



February 15, 2018

Jeff McClanahan
Director, Utilities
Kansas Corporation Commission
1500 SW Arrowhead Rd.
Topeka, Kansas 666604-4027

18-WSEE-355-TAR

RE: Transmission Delivery Charge

Dear Mr. McClanahan:

Westar Energy, Inc. and Kansas Gas and Electric Company both doing business as Westar Energy 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.

Westar 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 bill cycle 1 of April which is April 3, 2018.

Please feel free to call me at 575-1580 with any questions concerning this filing.

Sincerely,

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

Robin Allacher
Regulatory Affairs

Cc: Larry Wilkus
Enc.

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THE STATE CORPORATION COMMISSION OF KANSAS

WESTAR ENERGY, INC & KANSAS GAS & ELECTRIC COMPANY, d.b.a. WESTAR ENERGY

SCHEDULE _____ TDC _____

(Name of Issuing Utility)

Replacing Schedule _____ TDC _____ Sheet _____ 1 _____

WESTAR RATE AREA

(Territory to which schedule is applicable)

which was filed ~~June 28, 2016~~ March 30, 2017

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

Sheet 1 of 6 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 3 2018
Month Day Year

By _____
Jeffrey L. Martin, Vice President

THE STATE CORPORATION COMMISSION OF KANSAS

WESTAR ENERGY, INC & KANSAS GAS & ELECTRIC COMPANY, d.b.a. WESTAR ENERGY

SCHEDULE _____ TDC _____

(Name of Issuing Utility)

Replacing Schedule _____ TDC _____ Sheet _____ 2 _____

WESTAR RATE AREA

(Territory to which schedule is applicable)

which was filed June 28, 2016 March 30, 2017

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Sheet 2 of 6 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 September 30, 2014. 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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SCHEDULE _____ TDC _____

(Name of Issuing Utility)

Replacing Schedule _____ TDC _____ Sheet _____ 3 _____

WESTAR RATE AREA

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Sheet 3 of 6 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,

ATTR₁ = ATRR for the Company combined in Year 1,ATTR₂ = ATRR for the Company combined in Year 2,LRS₁ = Load Ratio Share (LRS) of the aggregated retail transmission customers for the Company combined in Year 1,LRS₂ = LRS of the aggregated retail transmission customers for the Company combined in Year 2,y₁ = Total retail sales volume in kWh for the Company combined in Year 1, andy₂ = Total retail sales volume in kWh for the Company combined in Year 2.

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

Where:

TDC₁(x) = TDC Unit Charge for Retail Class x in Year 1,TDC₂(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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SCHEDULE _____ TDC _____

(Name of Issuing Utility)

Replacing Schedule _____ TDC _____ Sheet _____ 4 _____

WESTAR RATE AREA

(Territory to which schedule is applicable)

which was filed June 28, 2016 March 30, 2017

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Sheet 4 of 6 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>
Special Contracts		\$0.00 <u>97938594</u>
Dedicated Off-Peak Service		\$0.01 <u>28664294</u>
Generation Substitution Service		\$0.01 <u>28664294</u>
Large General Service	\$4. <u>68324740985</u> 9	
Industrial and Large Power Service	\$4. <u>68324740985</u> 9	
Interruptible Contract Service		\$0.00 <u>79416969</u>
Large Tire Manufacturing (per KVa)	\$4. <u>84044724781</u> 2	
Medium General Service	\$3. <u>93493045316</u> 4	
Off-Peak Service		\$0.01 <u>28664294</u>
Pilot LED Street Lighting		\$0.00 <u>90757964</u>
Security Area Lighting		\$0.00 <u>90757964</u>

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SCHEDULE TDC

(Name of Issuing Utility)

Replacing Schedule TDC Sheet 5

WESTAR RATE AREA

(Territory to which schedule is applicable)

which was filed June 28, 2016 March 30, 2017

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Sheet 5 of 6 Sheets

TRANSMISSION DELIVERY CHARGE

Restricted Institution Time of Day Service \$0.01 ~~67704717~~

<u>Rate Schedule (Cont)</u>	<u>\$ per kW</u>	<u>\$ per kWh</u>
-----------------------------	------------------	-------------------

Residential Service \$0.0 ~~2037747882~~

Residential Service – Distributed Generation \$0.0 ~~2037747882~~

Restricted Educational Institution Service \$0.0 ~~1011208874~~

Restricted Service to Schools \$0.0 ~~1011208874~~

Restricted Total Electric – School and Church Service \$0.0 ~~1011208874~~

Short-Term Service \$0.01 ~~28664294~~

Small General Service \$0.01 ~~28664294~~

Small General Service – Church Option \$0.01 ~~28664294~~

Standard Educational Service \$0.0 ~~1011208874~~

Street Lighting \$0.00 ~~90757964~~

Time of Use – Pilot \$0.0 ~~2037747882~~

Traffic Signal Service \$0.00 ~~90757964~~

DEFINITIONS AND CONDITIONS

Company for the purposes of this rate schedule or rider is defined as Westar Energy, Inc. and

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 Jeffrey L. Martin, Vice President

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THE STATE CORPORATION COMMISSION OF KANSAS

WESTAR ENERGY, INC & KANSAS GAS & ELECTRIC COMPANY, d.b.a. WESTAR ENERGY

SCHEDULE _____ TDC _____

(Name of Issuing Utility)

Replacing Schedule _____ TDC _____ Sheet _____ 6 _____

WESTAR RATE AREA

(Territory to which schedule is applicable)

which was filed ~~June 28, 2016~~ [March 30, 2017](#)

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Sheet 6 of 6 Sheets

TRANSMISSION DELIVERY CHARGE

Kansas Gas and Electric Company.

