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PLEASE RESPOND TO:
KINGSPORT OFFICE

WRITER'S DIRECT DIAL NUMBER:
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KPOW.89998

June 18, 2015

VIA EMAIL & FEDEX

ATTN: Sharla Dillon, Dockets & Records Manager
Herbert Hilliard, Chairman
Tennessee Regulatory Authority
502 Deaderick Street, 4th Floor
Nashville, TN 37243

Re: Petition of Kingsport Power Company d/b/a AEP Appalachian Power; **Docket No. 15-00024**

Dear Chairman Hilliard:

Per the request of the Attorney General, Kingsport Power Company hereby submits supplemental responses to AG 1-005 and AG 1-006. Also enclosed with this letter is a disk containing the working formulas for these responses.

Should there be any questions, please contact the writer.

Very sincerely yours,

HUNTER, SMITH & DAVIS, LLP

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Counsel for Kingsport Power Company

Enclosures

c: Erin Merrick, Esq.
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TENNESSEE REGULATORY AUTHORITY
PETITION OF KINGSPORT POWER COMPANY
DOCKET NO. 15-00024
Data Requests and Requests for the Production of Documents by the Attorney General's Office (First Set) To Kingsport Power Company

Data Request AG 1-005:

Provide a pro forma calculation of the storm damage rider as shown in Exhibits 1, 2 and 3 applied to all customers (transmission and distribution).

Response AG 1-005:

It would be inappropriate to allocate any of these storm related costs to transmission customers for the following reasons:
1) There was no damage to the transmission system
2) No costs were incurred to repair the transmission system
3) No costs were booked to transmission accounts
4) No costs were assigned to the transmission function
As stated on page 4 of Witness Simmons' testimony, Kingsport did not incur any storm related costs at the transmission voltage level, therefore there is no rational basis for charging transmission customers for costs they did not incur.

Supplemental Response 6-18-15:
As noted in the original response, the Company strongly contends it would be improper to allocate costs not attributable to the transmission system to the transmission customers, thus creating a subsidy between the transmission customers and other customers.. Additionally, the Company's chosen allocation basis, non-coincident peaks, is used to allocate distribution costs in its cost of service studies among distribution-level customers, and is not used to allocate transmission costs. In an attempt to respond to this request, the Company modified the allocator to also pick up the non-coincident peaks for the transmission customers. Please see AG 1-005 Attachments (Revised 6-18-15) on the attached CD for the requested calculations.

Kingsport Power Company
Calculation of Demand Allocation Factors
Storm Damage Rider

Recovery Amount = $2,039,395

Class	2013 12 NCP Average Peak Load (MW)	2012 Loss Factor	Loss Adjusted Load (to Transmission)	2013 Allocation	Demand Allocation $	Metered kWH 2013	SDR Factor ($/kWH)	Number of Lamps	2013 Billing Demand kW	SDR Factor ($/kW) or ($/Lamp)
Residential	306	1.05597	323	57.22%	$1,166,934	691,036,589	0.00169			
SGS	6	1.05597	6	1.12%	$22,881	21,193,777	0.00108			
MGS	32	1.05597	34	5.98%	$122,032	107,693,050	0.00113			
LGS	48	1.05597	51	8.98%	$183,048				700,753	0.2612
IP - Pri	9	1.02602	9	1.64%	$33,348				175,813	0.1897
IP - Trans	109	1.04664	114	20.20%	$412,000				1,267,778	0.3250
EHG	8	1.05597	8	1.50%	$30,508	26,480,603	0.00115			
CS	5	1.05597	5	0.93%	$19,068	9,831,595	0.00194			
PS	10	1.05597	11	1.87%	$38,135	28,611,892	0.00133			
OL	3	1.05597	3	0.56%	$11,441			5,439		0.1753
Total	536		565	100%	$2,039,395					

KINGSPORT POWER COMPANY
d/b/a AEP APPALACHIAN
Kingsport, Tennessee

Revised Sheet No. 20
T.R.A. Tariff Number 1

STORM DAMAGE

1. Surcharge

Pursuant to the provisions of this Rider, a Storm Damage Rider surcharge will be applied to each kilowatt-hour, kilowatt or lamp as billed under the Company's filed tariffs.

The Storm Damage Rider surcharge applicable to each tariff is set below:

Tariff	**Energy Rate** (\$) / KWH	**Demand Rate** (\$)/KW	**Lamp Rate** (\$) / Lamp
RS	0.00169		--
SGS	0.00108		--
MGS	0.00113		--
EHG	0.00115		--
CS	0.00194		--
PS	0.00133		--
LGS	--	0.2612	--
IP-PRI	--	0.1897	--
IP-TRANS	--	0.325	--
OL			0.1753

Kingsport Power Company
Typical Monthly Bills
Estimated Impacts of Storm Damage Rider-As of January 1, 2015

RESIDENTIAL						
		100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh
Difference		$0.17	$0.41	$0.85	$1.26	$1.68
% Difference		1.12%	1.51%	1.80%	1.88%	1.93%

SMALL GENERAL SERVICE					
	kW	3	3	6	6
	kWh	375	1,000	750	2,000
Difference		$0.41	$1.07	$0.80	$2.13
% Difference		0.93%	1.08%	1.03%	1.17%

MEDIUM GENERAL SERVICE - Sec							
	kW	12	12	30	30	40	40
	kWh	1,500	4,000	6,000	10,000	10,000	14,000
Difference		$1.67	$4.47	$6.70	$11.16	$11.16	$15.62
% Difference		0.95%	1.18%	1.04%	1.22%	1.13%	1.25%

LARGE GENERAL SERVICE - Sec						
	kVA	118	118	176	176	176
	kW	100	100	150	150	150
	kWh	30,000	36,000	30,000	60,000	100,000
Difference		$25.81	$25.81	$38.71	$38.72	$38.70
% Difference		0.97%	0.86%	1.26%	0.81%	0.54%
LARGE GENERAL SERVICE - Pri						
	kVA	1,176	1,176	1,176	1,176	1,176
	kW	1,000	1,000	1,000	1,000	1,000
	kWh	200,000	300,000	360,000	400,000	650,000
Difference		$258.05	$258.05	$258.06	$258.05	$258.05
% Difference		1.35%	1.06%	0.93%	0.87%	0.60%

INDUSTRIAL POWER - Pri							
	kW	5,000	5,000	5,000	10,000	10,000	10,000
	kWh	1,500,000	2,500,000	3,250,000	3,000,000	5,000,000	6,500,000
Difference		$937.08	$937.08	$937.08	$1,874.15	$1,874.15	$1,874.15
% Difference		0.76%	0.57%	0.48%	0.76%	0.57%	0.48%
INDUSTRIAL POWER - Trans							
	kW	5,000	5,000	5,000			
	kWh	15,000,000	25,000,000	32,500,000			
		$16,250.00	$16,250.00	$16,250.00			
		1.37%	1.02%	0.86%			

