

**BEFORE THE
ARKANSAS PUBLIC SERVICE COMMISSION**

**IN THE MATTER OF THE APPLICATION
OF THE OKLAHOMA GAS AND
ELECTRIC COMPANY FOR APPROVAL
OF A GENERAL CHANGE IN RATES,
CHARGES AND TARIFFS**

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DOCKET NO. 16-052-U

DIRECT EXHIBITS OF DAVID E. DISMUKES, PH.D.

ON BEHALF OF

THE OFFICE OF ARKANSAS ATTORNEY GENERAL LESLIE RUTLEDGE

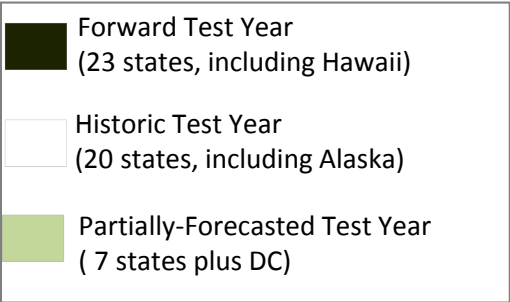
JANUARY 31, 2017

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Survey of States using Historic and Forecasted Test Years

Witness: Dismukes
Docket No. 16-052-U
Exhibit DED-1



Source: State Public Service Commission Orders.

Comparison of Oklahoma Gas and Electric Jurisdictional Allocation Factors

Witness: Dismukes
Docket No. 16-052-U
Exhibit DED-2

	OCC Cause No. PUD 201500273 12 Months Ending 06/30/2015			Arkansas Percentage	APSC Docket No. 16-052-U 12 Months Ending 6/30/2016			Arkansas Percentage
	Arkansas	Oklahoma			Arkansas	Oklahoma		
Total Gross Plant	\$ 976,808,470	\$ 8,640,592,641	10.2%		\$ 792,424,332	\$ 9,057,976,842	8.0%	
Accumulated Depreciation	366,948,469	3,306,120,181			304,877,037	3,450,473,708		
Plant Held for Future Use	418,538	1,079,239			-	-		
Total Net Plant	\$ 610,278,539	\$ 5,335,551,699	10.3%		\$ 487,547,295	\$ 5,607,503,134	8.0%	
Total Electric Operating Revenue	\$ 97,981,327	\$ 1,150,374,539	7.8%		\$ 92,342,756	\$ 1,064,051,174	8.0%	
Total Operating Expense	75,084,088	906,096,962	7.7%		69,655,578	770,474,755	8.3%	
Operating Income	\$ 22,897,239	\$ 244,277,577	8.6%		\$ 22,687,178	\$ 293,576,419	7.2%	

Source: Oklahoma Corporation Commission Cause No. PUD 201500273, Schedule K-1; and Petition, Schedule G-1.

Comparison of Company Cost of Service Results And Proposed Revenue Allocations

Witness: Dismukes
Docket No. 16-052-U
Exhibit DED-3

	TOTAL ARKANSAS JURISDICTION	TOTAL RESIDENTIAL SERVICE	TOTAL GENERAL SERVICE	TOTAL MUNICIPAL PUMPING	ATHLETIC FIELD	TOTAL PWR & LGHT STANDARD	TOTAL PWR & LGHT TOU	MUNICIPAL LIGHTING	OUTDOOR SEC. LGHT
Cost of Service Results									
COS Operating Revenue	\$ 92,342,756	\$ 33,381,686	\$ 9,921,131	\$ 61,809	\$ 57,921	\$ 26,853,167	\$ 18,976,791	\$ 1,098,512	\$ 1,991,739
Operating Expenses	68,752,743	29,221,293	8,009,131	60,325	66,851	18,164,899	11,571,437	562,964	1,095,844
Operating Income	\$ 23,590,013	\$ 4,160,393	\$ 1,912,000	\$ 1,484	\$ (8,930)	\$ 8,688,268	\$ 7,405,354	\$ 535,548	\$ 895,895
Operating Income After Taxes	22,685,693	5,690,361	2,035,103	7,929	3,553	7,639,692	6,298,200	370,495	640,360
Rate Base	\$ 543,930,992	\$ 214,009,855	\$ 61,104,237	\$ 486,351	\$ 642,319	\$ 154,369,779	\$ 97,639,984	\$ 5,394,848	\$ 10,283,619
Rate of Return	4.17%	2.66%	3.33%	1.63%	0.55%	4.95%	6.45%	6.87%	6.23%
Relative Rate of Return	1.00	0.64	0.80	0.39	0.13	1.19	1.55	1.65	1.49
Proposed Revenue Allocation									
Revenue Allocation Current Revenues	\$ 167,720,688	\$ 55,968,794	\$ 16,515,750	\$ 99,057	\$ 88,742	\$ 49,613,313	\$ 41,487,718	\$ 1,367,162	\$ 2,580,151
Proposed Revenues	184,218,699	66,394,877	19,114,377	119,057	106,742	52,434,869	42,101,463	1,367,162	2,580,151
Revenue Change	\$ 16,498,011	\$ 10,426,083	\$ 2,598,627	\$ 20,000	\$ 18,000	\$ 2,821,556	\$ 613,745	\$ -	\$ -
Proposed Revenue Increase	9.84%	18.63%	15.73%	20.19%	20.28%	5.69%	1.48%	0.00%	0.00%
Relative Revenue Increase	1.00	1.89	1.60	2.05	2.06	0.58	0.15	0.00	0.00