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THE STATE CORPORATION COMMISSION OF KANSAS

WESTAR ENERGY, INC & KANSAS GAS & ELECTRIC COMPANY, d.b.a. WESTAR ENERGY

(Name of Issuing Utility)

WESTAR RATE AREA

(Territory to which schedule is applicable)

SCHEDULE TDC

Replacing Schedule TDC Sheet 1

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Sheet 1 of 5 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

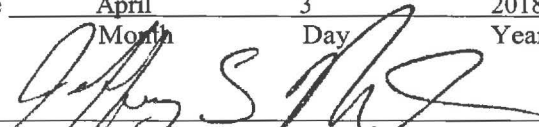
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(Name of Issuing Utility)

WESTAR RATE AREA

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SCHEDULE TDC

Replacing Schedule TDC Sheet 2

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Sheet 2 of 5 Sheets

TRANSMISSION DELIVERY CHARGE

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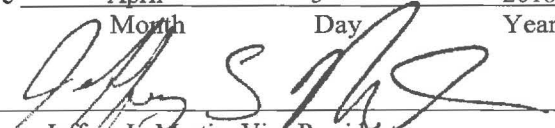
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SCHEDULE TDC

Replacing Schedule TDC Sheet 4

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Sheet 4 of 5 Sheets

TRANSMISSION DELIVERY CHARGE

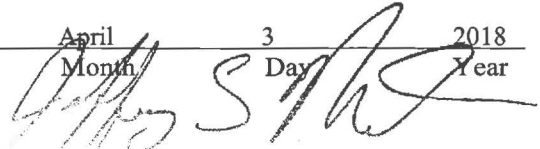
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<u>Rate Schedule</u>	<u>\$ per kW</u>	<u>\$ per kWh</u>
Special Contracts		\$0.009793
Dedicated Off-Peak Service		\$0.012866
Generation Substitution Service		\$0.012866
Large General Service	\$4.683247	
Industrial and Large Power Service	\$4.683247	
Interruptible Contract Service		\$0.007941
Large Tire Manufacturing (per KV _a)	\$4.840447	
Medium General Service	\$3.934930	
Off-Peak Service		\$0.012866
Pilot LED Street Lighting		\$0.009075
Security Area Lighting		\$0.009075
Restricted Institution Time of Day Service		\$0.016770

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WESTAR RATE AREA

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SCHEDULE TDC

Replacing Schedule TDC Sheet 5

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Sheet 5 of 5 Sheets

TRANSMISSION DELIVERY CHARGE

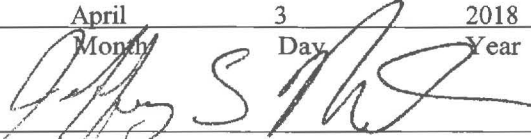
<u>Rate Schedule (Cont)</u>	<u>\$ per kW</u>	<u>\$ per kWh</u>
Residential Service		\$0.020377
Residential Service – Distributed Generation		\$0.020377
Restricted Educational Institution Service		\$0.010112
Restricted Service to Schools		\$0.010112
Restricted Total Electric – School and Church Service		\$0.010112
Short-Term Service		\$0.012866
Small General Service		\$0.012866
Small General Service – Church Option		\$0.012866
Standard Educational Service		\$0.010112
Street Lighting		\$0.009075
Time of Use – Pilot		\$0.020377
Traffic Signal Service		\$0.009075

DEFINITIONS AND CONDITIONS

Company for the purposes of this rate schedule or rider is defined as Westar Energy, Inc. and Kansas Gas and Electric Company.

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Amount of Westar Zonal Revenue Requirements
SPP Tariff
2018 TDC Calculation

Line#	SPP Rates Effective 1/1/2018	Annual Rev Req	SPP Tariff Schedule
1	Westar Zonal ATRR	\$ 177,442,910	Schedule 9 (Notes 1, 6, 12)
2	Westar BPF Zonal ATRR: NTC prior to June 19, 2010	\$ 33,695,468	Schedule 11 (Notes 2, 7, 12)
3	Westar BPF Zonal ATRR: NTC on or after June 19, 2010	\$ 33,830,852	Schedule 11 (Notes 2, 8, 12)
4	Westar 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 (Z2)	\$ 1,002,196	Schedule 11 (Note 14, 12)
6	Region-wide Allocation to Westar Zone	\$ 74,298,338	Schedule 11 (Note 4, 12,13)
7	Total ATRR for Westar Zone	\$ 315,208,296	
8	Retail Load Ratio Share (2017-Note 5)	83.20776138%	(Tab: Load Ratio Share)(Note 5)
9	Westar Retail SPP Network Service Costs	\$ 262,277,767	(line 6 * line 7)

	Actual 2017 SPP Charges for Retail Load, excluding Sch 9 & 11	Total Dollars	Service Type
10	SPP Administrative Fee	\$ 12,219,774	Schedule 1A (Note 3)
11	Facility Charges on Westar System (WDSC)	\$ 214,430	Schedule 10 (Note 3)
12	FERC Assessment Fees	\$ 1,188,816	Schedule 12 (Note 3)
13	Westar Retail Load on Foreign Wires (all costs)	\$ 30,967	Note 10
14	SPP Direct Assigned Transmission Customer Upgrades Costs	\$ 146,651	Note 11
15	Total	\$ 13,800,639	Sum (lines 9 - 13)

16	Total Annual Transmission Cost	\$ 276,078,406	(line 8 + line 14)
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Comparison Current Year to Proposed Year

17	Current Level of TDC	\$ 244,621,574	(Prev. Yrs. Retail Trans. Svcs.)
18	Change in TDC	\$ 31,456,832	(line 15 - line 16)

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 2017 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 (i.e. Meridian Way and Flat Ridge).
12	SPP Revenue Requirements and Rates Posted "RRR" file labeled: rrr_for_billis_2018-01-01_revenue_requirements_and_rates_rev20180206.xlsx". Latest 20180101 "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 Westar Zone

Line#	Table 2-A	Annual Rev Req	SPP Tariff Schedule/Source
1	Total Regional Rev Req (2-A)	\$ 530,579,368	SPP "RRR" file - Attachment H, Table 2A Row 8
2	Westar Zonal Load	4,037.08	Westar Zonal Transmission System Peak Load, "Westar Zone", SPP Source
3	<u>Total SPP Load (2-A)</u>	<u>35,524.99</u>	<u>SPP Regional Transmission System Peak, "Total Region Zones 1 - 18", SPP Source</u>
4	% of Westar Load to SPP (2-A)	11.364%	(Line 2 / Line 3)
5	Westar Alloc of Region Costs (2-A)	\$ 60,295,039	(Line 1 * Line 4)
Line#	Table 2-B	Annual Rev Req	SPP Tariff Schedule/Source
6	Total Regional Rev Req (2-B)	\$ 135,743,494	SPP "RRR" file - Attachment H, Table 2B Row 8
7	Westar Zonal Load	4,037.08	Westar Zonal Transmission System Peak Load, "Westar Zone", SPP Source
8	<u>Total SPP Load (2-B)</u>	<u>39,134.44</u>	<u>SPP Regional Transmission System Peak, "Total Region Zones 1 - 19 w/o FSE", SPP Source</u>
9	% of Westar Load to SPP (2-B)	10.316%	(Line 7 / Line 8)
10	Westar Alloc of Region Costs (2-B)	\$ 14,003,299	(Line 6 * Line 9)
11	<u>TOTAL Westar Alloc of Region Costs</u>	\$ 74,298,338	(Total lines 5 + 10)