Edison Electric Institute
Typical net Monthly Bills
Rates as of January 1, 2015
Without Storm Damage Rider (SDR)

Kingsport Power Company

RESIDENTIAL

Bill Calculations		Rate Schedule Charges	100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh
Customer Charge	$/mo.	7.30	$7.30	$7.30	$7.30	$7.30	$7.30
Energy Charges	$/kWh	0.04873	4.87	12.18	24.37	36.55	48.73
Purchased Power Adjustment	$/kWh	0.02146	2.15	5.37	10.73	16.10	21.46
Base Bill			$14.32	$24.85	$42.40	$59.95	$77.49
Fuel Adjustment	$/kWh	0.0107171	1.07	2.68	5.36	8.04	10.72
Subtotal			$15.39	$27.53	$47.76	$67.99	$88.21
TN Inspection Fee	%	0.3	0.05	0.08	0.14	0.20	0.26
Subtotal			$15.44	$27.61	$47.90	$68.19	$88.47
Prompt Pay. Disc.	%	(1.5)	(0.23)	(0.41)	(0.72)	(1.02)	(1.33)
Total Bill			$15.21	$27.20	$47.18	$67.17	$87.14

SMALL GENERAL SERVICE

Bill Calculations		Rate Schedule Charges	kW / kWh	3 / 375	3 / 1,000	6 / 750	6 / 2,000
Customer Charge	$/mo.	8.80		$8.80	$8.80	$8.80	$8.80
Energy Charges							
First 600 kWh	$/kWh	0.06792		25.47	40.75	40.75	40.75
Over 600 kWh	$/kWh	0.05643		0.00	22.57	8.46	79.00
Purchased Power Adjustment	$/kWh	0.01723		6.46	17.23	12.92	34.46
Base Bill				$40.73	$89.35	$70.93	$163.01
Fuel Adjustment	$/kWh	0.0107171		4.02	10.72	8.04	21.43
Subtotal				$44.75	$100.07	$78.97	$184.44
TN Inspection Fee	%	0.3		0.13	0.30	0.24	0.55
Subtotal				$44.88	$100.37	$79.21	$184.99
Prompt Pay. Disc.	%	(1.5)		(0.67)	(1.51)	(1.19)	(2.77)
Total Bill				$44.21	$98.86	$78.02	$182.22

MEDIUM GENERAL SERVICE - Sec

Bill Calculations		Rate Schedule Charges	kW / kWh	12 / 1,500	12 / 4,000	30 / 6,000	30 / 10,000	40 / 10,000	40 / 14,000
Customer Charge	$/mo.	21.50		$21.50	$21.50	$21.50	$21.50	$21.50	$21.50
Energy Charges									
First (200*kW) kWh	$/kWh	0.07374		110.61	176.98	442.44	442.44	589.92	589.92
Over (200*kW) kWh	$/kWh	0.03689		0	59.02	0	147.56	73.78	221.34
Purchased Power Adjustment	$/kWh	0.02040		30.60	81.60	122.40	204.00	204.00	285.60
Base Bill				$162.71	$339.10	$586.34	$815.50	$889.20	$1,118.36
Fuel Adjustment	$/kWh	0.0107171		16.08	42.87	64.30	107.17	107.17	150.04
Subtotal				$178.79	$381.97	$650.64	$922.67	$996.37	$1,268.40
TN Inspection Fee	%	0.3		0.54	1.15	1.95	2.77	2.99	3.81
Subtotal				$179.33	$383.12	$652.59	$925.44	$999.36	$1,272.21
Prompt Pay. Disc.	%	(1.5)		(2.69)	(5.75)	(9.79)	(13.88)	(14.99)	(19.08)
Total Bill				$176.64	$377.37	$642.80	$911.56	$984.37	$1,253.13

Edison Electric Institute
Typical net Monthly Bills
Rates as of January 1, 2015
Without Storm Damage Rider (SDR)

LARGE GENERAL SERVICE - Sec

Bill Calculations		Rate Schedule Charges	kVA / kW / kWh	118 / 100 / 30,000	118 / 100 / 36,000	176 / 150 / 30,000	176 / 150 / 60,000	176 / 150 / 100,000
Customer Charge	$/mo.	77.85		$77.85	$77.85	$77.85	$77.85	$77.85
Energy Charges	$/kWh	0.03869		1,160.70	1,392.84	1,160.70	2,321.40	3,869.00

Demand Charges	$/kVA	3.79	447.22	447.22	667.04	667.04	667.04
Purchased Power Adjustment	$/kWh $/kW	0.00881 4.19	264.30 419.00	317.16 419.00	264.30 628.50	528.60 628.50	881.00 628.50
Base Bill			$2,369.07	$2,654.07	$2,798.39	$4,223.39	$6,123.39
Fuel Adjustment	$/kWh	0.0107171	321.51	385.82	321.51	643.03	1,071.71
Subtotal			$2,690.58	$3,039.89	$3,119.90	$4,866.42	$7,195.10
TN Inspection Fee	%	0.3	8.07	9.12	9.36	14.60	21.59
Subtotal			$2,698.65	$3,049.01	$3,129.26	$4,881.02	$7,216.69
Prompt Pay. Disc.	%	(1.5)	(40.48)	(45.74)	(46.94)	(73.22)	(108.25)
Total Bill			$2,658.17	$3,003.27	$3,082.32	$4,807.80	$7,108.44

LARGE GENERAL SERVICE - Pri

Bill Calculations		Rate Schedule Charges						
			kVA	1,176	1,176	1,176	1,176	1,176
			kW	1,000	1,000	1,000	1,000	1,000
			kWh	200,000	300,000	360,000	400,000	650,000
Customer Charge	$/mo.	163.60		$163.60	$163.60	$163.60	$163.60	$163.60
Energy Charges	$/kWh	0.03401		6,802.00	10,203.00	12,243.60	13,604.00	22,106.50
Demand Charges	$/kVA	3.68		4,327.68	4,327.68	4,327.68	4,327.68	4,327.68
Purchased Power Adjustment	$/kWh $/kW	0.00881 4.19		1,762.00 4,190.00	2,643.00 4,190.00	3,171.60 4,190.00	3,524.00 4,190.00	5,726.50 4,190.00
Base Bill				$17,245.28	$21,527.28	$24,096.48	$25,809.28	$36,514.28
Fuel Adjustment	$/kWh	0.0107171		2,143.42	3,215.13	3,858.16	4,286.84	6,966.12
Subtotal				$19,388.70	$24,742.41	$27,954.64	$30,096.12	$43,480.40
TN Inspection Fee	%	0.3		58.17	74.23	83.86	90.29	130.44
Subtotal				$19,446.87	$24,816.64	$28,038.50	$30,186.41	$43,610.84
Prompt Pay. Disc.	%	(1.5)		(291.70)	(372.25)	(420.58)	(452.80)	(654.16)
Total Bill				$19,155.17	$24,444.39	$27,617.92	$29,733.61	$42,956.68