Source: Direct Testimony of Scott J. Bryan, Workpaper.

Alternative Revenue Allocation

Witness: Dismukes
Docket No. 16-052-U
Exhibit DED-4

	TOTAL ARKANSAS JURISDICTION	TOTAL RESIDENTIAL SERVICE	TOTAL GENERAL SERVICE	TOTAL MUNICIPAL PUMPING	ATHLETIC FIELD	TOTAL PWR & LGHT STANDARD	TOTAL PWR & LGHT TOU	MUNICIPAL LIGHTING	OUTDOOR SEC. LGHT
Cost of Service Results									
COS Operating Revenue	\$ 92,342,756	\$ 33,381,686	\$ 9,921,131	\$ 61,809	\$ 57,921	\$ 26,853,167	\$ 18,976,791	\$ 1,098,512	\$ 1,991,739
Operating Expenses	68,752,743	29,221,293	8,009,131	60,325	66,851	18,164,899	11,571,437	562,964	1,095,844
Expense Reductions	(2,924,248)	(1,242,864)	(340,651)	(2,566)	(2,843)	(772,604)	(492,166)	(23,944)	(46,609)
Corrected Expenses	65,828,494	27,978,429	7,668,480	57,759	64,007	17,392,295	11,079,272	539,019	1,049,234
Operating Income	\$ 26,514,262	\$ 5,403,257	\$ 2,252,651	\$ 4,050	\$ (6,086)	\$ 9,460,872	\$ 7,897,519	\$ 559,493	\$ 942,505
Operating Income After Taxes	\$24,494,767	6,459,253	2,245,846	9,517	5,312	8,117,660	6,602,676	385,309	669,194
Rate Base	\$ 543,930,992	\$ 214,009,855	\$61,104,237	\$ 486,351	\$ 642,319	\$ 154,369,779	\$ 97,639,984	\$ 5,394,848	\$10,283,619
Rate Base Reductions	\$ (914,902)	\$ (359,969)	\$ (102,778)	\$ (818)	\$ (1,080)	\$ (259,653)	\$ (164,232)	\$ (9,074)	\$ (17,297)
Corrected Rate Base	\$ 543,016,089	\$ 213,649,887	\$61,001,459	\$ 485,533	\$ 641,239	\$ 154,110,126	\$ 97,475,751	\$ 5,385,773	\$10,266,322
Rate of Return	4.51%	3.02%	3.68%	1.96%	0.83%	5.27%	6.77%	7.15%	6.52%
Relative Rate of Return	1.00	0.67	0.82	0.43	0.18	1.17	1.50	1.59	1.45
Proposed Revenue Allocation									
Current Operating Income After Taxes	\$24,494,767								
Proposed System ROR	5.30%								
Implied Income Required	\$ 28,779,853								
Operating Income Deficiency	\$ 4,285,086								
Revenue Conversion Factor	1.616434								
Revenue Deficiency	\$ 6,926,558								
Current Revenues (see Scott Direct pg. 19, Chart 8)	\$ 167,720,688	\$ 55,968,794	\$16,515,750	\$ 99,057	\$ 88,742	\$ 49,613,313	\$ 41,487,718	\$ 1,367,162	\$ 2,580,151
Proposed System ROR	5.30%	5.30%	5.30%	5.30%	5.30%	5.30%	5.30%	5.30%	5.30%
Operating Income from COS	\$24,494,767	6,459,253	2,245,846	9,517	5,312	8,117,660	6,602,676	385,309	669,194
Operating Income at System ROR	28,779,853	11,323,444	3,233,077	25,733	33,986	8,167,837	5,166,215	285,446	544,115
Incremental Income at System ROR	\$ 4,285,086	\$ 4,864,191	\$ 987,232	\$ 16,216	\$ 28,674	\$ 50,177	\$ (1,436,461)	\$ (99,863)	\$ (125,079)
Revenue Conversion Factor	1.616434								
Increment Revenue Requirement at System ROR	\$ 6,926,558.27	\$ 7,862,642.94	\$ 1,595,795	\$ 26,213	\$ 46,349	\$ 81,107	\$ (2,321,945)	\$ (161,421)	\$ (202,182)
Percent Increase at System ROR	4.13%	14.05%	9.66%	26.46%	52.23%	0.16%	-5.60%	-11.81%	-7.84%
Relative Revenue Increases	1.00	3.40	2.34	6.41	12.65	0.04	-1.36	-2.86	-1.90
Step One Increase									
Maximum Increase at 1.25 times System Average Increase	5.16%	5.16%	5.16%	5.16%	5.16%	0.00%	0.00%	0.00%	0.00%
Step One Revenue Increase	\$ 3,751,544	\$ 2,889,261	\$ 852,588	\$ 5,114	\$ 4,581	\$ -	\$ -	\$ -	\$ -
Remaining Revenue Deficiency	\$ 3,175,014								
Step Two Increase									
Minimum Increase at 0.5 times System Average Increase	2.06%	0.00%	0.00%	0.00%	0.00%	0.00%	2.06%	2.06%	2.06%
Step Two Revenue Increase	\$ 938,192	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 856,684	\$ 28,231	\$ 53,278
Remaining Revenue Deficiency	\$ 2,236,822								
Step Three Increase									
Current Revenues for Step Three Classes	49,613,313	-	-	-	-	49,613,313	-	-	-
Step Three Revenue Increase	\$ 2,236,822	\$ -	\$ -	\$ -	\$ -	\$ 2,236,822	\$ -	\$ -	\$ -
Total Proposed Revenue Increase	\$ 6,926,558	\$ 2,889,261	\$ 852,588	\$ 5,114	\$ 4,581	\$ 2,236,822	\$ 856,684	\$ 28,231	\$ 53,278
Proposed Revenue Allocation - Summary									
Current Revenues	\$ 167,720,688	\$ 55,968,794	\$16,515,750	\$ 99,057	\$ 88,742	\$ 49,613,313	\$ 41,487,718	\$ 1,367,162	\$ 2,580,151
Proposed Revenue Increase	6,926,558	2,889,261	852,588	5,114	4,581	2,236,822	856,684	28,231	53,278
Proposed Revenues	\$ 174,647,246	\$ 58,858,055	\$17,368,338	\$ 104,170	\$ 93,323	\$ 51,850,135	\$ 42,344,401	\$ 1,395,393	\$ 2,633,429
Proposed Revenue Increase	4.13%	5.16%	5.16%	5.16%	5.16%	4.51%	2.06%	2.06%	2.06%
Relative Revenue Increase	1.00	1.25	1.25	1.25	1.25	1.09	0.50	0.50	0.50

