



February 15, 2016

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

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 1, 2016.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Robin Allacher', written over a horizontal line.

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

(Name of Issuing Utility)

WESTAR RATE AREA

SCHEDULE _____ TDC _____

Replacing Schedule _____ TDC _____ Sheet _____ 1 _____

(Territory to which schedule is applicable)

which was filed _____ October 28, 2015 _____

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

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

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 YearEffective _____
Month Day YearBy _____
Jeffrey L. Martin, Vice President

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SCHEDULE _____ TDC _____

Replacing Schedule _____ TDC _____ Sheet _____ 2 _____

WESTAR 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 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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April 1 2016By _____
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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,

ATTR₁ = ATTR for the Company combined in Year 1,ATTR₂ = ATTR 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:

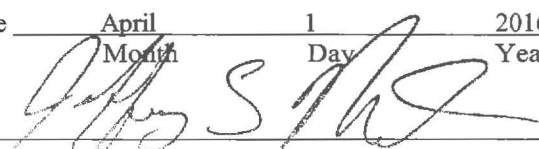
TDC₁(x) = TDC Unit Charge for Retail Class x in Year 1,TDC₂(x) = TDC Unit Charge for Retail Class x in Year 2, and

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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Replacing Schedule _____ TDC _____ Sheet _____ 4 _____

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Sheet 4 of 5 Sheets

TRANSMISSION DELIVERY CHARGE**TDC UNIT CHARGES**

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<u>Rate Schedule</u>	<u>\$ per kW</u>	<u>\$ per kWh</u>
Special Contracts		\$0.009059
Dedicated Off-Peak Service		\$0.011848
Generation Substitution Service		\$0.011848
Large General Service	\$4.329188	
Industrial and Large Power Service	\$4.329188	
Interruptible Contract Service		\$0.007368
Large Tire Manufacturing (per KVa)	\$4.472674	
Medium General Service	\$3.636601	
Off-Peak Service		\$0.011848
Pilot LED Street Lighting		\$0.008385
Private Area Lighting Service		\$0.008385
Restricted Institution Time of Day Service		\$0.015382

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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		\$0.018689
Residential Service – Distributed Generation		\$0.018689
Restricted Educational Institution Service		\$0.009309
Restricted Service to Schools		\$0.009309
Restricted Total Electric – School and Church Service		\$0.009309
Short-Term Service		\$0.011848
Small General Service		\$0.011848
Small General Service – Church Option		\$0.011848
Standard Educational Service		\$0.009309
Street Lighting		\$0.008385
Time of Use – Pilot		\$0.018689
Traffic Signal Service		\$0.008385

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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Sheet 2 of 6 Sheets

TRANSMISSION DELIVERY CHARGE

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<u>Rate Schedule</u>	<u>\$ per kW</u>	<u>\$ per kWh</u>
Special Contracts		\$0.00 90598029
Dedicated Off-Peak Service		\$0.01 18484982
Generation Substitution Service		\$0.01 18484982
Large General Service	\$4. 32918850330 0	
Industrial and Large Power Service	\$4. 32918850330 0	
Interruptible Contract Service		\$0.00 73689591
Large Tire Manufacturing (per KV a)	\$4. 47267426778 2	
Medium General Service	\$3.6 3660146006	
Off-Peak Service		\$0.01 18484982
Pilot LED Street Lighting		\$0.00 83855208
Private Area Lighting Service		\$0.00 83855208

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Replacing Schedule _____ TDC _____ Sheet _____ 5 _____

WESTAR RATE AREA

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Sheet 5 of 6 Sheets

TRANSMISSION DELIVERY CHARGERestricted Institution Time of Day Service \$0.01 ~~1538209346~~

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

Residential Service \$0.01 ~~86894302~~Residential Service – Distributed Generation \$0.01 ~~86894302~~Restricted Educational Institution Service \$0.00 ~~93097209~~Restricted Service to Schools \$0.00 ~~93097209~~Restricted Total Electric – School and Church Service \$0.00 ~~93097209~~Short-Term Service \$0.01 ~~18484982~~Small General Service \$0.01 ~~18484982~~Small General Service – Church Option \$0.01 ~~18484982~~Standard Educational Service \$0.00 ~~93097209~~Street Lighting \$0.00 ~~83855208~~Time of Use – Pilot \$0.01 ~~86894302~~Traffic Signal Service \$0.00 ~~83855208~~**DEFINITIONS AND CONDITIONS**

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Sheet 6 of 6 Sheets

TRANSMISSION DELIVERY CHARGE

Kansas Gas and Electric Company.