Notes:
(a)

Transmission Network Load Adjustments Section

Energy Accounting Sourced Transmission Peak Load Before Network Load Adjustments			Firm Schedules (a)	Firm Contract Reservations (b)	Non-Firm Wholesale Load (c)	Non-WR NITS Generation (d)	Non-Balancing Area Load (e)	Adjusted Transmission Network Load (MW) (f)
Peak date	Time	MW	Total Firm Schedules (Disc)	Total Firm Reservations (Disc)				
1	2	3	4	5	6	6a	6b	7
								(3-4+5-6+6a+6b)
1/6/2017	8	3617	-	-	0.000	0.000	0.000	3617.0
2/9/2017	8	3248	-	-	0.000	0.000	0.000	3248.0
3/13/2017	11	3187	-	-	0.000	0.000	0.000	3187.0
4/19/2017	15	3338	-	-	0.000	0.000	0.000	3338.0
5/15/2017	17	4103	-	-	0.000	0.000	0.000	4103.0
6/15/2017	17	4988	-	-	0.000	0.000	0.000	4988.0
7/20/2017	17	5508	-	-	0.000	0.000	0.000	5508.0
8/20/2017	18	4804	-	-	0.000	0.000	0.000	4804.0
9/21/2017	17	5008	-	-	0.000	0.000	0.000	5008.0
10/2/2017	16	3934	-	-	0.000	0.000	0.000	3934.0
11/27/2017	19	3097	-	-	0.000	0.000	0.000	3097.0
12/27/2017	19	3613	-	-	0.000	0.000	0.000	3613.0
12 month avg.		4,037	-	-	-	-	-	4037.1

Retail Load Section

Energy Accounting Sourced Transmission Peak Load Before Network Load Adjustments			Point-to-Point Transmission Service		Network Service providing under Southwest Power Pool Open Access Transmission Tariff (SPP OATT)					
Peak date	Time	MW	Wholesale Load not served by OATT Network Service		Wholesale Load served by OATT Network Service			WRGS Retail NITS Agreement		
			Wholesale Load (g)	Wholesale Load Total	All NITS Wholesale Load (h)	Non-BA Load on Westar Wires not in Transmission Peak (i)	OATT Network Load Total excluding Retail NITS Agreement	WRGS Retail NITS Agreement Network Load (j)	Wholesale Load in WRGS Retail NITS (k)	Retail Load (l)
1	2	3	8a	8	9a	9b	9	10	11	12
				(8a)			(9a+9b)	(3-8-9)		(10-11)
1/6/2017	8	3,617	0.000	0.000	658.000	0.000	658.000	2,959	0.000	2,959.0
2/9/2017	8	3,248	0.000	0.000	575.000	0.000	575.000	2,673	0.000	2,673.0
3/13/2017	11	3,187	0.000	0.000	563.000	0.000	563.000	2,624	0.000	2,624.0
4/19/2017	15	3,338	0.000	0.000	517.000	0.000	517.000	2,821	0.000	2,821.0
5/15/2017	17	4,103	0.000	0.000	650.000	0.000	650.000	3,453	0.000	3,453.0
6/15/2017	17	4,988	0.000	0.000	816.000	0.000	816.000	4,172	0.000	4,172.0
7/20/2017	17	5,508	0.000	0.000	919.000	0.000	919.000	4,589	0.000	4,589.0
8/20/2017	18	4,804	0.000	0.000	832.000	0.000	832.000	3,972	0.000	3,972.0
9/21/2017	17	5,008	0.000	0.000	824.000	0.000	824.000	4,184	0.000	4,184.0
10/2/2017	16	3,934	0.000	0.000	629.000	0.000	629.000	3,305	0.000	3,305.0
11/27/2017	19	3,097	0.000	0.000	498.000	0.000	498.000	2,599	0.000	2,599.0
12/27/2017	19	3,613	0.000	0.000	654.000	0.000	654.000	2,959	0.000	2,959.0
12 month avg.		4,037			678	-	678	3,359	-	3359.2

Source: Transmission Accounting, BRReuter

Retail LRS	MW
Retail Load	3359.1667
Trans Load	4037.0833
Retail Load Ratio Share	83.20776138%

General Notes

All shown loads are 2017 values

Reference Notes related to 2017

Transmission Network Load Adjustments Section

- (a) Firm PTP Schedule not under SPP OATT: There are no contracts active to be scheduled against. (Disc) = Discontinued.
- (b) Firm PTP Reservation not under SPP OATT: There are no reservations active to be scheduled against. (Disc) = Discontinued.
- (c) Non-Firm Wholesale Load: There is no non-firm wholesale load.
- (d) Non-Westar Generation which is not already included in Westar's Transmission Network Load is an adjustment. In 2017, all generation is included in the load.
- (e) Adjustment for load or generation connected to Westar's Network, but not in Westar's Balancing Area, and not included in the Westar's Transmission Network Load reported in column 3. No adjustment required for this year.
- (f) Adjusted Westar Transmission Network Load

Calculation of Retail Load Section

- (g) Load served by PTP Service: None
- (h) Wholesale Load served by OATT Network Service. This includes all wholesale load within Westar's Transmission Network, except those served under PTP (see Column g)
- (i) Same as (e). No adjustment required for year.
- (j) Total NITS included in the Retail NITS Agreement with SPP.
- (k) 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.
- (l) Total RETAIL LOAD.