Source: Direct Testimony of Scott J. Bryan, Workpaper.

Comparison of Current and Proposed Fixed Charge Recovery

Witness: Dismukes
Docket No. 16-052-U
Exhibit DED-5

	Billing Determinate	Present Rates			Proposed Rates		
		Rate	Revenue	Percent of Total Revenue	Rate	Revenue	Percent of Total Revenue
<u>Fixed Charges</u>							
Customer Charge	607,428 Bills	\$ 7.94	\$ 4,822,978	16.89%	\$ 11.80	\$ 7,167,650	17.92%
Demand Charge							
Winter	3,015,053 kW	\$ -	\$ -	0.00%	\$ 1.00	\$ 3,015,053	7.54%
Summer	2,051,642 kW	\$ -	\$ -	0.00%	\$ 1.00	\$ 2,051,642	5.13%
Total Demand Charge			\$ -	0.00%		\$ 5,066,695	12.67%
Total Fixed Charges			\$ 4,822,978	16.89%		\$12,234,345	30.59%
<u>Variable Charges</u>							
Winter Energy Charge							
First 600 kWh	175,065,332 kWh	\$0.0290	\$ 5,076,895	17.78%	\$0.0260	\$ 4,551,699	11.38%
Over 600 kWh	176,709,583 kWh	\$0.0210	\$ 3,710,901	12.99%	\$0.0260	\$ 4,594,449	11.49%
Summer Energy Charge							
First 1,400 kWh	241,590,542 kWh	\$0.0465	\$11,233,960	39.34%	\$0.0628	\$15,171,886	37.93%
Over 1,400 kWh	54,841,736 kWh	\$0.0677	\$ 3,712,786	13.00%	\$0.0628	\$ 3,444,061	8.61%
Total Energy Charges			\$23,734,542	83.11%		\$27,762,095	69.41%
Total Variable Charges			\$23,734,542	83.11%		\$27,762,095	69.41%
Total Base Residential Revenues			\$28,557,520	100.00%		\$39,996,440	100.00%

Source: Petition, Schedule H-2.