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Jeffrey L. Martin, Vice President

Amount of Westar Zonal Revenue Requirements
SPP Tariff
2016 TDC

Line#	SPP Rates Effective 1/1/2016	Annual Rev Req	SPP Tariff Schedule
1	Westar Zonal ATRR	\$ 198,751,175	Schedule 9 (Notes 1, 6, 12)
1a	Adjustment to Westar Zonal 14 ATRR (KPP ATRR Change)	\$ -	Schedule 9 (Note 14)
2	Westar BPF Zonal ATRR: NTC prior to June 19, 2010	\$ 27,824,829	Schedule 11 (Notes 2, 7, 12)
3	Westar BPF Zonal ATRR: NTC on or after June 19, 2010	\$ 11,779,465	Schedule 11 (Notes 2, 8, 12)
4	Westar ATRR Reallocated to Balanced Portfolio Region-wide ATRR	\$ (9,151,875)	Schedule 11 (Note 9, 12)
5	Region-wide Allocation to Westar Zone	\$ 51,285,248	Schedule 11 (Note 4, 12,13)
6	Total ATRR for Westar Zone	\$ 280,488,843	
7	Retail Load Ratio Share (2015-Note 5)	83.41111895%	(Tab: Load Ratio Share)(Note 5)
8	Westar Retail SPP Network Service Costs	\$ 233,958,882	(line 6 * line 7)
Actual 2015 SPP Charges for Retail Load, excluding Sch 9 & 11			
		Total Dollars	Service Type
9	SPP Administrative Fee	\$ 12,015,274	Schedule 1A (Note 3)
10	Facility Charges on Westar System	\$ -	Schedule 10 (Note 3)
11	FERC Assessment Fees	\$ 1,422,201	Schedule 12 (Note 3)
12	Westar Retail Load on Foreign Wires (all costs)	\$ 63,280	Note 10
13	SPP Direct Assigned Transmission Customer Upgrades Costs	\$ 2,751,641	Note 11
14	Total	\$ 16,252,396	Sum (lines 9 - 13)
15	Total Annual Transmission Cost	\$ 250,211,278	(line 8 + line 14)
Comparison Current Year to Proposed Year			
16	Current Level of TDC	\$ 224,861,730	(Prev. Yrs. Retail Trans. Svcs.)
17	Change in TDC	\$ 25,349,548	(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 2015 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_2016-01-01_revenue_requirements_and_rates_rev2016-02-01.xlsx". Latest "RRR" version posted on SPP.org.
13	This value represents the amount SPP reallocations from Zonal ATRR to Region-wide ATRR.
14	This is NA.

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)	\$ 436,142,618	SPP "RRR" file - Attachment H, Table 2A Row 8
2	Westar Zonal Load	3,982.92	Westar Zonal Transmission System Peak Load, "Westar Zone", SPP Source
3	Total SPP Load (2-A)	35,827.25	SPP Regional Transmission System Peak, "Total Region Zones 1 - 18", SPP Source
4	% of Westar Load to SPP (2-A)	11.12%	(Line 2 / Line 3)
5	Westar Alloc of Region Costs (2-A)	\$ 48,485,975	(Line 1 * Line 4)
Line#	Table 2-B	Annual Rev Req	SPP Tariff Schedule/Source
6	Total Regional Rev Req (2-B)	\$ 27,579,040	SPP "RRR" file - Attachment H, Table 2B Row 8
7	Westar Zonal Load	3,982.92	Westar Zonal Transmission System Peak Load, "Westar Zone", SPP Source
8	Total SPP Load (2-B)	39,240.20	SPP Regional Transmission System Peak, "Total Region Zones 1 - 19 w/o FSE", SPP Source
9	% of Westar Load to SPP (2-B)	10.15%	(Line 7 / Line 8)
10	Westar Alloc of Region Costs (2-B)	\$ 2,799,273	(Line 6 * Line 9)
11	TOTAL Westar Alloc of Region Costs	\$ 51,285,248	(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)
01/07/2015	19	3765	-	-	0.000	0.000	0.000	3765.0
02/04/2015	19	3539	-	-	0.000	0.000	0.000	3539.0
03/05/2015	8	3380	-	-	0.000	0.000	0.000	3380.0
04/07/2015	17	3094	-	-	0.000	0.000	0.000	3094.0
05/27/2015	17	3464	-	-	0.000	0.000	0.000	3464.0
06/24/2015	17	5110	-	-	0.000	0.000	0.000	5110.0
07/24/2015	17	5426	-	-	0.000	0.000	0.000	5426.0
08/03/2015	17	5021	-	-	0.000	0.000	0.000	5021.0
09/03/2015	17	4865	-	-	0.000	0.000	0.000	4865.0
10/08/2015	17	3630	-	-	0.000	0.000	0.000	3630.0
11/30/2015	19	3146	-	-	0.000	0.000	0.000	3146.0
12/28/2015	19	3355	-	-	0.000	0.000	0.000	3355.0
12 month avg.		3,983	-	-	-	-	-	3982.9