TDC 2017
SPP ATRR + LRS

SPP Charges for Retail Load - YE 2017

Month	SPP Charge		Wholesale Distribution Delivery Charge
	Ancilliary 1a	Total: Sch 12 Total Retail Load (a)	WDSC-Schedule 10 (c)
Jan	\$ 914,272.60	\$ 103,024.64	\$ -
Feb	\$ 1,049,313.04	\$ 102,609.20	\$ 19,493.66
March	\$ 947,766.62	\$ 87,759.27	\$ 19,493.66
Apr	\$ 1,047,902.67	\$ 83,640.52	\$ 19,493.66
May	\$ 1,015,464.23	\$ 83,551.31	\$ 19,493.66
June	\$ 1,015,464.23	\$ 83,551.31	\$ 19,493.66
July	\$ 1,049,313.04	\$ 106,501.67	\$ 19,493.66
Aug	\$ 1,049,313.04	\$ 123,602.31	\$ 19,493.66
Sept	\$ 1,049,313.04	\$ 119,693.13	\$ 19,493.66
Oct	\$ 1,015,464.23	\$ 109,943.15	\$ 19,493.66
Nov	\$ 1,049,313.04	\$ 96,901.97	\$ 19,493.66
Dec	\$ 1,016,874.60	\$ 88,037.12	\$ 19,493.66
Totals	12,219,774.38	1,188,815.60	\$ 214,430.26

Foreign Wires Retail Load - YE 2017

Month	MKEC-Morganville (b)	- not in use -	Total Foreign Wires
Jan	\$ 2,297.99	0.00	2,297.99
Feb	\$ 2,502.16	0.00	2,502.16
March	\$ 1,697.69	0.00	1,697.69
Apr	\$ 2,313.01	0.00	2,313.01
May	\$ 2,137.10	0.00	2,137.10
June	\$ 2,137.10	0.00	2,137.10
July	\$ 3,578.14	0.00	3,578.14
Aug	\$ 3,253.93	0.00	3,253.93
Sept	\$ 2,704.94	0.00	2,704.94
Oct	\$ 2,947.12	0.00	2,947.12
Nov	\$ 2,586.93	0.00	2,586.93
Dec	\$ 2,811.36	0.00	2,811.36
Totals	30,967.47	-	30,967.47

Notes:

(a)	SPP's Schedule 12 charge for Westar's Retail Load.
(b)	All charges for transmission and distribution services for serving Westar Energy's Load on MKEC Wires. (i.e. City of Morganville Load).
(c)	SPP Schedule 10, approved by FERC; ER17-221

Source: D. Feeney Power Accounting

TDC 2017
SPP ATRR + LRS

DIRECT ASSIGNED NETWORK UPGRADES

Direct assigned transmission fees related to Meridian Way and Flat Ridge Generation - new SPP charges since Docket No. 10-WSEE-507-TAR TDC filing.

SPP Facility Upgrade Reservations 73447934 is for Flat Ridge and 73447931 is for Meridian Way

Month	SPP Charge		
	Total: Direct Assigned Network Upgrades	Less: Credits (a)	Net: Direct Assigned Network Upgrades
Jan	\$ 229,303.43	200,609.75	28,693.68
Feb	\$ 229,303.43	203,241.17	26,062.26
March	\$ 229,303.43	203,253.48	26,049.95
Apr	\$ 229,303.43	203,297.81	26,005.62
May	\$ 229,303.43	203,300.55	26,002.88
June	\$ 229,303.43	203,300.55	26,002.88
July	\$ 229,303.43	176,126.39	53,177.04
Aug	\$ 229,303.43	176,992.21	52,311.22
Sept	\$ 229,303.43	176,981.65	52,321.78
Oct	\$ 229,303.43	395,320.32	-166,016.89
Nov	\$ 229,303.43	248,556.50	-19,253.07
Dec	\$ 229,303.43	214,009.81	15,293.62
Totals	2,751,641.16	2,604,990.19	146,650.97

Notes:

- (a) Credits are determined by SPP related to other customers use of the upgrade facilities.

Source: [Derek Feeney, Westar Energy Power Accounting](#)

NETWORK PEAK LOAD ADJUSTMENTS
Source: [Transmission Accounting, BReuter 01/17/18](#)

Start Date 1/1/2017
End Date 12/31/2017
Time Zone CPT
Time Stamp Wednesday, January 17, 2018 12:31:55 PM
Filter Name westar transmission load

MeterID	Meter	Month	Peak Day	Peak HE	Value
1517	westar transmission load	1/2017	01/06/2017	8	3617
1517	westar transmission load	2/2017	02/09/2017	8	3248
1517	westar transmission load	3/2017	03/13/2017	11	3187
1517	westar transmission load	4/2017	04/19/2017	15	3338
1517	westar transmission load	5/2017	05/15/2017	17	4103
1517	westar transmission load	6/2017	06/15/2017	17	4988
1517	westar transmission load	7/2017	07/20/2017	17	5508
1517	westar transmission load	8/2017	08/20/2017	18	4804
1517	westar transmission load	9/2017	09/21/2017	17	5008
1517	westar transmission load	10/2017	10/02/2017	16	3934
1517	westar transmission load	11/2017	11/27/2017	19	3097
1517	westar transmission load	12/2017	12/27/2017	19	3613

Retail load calculation support
Source: [Transmission Accounting, BReuter 01/17/18](#)

Month	Column 8 Wholesale Load Not Served by OATT		Column 9a Wholesale		Column 9b Non-BA load on Westar Wires not in Transmission Peak		Column 11	Column 12
	Column 3 Transmission Load	Network Service	Wholesale	Transmission Peak	Wholesale Load in WRGS Retail NITS	Retail Load		
	Jan	3,617	0	658	0.0000	0.0000	2,959	2,959
Feb	3,248	0	575	0.0000	0.0000	2,673	2,673	
Mar	3,187	0	563	0.0000	0.0000	2,624	2,624	
Apr	3,338	0	517	0.0000	0.0000	2,821	2,821	
May	4,103	0	650	0.0000	0.0000	3,453	3,453	
Jun	4,988	0	816	0.0000	0.0000	4,172	4,172	
Jul	5,508	0	919	0.0000	0.0000	4,589	4,589	
Aug	4,804	0	832	0.0000	0.0000	3,972	3,972	
Sep	5,008	0	824	0.0000	0.0000	4,184	4,184	
Oct	3,934	0	629	0.0000	0.0000	3,305	3,305	
Nov	3,097	0	498	0.0000	0.0000	2,599	2,599	
Dec	3,613	0	654	0.0000	0.0000	2,959	2,959	

Calculation of Retail Load Section	
(d)	Load served by PTP Service: None
(e)	Wholesale Load served by OATT Network Service. This includes all wholesale load within Westar's Transmission Network, except those served under PTP (see Column d)
(f)	No adjustment required for year.
(g)	No adjustment required for year.
(h)	Total RETAIL LOAD.