Comparison of Current and Proposed Customer Charges

Witness: Dismukes
Docket No. 16-052-U
Exhibit DED-6

	Residential Service			General Service			Standard Power and Light	
	Residential Service Standard Rate (R-1)	Residential Service Time-of-Use Rate (R-TOU)	Residential Service Variable Peak Pricing Rate (R-VPP)	General Service Rate (GS-1)	General Service Time-of-Use Rate (GS-TOU)	General Service Variable Peak Pricing Rate (GS-VPP)	Power and Light Rate (Levels 2, 3, and 4) (PL-1)	Power and Light Rate (Level 5) (PL-1)
Current Charge	\$7.94	\$7.94	\$9.94	\$21.75	\$21.75	\$25.25	\$225.00	\$85.00
Proposed Charge	\$11.80	\$11.80	\$11.80	\$28.00	\$28.00	\$28.00	\$300.00	\$115.00
Percentage Difference	48.6%	48.6%	18.7%	28.7%	28.7%	10.9%		35.3%

	Time-of-Use Power and Light			Municipal Pumping (PM-1)	Athletic Field Lighting (AFL-1)
	Power and Light Time-of-Use Rate (Level 1) (PL-TOU)	Power and Light Time-of-Use Rate (Levels 2 and 3) (PL-TOU)	Power and Light Time-of-Use Rate (Level 5) (PL-TOU)		
Current Charge	\$450.00	\$225.00	\$85.00	\$28.00	\$28.00
Proposed Charge	\$450.00	\$300.00	\$115.00	\$28.00	\$28.00
Percentage Difference	0.0%	33.3%	35.3%	0.0%	0.0%

Source: Petition, part 7, Proposed Tariffs.

Comparison of Customer-related Costs to Customer Charge Revenues

Witness: Dismukes
Docket No. 16-052-U
Exhibit DED-7

	Total AR	Total Residential Service ("RS")	Total General Service ("GS")	Total Municipal Pumping ("MP")	Athletic Field ("AFL")	Total Power and Light Standard ("PL")	Total Power and Light Time-of-Use ("PL TOU")
<u>Customer Related Costs per Company's CCOS</u>							
Services	\$ 986,187	\$ 652,753	\$ 230,854	\$ 1,069	\$ 265	\$ 90,103	\$ 11,144
Meters	2,915,095	1,834,734	426,466	2,616	1,245	581,466	68,566
Customer Accounts Expenses	2,802,448	2,332,905	420,446	2,636	1,164	41,603	3,693
Customer Service Expenses	1,402,291	1,167,415	210,327	1,320	583	20,800	1,846
Customer Sales Expenses	543,890	300,776	63,100	340	150	164,887	14,636
Other Customer Expenses	1,020,745	204,573	83,023	164	(51)	370,688	362,349
Total Customer-Related	\$ 9,670,656	\$ 6,493,156	\$ 1,434,216	\$ 8,146	\$ 3,356	\$ 1,269,548	\$ 462,235
Average Number of Customers	66,405	55,556	9,727	64	29	946	83
Monthly Customer-Related Costs per Customer	\$ 12.14	\$ 9.74	\$ 12.29	\$ 10.61	\$ 9.64	\$ 111.83	\$ 464.09
Customer Charge Revenue	\$ 9,139,918	\$ 5,392,807	\$ 2,550,003	\$ 21,504	\$ 9,744	\$ 1,028,760	\$ 137,100
Monthly Customer Charge Revenue/Customer	\$11.47	\$8.09	\$21.85	\$28.00	\$28.00	\$90.62	\$137.65
Relationship of Customer Charge Revenues to Costs	94.5%	83.1%	177.8%	264.0%	290.4%	81.0%	29.7%

Source: Company's Class Cost of Service Study; and Application, Schedule H-2.

Survey of South-Central Regional Electric Utility Customer Charges

Witness: Dismukes
Docket No. 16-052-U
Exhibit DED-8

State	Company	Residential Rate	Small Commercial Rate
AR	Oklahoma Gas & Electric Co.	\$7.94	\$21.75
AR	Entergy Arkansas, Inc.	\$8.40	\$24.25
AR	Empire District Electric Co.	\$11.04	\$14.35
AR	Southwestern Electric Power Co. ¹	\$7.75	\$8.60
KS	Empire District Electric Co.	\$14.00	\$19.00
KS	Kansas City Power & Light Co.	\$14.00	\$18.46
KS	Westar Energy, Inc.	\$14.50	\$22.50
LA	Cleco Power, LLC	\$9.00	\$10.00
LA	Entergy Louisiana, LLC	\$4.46	\$13.39
LA	Entergy New Orleans, Inc.	\$8.07	\$11.13
LA	Southwestern Electric Power Co.	\$5.49	\$19.57
MO	Empire District Electric Co.	\$13.00	\$22.69
MO	Kansas City Power & Light Co.	\$11.88	\$18.37
MO	KCP&L Greater Missouri Operations Co.	\$10.43	\$17.19
MO	Union Electric Co.	\$8.00	\$10.19
OK	Empire District Electric Co.	\$12.50	\$13.50
OK	Oklahoma Gas & Electric Co.	\$13.00	\$24.70
OK	Public Service Co. of Oklahoma	\$20.00	\$58.75
TX	El Paso Electric Co.	\$7.00	\$9.95
TX	Entergy Texas, Inc.	\$7.00	\$10.20
TX	Southwestern Electric Power Co. ²	\$8.00	\$11.59
TX	Southwestern Public Service Co.	\$9.50	\$12.70
Average:		\$10.23	\$17.86
¹ General Service customer charge is \$8.60 per meter plus \$4.20 for each kW in excess of 6 kW of billing demand.			
² General Service customer charge is \$11.59 per meter plus \$3.48 for each kW in excess of 10 kW of billing demand.			

