

TRUE-UP REBUTTAL SCHEDULE TSL-1

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The Empire District Electric Company

Missouri Jurisdiction

Revenue Proof - Current Rates

Line Number	Rate Class	Annual Number of Bills	Current Customer Charge	Customer Charge Revenue (\$)	Usage Blocks	Usage (kWh Sales / kW Demand)	Current Usage Charge (\$/kWh, \$/kW)	Usage Revenue (\$)	Current Calculated Base Revenues (\$)	Current Reported Base Revenues (\$)	Other Revenues (\$)	Revenue Adjustments (\$)	Current Pro Forma Revenue (\$)
1	NS-RG Residential	8,652	\$ 13.00	\$ 112,476	First 600 kWh - Winter All Additional - Winter	2,907,389 4,072,118	\$ 0.13582 \$ 0.10938	\$ 394,882 \$ 445,408	\$ 1,416,948	\$ 1,416,948	\$ 12,470	\$ (995)	\$ 1,428,423
					First 600 kWh - Summer All Additional - Summer	1,441,375 1,963,124	\$ 0.13582 \$ 0.13582	\$ 195,768 \$ 266,631					
					RGL Rider			\$ 1,783					
2	TC-RG Residential	1,720,368	\$ 13.00	\$ 22,364,784	First 600 kWh - Winter All Additional - Winter	560,300,056 588,903,764	\$ 0.14031 \$ 0.11651	\$ 78,615,701 \$ 68,613,178	\$ 246,720,839	\$ 246,720,839	\$ 2,171,214	\$ (186,569)	\$ 248,705,484
					First 600 kWh - Summer All Additional - Summer	292,643,513 329,485,001	\$ 0.14031 \$ 0.14031	\$ 41,060,811 \$ 46,230,040					
					Off Peak kWh	493,322,435	\$ (0.0200)	\$ (9,866,449)					
					RGL Rider			\$ (297,227)					
3	TP-RG Residential	876	\$ 13.00	\$ 11,388	On Peak - Winter Off Peak - Winter	178,565 803,627	\$ 0.28793 \$ 0.08569	\$ 51,414 \$ 68,863	\$ 131,903	\$ 131,903	\$ 1,161	\$ (105)	\$ 132,959
					RGL Rider			\$ 237					
4	NS-GS General Service	10,668	\$ 23.97	\$ 255,712	Minimum Adjustment & Other First 700 kWh - Winter All Additional - Winter			\$ - \$ 452,761 \$ 440,477	\$ 1,675,922	\$ 1,675,922	\$ 14,749	\$ (355)	\$ 1,690,316
					First 700 kWh - Summer All Additional - Summer	3,371,515 3,664,533	\$ 0.13429 \$ 0.12020	\$ 452,761 \$ 440,477					
					First 700 kWh - Summer All Additional - Summer	1,685,782 2,238,353	\$ 0.13429 \$ 0.13429	\$ 226,384 \$ 300,588					
5	TC-GS General Service	259,476	\$ 23.97	\$ 6,219,640	Minimum Adjustment & Other First 600 kWh - Winter All Additional - Winter			\$ (67,168) \$ 10,560,945 \$ 23,682,057	\$ 59,579,576	\$ 59,579,576	\$ 524,317	\$ (32,421)	\$ 60,071,472
					First 600 kWh - Summer All Additional - Summer	76,021,774 187,595,507	\$ 0.13892 \$ 0.12624	\$ 10,560,945 \$ 23,682,057					
					First 600 kWh - Summer All Additional - Summer	38,500,135 115,294,684	\$ 0.13892 \$ 0.13892	\$ 5,348,439 \$ 16,016,738					
					Off Peak kWh	109,053,673	\$ (0.0200)	\$ (2,181,073)					
6	TP-GS General Service	48	\$ 23.97	\$ 1,151	On Peak - Winter Off Peak - Winter	3,036 12,278	\$ 0.32196 \$ 0.08363	\$ 978 \$ 1,027	\$ 3,155	\$ 3,155	\$ 28	\$ (1)	\$ 3,181
7	NS-LG Large General	2,664	\$ 69.49	\$ 185,121	Minimum Adjustment & Other First 150 Hours kWh - Winter Next 200 Hours kWh - Winter All Additional kWh - Winter			\$ - \$ 2,818,024 \$ 2,044,250 \$ 749,446	\$ 13,757,867	\$ 13,757,867	\$ 121,073	\$ (3,340)	\$ 13,875,601
					First 150 Hours kWh - Summer Next 200 Hours kWh - Summer All Additional kWh - Summer	36,712,137 32,692,301 12,091,732	\$ 0.07676 \$ 0.06253 \$ 0.06198	\$ 2,818,024 \$ 2,044,250 \$ 749,446					
					First 150 Hours kWh - Summer Next 200 Hours kWh - Summer All Additional kWh - Summer	19,953,874 18,329,208 7,605,347	\$ 0.08941 \$ 0.06939 \$ 0.06231	\$ 1,784,076 \$ 1,271,864 \$ 473,889					
					Facility Demand - Winter Billed Demand - Winter	566,488 263,674	\$ 2.13 \$ 6.96	\$ 1,206,620 \$ 1,835,173					
					Facility Demand - Summer Billed Demand - Summer	0 155,589	\$ 2.13 \$ 8.93	\$ - \$ 1,389,406					