Southwest Power Pool, Inc.
Regional and Zonal Transmission System Peak Loads (MW)
Calendar Year 2017

Zone	Monthly Peak Load (MW) 2017												Total	Average
	January	February	March	April	May	June	July	August	September	October	November	December		
CSWS (AEP)	8,233	6,513	6,678	6,427	8,021	9,231	9,986	9,436	9,193	8,142	6,023	7,776	95,659	7,972
EDE	1,028.00	871.00	850.00	658.00	806.00	935.00	1,075.00	968.00	985.00	798.00	747.00	981.00	10,702.00	891.833
GMO	1,556.51	1,318.43	1,260.43	1,122.41	1,454.55	1,778.69	1,950.80	1,661.65	1,723.67	1,355.53	1,158.37	1,497.49	17,838.52	1,486.543
GRDA	721.00	647.00	633.00	615.00	731.00	722.00	763.00	722.00	718.00	591.00	489.00	558.00	7,910.00	659.167
KCPL	2,865.787	2,550.336	2,381.139	2,380.827	3,019.398	3,615.223	3,945.229	3,324.256	3,481.982	2,811.360	2,298.146	2,882.674	35,556.357	2,963.030
LES	565.00	507.00	492.00	433.00	613.00	712.00	763.00	650.00	695.00	503.00	458.00	572.00	6,963.00	580.25
MKEC	446	416	397	405	478	625	648	585	559	449	393	466	5,868.20	489.017
MIDW	269.90	253.00	244.70	251.70	277.70	386.30	433.90	370.90	359.90	257.90	258.00	278.10	3,642.00	303.500
NPPD	2,514.394	2,178.060	2,108.602	1,757.634	1,807.688	2,924.656	3,442.613	3,039.109	2,440.702	2,006.364	2,153.265	2,381.728	28,754.815	2,396.235
OKGE	4,990.882	4,263.246	4,411.228	4,162.175	5,259.983	6,004.577	6,527.041	6,136.970	5,930.633	4,844.422	3,912.595	4,923.777	61,367.53	5,113.961
OPPD	1,784.74	1,666.31	1,557.88	1,389.85	2,029.68	2,364.56	2,592.11	2,192.91	2,373.84	1,721.51	1,592.23	1,850.62	23,116.24	1,926.353
SECI	327	325	334	329	346	482	515	414	436	321	388	325	4,541.70	378.475
SPRM	477.00	426.00	410.00	443.00	539.00	616.00	716.00	634.00	660.00	515.00	393.00	463.00	6,292.00	524.333
SPS	4,219.00	3,928.00	4,018.00	4,150.00	4,659.00	5,649.00	5,816.00	5,002.00	5,062.00	3,889.00	3,829.00	4,244.00	54,465.00	4,538.75
WFEC	1,496.11	1,195.59	1,089.90	977.23	1,219.02	1,364.51	1,462.25	1,390.38	1,321.86	1,161.17	1,065.82	1,434.72	15,178.57	1,264.881
WR	3,617.00	3,248.00	3,187.00	3,338.00	4,103.00	4,988.00	5,508.00	4,804.00	5,008.00	3,934.00	3,097.00	3,613.00	48,445.00	4,037.083
Zone 19 W FSE	5,441.50	5,303.81	5,008.32	4,253.35	3,941.83	4,688.27	5,044.91	4,783.57	4,553.67	4,687.33	5,056.55	5,443.88	58,207.01	4,850.584
Zone 19 W/O FSE	4,016.46	3,754.10	3,651.99	3,184.76	3,030.91	3,592.94	3,828.86	3,550.14	3,463.06	3,728.28	3,618.80	3,893.07	43,313.35	3,609.446

includes INDN

Total Region Zones 1 - 18	35,524.994	applicable to Table 2-A
Total Region Zones 1 - 19 w FSE	40,375.578	applicable to Thru&Out Zonal Sch 11 PTP Rate
Total Region Zones 1 - 19 w/o FSE	39,134.440	applicable to Table 2-B

Southwest Power Pool, Inc.

ATTACHMENT H
Annual Transmission Revenue Requirement For Network
Integration Transmission Service