Source: Utility Tariffs.

Comparison of Alternative Rates to Current and Company Proposed Rates

Witness: Dismukes
Docket No. 16-052-U
Exhibit DED-9
Page 1 of 3

Description	Company's Present Rates	Company's Proposed Rates	Increase \$	Increase %	Alternative Rates at Proposed Revenue Requirement	Increase \$	Increase %
Residential Service (R-1)							
Customer Charge	\$ 7.94	\$ 11.80	\$ 3.86	48.6%	\$ 7.94	\$ -	0.0%
Energy Rate							
Summer							
First 1,400 kWh	\$ 0.0465	\$ 0.0628	\$ 0.0163	35.1%	\$ 0.0560	\$ 0.0095	20.4%
Over 1,400 kWh	\$ 0.0677	\$ 0.0628	\$ (0.0049)	-7.2%	\$ 0.0815	\$ 0.0138	20.4%
Winter							
First 600 kWh	\$ 0.0290	\$ 0.0260	\$ (0.0030)	-10.3%	\$ 0.0349	\$ 0.0059	20.3%
Over 600 kWh	\$ 0.0210	\$ 0.0260	\$ 0.0050	23.8%	\$ 0.0253	\$ 0.0043	20.5%
Demand Charge	\$ -	\$ 1.00	\$ 1.00	-	\$ -	\$ -	0.0%
Residential Service Time-of-Use Rate (R-TOU)							
Customer Charge	\$ 7.94	\$ 11.80	\$ 3.86	48.6%	\$ 7.94	\$ -	0.0%
Energy Rate							
Summer							
On-Peak	\$ 0.1850	\$ 0.1850	\$ -	0.0%	\$ 0.2249	\$ 0.0399	21.6%
Off-Peak	\$ 0.0170	\$ 0.0320	\$ 0.0150	88.2%	\$ 0.0207	\$ 0.0037	21.8%
Winter							
First 1,000 kWh	\$ 0.0170	\$ 0.0260	\$ 0.0090	52.9%	\$ 0.0207	\$ 0.0037	21.8%
Over 1,000 kWh	\$ 0.0170	\$ 0.0260	\$ 0.0090	52.9%	\$ 0.0207	\$ 0.0037	21.8%
Residential Service Variable Peak Pricing Rate (R-VPP)							
Customer Charge	\$ 9.94	\$ 11.80	\$ 1.86	18.7%	\$ 9.94	\$ -	0.0%
Energy Rate							
Summer							
On-Peak Tier 1	\$ 0.0170	\$ 0.0320	\$ 0.0150	88.2%	\$ 0.0218	\$ 0.0048	28.2%
On-Peak Tier 2	\$ 0.0677	\$ 0.0700	\$ 0.0023	3.4%	\$ 0.0870	\$ 0.0193	28.5%
On-Peak Tier 3	\$ 0.1850	\$ 0.1850	\$ -	0.0%	\$ 0.2377	\$ 0.0527	28.5%
On-Peak Tier 4	\$ 0.3700	\$ 0.3700	\$ -	0.0%	\$ 0.4755	\$ 0.1055	28.5%
Off-Peak	\$ 0.0170	\$ 0.0320	\$ 0.0150	88.2%	\$ 0.0218	\$ 0.0048	28.2%
Winter Energy Rate	\$ 0.0170	\$ 0.0260	\$ 0.0090	52.9%	\$ 0.0218	\$ 0.0048	28.2%
General Service Rate (GS-1)							
Customer Charge	\$ 21.75	\$ 28.00	\$ 6.25	28.7%	\$ 21.75	\$ -	0.0%
Energy Rate							
Summer							
First 1,400 kWh	\$ 0.0430	\$ 0.0595	\$ 0.0165	38.4%	\$ 0.0524	\$ 0.0094	21.9%
Over 1,400 kWh	\$ 0.0637	\$ 0.0595	\$ (0.0042)	-6.6%	\$ 0.0777	\$ 0.0140	22.0%
Winter							
First 600 kWh	\$ 0.0230	\$ 0.0200	\$ (0.0030)	-13.0%	\$ 0.0280	\$ 0.0050	21.7%
Over 600 kWh	\$ 0.0150	\$ 0.0200	\$ 0.0050	33.3%	\$ 0.0183	\$ 0.0033	22.0%
Demand Charge	\$ -	\$ 1.00	\$ 1.00	-	\$ -	\$ -	0.0%
General Service Time-of-Use Rates (GS-TOU)							
Customer Charge	\$ 21.75	\$ 28.00	\$ 6.25	28.7%	\$ 21.75	\$ -	0.0%
Energy Rate							
Summer							
On-Peak	\$ 0.1850	\$ 0.1850	\$ -	0.0%	\$ 0.2284	\$ 0.0434	23.5%
Off-Peak	\$ 0.0170	\$ 0.0260	\$ 0.0090	52.9%	\$ 0.0210	\$ 0.0040	23.5%
Winter							
First 1,000 kWh	\$ 0.0170	\$ 0.0200	\$ 0.0030	17.6%	\$ 0.0210	\$ 0.0040	23.5%
Over 1,000 kWh	\$ 0.0170	\$ 0.0200	\$ 0.0030	17.6%	\$ 0.0210	\$ 0.0040	23.5%
General Service Variable Peak Pricing Rate (GS-VPP)							
Customer Charge	\$ 25.25	\$ 28.00	\$ 2.75	10.9%	\$ 25.25	\$ -	0.0%
Energy Rate							
Summer							
On-Peak Tier 1	\$ 0.0170	\$ 0.0320	\$ 0.0150	88.2%	\$ 0.0217	\$ 0.0047	27.6%
On-Peak Tier 2	\$ 0.0637	\$ 0.0700	\$ 0.0063	9.9%	\$ 0.0812	\$ 0.0175	27.5%
On-Peak Tier 3	\$ 0.1850	\$ 0.1850	\$ -	0.0%	\$ 0.2357	\$ 0.0507	27.4%
On-Peak Tier 4	\$ 0.3700	\$ 0.3700	\$ -	0.0%	\$ 0.3700	\$ -	0.0%
Off-Peak	\$ 0.0170	\$ 0.0260	\$ 0.0090	52.9%	\$ 0.0217	\$ 0.0047	27.6%
Winter Energy Rate	\$ 0.0170	\$ 0.0200	\$ 0.0030	17.6%	\$ 0.0217	\$ 0.0047	27.6%