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8	TC-LG Large General	30,360	\$ 69.49	\$ 2,109,716	Minimum Adjustment & Other			\$ (30,250)	\$ 99,833,765	\$ 99,833,765	\$ 878,566	\$ (69,010)	\$ 100,643,320
					First 150 Hours kWh - Winter	268,745,836	\$ 0.07793	\$ 20,943,363					
					Next 200 Hours kWh - Winter	228,595,390	\$ 0.06436	\$ 14,712,399					
					All Additional kWh - Winter	78,696,785	\$ 0.06385	\$ 5,024,790					
					First 150 Hours kWh - Summer	143,932,159	\$ 0.08998	\$ 12,951,016					
					Next 200 Hours kWh - Summer	140,719,849	\$ 0.07091	\$ 9,978,444					
					All Additional kWh - Summer	52,311,164	\$ 0.06417	\$ 3,356,807					
					Facility Demand - Winter	4,061,734	\$ 2.13	\$ 8,651,493					
					Billed Demand - Winter	2,003,240	\$ 6.96	\$ 13,942,552					
					Facility Demand - Summer	0	\$ 2.13	\$ -					
					Billed Demand - Summer	1,056,160	\$ 8.93	\$ 9,431,504					
					Off Peak kWh	247,614,049	\$ (0.0050)	\$ (1,238,070)					
9	NS-SP Small Primary	312	\$ 69.49	\$ 21,681	Minimum Adjustment & Other			\$ 51,828	\$ 7,968,045	\$ 7,968,045	\$ 70,121	\$ 285,068	\$ 8,323,234
					First 150 Hours kWh - Winter	20,685,589	\$ 0.07527	\$ 1,557,004					
					Next 200 Hours kWh - Winter	19,093,744	\$ 0.06131	\$ 1,170,637					
					All Additional kWh - Winter	10,485,310	\$ 0.06077	\$ 637,192					
					First 150 Hours kWh - Summer	11,127,248	\$ 0.08767	\$ 975,526					
					Next 200 Hours kWh - Summer	10,796,642	\$ 0.06804	\$ 734,604					
					All Additional kWh - Summer	6,874,104	\$ 0.06110	\$ 420,008					
					Facility Demand - Winter	310,098	\$ 2.08	\$ 645,004					
					Billed Demand - Winter	152,871	\$ 6.82	\$ 1,042,583					
					Facility Demand - Summer	0	\$ 2.08	\$ -					
					Billed Demand - Summer	81,369	\$ 8.75	\$ 711,978					
10	TC-SP Small Primary	408	\$ 69.49	\$ 28,352	Minimum Adjustment & Other			\$ 199,454	\$ 2,623,439	\$ 2,623,439	\$ 23,087	\$ 7,535	\$ 2,654,062
					First 150 Hours kWh - Winter	7,228,429	\$ 0.07641	\$ 552,324					
					Next 200 Hours kWh - Winter	6,368,102	\$ 0.06311	\$ 401,891					
					All Additional kWh - Winter	1,213,748	\$ 0.06261	\$ 75,993					
					First 150 Hours kWh - Summer	3,355,462	\$ 0.08823	\$ 296,052					
					Next 200 Hours kWh - Summer	3,381,490	\$ 0.06953	\$ 235,115					
					All Additional kWh - Summer	708,843	\$ 0.06292	\$ 44,600					
					Facility Demand - Winter	119,946	\$ 2.08	\$ 249,489					
					Billed Demand - Winter	52,248	\$ 6.82	\$ 356,331					
					Facility Demand - Summer	0	\$ 2.08	\$ -					
					Billed Demand - Summer	25,055	\$ 8.75	\$ 219,235					
					Off Peak kWh	7,223,869	\$ (0.0049)	\$ (35,397)					
11	LP Large Power	517	\$ 283.55	\$ 146,595	Minimum Adjustment & Other			\$ -	\$ 67,931,236	\$ 67,931,236	\$ 597,814	\$ 1,226,007	\$ 69,755,058
					First 350 Hours kWh - Winter	350,130,018	\$ 0.05995	\$ 20,990,295					
					All Additional kWh - Winter	164,448,439	\$ 0.03394	\$ 5,581,380					
					First 350 Hours kWh - Summer	190,003,090	\$ 0.06790	\$ 12,901,210					
					All Additional kWh - Winter	98,944,096	\$ 0.03528	\$ 3,490,748					
					Facility Demand - Winter	1,818,821	\$ 1.88	\$ 3,419,383					
					Billed Demand - Winter	1,049,559	\$ 10.27	\$ 10,778,968					
					Facility Demand - Summer	0	\$ 1.88	\$ -					
					Billed Demand - Summer	570,804	\$ 18.61	\$ 10,622,658					

