000</b>
10 OATT Network Load Total excluding Retail NITS Agreement (Line 8+Line 9)	592	749	554	494	651	883	937	906	811	666	530	569	<b>695.167</b>
11 WRGS Retail NITS Agreement Network Load (Line 6 - Line 7 - Line 10) (h)	2,724	3,238	2,499	2,620	3,393	4,390	4,510	4,526	4,088	3,293	2,468	2,635	<b>3365.333</b>
12 Wholesale Load in WRGS Retail NITS (i)	0	0	0	0	0	0	0	0	0	0	0	0	<b>0.000</b>
13 Retail Load (Line 11 - Line 12) (j)	2,724	3,238	2,499	2,620	3,393	4,390	4,510	4,526	4,088	3,293	2,468	2,635	<b>3365.333</b>

<b>Retail Load Ratio Share MW</b>	
Retail Load	3365.333
Transmission Load	4060.500
<b>Retail Load Ratio Share</b>	<b>82.8798%</b>

Notes:

- (a) Non-Firm Wholesale Load: There is no non-firm wholesale load.
- (b) Non-KEC Generation which is not already included in EKC's Transmission Network Load is an adjustment. In 2021, all generation is included in the load.
- (c) Adjustment for load or generation connected to EKC's Network, but not in EKC's Balancing Area, and not included in the EKC's Transmission Network Load reported in line 1. No adjustment required for this year.
- (d) Adjusted EKC Transmission Network Load
- (e) Load served by PTP Service: None
- (f) Wholesale Load served by OATT Network Service. This includes all wholesale load within EKC's Transmission Network, except those served under PTP (see line 7)
- (g) Same as (c). No adjustment required for year.
- (h) Total NITS included in the Retail NITS Agreement with SPP.
- (i) Genco wholesale load is not included in the retail NTS agreement. All wholesale loads have been removed from the retail NITSA at this time. No adjustment needed.
- (j) Total RETAIL LOAD.

TDC 2022  
SPP Charges

SPP Charges for Retail Load in 2021 (Actuals from Prior Calendar Year)

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total
SPP Charge Ancillary 1A	\$ 572,224.72	\$ 540,685.70	\$ 203,475.99	\$ 936,682.16	\$ 579,499.55	\$ 567,536.57	\$ 583,591.43	\$ 583,046.48	\$ 570,542.56	\$ 583,477.34	\$ 571,729.72	\$ 590,720.23	\$ 6,883,212.45
SPP Charge Sch 12, Total Retail Load	\$ 130,053.64	\$ 140,710.04	\$ 147,665.71	\$ 111,783.48	\$ 100,314.03	\$ 102,566.50	\$ 124,892.26	\$ 146,039.39	\$ 152,072.32	\$ 151,527.18	\$ 123,500.18	\$ 104,323.56	\$ 1,535,448.29
Wholesale Distribution Delivery Charge (WDSC) Sch 10 (a)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Foreign Wires - MKEC-Morganville (b)	\$ 1,525.35	\$ 3,008.34	\$ 3,127.06	\$ 4,148.09	\$ 2,882.26	\$ 3,120.97	\$ 3,902.26	\$ 4,019.29	\$ 3,820.31	\$ 3,418.40	\$ 3,559.36	\$ 3,125.63	\$ 39,657.32
Direct Assigned Network Upgrades (SPP Charge) (c)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Assigned (d)	\$ 38,949.89	\$ 41,268.18	\$ 48,476.11	\$ 39,565.23	\$ 43,682.12	\$ 43,372.40	\$ 44,387.15	\$ 43,774.19	\$ 35,288.50	\$ 43,497.41	\$ 43,440.08	\$ 43,470.62	\$ 509,171.88

Notes:

- (a) SPP Schedule 10, approved by FERC; ER17-221; Terminated ER18-2385
- (b) All charges for transmission and distribution services for serving Westar EKC's Load on MKEC Wires. (i.e. City of Morganville Load).
- (c) SPP Facility Upgrade Reservations 73447934 is for Flat Ridge and 73447931 is for Meridian Way, Cancelled in ER20-912 and ER20-1095
- (d) Determined by SPP related to other customers use of the upgrade facilities.