Comparison of Alternative Rates to Current and Company Proposed Rates

Witness: Dismukes
Docket No. 16-052-U
Exhibit DED-9
Page 2 of 3

Description	Company's Present Rates	Company's Proposed Rates	Increase \$	%	Alternative Rates at Proposed Revenue Requirement	Increase \$	%
Power and Light Rate (PL-1) (Level 2)							
Customer Charge	\$ 225.00	\$ 300.00	\$ 75.00	33.3%	\$ 225.00	\$ -	0.0%
Energy Rate							
Summer	\$ 0.0060	\$ 0.0080	\$ 0.0020	33.3%	\$ 0.0069	\$ 0.0009	15.0%
Winter	\$ 0.0060	\$ 0.0080	\$ 0.0020	33.3%	\$ 0.0069	\$ 0.0009	15.0%
Demand Charge							
Summer	\$ 10.00	\$ 9.50	\$ (0.50)	-5.0%	\$ 11.51	\$ 1.51	15.1%
Winter	\$ 7.25	\$ 7.00	\$ (0.25)	-3.4%	\$ 8.35	\$ 1.10	15.2%
Power and Light Rate (PL-1) (Levels 3 and 4)							
Customer Charge	\$ 225.00	\$ 300.00	\$ 75.00	33.3%	\$ 225.00	\$ -	0.0%
Energy Rate							
Summer	\$ 0.0060	\$ 0.0090	\$ 0.0030	50.0%	\$ 0.0071	\$ 0.0011	18.3%
Winter	\$ 0.0060	\$ 0.0090	\$ 0.0030	50.0%	\$ 0.0071	\$ 0.0011	18.3%
Demand Charge							
Summer	\$ 10.00	\$ 10.00	\$ -	0.0%	\$ 11.82	\$ 1.82	18.2%
Winter	\$ 7.25	\$ 7.25	\$ -	0.0%	\$ 8.57	\$ 1.32	18.2%
Power and Light Rate (PL-1) (Level 5)							
Customer Charge	\$ 85.00	\$ 115.00	\$ 30.00	35.3%	\$ 85.00	\$ -	0.0%
Energy Rate							
Summer	\$ 0.0065	\$ 0.0140	\$ 0.0075	115.4%	\$ 0.0077	\$ 0.0012	18.5%
Winter	\$ 0.0065	\$ 0.0140	\$ 0.0075	115.4%	\$ 0.0077	\$ 0.0012	18.5%
Demand Charge							
Summer	\$ 10.15	\$ 10.25	\$ 0.10	1.0%	\$ 12.03	\$ 1.88	18.5%
Winter	\$ 7.40	\$ 7.50	\$ 0.10	1.4%	\$ 8.77	\$ 1.37	18.5%
Power and Light (Demand)							
Time-of-Use Rate (PL-TOU) (Level 1)							
Customer Charge	\$ 450.00	\$ 450.00	\$ -	0.0%	\$ 450.00	\$ -	0.0%
Energy Rate							
Summer							
On-Peak	\$ 0.0040	\$ 0.0680	\$ 0.0640	1600.0%	\$ 0.0741	\$ 0.0701	1752.5%
Off-Peak	\$ 0.0040	\$ 0.0080	\$ 0.0040	100.0%	\$ 0.0085	\$ 0.0045	112.5%
Winter Energy Rate	\$ 0.0040	\$ 0.0080	\$ 0.0040	100.0%	\$ 0.0085	\$ 0.0045	112.5%
Demand Charge							
Summer							
On-Peak	\$ 6.35	\$ 3.05	\$ (3.30)	-52.0%	\$ 3.05	\$ (3.30)	-52.0%