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12	TS-Transmission	12	\$ 275.00	\$ 3,300	Minimum Adjustment & Other			\$ -	\$ 4,674,852	\$ 4,674,852	\$ 41,140	\$ 366,576	\$ 5,082,568
					On Peak Period - Winter	21,633,695	\$ 0.03890	\$ 841,551					
					Shoulder Period - Winter	0	\$ -	\$ -					
					Off Peak Period - Winter	24,293,433	\$ 0.03181	\$ 772,774					
					On Peak Period - Summer	4,756,558	\$ 0.05594	\$ 266,082					
					Shoulder Period - Summer	6,529,676	\$ 0.04467	\$ 291,681					
					Off Peak Period - Summer	11,606,969	\$ 0.03387	\$ 393,128					
					Facility Demand - Winter	96,946	\$ 0.53	\$ 51,381					
					Billed Demand - Winter	64,727	\$ 18.39	\$ 1,190,322					
					Facility Demand - Summer	0	\$ 0.53	\$ -					
					Billed Demand - Summer	31,952	\$ 27.06	\$ 864,633					
13	MS-Miscellaneous	24	\$ 20.98	\$ 500	All kWh	133,657	\$ 0.10692	\$ 14,291	\$ 14,790	\$ 14,790	\$ 130	\$ (5)	\$ 14,915
14	SPL-Municipal St Lighting	84			<u>Incandescent Lamp Sizes</u>			\$ -	\$ 2,269,445	\$ 2,269,445	\$ 19,972	\$ (1,702)	\$ 2,287,715
					4,000 Lumen	0	\$ 67.46	\$ -					
					<u>Mercury Vapor Lamp Sizes</u>								
					7,000 Lumen Mercury	81,220	\$ 91.62	\$ 620,115					
					11,000 Lumen Mercury	6,712	\$ 109.95	\$ 61,499					
					20,000 Lumen Mercury	1,998	\$ 157.41	\$ 26,209					
					53,000 Lumen Mercury	36	\$ 265.58	\$ 797					
					<u>High Pressure Sodium Vapor Lamp Sizes</u>								
					6,000 Lumen HP Sodium	16,768	\$ 85.85	\$ 119,961					
					16,000 Lumen HP Sodium	75,935	\$ 107.46	\$ 679,998					
					27,500 Lumen HP Sodium	20,461	\$ 139.85	\$ 238,456					
					50,000 Lumen HP Sodium	2,340	\$ 199.31	\$ 38,865					
					130,000 Lumen HP Sodium	36	\$ 321.64	\$ 965					
					<u>Metal Halide Lamp Sizes</u>								
					12,000 Lumen MetalH	3,828	\$ 134.35	\$ 42,858					
					20,500 Lumen MetalH	7,623	\$ 164.64	\$ 104,588					
					36,000 Lumen MetalH	1,029	\$ 220.24	\$ 18,886					
					110,000 Lumen MetalH	0	\$ 508.78	\$ -					
					<u>LED Lamps</u>								
					7,500-9,500 LED	43,698	\$ 74.03	\$ 269,580					
					13,000-16,000 LED	5,206	\$ 100.02	\$ 43,392					
					19,000-22,000 LED	215	\$ 148.35	\$ 2,658					
					Equipment Recovery			\$ 620					