TDC 2022  
Adjustment Factor

2022 TDC Adjustment Factor

	(a)	(b)	(c) (a) * (b)	(d)	(c) (c) + (d)
formula:					
$AF = \left[ \frac{(ATRR_2 \times LRS_2)}{(ATRR_1 \times LRS_1)} \right] \times \left( \frac{y_1}{y_2} \right)$	<u>Total</u> <u>Rev Requirement</u>	<u>LRS</u>	<u>Westar Retail</u> <u>NITS costs</u>	<u>annual SPP</u> <u>charges</u>	<u>Annual Retail</u> <u>Trans Costs</u>
	\$ 363,233,130	82.87977671%	\$ 301,046,807	\$ 8,967,490	\$ 310,014,297
	<u>\$ 328,632,267</u>	<u>82.90633463%</u>	<u>\$ 272,456,967</u>	<u>\$ 17,156,771</u>	<u>\$ 289,613,738</u>

Adjustment Factor Calculation	<u>ATRR</u>	<u>retail kWh</u>		<u>ratio (ATRR)</u>	<u>ratio (energy)</u>	
ATRR year 2 (2021)	\$ 310,014,297	18,537,799,981	kWh year 1 (2020)	1.0704	0.9542	1.02147 = AF
ATRR year 1 (2020)	\$ 289,613,738	19,426,581,924	kWh year 2 (2021)			

2020 kWh	
KP	9,342,474,242
KG	<u>9,195,325,739</u>
	18,537,799,981

2021 kWh	
KP	9,723,791,228
KG	<u>9,702,790,696</u>
	19,426,581,924

TDC 2022  
Rate Calculation

**2022 Rate Calculation**

TRANSMISSION DELIVERY CHARGE Rate Class	existing \$ per kW	existing \$ per kWh	rate adjustment factor	
			new \$ per kW	<u>new</u> <b>1.02147</b> \$ per kWh
Residential		0.018810		0.019214
Residential DG		0.016567		0.016923
Small General Service		0.017455		0.017830
Medium General Service	5.723022		5.845878	
Schools - Educational		0.021101		0.021554
Restricted Institutions Time of Day (RITODS)		0.016739		0.017098
Lighting		0.001483		0.001515
Large General Service	5.557416		5.676717	
Industrial and Large Power	6.775456		6.920905	
Large Tire Manufacturers	6.311323		6.446808	
Interruptible Contract Service	4.562963		4.660916	
Special Contract A & B		0.011179		0.011419
Special Contract C		0.012697		0.012970

TDC 2022  
Residential Standard Rate Impact

**Residential Standard rate impact with 2022 TDC**

			usage - kWh			
	<u>current</u>	<u>proposed</u>	<u>current</u>	<u>proposed</u>	900	
customer charge	\$ 14.50	\$ 14.50	\$ 14.50	\$ 14.50		
winter						
500	\$ 0.072368	\$ 0.072368	\$ 36.18	\$ 36.18		
400	\$ 0.072368	\$ 0.072368	\$ 28.95	\$ 28.95		
all add'l	\$ 0.059153	\$ 0.059153				
summer						
500	\$ 0.072368	\$ 0.072368	\$ 36.18	\$ 36.18		
400	\$ 0.072368	\$ 0.072368	\$ 28.95	\$ 28.95		
all add'l	\$ 0.079826	\$ 0.079826				
RECA	\$ 0.021801	\$ 0.021801	\$ 19.62	\$ 19.62		
TDC	\$ 0.018810	\$ 0.019214	\$ 16.93	\$ 17.29		
PTS	\$ 0.001230	\$ 0.001230	\$ 1.11	\$ 1.11		
EER	\$ 0.000199	\$ 0.000199	\$ 0.18	\$ 0.18		
	increase					
total bill winter			\$ 117.47	\$ 117.83	\$ 0.36	0.31%
total bill summer			\$ 117.47	\$ 117.83	\$ 0.36	0.31%
	annual impact		\$ 1,409.64	\$ 1,413.96	\$ 4.32	<b>0.31%</b>
	monthly impact		\$ 117.47	\$ 117.83	\$ 0.36	