Table 1 0.875 11

(1) Zone	(2)	(3) Zonal ATRR (FROM Transmission Owner)	(4) Base Plan Zonal ATRR	(5) Base Plan Zonal ATRR after June 19, 2010	(6) ATRR Reallocated to Balanced Portfolio Region-wide ATRR	(7) Base Plan Zonal ATRR to pay Upgrade Sponsors	Column 3 Effective date	
1	American Electric Power –West (Total)	\$266,421,327	\$39,391,683	\$44,210,535	\$6,124,602	\$3,229,078	Effective 1/1/2018	annual formula update
1a	American Electric Power (Public Service Company of Oklahoma and Southwestern Electric Power Company) See Section II.3	\$178,114,958	\$37,309,348	\$34,264,715			Effective 1/1/2018	annual formula update
1b	East Texas Electric Cooperative, Inc.	\$4,444,186					Effective 5/1/2016	
1c	Tex-La Electric Cooperative of Texas, Inc.	\$1,785,775					Effective 5/1/2016	
1d	Deep East Texas Electric Cooperative, Inc.	\$981,824					Effective 5/1/2016	
1e	Oklahoma Municipal Power Authority	\$752,198					Effective 4/1/2015	
1f	AEP West Transmission Companies (AEP Oklahoma Transmission Company, Inc and AEP Southwestern Transmission Company, Inc)	\$79,381,004	\$1,975,301	\$9,945,820			Effective 1/1/2018	annual formula update
1g	Colleyville Municipal Light and Power (CMPLP)	\$378,405					Effective 7/1/2013	
1h	Arkansas Electric Cooperative Corporation	\$582,977	\$107,034				Effective 6/1/2017	annual formula update
2	Reserved for Future Use							
3	City Utilities of Springfield, Missouri	\$13,327,312	\$272,422	\$0	\$4,133,640	\$0	Effective 4/1/2017	annual formula update
4	Empire District Electric Company	\$36,085,420	\$3,013,817	\$0	\$7,195,852	\$19,826	Effective 7/1/2017	annual formula update
5	Grand River Dam Authority	\$33,535,782	\$5,542,411	\$1,049,813	\$3,529,095	\$47,997	Effective 8/1/2017	annual formula update
6	Kansas City Power & Light Company (TOTAL)	\$51,063,381	\$2,934,285	\$91,673	\$5,761,657	\$285,212	Effective 1/1/2018	annual formula update
6a	Kansas City Power & Light Company	\$46,238,403	\$2,934,285	\$91,673			Effective 1/1/2018	annual formula update
6b	City of Independence, Missouri	\$4,824,978					Effective 1/1/2018	
7	Oklahoma Gas and Electric (Total)	\$122,125,221	\$14,347,506	\$11,974,087	(\$4,581,573)	\$6,114,049	Effective 1/1/2018	annual formula update
7a	Oklahoma Gas and Electric	\$121,384,776	\$14,347,506	\$11,974,087			Effective 1/1/2018	annual formula update
7b	Oklahoma Municipal Power Authority	\$356,806					Effective 6/1/2010	
7c	Arkansas Electric Cooperative Corporation	\$383,639					Effective 6/1/2017	annual formula update
8	Midwest Energy, Inc.	\$14,074,784	\$375,451	\$2,424,035		\$118,027	Effective 9/1/2017	annual formula update
9	KCP&L Greater Missouri Operations Company (Total)	\$42,021,863	\$1,268,414	\$18,126	\$12,825,383	\$2,036	Effective 1/1/2018	annual formula update
9a	KCP&L Greater Missouri Operations Company	\$42,021,863	\$1,268,414	\$18,126			Effective 1/1/2018	annual formula update
9b	Transource Missouri, LLC	\$0					Effective 1/1/2018	annual formula update
10	Southwestern Power Administration (Total)	\$15,533,800	\$0	\$0			Effective 6/1/2017	
10a	Southwestern Power Administration Zonal ATRR (Non-Federal Transmission Service ATRR)	\$15,533,800					Effective 6/1/2017	
10a(i)	NITS ATRR	\$2,957,122					Effective 6/1/2017	
10b	Reserved for Future Use							
11	Southwestern Public Service Company (Total)	\$124,655,065	\$34,902,105	\$74,401,972		\$1,292,022	Effective 9/1/2015	
11a	Southwestern Public Service Company	\$124,278,481	\$34,902,105	\$74,401,972			Effective 1/1/2018	annual formula update
11b	Reserved for Future Use						Effective 02/22/2013	
11c	Lee County Electric Cooperative, Inc.	\$376,584					Effective 04/01/14	
12	Sunflower Electric Power Corporation	\$10,164,359	\$2,972,937	\$3,880,580		\$533,633	Effective 1/1/2018	annual formula update
13	Western Farmers Electric Cooperative	\$12,627,584	\$11,994,679	\$10,263,784		\$3,409,195	Effective 7/1/2017	annual formula update
14	Westar Energy, Inc. (Kansas Gas & Electric and Westar Energy) (Total)	\$177,442,910	\$33,695,468	\$33,830,852	\$5,061,469	\$1,002,196	Effective 1/1/2018	annual formula update
14a	Westar Energy, Inc. (Kansas Gas & Electric and Westar Energy)	\$177,102,103	\$33,695,468	\$33,830,852			Effective 1/1/2018	annual formula update
14b	Prairie Wind Transmission, LLC.	\$0					Effective 1/1/2018	annual formula update
14c	Kansas Power Pool	\$340,807	\$0	\$0			Effective 12/20/2011	
15	Mid-Kansas Electric Company (Total)	\$6,473,444	\$3,657,099	\$10,295,988		\$1,394,925	Effective 1/1/2018	annual formula update
15a	Mid-Kansas Electric Company	\$5,536,591	\$3,657,099	\$9,177,553			Effective 1/1/2018	annual formula update
15b	ITC Great Plains	\$936,853		\$1,118,435			Effective 1/1/2018	annual formula update
15c	Prairie Wind Transmission, LLC.	\$0					Effective 1/1/2018	annual formula update
16	Lincoln Electric System	\$22,947,152	\$98,396	\$466,873	\$10,530,074	\$0	Effective 1/1/2018	annual formula update
17	Nebraska Public Power District	\$50,010,244	\$13,916,244	\$7,538,154	\$11,123,307	\$270,171	Effective 1/1/2018	annual formula update
17a	Nebraska Public Power District	\$41,898,360	\$13,916,244	\$7,538,154			Effective 1/1/2018	annual formula update
17b	Central Nebraska Public Power and Irrigation District	\$436,416					Effective 1/1/2015	
17c	Tri-State G&T Association	\$7,675,468					Effective 7/1/2017	annual formula update
18	Omaha Public Power District	\$51,703,091	\$3,931,691	\$1,719,847	\$12,071,175	\$22,456	Effective 8/1/2017	annual formula update
19	Upper Missouri Zone – Total	\$265,077,296	\$0	\$4,877,381			Effective 1/1/2018	annual formula update
19a	Western-LGP	\$133,279,878					Effective 1/1/2018	annual formula update
19b	Bein Electric Power Cooperative	\$57,388,860	\$0	\$4,877,381			Effective 1/1/2018	annual formula update
19c	Heartland Consumers Power District	(\$537,224)					Effective 1/1/2018	annual formula update
19d	Missouri River Energy Services - Total	\$9,204,804	\$0	\$0			Effective 1/1/2018	annual formula update
19d(i)	Missouri Power Energy	\$2,966,162					Effective 1/1/2018	annual formula update
19d(ii)	Moorhead Public Service	\$2,520,043					Effective 6/1/2017	annual formula update
19d(iii)	Orange City Municipal Utilities	\$436,403					Effective 6/1/2017	annual formula update
19d(iv)	City of Pierre, South Dakota	\$1,177,377					Effective 6/1/2017	annual formula update
19d(v)	City of Sioux Center, Iowa	\$225,043					Effective 6/1/2017	annual formula update
19d(vi)	Watertown Municipal Utility Department	\$791,059					Effective 6/1/2017	annual formula update
19d(vii)	Denison Municipal Utilities	\$267,392					Effective 6/1/2017	annual formula update
19d(viii)	Vermillion Light & Power	\$821,325					Effective 1/1/2018	annual formula update
19e	East River Electric Power Cooperative, Inc.	\$18,500,335					Effective 1/1/2018	annual formula update
19f	Com Belt Power Cooperative	\$12,017,260					Effective 7/1/2017	annual formula update
19g	NorthWestern Corporation (South Dakota)	\$5,568,544					Effective 4/1/2017	annual formula update
19h	Northwest Iowa Power Cooperative	\$8,751,282					Effective 8/01/2017	annual formula update
19i	Harlan Municipal Utilities	\$5,382					Effective 6/1/2017	annual formula update