Off-Peak	\$ 1.30	\$ 3.05	\$ 1.75	134.6%	\$ 3.05	\$ 1.75	134.6%
Winter Demand Charge	\$ 4.30	\$ 3.05	\$ (1.25)	-29.1%	\$ 3.05	\$ (1.25)	-29.1%
Power and Light (Demand)							
Time-of-Use Rate (PL-TOU) (Level 2)							
Customer Charge	\$ 225.00	\$ 300.00	\$ 75.00	33.3%	\$ 300.00	\$ 75.00	33.3%
Energy Rate							
Summer							
On-Peak	\$ 0.0060	\$ 0.0740	\$ 0.0680	1133.3%	\$ 0.0095	\$ 0.0035	58.3%
Off-Peak	\$ 0.0060	\$ 0.0090	\$ 0.0030	50.0%	\$ 0.0095	\$ 0.0035	58.3%
Winter Energy Rate	\$ 0.0060	\$ 0.0090	\$ 0.0030	50.0%	\$ 0.0095	\$ 0.0035	58.3%
Demand Charge							
Summer							
On-Peak	\$ 9.25	\$ 6.45	\$ (2.80)	-30.3%	\$ 6.45	\$ (2.80)	-30.3%
Off-Peak	\$ 2.40	\$ 6.45	\$ 4.05	168.8%	\$ 6.45	\$ 4.05	168.8%
Winter Demand Charge	\$ 6.80	\$ 6.45	\$ (0.35)	-5.1%	\$ 6.45	\$ (0.35)	-5.1%
Power and Light (Demand)							
Time-of-Use Rate (PL-TOU) (Level 3)							
Customer Charge	\$ 225.00	\$ 300.00	\$ 75.00	33.3%	\$ 300.00	\$ 75.00	33.3%
Energy Rate							
Summer							
On-Peak	\$ 0.0060	\$ 0.0740	\$ 0.0680	1133.3%	\$ 0.0115	\$ 0.0055	91.7%
Off-Peak	\$ 0.0060	\$ 0.0100	\$ 0.0040	66.7%	\$ 0.0090	\$ 0.0030	50.0%
Winter Energy Rate	\$ 0.0060	\$ 0.0100	\$ 0.0040	66.7%	\$ 0.0091	\$ 0.0031	51.7%
Demand Charge							
Summer							
On-Peak	\$ 9.25	\$ 6.45	\$ (2.80)	-30.3%	\$ 6.45	\$ (2.80)	-30.3%
Off-Peak	\$ 2.40	\$ 6.45	\$ 4.05	168.8%	\$ 6.45	\$ 4.05	168.8%
Winter Demand Charge	\$ 6.80	\$ 6.45	\$ (0.35)	-5.1%	\$ 6.45	\$ (0.35)	-5.1%
Power and Light (Demand)							
Time-of-Use Rate (PL-TOU) (Level 5)							
Customer Charge	\$ 85.00	\$ 115.00	\$ 30.00	35.3%	\$ 115.00	\$ 30.00	35.3%
Energy Rate							
Summer							
On-Peak	\$ 0.0065	\$ 0.0090	\$ 0.0025	1284.6%	\$ 0.0156	\$ 0.0091	140.0%
Off-Peak	\$ 0.0065	\$ 0.0140	\$ 0.0075	115.4%	\$ 0.0093	\$ 0.0028	43.1%
Winter Energy Rate	\$ 0.0065	\$ 0.0140	\$ 0.0075	115.4%	\$ 0.0092	\$ 0.0027	41.5%
Demand Charge							
Summer							
On-Peak	\$ 10.70	\$ 7.10	\$ (3.60)	-33.6%	\$ 7.10	\$ (3.60)	-33.6%
Off-Peak	\$ 2.55	\$ 7.10	\$ 4.55	178.4%	\$ 7.10	\$ 4.55	178.4%
Winter Demand Charge	\$ 7.00	\$ 7.10	\$ 0.10	1.4%	\$ 7.10	\$ 0.10	1.4%