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)					
			Wholesale Load not served by OATT Network Service		Wholesale Load served by OATT Network Service			WRGS Retail NITS Agreement		
Peak date	Time	MW	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)
01/07/2015	19	3,765	0.000	0.000	674.788	0.000	674.788	3,090	0.000	3,090.2
02/04/2015	19	3,539	0.000	0.000	626.141	0.000	626.141	2,913	0.000	2,912.9
03/05/2015	8	3,380	0.000	0.000	584.732	0.000	584.732	2,795	0.000	2,795.3
04/07/2015	17	3,094	0.000	0.000	444.538	0.000	444.538	2,649	0.000	2,649.5
05/27/2015	17	3,464	0.000	0.000	527.726	0.000	527.726	2,936	0.000	2,936.3
06/24/2015	17	5,110	0.000	0.000	828.193	0.000	828.193	4,282	0.000	4,281.8
07/24/2015	17	5,426	0.000	0.000	894.501	0.000	894.501	4,531	0.000	4,531.5
08/03/2015	17	5,021	0.000	0.000	827.363	0.000	827.363	4,194	0.000	4,193.6
09/03/2015	17	4,865	0.000	0.000	795.140	0.000	795.140	4,070	0.000	4,069.9
10/08/2015	17	3,630	0.000	0.000	557.962	0.000	557.962	3,072	0.000	3,072.0
11/30/2015	19	3,146	0.000	0.000	555.090	0.000	555.090	2,591	0.000	2,590.9
12/28/2015	19	3,355	0.000	0.000	612.482	0.000	612.482	2,743	0.000	2,742.5
12 month avg.		3,983			661	-	661	3,322	-	3322.2

Source: Transmission Accounting, BREuter

Retail LRS		MW
Retail Load		3322.2
Trans Load		3982.9
Retail Load Ratio Share		83.41111895%

General Notes

All shown loads are 2015 values

Reference Notes related to 2015

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 2015, 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 2016
SPP ATRR + LRS

SPP Charges for Retail Load - YE 2015

Month	SPP Charge		Facility Charges on Westar Energy Wires
	Ancilliary 1a	Total: Sch 12 Total Retail Load	- not in use -
Jan	\$ 974,110.15	\$ 106,236.05	0.00
Feb	\$ 1,024,777.51	\$ 125,197.43	0.00
March	\$ 925,605.50	\$ 110,753.37	0.00
Apr	\$ 1,023,400.12	\$ 109,833.14	0.00
May	\$ 991,720.17	\$ 97,958.67	0.00
June	\$ 1,024,783.16	\$ 101,661.11	0.00
July	\$ 991,721.30	\$ 121,381.05	0.00
Aug	\$ 1,024,778.67	\$ 147,384.30	0.00
Sept	\$ 1,024,778.67	\$ 148,992.60	0.00
Oct	\$ 991,721.30	\$ 138,010.71	0.00
Nov	\$ 1,024,778.67	\$ 112,281.49	0.00
Dec	\$ 993,098.69	\$ 102,511.32	0.00
Totals	12,015,273.91	1,422,201.24	-

Foreign Wires Retail Load - YE 2015

Month	MKEC-Morganville (b)	- not in use -	Total Foreign Wires
Jan	\$ 1,813.83	0.00	1,813.83
Feb	\$ 1,832.86	0.00	1,832.86
March	\$ 17,459.19	0.00	17,459.19
Apr	\$ 12,356.83	0.00	12,356.83
May	\$ 10,908.07	0.00	10,908.07
June	\$ 2,577.16	0.00	2,577.16
July	\$ 2,614.76	0.00	2,614.76
Aug	\$ 2,906.80	0.00	2,906.80
Sept	\$ 3,126.50	0.00	3,126.50
Oct	\$ 2,083.42	0.00	2,083.42
Nov	\$ 2,719.48	0.00	2,719.48
Dec	\$ 2,880.71	0.00	2,880.71
Totals	63,279.61	-	63,279.61

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)	

Source: D. Feeney Power Accounting

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	0.00	229,303.43
Feb	\$ 229,303.43	0.00	229,303.43
March	\$ 229,303.43	0.00	229,303.43
Apr	\$ 229,303.43	0.00	229,303.43
May	\$ 229,303.43	0.00	229,303.43
June	\$ 229,303.43	0.00	229,303.43
July	\$ 229,303.43	0.00	229,303.43
Aug	\$ 229,303.43	0.00	229,303.43
Sept	\$ 229,303.43	0.00	229,303.43
Oct	\$ 229,303.43	0.00	229,303.43
Nov	\$ 229,303.43	0.00	229,303.43
Dec	\$ 229,303.43	0.00	229,303.43
Totals	2,751,641.16	-	2,751,641.16

Notes:

- (a) Credits are determined by SPP related to other customers use of the upgrade facilities. In 2015 there were no credits applied.