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15	PL-Private Lighting	2,633			<u>Installation Charge: Standard SL</u>				\$	4,129,302	\$	4,129,302	\$	36,339	\$	(1,182)	\$	4,164,459	
					Mercury Vapor Lamp Sizes														
					6,800 Lumen Std Mercury	28,689	\$	16.49	\$	473,082									
					20,000 Lumen Std Mercury	2,263	\$	27.44	\$	62,097									
					54,000 Lumen Std Mercury	230	\$	52.59	\$	12,096									
					Sodium Vapor Lamp Sizes														
					6,000 Lumen Std Sodium	56,057	\$	15.22	\$	853,188									
					16,000 Lumen Std Sodium	26,673	\$	22.14	\$	590,540									
					27,500 Lumen Std Sodium	2,044	\$	32.02	\$	65,449									
					50,000 Lumen Std Sodium	2,812	\$	37.14	\$	104,438									
					Metal Halide Lamp Sizes														
					12,000 Lumen Std MetalH	896	\$	25.67	\$	23,000									
					20,500 Lumen Std MetalH	1,007	\$	34.27	\$	34,510									
					36,000 Lumen Std MetalH	1,271	\$	38.44	\$	48,857									
					<u>Installation: Standard Flood</u>														
					Mercury Vapor Lamp Sizes														
					20,000 Lumen Mercury FL	385	\$	38.44	\$	14,799									
					54,000 Lumen Mercury FL	291	\$	63.47	\$	18,470									
					Sodium Vapor Lamp Sizes														
					27,500 Lumen Sodium FL	4,129	\$	37.25	\$	153,805									
					50,000 Lumen Sodium FL	3,359	\$	51.09	\$	171,611									
					140,000 Lumen Sodium FL	2,634	\$	74.65	\$	196,628									
					Metal Halide Lamp Sizes														
					12,000 Lumen MetalH FL	441	\$	26.63	\$	11,744									
					20,500 Lumen MetalH FL	12	\$	35.27	\$	423									
					36,000 Lumen MetalH FL	1,222	\$	52.00	\$	63,544									
					110,000 Lumen MetalH FL	1,472	\$	75.99	\$	111,857									
					LED Lamps														
					4,000-5,000 LED														
					7,500-9,500 LED	34,098	\$	15.22	\$	518,972									
					13,000-16,000 LED	4,068	\$	22.14	\$	90,066									
					16,000-19,000 LED	2,852	\$	37.25	\$	106,237									
					28,000-32,000 LED	3,437	\$	51.09	\$	175,596									
					<u>Additional Charges</u>														
					Additional Charges	44,940	\$	2.03	\$	91,228									
					Regular Wood Pole	10,048	\$	2.03	\$	20,397									
					Transformer	1,082	\$	2.03	\$	2,196									
					Guy and Anchor	3,894,398	\$	0.02	\$	77,888									
					Conductor	0			\$	-									
					Equipment Recovery				\$	36,583									
16	LS-Special Lighting	1,458			Minimum Adjustment			\$	16,469	\$	124,241	\$	124,241	\$	1,093	\$	(331)	\$	125,003
					First 1,000 kWh	388,481	\$	0.18113	\$	70,366									
					All Additional	266,311	\$	0.14046	\$	37,406									
17	Total								\$	512,855,324	\$	512,855,324	\$	4,513,275	\$	1,589,171	\$	518,957,769	