Comparison of Alternative Rates to Current and Company Proposed Rates

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Description	Company's Present Rates	Company's Proposed Rates	Increase \$	%	Alternative Rates at Proposed Revenue Requirement	Increase \$	%
Power and Light (Energy)							
Time-of-Use Rate (PL-TOU) (Level 1)							
Customer Charge	\$ 450.00	\$ 450.00	\$ -	0.0%	\$ 450.00	\$ -	0.0%
Energy Rate							
Summer							
Superpeak	\$ 0.0760	\$ 0.0680	\$ (0.0080)	-10.5%	\$ 0.0741	\$ (0.0019)	-2.5%
On-Peak	\$ 0.0660	\$ 0.0680	\$ 0.0020	3.0%	\$ 0.0741	\$ 0.0081	12.3%
Off-Peak	\$ 0.0080	\$ 0.0080	\$ -	0.0%	\$ 0.0085	\$ 0.0005	6.3%
Winter Energy Rate	\$ 0.0080	\$ 0.0080	\$ -	0.0%	\$ 0.0085	\$ 0.0005	6.3%
Demand Charge	\$ 2.45	\$ 3.05	\$ 0.60	24.5%	\$ 3.05	\$ 0.60	24.5%
Power and Light (Energy)							
Time-of-Use Rate (PL-TOU) (Level 3)							
Customer Charge	\$ 225.00	\$ 300.00	\$ 75.00	33.3%	\$ 300.00	\$ 75.00	33.3%
Energy Rate							
Summer							
On-Peak	\$ 0.0770	\$ 0.0740	\$ (0.0030)	-3.9%	\$ 0.0115	\$ (0.0655)	-85.1%
Off-Peak	\$ 0.0100	\$ 0.0100	\$ -	0.0%	\$ 0.0090	\$ (0.0010)	-10.0%
Winter Energy Rate	\$ 0.0100	\$ 0.0100	\$ -	0.0%	\$ 0.0091	\$ (0.0009)	-9.0%
Demand Charge	\$ 5.00	\$ 6.45	\$ 1.45	29.0%	\$ 6.45	\$ 1.45	29.0%
Power and Light (Energy)							
Time-of-Use Rate (PL-TOU) (Level 5)							
Customer Charge	\$ 85.00	\$ 115.00	\$ 30.00	35.3%	\$ 115.00	\$ 30.00	35.3%
Energy Rate							
Summer							
On-Peak	\$ 0.0870	\$ 0.0900	\$ 0.0030	3.4%	\$ 0.0156	\$ (0.0714)	-82.1%
Off-Peak	\$ 0.0110	\$ 0.0140	\$ 0.0030	27.3%	\$ 0.0093	\$ (0.0017)	-15.5%
Winter Energy Rate	\$ 0.0110	\$ 0.0140	\$ 0.0030	27.3%	\$ 0.0092	\$ (0.0018)	-16.4%
Demand Charge	\$ 5.45	\$ 7.10	\$ 1.65	30.3%	\$ 7.10	\$ 1.65	30.3%
Municipal Pumping (PM-1)							
Customer Charge	\$ 28.00	\$ 28.00	\$ -	0.0%	\$ 28.00	\$ -	0.0%
Energy Rate							
Summer	\$ 0.0375	\$ 0.0650	\$ 0.0275	73.3%	\$ 0.0463	\$ 0.0088	23.5%
Winter	\$ 0.0260	\$ 0.0400	\$ 0.0140	53.8%	\$ 0.0321	\$ 0.0061	23.5%
Athletic Field Lighting (AFL-1)							
Customer Charge	\$ 28.00	\$ 28.00	\$ -	0.0%	\$ 28.00	\$ -	0.0%
Energy Rate							
Summer	\$ 0.0445	\$ 0.0800	\$ 0.0355	79.8%	\$ 0.0519	\$ 0.0074	16.6%
Winter	\$ 0.0445	\$ 0.0520	\$ 0.0075	16.9%	\$ 0.0519	\$ 0.0074	16.6%

CERTIFICATE OF SERVICE

I, Shawn McMurray, hereby certify that on January 31, 2017, I filed a copy of the foregoing utilizing the Commission's Electronic Filing System, which caused a copy to be served upon all parties of record via electronic mail.

/s/ Shawn McMurray
Shawn McMurray