Source: Derek Feeney, Westar Energy Power Accounting

TDC 2016
SPP ATRR + LRS

NETWORK PEAK LOAD ADJUSTMENTS

Source: [Transmission Accounting, BReuter 01/18/16](#)

Transmission Network Peaks from Energy Accounting without Peak Adjustments

Start Date 1/1/2015
End Date 12/31/2015
Time Zone CPT
Time Stamp Friday, January 15, 2016 3:16:26 PM
Filter Name Westar Transmission Load

MeterID	Meter	Month	Peak Day	Peak HE	Value
1517	Westar Transmission Load	1/2015	01/07/2015	19	3765
1517	Westar Transmission Load	2/2015	02/04/2015	19	3539
1517	Westar Transmission Load	3/2015	03/05/2015	8	3380
1517	Westar Transmission Load	4/2015	04/07/2015	17	3094
1517	Westar Transmission Load	5/2015	05/27/2015	17	3464
1517	Westar Transmission Load	6/2015	06/24/2015	17	5110
1517	Westar Transmission Load	7/2015	07/24/2015	17	5426
1517	Westar Transmission Load	8/2015	08/03/2015	17	5021
1517	Westar Transmission Load	9/2015	09/03/2015	17	4865
1517	Westar Transmission Load	10/2015	10/08/2015	17	3630
1517	Westar Transmission Load	11/2015	11/30/2015	19	3146
1517	Westar Transmission Load	12/2015	12/28/2015	19	3355

3982.916667

Retail load calculation support

Source: [Transmission Accounting, BReuter 01/18/16](#)

		Column 8		TDC Category (in MW)		Column 11		Column 12
		Wholesale Load Not		Column 9b		Non-BA load on		
		Served by OATT		Westar Wires not in		Wholesale Load in WRGS Retail NITS		
2015 Month	Column 3	Network Service	Column 9a	Transmission Peak	Column 11	Wholesale Load in WRGS Retail NITS	Column 12	Retail Load
Jan	3,765	0.0000	674.7880	0.0000	0.0000	0.0000	3,090.2120	
Feb	3,539	0.0000	626.1410	0.0000	0.0000	0.0000	2,912.8590	
Mar	3,380	0.0000	584.7324	0.0000	0.0000	0.0000	2,795.2676	
Apr	3,094	0.0000	444.5379	0.0000	0.0000	0.0000	2,649.4621	
May	3,464	0.0000	527.7263	0.0000	0.0000	0.0000	2,936.2737	
Jun	5,110	0.0000	828.1932	0.0000	0.0000	0.0000	4,281.8068	
Jul	5,426	0.0000	894.5008	0.0000	0.0000	0.0000	4,531.4992	
Aug	5,021	0.0000	827.3625	0.0000	0.0000	0.0000	4,193.6375	
Sep	4,865	0.0000	795.1401	0.0000	0.0000	0.0000	4,069.8599	
Oct	3,630	0.0000	557.9619	0.0000	0.0000	0.0000	3,072.0381	
Nov	3,146	0.0000	555.0897	0.0000	0.0000	0.0000	2,590.9103	
Dec	3,355	0.0000	612.4819	0.0000	0.0000	0.0000	2,742.5181	
Total	3,983							

Southwest Power Pool, Inc.
Regional and Zonal Transmission System Peak Loads (MW)
Calendar Year 2015

Source Data provided by SPP, "rrr_for_bills_2016-01-01_revenue_requirements_and_rates_rev2016-02-01.xlsx"