INDUSTRIAL POWER - Pri

Bill Calculations		Rate Schedule Charges							
		kVAR		599	599	599	1,197	1,197	1,197
			kW	5,000	5,000	5,000	10,000	10,000	10,000
			kWh	1,500,000	2,500,000	3,250,000	3,000,000	5,000,000	6,500,000
Customer Charge	$/mo.	240.00		$240.00	$240.00	$240.00	$240.00	$240.00	$240.00
Energy Charges	$/kWh	0.02302		34,530.00	57,550.00	74,815.00	69,060.00	115,100.00	149,630.00
Demand Charges	$/kW	8.70		43,500.00	43,500.00	43,500.00	87,000.00	87,000.00	87,000.00
Reactive Charges	$/kVar	0.75		449.25	449.25	449.25	897.75	897.75	897.75
Purchased Power Adjustment	$/kWh $/kW	0.00713 3.98		10,695.00 19,900.00	17,825.00 19,900.00	23,172.50 19,900.00	21,390.00 39,800.00	35,650.00 39,800.00	46,345.00 39,800.00
Base Bill				$109,314.25	$139,464.25	$162,076.75	$218,387.75	$278,687.75	$323,912.75
Fuel Adjustment	$/kWh	0.0107171		16,075.65	26,792.75	34,830.58	32,151.30	53,585.50	69,661.15
Subtotal				$125,389.90	$166,257.00	$196,907.33	$250,539.05	$332,273.25	$393,573.90
TN Inspection Fee	%	0.3		376.17	498.77	590.72	751.62	996.82	1,180.72
Subtotal				$125,766.07	$166,755.77	$197,498.05	$251,290.67	$333,270.07	$394,754.62
Prompt Pay. Disc.	%	(1.5)		(1,886.49)	(2,501.34)	(2,962.47)	(3,769.36)	(4,999.05)	(5,921.32)
Total Bill				$123,879.58	$164,254.43	$194,535.58	$247,521.31	$328,271.02	$388,833.30

INDUSTRIAL POWER - Tran

Bill Calculations		Rate Schedule Charges				
		Ex. kVAR		5,987	5,987	5,987
			kW	50,000	50,000	50,000
			kWh	15,000,000	25,000,000	32,500,000
Customer Charge	$/mo.	1,930.00		$1,930.00	$1,930.00	$1,930.00
Energy Charges	$/kWh	0.02241		336,150.00	560,250.00	728,325.00
Demand Charges	$/kW	7.60		380,000.00	380,000.00	380,000.00
Reactive Charges	$/kVar	0.75		4,490.25	4,490.25	4,490.25
Purchase Power Adj.	$/kWh $/kW	0.00713 3.98		106,950.00 199,000.00	178,250.00 199,000.00	231,725.00 199,000.00
Base bill				$1,028,520.25	$1,323,920.25	$1,545,470.25
Fuel Adjustment	$/kWh	0.0107171		160,756.50	267,927.50	348,305.75
Subtotal				$1,189,276.75	$1,591,847.75	$1,893,776.00
TN Inspection Fee Rider	%	0.0		0.00	0.00	0.00
Subtotal				1,189,276.75	1,591,847.75	1,893,776.00
Prompt Pay. Disc.	%	0.0		0.00	0.00	0.00
Total Bill				$1,189,276.75	$1,591,847.75	$1,893,776.00

Edison Electric Institute
Typical Net Monthly Bills
With Proposed Damage Rider (SDR)

Kingsport Power Company

RESIDENTIAL

Bill Calculations		Rate Schedule Charges	100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh
Customer Charge	$/mo.	7.30	$7.30	$7.30	$7.30	$7.30	$7.30
Energy Charges	$/kWh	0.04873	4.87	12.18	24.37	36.55	48.73
SDR Rider	$/kWh	0.00169	0.17	0.42	0.85	1.27	1.69
Purchased Power Adjustment	$/kWh	0.02146	2.15	5.37	10.73	16.10	21.46
Base Bill			$14.49	$25.27	$43.25	$61.22	$79.18
Fuel Adjustment	$/kWh	0.0107171	1.07	2.68	5.36	8.04	10.72
Subtotal			$15.56	$27.95	$48.61	$69.26	$89.90
TN Inspection Fee	%	0.3	0.05	0.08	0.15	0.21	0.27
Subtotal			$15.61	$28.03	$48.76	$69.47	$90.17
Prompt Pay. Disc.	%	(1.5)	(0.23)	(0.42)	(0.73)	(1.04)	(1.35)
Total Bill			$15.38	$27.61	$48.03	$68.43	$88.82

SMALL GENERAL SERVICE

Bill Calculations		Rate Schedule Charges	kW / kWh	3 / 375	3 / 1,000	6 / 750	6 / 2,000
Customer Charge	$/mo.	8.80		$8.80	$8.80	$8.80	$8.80
Energy Charges							
First 600 kWh	$/kWh	0.06792		25.47	40.75	40.75	40.75
Over 600 kWh	$/kWh	0.05643		0.00	22.57	8.46	79.00
SDR Rider	$/kWh	0.00108		0.41	1.08	0.81	2.16
Purchased Power Adjustment	$/kWh	0.01723		6.46	17.23	12.92	34.46
Base Bill				$41.14	$90.43	$71.74	$165.17
Fuel Adjustment	$/kWh	0.0107171		4.02	10.72	8.04	21.43
Subtotal				$45.16	$101.15	$79.78	$186.60
TN Inspection Fee	%	0.3		0.14	0.30	0.24	0.56
Subtotal				$45.30	$101.45	$80.02	$187.16
Prompt Pay. Disc.	%	(1.5)		(0.68)	(1.52)	(1.20)	(2.81)
Total Bill				$44.62	$99.93	$78.82	$184.35

MEDIUM GENERAL SERVICE - Sec

Bill Calculations		Rate Schedule Charges	kW / kWh	12 / 1,500	12 / 4,000	30 / 6,000	30 / 10,000	40 / 10,000	40 / 14,000
Customer Charge	$/mo.	21.50		$21.50	$21.50	$21.50	$21.50	$21.50	$21.50
Energy Charges									
First (200*kW) kWh	$/kWh	0.07374		110.61	176.98	442.44	442.44	589.92	589.92
Over (200*kW) kWh	$/kWh	0.03689		0	59.02	0	147.56	73.78	221.34
SDR Rider	$/kWh	0.00113		1.70	4.52	6.78	11.30	11.30	15.82
Purchased Power Adjustment	$/kWh	0.02040		30.60	81.60	122.40	204.00	204.00	285.60
Base Bill				$164.41	$343.62	$593.12	$826.80	$900.50	$1,134.18
Fuel Adjustment	$/kWh	0.0107171		16.08	42.87	64.30	107.17	107.17	150.04
Subtotal				$180.49	$386.49	$657.42	$933.97	$1,007.67	$1,284.22
TN Inspection Fee	%	0.3		0.54	1.16	1.97	2.80	3.02	3.85
Subtotal				$181.03	$387.65	$659.39	$936.77	$1,010.69 #	$1,288.07
Prompt Pay. Disc.	%	(1.5)		(2.72)	(5.81)	(9.89)	(14.05)	(15.16)	(19.32)
Total Bill				$178.31	$381.84	$649.50	$922.72	$995.53	$1,268.75