19i	Central Power Electric Cooperative	\$9,234,719					Effective 7/1/2017	annual formula update
19k	Mountrail Williams	\$11,663,436					Effective 7/1/2017	annual formula update
20	Total	\$1,315,290,015	\$172,314,608	\$207,043,700	\$73,774,679	\$17,740,764		

Table 2-A

From Base Plan Rev. Req. Alloc Tab			
1	Base Plan Region-wide ATRR (NTC prior to June 19, 2010)	\$87,945,381	Effective 1/1/2018
2	Base Plan Region-wide ATRR (NTC on or after June 19, 2010)	\$245,549,570	Effective 1/1/2018
3	Total ATRR reallocated to Balanced Portfolio Region-wide ATRR from Column (6), Section I, Table 1	\$73,774,679	Effective 10/1/2017
4	Balanced Portfolio Region Wide ATRR	\$110,096,662	Effective 10/1/2017
5	Base Plan Region-wide ATRR to pay Upgrade Sponsors	\$13,213,129	
6	SPP Interregional Planning Region ATRR		
7	Other Interregional Planning Region ATRR		
8	Region-wide ATRR (Sum Lines 1 through 7)	\$530,579,368	Effective 1/1/2018

Table 2-B

From Brightline 10-1-2015 Base Plan ATRR Tab			
1	Base Plan Region-wide ATRR (NTC prior to June 19, 2010)	\$813,755	Effective 1/1/2018
2	Base Plan Region-wide ATRR (NTC on or after June 19, 2010)	\$119,878,891	Effective 1/1/2018
3	Total ATRR reallocated to Balanced Portfolio Region-wide ATRR from Column (6), Section I, Table 1		
4	Balanced Portfolio Region-wide ATRR		
5	Base Plan Region-wide ATRR to pay Upgrade Sponsors	\$15,050,848	
6	SPP Interregional Planning Region ATRR		
7	Other Interregional Planning Region ATRR		
8	Region-wide ATRR (Sum Lines 1 through 7)	\$135,743,494	Effective 1/1/2018

This Attachment

Table 3

(1) Zone	(2)	(3) Zonal ATRR Credit Included	(4) Base Plan Zonal ATRR
1	American Electric Power –West (Total)		
1a	American Electric Power (Public Service Company of Oklahoma and Southwestern Electric Power Company) See Section II.3	N/A	N/A
1b	East Texas Electric Cooperative, Inc.	\$87,201	\$0
1c	Tex-La Electric Cooperative of Texas, Inc.	\$58,602	\$0
1d	Deep East Texas Electric Cooperative, Inc.	\$63,707	\$0
1e	Oklahoma Municipal Power Authority	\$16,426	\$0
1f	AEP West Transmission Companies (AEP Oklahoma Transmission Company, Inc and AEP Southwestern Transmission Company, Inc)	N/A	N/A
1g	Coffeyville Municipal Light and Power (CMLP)	\$13,385	\$0
1h	Arkansas Electric Cooperative Corporation	N/A	N/A
2	Reserved for Future Use		
3	City Utilities of Springfield, Missouri	N/A	N/A
4	Empire District Electric Company	N/A	\$643,883
5	Grand River Dam Authority	N/A	N/A
6	Kansas City Power & Light Company (TOTAL)		
6a	Kansas City Power & Light Company	N/A	N/A
6b	City of Independence, Missouri	\$175,022	\$0
7	Oklahoma Gas and Electric (Total)		
7a	Oklahoma Gas and Electric	N/A	N/A
7b	Oklahoma Municipal Power Authority	\$11,695	\$0
8	Midwest Energy, Inc.	N/A	N/A
9	KCP&L Greater Missouri Operations Company (Total)		
9a	KCP&L Greater Missouri Operations Company	N/A	N/A
9b	Transource Missouri, LLC	N/A	N/A
10	Southwestern Power Administration		\$0
11	Southwestern Public Service Company (Total)		
11a	Southwestern Public Service Company	N/A	N/A
11b	Reserved for Future Use		
11c	Les County Electric Cooperative, Inc.	\$11,416	\$0
12	Sunflower Electric Power Corporation	N/A	N/A
13	Western Farmers Electric Cooperative	N/A	N/A
14	Westar Energy, Inc. (Kansas Gas & Electric and Westar Energy) (Total)		
14a	Westar Energy, Inc. (Kansas Gas & Electric and Westar Energy)	N/A	N/A
14b	Prairie Wind Transmission, LLC.	N/A	N/A
14c	Kansas Power Pool	\$9,436	\$0
15	Mid-Kansas Electric Company (Total)		
15a	Mid-Kansas Electric Company	N/A	N/A
15b	ITC Great Plains	N/A	N/A
15c	Prairie Wind Transmission, LLC.	N/A	N/A
16	Lincoln Electric System	N/A	N/A
17	Nebraska Public Power District		
17a	Nebraska Public Power District	N/A	N/A
17b	Central Nebraska Public Power and Irrigation District	\$13,584	\$0
17c	Tri-State G&T Association	N/A	N/A
18	Omaha Public Power District	N/A	N/A
19	Upper Missouri Zone – Total		
19a	Western-UGP	N/A	N/A
19b	Basin Electric Power Cooperative	\$3,552,504	\$4,299,372