Zone	Monthly Peak Load (MW) 2015												Total	Average	
	January	February	March	April	May	June	July	August	September	October	November	December			
CSWS (AEP)	8,817.00	8,015.00	7,740.00	6,381.00	7,425.00	9,487.00	10,226.00	10,391.00	9,395.00	7,512.00	6,312.00	6,712.00	98,413.00	8,201	Per AEP 8201 Use for xml files 2015 Zonal PYCP Schd 11
EDE	1,151.00	1,058.00	907.00	638.00	747.00	1,026.00	1,095.00	1,039.00	952.00	707.00	705.00	813.00	10,838.00	903.167	
GMO	1,585.49	1,514.45	1,392.43	1,037.35	1,260.47	1,788.69	1,879.52	1,716.65	1,708.65	1,197.41	1,170.37	1,310.41	17,561.89	1,463.491	
GRDA	708.00	664.00	632.00	537.00	645.00	828.00	817.00	849.00	788.00	625.00	549.00	588.00	8,230.00	685.833	
KCPL	2,965.647	2,764.025	2,562.177	2,133.306	2,553.040	3,682.086	3,889.344	3,504.102	3,448.955	2,423.005	2,337.910	2,552.100	34,815.697	2,901.308	
LES	734.00	710.00	676.00	588.00	635.00	871.00	911.00	835.00	881.00	652.00	641.00	677.00	8,811.00	734.25	
MKEC	458.00	438.00	399.00	416.00	439.00	618.00	717.00	638.00	626.40	457.00	421.00	438.00	6,065.40	505.45	
MIDW	275.68	276.60	274.70	258.37	326.44	359.71	421.20	414.89	367.00	276.20	282.31	272.29	3,805.39	317.116	
NPPD	2,399.05	2,356.08	2,297.95	1,726.47	1,612.90	2,650.44	3,158.45	3,092.21	2,940.41	1,875.58	1,959.65	2,143.28	28,212.481	2,351.04	
OKGE	5,205.798	4,912.307	4,827.759	4,243.942	4,697.984	5,979.604	6,374.852	6,651.395	6,119.323	4,983.131	3,964.421	4,349.784	62,310.30	5,192.525	
OPPD	1,758.14	1,625.85	1,521.38	1,430.39	1,685.43	2,285.78	2,471.51	2,272.90	2,309.15	1,663.07	1,594.16	1,702.66	22,320.41	1,860.034	
SECI	306.40	297.00	318.00	312.00	278.00	448.00	414.00	429.00	412.00	328.00	297.00	307.00	4,146.40	345.533	
SPRM	505.00	477.00	465.00	423.00	485.00	676.00	724.00	671.00	641.00	443.00	390.00	426.00	6,326.00	527.167	
SPS	4,205.00	4,091.00	4,069.00	4,003.00	3,880.00	5,022.00	5,702.00	5,707.00	5,244.00	4,351.00	3,909.00	4,043.00	54,226.00	4,518.833	
WFEC	1,518.00	1,448.00	1,448.00	1,075.00	1,091.00	1,380.00	1,484.00	1,520.00	1,500.00	1,187.00	1,133.00	1,266.00	16,050.00	1,337.50	
WR	3,765.00	3,539.00	3,380.00	3,094.00	3,464.00	5,110.00	5,426.00	5,021.00	4,865.00	3,630.00	3,146.00	3,355.00	47,795.00	3,982.917	
Zone 19 W FSE	5,286.55	5,202.54	5,127.89	3,781.55	3,568.06	4,289.08	4,554.25	4,712.32	4,522.71	4,116.40	4,564.99	4,817.16	54,543.49	4,545.291	
Zone 19 W/O FSE	3,850.62	3,773.99	3,746.23	2,817.75	2,701.68	3,307.48	3,486.60	3,609.44	3,483.74	3,238.91	3,327.29	3,611.72	40,955.44	3,412.953	

Total Region Zones 1 - 18 **35,827.247** applicable to Table 2-A

Total Region Zones 1 - 19 w FSE **40,372.538** applicable to Thru&Out Zonal Sch 11 PTP Rate

Total Region Zones 1 - 19 w/o FSE **39,240.200** applicable to Table 2-B

Southwest Power Pool, Inc.

ATTACHMENT H
Annual Transmission Revenue Requirement For Network
Integration Transmission Service