Edison Electric Institute
Typical Net Monthly Bills
With Proposed Storm Damage Rider (SDR)

Kingsport Power Company

LARGE GENERAL SERVICE - Sec

Bill Calculations		Rate Schedule Charges	kVA / kW / kWh	118 / 100 / 30,000	118 / 100 / 36,000	176 / 150 / 30,000	176 / 150 / 60,000	176 / 150 / 100,000
Customer Charge	$/mo.	77.85		$77.85	$77.85	$77.85	$77.85	$77.85
Energy Charges	$/kWh	0.03869		1,160.70	1,392.84	1,160.70	2,321.40	3,869.00

Demand Charges	$/kVA	3.79	447.22	447.22	667.04	667.04	667.04
SDR Rider	Demand	0.2612	26.12	26.12	39.18	39.18	39.18
Purchased Power Adjustment	$/kWh	0.00881	264.30	317.16	264 30	528.60	881.00
	$/KW	4.19	419.00	419.00	628.50	628.50	628.50
Base Bill			$2,395.19	$2,680.19	$2,837.57	$4,262.57	$6,162.57
Fuel Adjustment	$/kWh	0.0107171	321.51	385.82	321.51	643.03	1,071.71
Subtotal			$2,716.70	$3,066.01	$3,159.08	$4,905.60	$7,234.28
TN Inspection Fee	%	0.3	8 15	9.20	9.48	14.72	21.70
Subtotal			$2,724.85	$3,075.21	$3,168.56	$4,920.32	$7,255.98
Prompt Pay. Disc.	%	(1.5)	(40.87)	(46.13)	(47.53)	(73.80)	(108.84)
Total Bill			$2,683.98	$3,029.08	$3,121.03	$4,846.52	$7,147.14

LARGE GENERAL SERVICE - Pri

Bill Calculations		Rate Schedule Charges						
			kVA	1,176	1,176	1,176	1,176	1,176
			kW	1,000	1,000	1,000	1,000	1,000
			kWh	200,000	300,000	360,000	400,000	650,000
Customer Charge	$/mo.	163.60		$163.60	$163.60	$163.60	$163.60	$163.60
Energy Charges	$/kWh	0.03401		6,802.00	10,203.00	12,243.60	13,604.00	22,106.50
Demand Charges	$/kVA	3.68		4,327.68	4,327.68	4,327.68	4,327.68	4,327.68
SDR Rider	$/kW	0.2612		261.20	261.20	261.20	261.20	261.20
Purchased Power Adjustment	$/kWh	0.00881		1,762.00	2,643.00	3,171.60	3,524.00	5,726.50
	$/KW	4.19		4,190.00	4,190.00	4,190.00	4,190.00	4,190.00
Base Bill				$17,506.48	$21,788.48	$24,357.68	$26,070.48	$36,775.48
Fuel Adjustment	$/kWh	0.0107171		2,143.42	3,215.13	3,858.16	4,286.84	6,966.12
Subtotal				$19,649.90	$25,003.61	$28,215.84	$30,357.32	$43,741.60
TN Inspection Fee	%	0.3		58.95	75.01	84.65	91.07	131.22
Subtotal				$19,708.85	$25,078.62	$28,300.49	$30,448.39	$43,872.82
Prompt Pay Disc.	%	(1.5)		(295.63)	(376.18)	(424.51)	(456.73)	(658.09)
Total Bill				$19,413.22	$24,702.44	$27,875.98	$29,991.66	$43,214.73

INDUSTRIAL POWER - Pri

Bill Calculations		Rate Schedule Charges							
		kVAR		599	599	599	1,197	1,197	1,197
			kW	5,000	5,000	5,000	10,000	10,000	10,000
			kWh	1,500,000	2,500,000	3,250,000	3,000,000	5,000,000	6,500,000
Customer Charge	$/mo	240.00		$240.00	$240.00	$240.00	$240.00	$240.00	$240.00
Energy Charges	$/kWh	0.02302		34.530.00	57,550.00	74,815.00	69,060.00	115,100.00	149,630.00
Demand Charges	$/kW	8.70		43,500.00	43,500.00	43,500.00	87,000.00	87,000.00	87,000.00
Reactive Charges	$/kVar	0.75		449.25	449.25	449.25	897.75	897.75	897.75
SDR Rider	$/kW	0.1897		948.50	948.50	948.50	1,897.00	1,897.00	1,897.00
Purchased Power Adjustment	$/kWh	0.00713		10,695.00	17,825.00	23,172.50	21,390.00	35,650.00	46,345.00
	$/kW	3.98		19,900.00	19,900.00	19,900.00	39,800.00	39,800.00	39,800.00
Base Bill				$110,262.75	$140,412.75	$163,025.25	$220,284.75	$280,584.75	$325,809.75
Fuel Adjustment	$/kWh	0 0107171		16,075.65	26,792.75	34,830.58	32,151.30	53,585.50	69,661.15
Subtotal				$126,338.40	$167,205.50	$197,855.83	$252,436.05	$334,170.25	$395,470.90
TN Inspection Fee	%	0.3		379.02	501.62	593.57	757.31	1,002.51	1,186.41
Subtotal				$126,717.42	$167,707.12	$198,449.40	$253,193.36	$335,172.76	$396,657.31
Prompt Pay. Disc.	%	(1.5)		(1,900.76)	(2,515.61)	(2,976.74)	(3,797.90)	(5,027.59)	(5,949.86)
Total Bill				$124,816.66	$165,191.51	$195,472.66	$249,395.46	$330,145.17	$390,707.45

INDUSTRIAL POWER - Tran

Bill Calculations		Rate Schedule Charges				
		Ex. kVAR		5,987	5,987	5,987
			kW	50,000	50,000	50,000
			kWh	15,000,000	25,000,000	32,500,000
Customer Charge	$/mo.	1,930.00		$1,930.00	$1,930.00	$1,930.00
Energy Charges	$/kWh	0.02241		336,150.00	560,250.00	728,325.00
Demand Charges	$/kW	7.60		380,000.00	380,000.00	380,000.00
Reactive Charges	$/kVar	0.75		4,490.25	4,490.25	4,490.25
SDR Rider	$/kW	0.3250		16,250.00	16,250.00	16,250.00
Purchase Power Adj.	$/kWh	0.00713		106,950.00	178,250.00	231,725.00
	$/kW	3.98		199,000.00	199,000.00	199,000.00
Base bill				$1,044,770.25	$1,340,170.25	$1,561,720.25
Fuel Adjustment	$/kWh	0.0107171		160,756.50	267,927.50	348,305.75
Subtotal				$1,205,526.75	$1,608,097.75	$1,910,026.00
TN Inspection Fee Rider	%	0.0		0.00	0.00	0.00
Subtotal				1,205,526.75	1,608,097 75	1,910,026.00
Prompt Pay. Disc.	%	0.0		0.00	0.00	0.00
Total Bill				$1,205,526.75	$1,608,097.75	$1,910,026.00

TENNESSEE REGULATORY AUTHORITY
PETITION OF KINGSPORT POWER COMPANY
DOCKET NO. 15-00024
Data Requests and Requests for the Production of Documents by the TRA Staff of the Tennessee Regulatory Authority (First Set) To Kingsport Power Company

Data Request AG 1-006:

Provide a pro forma calculation of the storm damage rider as shown in Exhibits 1, 2 and 3 applied to consumption instead of demand and to all customers (transmission and distribution).