19c	Heartland Consumers Power District	N/A	N/A
19d	Missouri River Energy Services - Total		
19d(i)	Missouri River Energy Services	N/A	N/A
19d(ii)	Moorehead Public Service	N/A	N/A
19d(iii)	Orange City Municipal Utilities	N/A	N/A
19d(iv)	City of Pierre, South Dakota	N/A	N/A
19d(v)	City of Sioux Center, Iowa	N/A	N/A
19d(vi)	Watertown Municipal Utility Department	N/A	N/A
19d(vii)	Denison Municipal Utilities	N/A	N/A
19d(viii)	Vermillion Light & Power	N/A	N/A
19e	East River Electric Power Cooperative, Inc.	N/A	N/A
19f	Corn Belt Power Cooperative	N/A	N/A
19g	NorthWestern Corporation (South Dakota)	N/A	\$0
19h	Northwest Iowa Power Cooperative	N/A	N/A
19i	Harlan Municipal Utilities	N/A	N/A
19j	Central Power Electric Cooperative	N/A	N/A
195	Mountrail Williams	N/A	N/A

Network Customer Transmission Credits

Table 4

Network Customer	Revenue requirements for Network customers eligible for Network Customer Transmission Credits	Application of Network Customer Transmission Credits
Montana-Dakota Utilities ("MDU")	See Joint Offer of Partial Settlement in Docket No. ER14-2850 and ER14-2851 (consolidated) accepted by the Commission on April 21 Revenue requirements for Network Customer Transmission Credits for MDU shall be recovered from Transmission Customers in the pricing Zone 19. The amount to be credited is below:	(a) MDU shall receive Network Customer Transmission Credits applied against MDU's transmission charges for transmission service taken in pricing Zone 19 under Schedule 9 and, if any Network Customer Transmission Credits remain thereafter, to its Schedule 11 monthly Base Plan Zonal Charge. (b) The Transmission Provider shall apply the MDU Network Customer Transmission Credits in the following manner: Schedule 9 - MDU shall be responsible for its monthly demand charge less any Network Customer Transmission Credits, and for all other applicable charges under the Tariff. Schedule 9 - MDU shall be responsible for its monthly demand charge less any Network Customer Transmission Credits, and for all other applicable charges under the Tariff. Schedule 11 - MDU shall be responsible for all its Schedule 11 Base Plan Zonal Charges less any remaining Network Customer Transmission Credits, if any. Schedule 11 - MDU shall be responsible for all its Schedule 11 Base Plan Zonal Charges less any remaining Network Customer Transmission Credits, if any.
Total SPP 30.9 Credits	\$10,251,491	1/1/2018

TDC 2017
Adjustment Factor

2018 TDC AF

	(a)	(b)	(c) (a) * (b)	(d)	(c) + (d)
formula:	<u>Total</u>	<u>LRS</u>	<u>Westar Retail</u>	<u>annual SPP</u>	<u>Annual Retail</u>
	<u>Rev Requirement</u>	<u>LRS</u>	<u>NITS costs</u>	<u>charges</u>	<u>Trans Costs</u>
	\$ 315,208,296	83.20776138%	\$ 262,277,767	\$13,800,639	\$276,078,406
	\$ 277,108,080	83.24402308%	\$ 230,675,914	\$13,945,660	\$244,621,574

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

Adjustment Factor Calculation

	<u>ATTR</u>	<u>retail kWh</u>		<u>ratio (ATTR)</u>	<u>ratio (energy)</u>	
ATTR year 2 (2016)	\$ 276,078,406	19,478,874,810	kWh year 1 (2016)	1.1286	1.0097	1.13952 = AF
ATTR year 1 (2015)	\$ 244,621,574	19,292,183,637	kWh year 2 (2017)			

2016 kWh

KP	9,772,700,841
KG	9,706,173,969
	19,478,874,810

2017 kWh

KP	9,600,359,515
KG	9,691,824,122
	19,292,183,637

TDC 2017
Rate Calculation

2018 Rate Calculation

rate adjustment factor

1.13952

TRANSMISSION DELIVERY CHARGE Rate schedule	existing \$ per kW	existing \$ per kWh	new \$ per kW	new \$ per kWh
Special Contracts		0.008594		0.009793
Dedicated Off-Peak Service		0.011291		0.012866
Generation Substitution Service		0.011291		0.012866
Large General Service	4.109859		4.683247	
Industrial and Large Power Service	4.109859		4.683247	
Interruptible Contract Service		0.006969		0.007941
Large Tire Manufacturing (per KVa)	4.247812		4.840447	
Medium General Service	3.453161		3.934930	
Off Peak Service		0.011291		0.012866
Pilot LED Street Lighting		0.007964		0.009075
Security Area Lighting Service		0.007964		0.009075
Restricted Institution Time Of Day Service		0.014717		0.016770
Residential Service		0.017882		0.020377
Residential Service - Distributed Generation		0.017882		0.020377
Restricted Educational Institution Service		0.008874		0.010112
Restricted Service to Schools		0.008874		0.010112
Restricted Total Electric – School and Church Service		0.008874		0.010112
Short-Term Service		0.011291		0.012866
Small General Service		0.011291		0.012866
Small General Service – Church Option		0.011291		0.012866
Standard Educational Service		0.008874		0.010112
Street Lighting		0.007964		0.009075
Time of Use - Pilot		0.017882		0.020377
Traffic Signal Service		0.007964		0.009075

TDC 2017
 Residential Standard Rate Impact

Residential Standard rate impact with 2018 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	\$ 0.076833	\$ 0.076833	\$ 38.42	\$ 38.42		
400	\$ 0.076833	\$ 0.076833	\$ 30.73	\$ 30.73		
all add'l	\$ 0.062804	\$ 0.062804				
summer						
500	\$ 0.076833	\$ 0.076833	\$ 38.42	\$ 38.42		
400	\$ 0.076833	\$ 0.076833	\$ 30.73	\$ 30.73		
all add'l	\$ 0.084752	\$ 0.084752				
RECA	\$ 0.021265	\$ 0.021265	\$ 19.14	\$ 19.14		
TDC	\$ 0.017882	\$ 0.020377	\$ 16.09	\$ 18.34		
PTS	\$ 0.000892	\$ 0.000892	\$ 0.80	\$ 0.80		
EER	\$ 0.000231	\$ 0.000231	\$ 0.21	\$ 0.21		
					increase	
total bill winter			\$ 119.89	\$ 122.14	\$ 2.25	1.88%
total bill summer			\$ 119.89	\$ 122.14	\$ 2.25	1.88%
		annual impact	\$ 1,438.68	\$ 1,465.68	\$ 27.00	1.88%
		monthly impact	\$ 119.89	\$ 122.14	\$ 2.25	