Table 1							Column 3 Effective date
(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	
1	American Electric Power –West (Total)	\$195,390,151	\$41,711,521	\$17,995,950	\$15,982,062		Effective 7/1/2015 annual formula update
1a	American Electric Power (Public Service Company of Oklahoma and Southwestern Electric Power Company) See Section II.3	\$156,176,810	\$39,618,991	\$13,202,465			Effective 7/1/2015 annual formula update
1b	East Texas Electric Cooperative, Inc.	\$2,617,604					Effective 9/30/2007
1c	Tex-La Electric Cooperative of Texas, Inc.	\$519,757					Effective 9/30/2007
1d	Deep East Texas Electric Cooperative, Inc.	\$333,883					Effective 9/30/2007
1e	Oklahoma Municipal Power Authority	\$737,875					Effective 4/1/2015
1f	AEP West Transmission Companies (AEP Oklahoma Transmission Company, Inc and AEP Southwestern Transmission Company, Inc)	\$34,633,051	\$2,092,530	\$4,793,485			Effective 7/1/2015 annual formula update
1g	Coffeyville Municipal Light and Power (CMPL)	\$371,171					Effective 7/1/2013
2	Reserved for Future Use						
3	City Utilities of Springfield, Missouri	\$11,832,533	\$399,888	\$0	\$2,920,292		Effective 4/1/2015 annual formula update
4	Empire District Electric Company	\$28,974,090	\$3,181,270	\$0	\$5,047,397		Effective 7/1/2015 annual formula update
5	Grand River Dam Authority	\$26,233,383	\$6,022,651	\$649,333	\$2,858,714		Effective 8/1/2015 annual formula update
6	Kansas City Power & Light Company (TOTAL)	\$40,106,803	\$3,524,613	\$19,781	\$7,284,587		Effective 1/1/2016 annual formula update
6a	Kansas City Power & Light Company	\$33,150,611	\$3,524,613	\$19,781			Effective 1/1/2016 annual formula update
6b	City of Independence, Missouri	\$6,956,193					Effective 6/1/2015
7	Oklahoma Gas and Electric (Total)	\$93,307,022	\$11,552,122	\$7,544,467	\$4,381,764		Effective 1/1/2016
7a	Oklahoma Gas and Electric	\$92,972,190	\$11,552,122	\$7,544,467			Effective 1/1/2016 annual formula update
7b	Oklahoma Municipal Power Authority	\$334,832					Effective 6/1/2010
8	Midwest Energy, Inc.	\$13,514,687	\$184,368	\$0			Effective 9/1/2015 annual formula update
9	KCP&L Greater Missouri Operations Company (Total)	\$30,132,205	\$1,565,431	\$25,808	\$8,621,313		Effective 1/1/2016
9a	KCP&L Greater Missouri Operations Company	\$30,132,205	\$1,565,431	\$25,808			Effective 1/1/2016 annual formula update
9b	Transource Missouri, LLC	\$0					Effective 1/1/2016 annual formula update
10	Southwestern Power Administration	\$14,106,556	\$0	\$0			Effective 1/1/2012
11	Southwestern Public Service Company (Total)	\$130,551,633	\$31,441,755	\$25,551,561			Effective 9/1/2015
11a	Southwestern Public Service Company	\$130,175,493	\$31,441,755	\$25,551,561			Effective 1/1/2016 annual formula update
11b	Reserved for Future Use						Effective 02/22/2013
11c	Lea County Electric Cooperative, Inc	\$376,140					Effective 04/01/14
12	Sunflower Electric Power Corporation	\$18,686,770	\$4,219,952	\$1,309,675			Effective 1/1/2016 annual formula update
13	Western Farmers Electric Cooperative	\$19,773,880	\$4,031,533	\$0			
14	Westar Energy, Inc. (Kansas Gas & Electric and Westar Energy) (Total)	\$198,751,175	\$27,824,829	\$11,779,465	\$9,151,875		Effective 1/1/2016 annual formula update
14a	Westar Energy, Inc. (Kansas Gas & Electric and Westar Energy)	\$198,421,616	\$27,824,829	\$11,779,465			Effective 1/1/2016 annual formula update
14b	Prairie Wind Transmission, LLC.	\$0					Effective 1/1/2015 annual formula update
14c	Kansas Power Pool	\$329,559	\$0	\$0			Effective 12/20/2011
15	Mid-Kansas Electric Company (Total)	\$6,591,519	\$4,012,329	\$3,819,180			Effective 1/1/2016
15a	Mid-Kansas Electric Company	\$5,937,095	\$4,012,329	\$3,039,622			Effective 1/1/2016 annual formula update
15b	ITC Great Plains	\$654,424		\$779,558			Effective 1/1/2016 annual formula update
15c	Prairie Wind Transmission, LLC.	\$0					Effective 1/1/2016 annual formula update
16	Lincoln Electric System	\$30,147,939	\$80,549	\$485,190	\$6,267,849		Effective 1/1/2016 annual formula update
17	Nebraska Public Power District	\$53,321,530	\$11,370,423	\$2,122,358	\$10,080,303		
17a	Nebraska Public Power District	\$44,763,710	\$11,370,423	\$2,122,358			Effective 1/1/2016 annual formula update