Response AG 1-006:

Please see AG 1-006, Attachments 1-3 for the pro forma calculation of the storm damage rider as shown in Exhibits 1, 2 & 3 applied to consumption instead of demand. Please note that no storm related costs were booked to transmission accounts nor should they be assigned to transmission customers (see response to AG 1-005).

Supplemental Response 6-18-15:
As noted in the original response, the Company strongly contends it would be improper to allocate costs not attributable to the transmission system to the transmission customers, thus creating a subsidy between the transmission customers and other customers.. Additionally, the Company's chosen allocation basis, non-coincident peaks, is used to allocate distribution costs in its cost of service studies among distribution-level customers, and is not used to allocate transmission costs. In an attempt to respond to this request, the Company modified the allocator to also pick up the non-coincident peaks for the transmission customers. Please see AG 1-006 Attachments (Revised 6-18-15) on the attached CD for the requested calculations.

Kingsport Power Company
Calculation of Demand Allocation Factors
Storm Damage Rider

Recovery Amount = $2,039,395

Class	2013 12 NCP Average Peak Load (MW)	2012 Loss Factor	Loss Adjusted Load (to Transmission)	2013 Allocation	Demand Allocation $	Metered kWH 2013	SDR Factor ($/kWH)	Number of Lamps	SDR Factor ($/Lamp)
Residential	306	1.05597	323	57.22%	$1,166,934	691,036,589	0.00169		
SGS	6	1.05597	6	1.12%	$22,881	21,193,777	0.00108		
MGS	32	1.05597	34	5.98%	$122,032	107,693,050	0.00113		
LGS	48	1.05597	51	8.98%	$183,048	237,843,832	0.00077		
IP - Pri	9	1.02602	9	1.64%	$33,348	64,587,150	0.00052		
IP - Trans	109	1.04664	114	20.20%	$412,000	815,491,816	0.00051		
EHG	8	1.05597	8	1.50%	$30,508	26,480,603	0.00115		
CS	5	1.05597	5	0.93%	$19,068	9,831,595	0.00194		
PS	10	1.05597	11	1.87%	$38,135	28,611,892	0.00133		
OL	3	1.05597	3	0.56%	$11,441			5,439	0.1753
Total	536		565	100%	$2,039,395				

KINGSPORT POWER COMPANY
d/b/a AEP APPALACHIAN POWER
Kingsport, Tennessee

Revised Sheet No. 20
T.R.A. Tariff Number 1

STORM DAMAGE RIDER

1. Surcharge

Pursuant to the provisions of this Rider, a Storm Damage Rider surcharge will be applied to each kilowatt-hour, kilowatt or lamp as billed under the Company's filed tariffs.

The Storm Damage Rider surcharge applicable to each tariff is set below:

Tariff	Energy Rate ($) / KWH	Lamp Rate ($) / Lamp
RS	0.00169	--
SGS	0.00108	--
MGS	0.00113	--
EHG	0.00115	--
CS	0.00194	--
PS	0.00133	--
LGS	0.00077	--
IP-PRI	0.00052	--
IP-TRANS	0.00051	--
OL	--	0.1753

Kingsport Power Company
Typical Monthly Bills
Estimated Impacts of Storm Damage Rider-As of January 1, 2015

RESIDENTIAL						
		100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh
Difference		$0.17	$0.41	$0.85	$1.26	$1.68
% Difference		1.12%	1.51%	1.80%	1.88%	1.93%

SMALL GENERAL SERVICE					
	kW	3	3	6	6
	kWh	375	1,000	750	2,000
Difference		$0.41	$1.07	$0.80	$2.13
% Difference		0.93%	1.08%	1.03%	1.17%

MEDIUM GENERAL SERVICE - Sec							
	kW	12	12	30	30	40	40
	kWh	1,500	4,000	6,000	10,000	10,000	14,000
Difference		$1.67	$4.47	$6.70	$11.16	$11.16	$15.62
% Difference		0.95%	1.18%	1.04%	1.22%	1.13%	1.25%

LARGE GENERAL SERVICE - Sec						
	kVA	118	118	176	176	176
	kW	100	100	150	150	150
	kWh	30,000	36,000	30,000	60,000	100,000
Difference		$22.82	$27.39	$22.82	$45.65	$76.07
% Difference		0.86%	0.91%	0.74%	0.95%	1.07%
LARGE GENERAL SERVICE - Pri						
	kVA	1,176	1,176	1,176	1,176	1,176
	kW	1,000	1,000	1,000	1,000	1,000
	kWh	200,000	300,000	360,000	400,000	650,000
Difference		$152.14	$228.22	$273.87	$304.29	$494.47
% Difference		0.79%	0.93%	0.99%	1.02%	1.15%

INDUSTRIAL POWER - Pri							
	kW	5,000	5,000	5,000	10,000	10,000	10,000
	kWh	1,500,000	2,500,000	3,250,000	3,000,000	5,000,000	6,500,000
Difference		$770.60	$1,284.34	$1,669.64	$1,541.21	$2,568.68	$3,339.29
% Difference		0.62%	0.78%	0.86%	0.62%	0.78%	0.86%
INDUSTRIAL POWER - Trans							
	kW	5,000	5,000	5,000			
	kWh	15,000,000	25,000,000	32,500,000			
		$21,974.84	$31,923.81	$39,385.53			
		1.87%	2.03%	2.11%			

Edison Electric Institute
Typical net Monthly Bills
Rates as of January 1, 2015
Without Storm Damage Rider (SDR)

Kingsport Power Company

RESIDENTIAL

Bill Calculations		Rate Schedule Charges	100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh
Customer Charge	$/mo.	7.30	$7.30	$7.30	$7.30	$7.30	$7.30
Energy Charges	$/kWh	0.04873	4.87	12.18	24.37	36.55	48.73
Purchased Power Adjustment	$/kWh	0.02146	2.15	5.37	10.73	16.10	21.46
Base Bill			$14.32	$24.85	$42.40	$59.95	$77.49
Fuel Adjustment	$/kWh	0.0107171	1.07	2.68	5.36	8.04	10.72
Subtotal			$15.39	$27.53	$47.76	$67.99	$88.21
TN Inspection Fee	%	0.3	0.05	0.08	0.14	0.20	0.26
Subtotal			$15.44	$27.61	$47.90	$68.19	$88.47
Prompt Pay. Disc.	%	(1.5)	(0.23)	(0.41)	(0.72)	(1.02)	(1.33)
Total Bill			$15.21	$27.20	$47.18	$67.17	$87.14

SMALL GENERAL SERVICE

Bill Calculations		Rate Schedule Charges	kW / kWh	3 / 375	3 / 1,000	6 / 750	6 / 2,000
Customer Charge	$/mo.	8.80		$8.80	$8.80	$8.80	$8.80
Energy Charges							
First 600 kWh	$/kWh	0.06792		25.47	40.75	40.75	40.75
Over 600 kWh	$/kWh	0.05643		0.00	22.57	8.46	79.00
Purchased Power Adjustment	$/kWh	0.01723		6.46	17.23	12.92	34.46
Base Bill				$40.73	$89.35	$70.93	$163.01
Fuel Adjustment	$/kWh	0.0107171		4.02	10.72	8.04	21.43
Subtotal				$44.75	$100.07	$78.97	$184.44
TN Inspection Fee	%	0.3		0.13	0.30	0.24	0.55
Subtotal				$44.88	$100.37	$79.21	$184.99
Prompt Pay. Disc.	%	(1.5)		(0.67)	(1.51)	(1.19)	(2.77)
Total Bill				$44.21	$98.86	$78.02	$182.22

MEDIUM GENERAL SERVICE - Sec

Bill Calculations		Rate Schedule Charges	kW / kWh	12 / 1,500	12 / 4,000	30 / 6,000	30 / 10,000	40 / 10,000	40 / 14,000
Customer Charge	$/mo.	21.50		$21.50	$21.50	$21.50	$21.50	$21.50	$21.50
Energy Charges									
First (200*kW) kWh	$/kWh	0.07374		110.61	176.98	442.44	442.44	589.92	589.92
Over (200*kW) kWh	$/kWh	0.03689		0	59.02	0	147.56	73.78	221.34
Purchased Power Adjustment	$/kWh	0.02040		30.60	81.60	122.40	204.00	204.00	285.60
Base Bill				$162.71	$339.10	$586.34	$815.50	$889.20	$1,118.36
Fuel Adjustment	$/kWh	0.0107171		16.08	42.87	64.30	107.17	107.17	150.04
Subtotal				$178.79	$381.97	$650.64	$922.67	$996.37	$1,268.40
TN Inspection Fee	%	0.3		0.54	1.15	1.95	2.77	2.99	3.81
Subtotal				$179.33	$383.12	$652.59	$925.44	$999.36	$1,272.21
Prompt Pay. Disc.	%	(1.5)		(2.69)	(5.75)	(9.79)	(13.88)	(14.99)	(19.08)
Total Bill				$176.64	$377.37	$642.80	$911.56	$984.37	$1,253.13

Edison Electric Institute
Typical net Monthly Bills
Rates as of January 1, 2015
Without Storm Damage Rider (SDR)

LARGE GENERAL SERVICE - Sec

Bill Calculations		Rate Schedule Charges	kVA / kW / kWh	118 / 100 / 30,000	118 / 100 / 36,000	176 / 150 / 30,000	176 / 150 / 60,000	176 / 150 / 100,000
Customer Charge	$/mo.	77.85		$77.85	$77.85	$77.85	$77.85	$77.85
Energy Charges	$/kWh	0.03869		1,160.70	1,392.84	1,160.70	2,321.40	3,869.00

Demand Charges	$/kVA	3.79	447.22	447.22	667.04	667.04	667.04
Purchased Power Adjustment	$/kWh	0.00881	264.30	317.16	264.30	528.60	881.00
	$/kW	4.19	419.00	419.00	628.50	628.50	628.50
Base Bill			$2,369.07	$2,654.07	$2,798.39	$4,223.39	$6,123.39
Fuel Adjustment	$/kWh	0.0107171	321.51	385.82	321.51	643.03	1,071.71
Subtotal			$2,690.58	$3,039.89	$3,119.90	$4,866.42	$7,195.10
TN Inspection Fee	%	0.3	8.07	9.12	9.36	14.60	21.59
Subtotal			$2,698.65	$3,049.01	$3,129.26	$4,881.02	$7,216.69
Prompt Pay. Disc.	%	(1.5)	(40.48)	(45.74)	(46.94)	(73.22)	(108.25)
Total Bill			$2,658.17	$3,003.27	$3,082.32	$4,807.80	$7,108.44

LARGE GENERAL SERVICE - Pri

Bill Calculations		Rate Schedule Charges						
			kVA	1,176	1,176	1,176	1,176	1,176
			kW	1,000	1,000	1,000	1,000	1,000
			kWh	200,000	300,000	360,000	400,000	650,000
Customer Charge	$/mo.	163.60		$163.60	$163.60	$163.60	$163.60	$163.60
Energy Charges	$/kWh	0.03401		6,802.00	10,203.00	12,243.60	13,604.00	22,106.50
Demand Charges	$/kVA	3.68		4,327.68	4,327.68	4,327.68	4,327.68	4,327.68
Purchased Power Adjustment	$/kWh	0.00881		1,762.00	2,643.00	3,171.60	3,524.00	5,726.50
	$/kW	4.19		4,190.00	4,190.00	4,190.00	4,190.00	4,190.00
Base Bill				$17,245.28	$21,527.28	$24,096.48	$25,809.28	$36,514.28
Fuel Adjustment	$/kWh	0.0107171		2,143.42	3,215.13	3,858.16	4,286.84	6,966.12
Subtotal				$19,388.70	$24,742.41	$27,954.64	$30,096.12	$43,480.40
TN Inspection Fee	%	0.3		58.17	74.23	83.86	90.29	130.44
Subtotal				$19,446.87	$24,816.64	$28,038.50	$30,186.41	$43,610.84
Prompt Pay. Disc.	%	(1.5)		(291.70)	(372.25)	(420.58)	(452.80)	(654.16)
Total Bill				$19,155.17	$24,444.39	$27,617.92	$29,733.61	$42,956.68