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17b	Central Nebraska Public Power and Irrigation District	\$429,824					Effective 1/1/2015	
17c	Tri-State G&T Association	\$8,127,996					Effective 1/1/2016	annual formula update
18	Omaha Public Power District	\$41,790,285	\$3,430,319	\$1,190,260	\$9,503,637		Effective 8/1/2015	annual formula update
19	Upper Missouri Zone – Total	\$271,161,717	\$0	\$1,985,337			Effective 1/1/2016	annual formula update
19a	Western-UGP	\$138,325,368					Effective 1/1/2016	annual formula update
19b	Basin Electric Power Cooperative	\$70,188,397	\$0	\$1,985,337			Effective 1/1/2016	annual formula update
19c	Heartland Consumers Power District	\$3,050,822					Effective 1/1/2016	annual formula update
19d	Missouri River Energy Services - Total	\$8,781,558	\$0	\$0			Effective 10/1/2015	annual formula update
19d(i)	Missouri River Energy Services	\$3,222,138					Effective 10/1/2015	annual formula update
19d(ii)	Moorhead Public Service	\$3,363,422					Effective 10/1/2015	annual formula update
19d(iii)	Orange City Municipal Utilities	\$239,744					Effective 10/1/2015	annual formula update
19d(iv)	City of Pierre, South Dakota	\$944,389					Effective 10/1/2015	annual formula update
19d(v)	City of Sioux Center, Iowa	\$193,581					Effective 10/1/2015	annual formula update
19d(vi)	Watertown Municipal Utility Department	\$818,284					Effective 10/1/2015	annual formula update
19e	East River Electric Power Cooperative, Inc.	\$16,611,425					Effective 1/1/2016	annual formula update
19f	Com Belt Power Cooperative	\$11,262,024					Effective 10/1/2015	annual formula update
19g	NorthWestern Corporation (South Dakota)	\$8,162,218					Effective 10/1/2015	annual formula update
19h	Northwest Iowa Power Cooperative	\$8,035,159					Effective 10/1/2015	annual formula update
19i	Harlan Municipal Utilities	\$292,633					Effective 10/1/2015	annual formula update
19j	Central Power Electric Cooperative	\$6,452,112					Effective 1/1/2016	annual formula update
20	Total	\$1,224,373,880	\$154,553,553	\$74,478,365	\$82,099,792			

\$1,701,364,202

Table 2-A

From Base Plan Rev. Req. Alloc Tab

1	Base Plan Region-wide ATRR (NTC prior to June 19, 2010)	\$80,896,430
2	Base Plan Region-wide ATRR (NTC on or after June 19, 2010)	\$173,520,752
3	Total ATRR reallocated to Balanced Portfolio Region-wide ATRR from Column (6), Section I, Table 1	\$82,099,792
4	Balanced Portfolio Region Wide ATRR	\$99,625,644
5	Base Plan Region-wide ATRR to pay Upgrade Sponsors	
6	SPP Interregional Planning Region ATRR	
7	Other Interregional Planning Region ATRR	
8	Region-wide ATRR (Sum Lines 1 through 7)	\$436,142,618

Effective 1/1/2016

Effective 1/1/2016

Effective 10/1/2015

Effective 1/1/2016

Effective 1/1/2016

Table 2-B

From Brightline 10-1-2015 Base Plan ATRR Tab

1	Base Plan Region-wide ATRR (NTC prior to June 19, 2010)	\$34,162
2	Base Plan Region-wide ATRR (NTC on or after June 19, 2010)	\$27,544,878
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	
6	SPP Interregional Planning Region ATRR	
7	Other Interregional Planning Region ATRR	
8	Region-wide ATRR (Sum Lines 1 through 7)	\$27,579,040

Effective 10/1/2015

Effective 1/1/2016

Effective 1/1/2016

This Attachment H depicts Tables 1, 2-A, and 2-B as they would be reflected in the SPP OATT if the revenue requirements had not been referenced to the RRR file for Table 1 and 2

\$463,721,658

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.	\$116,275	\$0	No schedule 11 revenue
1c	Tex-La Electric Cooperative of Texas, Inc.	\$69,117	\$0	No schedule 11 revenue
1d	Deep East Texas Electric Cooperative, Inc.	\$94,248	\$0	No schedule 11 revenue
1e	Oklahoma Municipal Power Authority	\$30,749	\$0	No schedule 11 revenue
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 (CMPL)	\$20,619	\$0	No schedule 11 revenue
2	Reserved for Future Use			

3	City Utilities of Springfield, Missouri	N/A	N/A	
4	Empire District Electric Company	N/A	\$594,672	
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	\$281,261	\$0	No schedule 11 revenue
7	Oklahoma Gas and Electric (Total)			
7a	Oklahoma Gas and Electric	N/A	N/A	
7b	Oklahoma Municipal Power Authority	\$33,669	\$0	No schedule 11 revenue
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	\$1,427,244	\$0	No schedule 11 revenue
11	Southwestern Public Service Company (Total)			
11a	Southwestern Public Service Company	N/A	N/A	
11b	Reserved for Future Use			
11c	Lea County Electric Cooperative, Inc	\$11,860	\$0	No schedule 11 revenue
12	Sunflower Electric Power Corporation	N/A	N/A	
13	Western Farmers Electric Cooperative	\$945,759	\$5,615	
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	\$20,684	\$0	No schedule 11 revenue
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	\$20,176	\$0	No schedule 11 revenue
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	\$963,869	\$0	No schedule 11 revenue
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)	Moorhead 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	
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	No schedule 11 revenue
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	