INDUSTRIAL POWER - Pri

Bill Calculations		Rate Schedule Charges							
		kVAR		599	599	599	1,197	1,197	1,197
			kW	5,000	5,000	5,000	10,000	10,000	10,000
			kWh	1,500,000	2,500,000	3,250,000	3,000,000	5,000,000	6,500,000
Customer Charge	$/mo.	240.00		$240.00	$240.00	$240.00	$240.00	$240.00	$240.00
Energy Charges	$/kWh	0.02302		34,530.00	57,550.00	74,815.00	69,060.00	115,100.00	149,630.00
Demand Charges	$/kW	8.70		43,500.00	43,500.00	43,500.00	87,000.00	87,000.00	87,000.00
Reactive Charges	$/kVar	0.75		449.25	449.25	449.25	897.75	897.75	897.75
Purchased Power Adjustment	$/kWh	0.00713		10,695.00	17,825.00	23,172.50	21,390.00	35,650.00	46,345.00
	$/kW	3.98		19,900.00	19,900.00	19,900.00	39,800.00	39,800.00	39,800.00
Base Bill				$109,314.25	$139,464.25	$162,076.75	$218,387.75	$278,687.75	$323,912.75
Fuel Adjustment	$/kWh	0.0107171		16,075.65	26,792.75	34,830.58	32,151.30	53,585.50	69,661.15
Subtotal				$125,389.90	$166,257.00	$196,907.33	$250,539.05	$332,273.25	$393,573.90
TN Inspection Fee	%	0.3		376.17	498.77	590.72	751.62	996.82	1,180.72
Subtotal				$125,766.07	$166,755.77	$197,498.05	$251,290.67	$333,270.07	$394,754.62
Prompt Pay. Disc.	%	(1.5)		(1,886.49)	(2,501.34)	(2,962.47)	(3,769.36)	(4,999.05)	(5,921.32)
Total Bill				$123,879.58	$164,254.43	$194,535.58	$247,521.31	$328,271.02	$388,833.30

INDUSTRIAL POWER - Tran

Bill Calculations		Rate Schedule Charges				
		Ex. kVAR		5,987	5,987	5,987
			kW	50,000	50,000	50,000
			kWh	15,000,000	25,000,000	32,500,000
Customer Charge	$/mo.	1,930.00		$1,930.00	$1,930.00	$1,930.00
Energy Charges	$/kWh	0.02241		336,150.00	560,250.00	728,325.00
Demand Charges	$/kW	7.60		380,000.00	380,000.00	380,000.00
Reactive Charges	$/kVar	0.75		4,490.25	4,490.25	4,490.25
Purchase Power Adj.	$/kWh	0.00713		106,950.00	178,250.00	231,725.00
	$/kW	3.98		199,000.00	199,000.00	199,000.00
Base bill				$1,028,520.25	$1,323,920.25	$1,545,470.25
Fuel Adjustment	$/kWh	0.0107171		160,756.50	267,927.50	348,305.75
Subtotal				$1,189,276.75	$1,591,847.75	$1,893,776.00
TN Inspection Fee Rider	%	0.3		3,567.83	4,775.54	5,681.33
Subtotal				1,192,844.58	1,596,623.29	1,899,457.33
Prompt Pay. Disc.	%	(1.5)		(17,892.67)	(23,949.35)	(28,491.86)
Total Bill				$1,174,951.91	$1,572,673.94	$1,870,965.47

Edison Electric Institute
Typical Net Monthly Bills
With Proposed Damage Rider (SDR)

Kingsport Power Company

RESIDENTIAL

Bill Calculations		Rate Schedule Charges	100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh
Customer Charge	$/mo.	7.30	$7.30	$7.30	$7.30	$7.30	$7.30
Energy Charges	$/kWh	0.04873	4.87	12.18	24.37	36.55	48.73
SDR Rider	$/kWh	0.00169	0.17	0.42	0.85	1.27	1.69
Purchased Power Adjustment	$/kWh	0.02146	2.15	5.37	10.73	16.10	21.48
Base Bill			$14.49	$25.27	$43.25	$61.22	$79.18
Fuel Adjustment	$/kWh	0.0107171	1.07	2.68	5.36	8.04	10.72
Subtotal			$15.56	$27.95	$48.61	$69.26	$89.90
TN Inspection Fee	%	0.3	0.05	0.08	0.15	0.21	0.27
Subtotal			$15.61	$28.03	$48.76	$69.47	$90.17
Prompt Pay. Disc.	%	(1.5)	(0.23)	(0.42)	(0.73)	(1.04)	(1.35)
Total Bill			$15.38	$27.61	$48.03	$68.43	$88.82

SMALL GENERAL SERVICE

Bill Calculations		Rate Schedule Charges	kW / kWh	3 / 375	3 / 1,000	6 / 750	6 / 2,000
Customer Charge	$/mo	8.80		$8.80	$8.80	$8.80	$8.80
Energy Charges							
First 600 kWh	$/kWh	0.06792		25.47	40.75	40.75	40.75
Over 600 kWh	$/kWh	0.05643		0.00	22.57	8.46	79.00
SDR Rider	$/kWh	0.00108		0.41	1 08	0.81	2.16
Purchased Power Adjustment	$/kWh	0.01723		6.46	17.23	12.92	34.46
Base Bill				$41.14	$90.43	$71.74	$165.17
Fuel Adjustment	$/kWh	0.0107171		4.02	10.72	8.04	21.43
Subtotal				$45.16	$101.15	$79.78	$186.60
TN Inspection Fee	%	0.3		0.14	0.30	0.24	0.56
Subtotal				$45.30	$101.45	$80.02	$187.16
Prompt Pay. Disc.	%	(1.5)		(0.68)	(1.52)	(1.20)	(2.81)
Total Bill				$44.62	$99.93	$78.82	$184.35

MEDIUM GENERAL SERVICE - Sec

Bill Calculations		Rate Schedule Charges	kW / kWh	12 / 1,500	12 / 4,000	30 / 6,000	30 / 10,000	40 / 10,000	40 / 14,000
Customer Charge	$/mo.	21.50		$21.50	$21.50	$21.50	$21.50	$21.50	$21.50
Energy Charges									
First (200*kW) kWh	$/kWh	0.07374		110.61	176.98	442.44	442.44	589.92	589.92
Over (200*kW) kWh	$/kWh	0.03689		0	59.02	0	147.56	73.78	221.34
SDR Rider	$/kWh	0.00113		1 70	4.52	6.78	11.30	11.30	15.82
Purchased Power Adjustment	$/kWh	0.02040		30.60	81.60	122.40	204.00	204.00	285.60
Base Bill				$164.41	$343.62	$593.12	$826.80	$900.50	$1,134.18
Fuel Adjustment	$/kWh	0.0107171		16.08	42.87	64.30	107.17	107.17	150.04
Subtotal				$180 49	$386.49	$657.42	$933.97	$1,007.67	$1,284.22
TN Inspection Fee	%	0.3		0.54	1.16	1.97	2.80	3.02	3.85
Subtotal				$181.03	$387.65	$659.39	$936.77	$1,010.69 #	$1,288.07
Prompt Pay. Disc.	%	(1.5)		(2.72)	(5.81)	(9.89)	(14.05)	(15.16)	(19.32)
Total Bill				$178.31	$381.84	$649.50	$922.72	$995.53	$1,268.75

Edison Electric Institute
Typical Net Monthly Bills
With Proposed Storm Damage Rider (SDR

Kingsport Power Company

LARGE GENERAL SERVICE - Sec

Bill Calculations		Rate Schedule Charges	kVA / kW / kWh	118 / 100 / 30,000	118 / 100 / 36,000	176 / 150 / 30,000	176 / 150 / 60,000	176 / 150 / 100,000
Customer Charge	$/mo.	77 85		$77.85	$77.85	$77.85	$77.85	$77.85
Energy Charges	$/kWh	0.03869		1,160.70	1,392.84	1,160.70	2,321.40	3,869.00

Demand Charges	$/kVA	3.79	447.22	447.22	667 04	667.04	667.04
SDR Rider	$/kWh	0.00077	23.10	27 72	23.10	46.20	77.00
Purchased Power Adjustment	$/kWh $/KW	0.00881 4.19	264.30 419.00	317.16 419.00	264.30 628.50	528.60 628.50	881.00 628.50
Base Bill			$2,392.17	$2,681.79	$2,821.49	$4,269.59	$6,200.39
Fuel Adjustment	$/kWh	0.0107171	321 51	385.82	321.51	643.03	1,071.71
Subtotal			$2,713.68	$3,067.61	$3,143.00	$4,912.62	$7,272.10
TN Inspection Fee	%	0.3	8.14	9.20	9.43	14.74	21.82
Subtotal			$2,721.82	$3,076.81	$3,152.43	$4,927.36	$7,293.92
Prompt Pay. Disc.	%	(1.5)	(40.83)	(46.15)	(47.29)	(73.91)	(109.41)
Total Bill			$2,680.99	$3,030.66	$3,105.14	$4,853.45	$7,184.51

LARGE GENERAL SERVICE - Pri

Bill Calculations		Rate Schedule Charges					
			kVA	1,176	1,176	1,176	1,176	1,176
			kW	1,000	1,000	1,000	1,000	1,000
			kWh	200,000	300,000	360,000	400,000	650,000
Customer Charge	$/mo.	163.60		$163.60	$163.60	$163.60	$163.60	$163.60
Energy Charges	$/kWh	0.03401		6,802.00	10,203.00	12,243.60	13,604.00	22,108.50
Demand Charges	$/kVA	3.68		4,327.68	4,327.68	4,327.68	4,327.68	4,327.68
SDR Rider	$/kWh	0.00077		154.00	231.00	277.20	308.00	500.50
Purchased Power Adjustment	$/kWh $/KW	0.00881 4.19		1,762.00 4,190 00	2,643.00 4,190.00	3,171 60 4,190.00	3,524.00 4,190.00	5,726.50 4,190.00
Base Bill				$17,399.28	$21,758.28	$24,373.68	$26,117.28	$37,014.78
Fuel Adjustment	$/kWh	0.0107171		2,143.42	3,215.13	3,858.16	4,286.84	6,966.12
Subtotal				$19.542 70	$24.973.41	$28,231.84	$30,404.12	$43,980.90
TN Inspection Fee	%	0.3		58.63	74.92	84 70	91.21	131.94
Subtotal				$19.601.33	$25,048.33	$28,316.54	$30,495.33	$44,112.84
Prompt Pay. Disc.	%	(1.5)		(294.02)	(375.72)	(424.75)	(457.43)	(661.69)
Total Bill				$19,307.31	$24,672.61	$27,891.79	$30,037.90	$43,451.15

INDUSTRIAL POWER - Pri

Bill Calculations		Rate Schedule Charges							
		kVAR		599	599	599	1,197	1,197	1,197
			kW	5,000	5,000	5,000	10,000	10,000	10,000
			kWh	1,500,000	2,500,000	3,250,000	3,000,000	5,000,000	6,500,000
Customer Charge	$/mo.	240.00		$240.00	$240.00	$240.00	$240.00	$240.00	$240.00
Energy Charges	$/kWh	0.02302		34,530.00	57,550.00	74,815.00	69,060.00	115,100.00	149,630.00
Demand Charges	$/kW	8.70		43.500.00	43,500.00	43,500.00	87,000.00	87,000.00	87,000.00
Reactive Charges	$/kVar	0.75		449.25	449.25	449.25	897.75	897.75	897.75
SDR Rider	$/kWh	0.00052		780.00	1,300.00	1,690 00	1,560 00	2,600.00	3,380.00
Purchased Power Adjustment	$/kWh $/kW	0.00713 3.98		10,695.00 19,900.00	17,825.00 19,900.00	23,172.50 19,900.00	21,390.00 39,800.00	35,650.00 39,800.00	46,345.00 39,800.00
Base Bill				$110,094.25	$140,764 25	$163,766.75	$219,947.75	$281,287.75	$327,292.75
Fuel Adjustment	$/kWh	0.0107171		16,075.65	26,792.75	34,830.58	32,151.30	53,585.50	69,661.15
Subtotal				$126,169 90	$167,557.00	$198,597.33	$252,099.05	$334,873.25	$396,953.90
TN Inspection Fee	%	0.3		378.51	502.67	595.79	756.30	1,004.62	1,190.86
Subtotal				$126,548.41	$168,059.67	$199,193.12	$252,855.35	$335,877.87	$398,144.76
Prompt Pay Disc.	%	(1.5)		(1,898.23)	(2,520.90)	(2,987.90)	(3,792.83)	(5,038.17)	(5,972.17)
Total Bill				$124,650.18	$165,538.77	$196,205.22	$249,062.52	$330,839.70	$392,172.59

INDUSTRIAL POWER - Tran

Bill Calculations		Rate Schedule Charges				
		Ex. kVAR		5,987	5,987	5,987
			kW	50,000	50,000	50,000
			kWh	15,000,000	25,000,000	32,500,000
Customer Charge	$/mo.	1,930.00		$1,930.00	$1,930.00	$1,930 00
Energy Charges	$/kWh	0.02241		336,150.00	560,250.00	728,325.00
Demand Charges	$/kW	7.60		380,000.00	380,000.00	380,000.00
Reactive Charges	$/kVar	0.75		4,490.25	4,490.25	4,490.25
SDR Rider	$/kWh	0.00051		7,650.00	12,750.00	16,575.00
Purchase Power Adj.	$/kWh $/kW	0.00713 3.98		106,950.00 199,000.00	178,250.00 199,000.00	231,725.00 199,000.00
Base bill				$1,036,170.25	$1,336,670 25	$1,562,045.25
Fuel Adjustment	$/kWh	0.0107171		160,756.50	267,927.50	348,305.75
Subtotal				$1.196,926 75	$1,604,597.75	$1,910,351.00
TN Inspection Fee Rider	%	0.0		0.00	0.00	0.00
Subtotal				1,196,926.75	1,604,597.75	1,910,351.00
Prompt Pay. Disc.	%	0.0		0.00	0.00	0.00
Total Bill				$1,196,926.75	$1,604,597.75	$1,910,351.00