2016 Rate Calculation

increase spread over new 12 CP

	115 Docket 12-CP	TDC Revenue Requirement \$250,211,277.92	115 Docket Billing Determinants	UOM	New Rate
Residential (RS, RSDG, RESTOU)	47.5069%	\$118,867,592.52	6,360,393,363	kWh	\$0.018689
SGS (Includes SGS, SGSCO, ST, GSS, OPS, DOR)	17.0425%	\$42,642,318.99	3,599,120,221	kWh	\$0.011848
MGS	10.4343%	\$26,107,740.93	7,179,161	KW	\$3.636601
Schools (PS-R,SES,REIS,RTESC)	2.2605%	\$5,655,917.37	607,564,901	kWh	\$0.009309
Restricted Time of Day (RITODS)	0.0878%	\$219,779.69	14,288,218	kWh	\$0.015382
Lighting (SAL, SL, TS, Pilot LED)	0.6378%	\$1,595,750.13	190,299,764	kWh	\$0.008385
LGS/ILP (Formerly HLF)	17.4597%	\$43,686,065.12	10,091,054	KW	\$4.329188
LTM	0.4654%	\$1,164,384.76	260,333	kVA	\$4.472674
ICS	0.1153%	\$288,536.00	39,158,310	kWh	\$0.007368
Special Contract	3.9899%	\$9,983,192.42	1,102,061,000	kWh	\$0.009059
	100.0000%	\$250,211,277.92			

Day and Month	Hour End	Total	Residential	Small C&I (SGS)	Mid C&I (MGS)	Schools	Rel (Churches)	Lighting	LGS & ILP (Formr HLF)	LTM	ICS	Special contracts
04-Oct	4:00 PM	3,542	1,532	640	419	135	3	1	657	19	4	133
22-Nov	6:00 PM	2,765	1,145	465	308	51	2	54	585	17	10	127
09-Dec	7:00 PM	3,171	1,433	579	331	48	2	54	573	16	3	134
06-Jan	7:00 PM	3,229	1,509	531	324	58	2	54	575	16	0	160
05-Feb	7:00 PM	3,163	1,510	514	324	40	2	54	568	15	0	137
02-Mar	8:00 PM	3,101	1,583	510	255	38	1	54	504	16	0	140
14-Apr	11:00 AM	2,514	818	511	352	70	1	1	601	17	9	136
29-May	5:00 PM	3,622	1,655	663	405	71	3	1	665	17	6	135
30-Jun	5:00 PM	4,147	2,123	690	419	86	4	1	670	15	0	140
22-Jul	5:00 PM	4,545	2,434	736	444	89	5	1	681	18	3	134
25-Aug	5:00 PM	4,628	2,421	722	443	149	6	1	706	16	5	159
04-Sep	5:00 PM	4,282	2,129	718	434	131	5	1	672	17	9	168
	12-CP	42,709	20,290	7,279	4,456	965	38	272	7,457	199	49	1,704
	12-CP	100%	47.5069%	17.0425%	10.4343%	2.2605%	0.0878%	0.6378%	17.4597%	0.4654%	0.1153%	3.9899%
	4-CP	17,602	9,106	2,865	1,739	455	21	2	2,730	66	17	601
	4-CP	100.00%	51.73%	16.28%	9.88%	2.59%	0.1186%	0.01%	15.51%	0.37%	0.10%	3.41%

TDC 2016
SPP ATRR + LRS

Residential Standard rate impact with new 2016 TDC

	usage - kWh 900					
	<u>current</u>	<u>proposed</u>	<u>current</u>	<u>proposed</u>		
customer charge	\$ 14.50	\$ 14.50	\$ 14.50	\$ 14.50		
winter						
500	\$ 0.075360	\$ 0.075360	\$ 37.68	\$ 37.68		
400	\$ 0.075360	\$ 0.075360	\$ 30.14	\$ 30.14		
all add'l	\$ 0.061600	\$ 0.061600				
summer						
500	\$ 0.075360	\$ 0.075360	\$ 37.68	\$ 37.68		
400	\$ 0.075360	\$ 0.075360	\$ 30.14	\$ 30.14		
all add'l	\$ 0.083127	\$ 0.083127				
RECA	\$ 0.019107	\$ 0.019107	\$ 17.20	\$ 17.20		
TDC	\$ 0.014302	\$ 0.018689	\$ 12.87	\$ 16.82		
PTS	\$ 0.002234	\$ 0.002234	\$ 2.01	\$ 2.01		
EER	\$ 0.000235	\$ 0.000235	\$ 0.21	\$ 0.21		
					increase	
total bill winter			\$ 114.61	\$ 118.56	\$ 3.95	3.45%
total bill summer			\$ 114.61	\$ 118.56	\$ 3.95	3.45%
		annual impact	\$ 1,375.32	\$ 1,422.72	\$ 47.40	3.45%
		monthly impact	\$ 114.61	\$ 118.56	\$ 3.95	