



The Empire District Electric Company d/b/a Liberty

Case No. ER-2024-0261

Office Public Counsel Data Request - 8019

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Data Request Received: 2025-06-05

Response Date: 2025-06-25

Request No. 8019

Witness/Respondent: Charlotte Emery

Submitted by: Lena Mantle, [lena.mantle@opc.mo.gov](mailto:lena.mantle@opc.mo.gov)

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**REQUEST:**

Regarding the attached Joplin Globe article “Public hearing set for July in Liberty rate case” published on June 5, 2025:

Please provide the workpapers, with formulas intact, that show how the increase range of \$33 to \$39 a month average increase for the average Liberty customer was calculated.

**RESPONSE:**

See attachment labeled: “OPC 8019 Press Release Rate Impact Support.xlsx”.

Annualized Base Rate Impact Analysis

Customer Class	Current Rate Structure			Rate		Current Revenue			Monthly Average	Monthly
	Summer	Winter	Total	Summer	Winter	Summer	Winter	Total		Percentage
Residential - TC-RG										
Customer Charge	4	8	12	13.00	13.00	52.00	104.00	\$ 156.00	\$ 13.00	9.2%
KWH Blocking										
First 600 kWh	2,400	4,800	7,200	0.14031	0.14031	336.74	673.49	\$ 1,010.23	\$ 84.19	59.5%
Over 600 kWh	1,600	3,200	4,800	0.14031	0.11651	224.50	372.83	\$ 597.33	\$ 49.78	35.2%
Off Peak kWh Credit	1,108	2,216	3,323	(0.02000)	(0.02000)	(22.16)	(44.31)	\$ (66.47)	\$ (5.54)	-3.9%
TOTAL kWh	4,000	8,000	12,000			591.08	1,106.01	\$ 1,697.09	\$ 141.42	100.0%

Customer Class	Proposed Rate Structure			Rate		Proposed Revenue			Monthly Average	Monthly
	Summer	Winter	Total	Summer	Winter	Summer	Winter	Total		Percentage
Residential - TC-RG										
Customer Charge	4	8	12	16.00	16.00	64.00	128.00	\$ 192.00	\$ 16.00	8.5%
KWH Blocking										
First 600 kWh	2,400	4,800	7,200	0.19774	0.19774	474.58	949.15	\$ 1,423.73	\$ 118.64	62.8%
Over 600 kWh	1,600	3,200	4,800	0.16837	0.13981	269.39	447.39	\$ 716.78	\$ 59.73	31.6%
Off Peak kWh Credit	1,108	2,216	3,323	-0.02000	-0.02000	(22.16)	(44.31)	\$ (66.47)	\$ (5.54)	\$ (0.03)
TOTAL kWh						785.81	1,480.23	\$ 2,266.05	\$ 188.84	100.0%

\$ 47.41 33.53%

Total Bill Impact Analysis

	Energy	Fuel(1)	EECR	Customer Charge	DSIM MEEIA	Securtization	Total
Current	\$ 128.42	\$ 12.12	\$ 0.28	\$ 13.00	\$ 0.80	\$ 10.47	\$ 165.10
Proposed	\$ 172.84	\$ -		\$ 16.00	\$ 0.80	\$ 10.47	\$ 200.11
Change	\$ 44.41	\$ (12.12)	\$ (0.28)	\$ 3.00	\$ -	\$ -	\$ 35.01
					0.00%		21.21%

Footnotes

	FAC	EE	DSIM MEEIA	Securitization
Current (1)	\$ 0.012120	\$ 0.00028	\$ 0.00080	\$ 0.01047
Proposed (2)		\$ -	\$ 0.00080	\$ 0.01047

Off Peak: (based on Load Research Data) 27.69%

(1) FAC Base of \$0.00870, plus December 1, 2024 FAC Rate of \$0.00342

**Annualized Base Rate Impact Analysis**

Customer Class	Current Rate Structure			Rate		Current Revenue			Monthly Average	Monthly Percentage
	Summer	Winter	Total	Summer	Winter	Summer	Winter	Total		
Residential - TC-RG										
Customer Charge	4	8	12	13.00	13.00	52.00	104.00	\$ 156.00	\$ 13.00	9.2%
KWH Blocking										
First 600 kWh	2,400	4,800	7,200	0.14031	0.14031	336.74	673.49	\$ 1,010.23	\$ 84.19	59.5%
Over 600 kWh	1,600	3,200	4,800	0.14031	0.11651	224.50	372.83	\$ 597.33	\$ 49.78	35.2%
Off Peak kWh Credit	1,108	2,216	3,323	(0.02000)	(0.02000)	(22.16)	(44.31)	\$ (66.47)	\$ (5.54)	-3.9%
TOTAL kWh	4,000	8,000	12,000			591.08	1,106.01	\$ 1,697.09	\$ 141.42	100.0%

Customer Class	Proposed Rate Structure			Rate		Proposed Revenue			Monthly Average	Monthly
	Summer	Winter	Total	Summer	Winter	Summer	Winter	Total		Percentage
Residential - TC-RG										
Customer Charge	4	8	12	16.00	16.00	64.00	128.00	\$ 192.00	\$ 16.00	8.5%
KWH Blocking										
First 600 kWh	2,400	4,800	7,200	0.19774	0.19774	474.58	949.15	\$ 1,423.73	\$ 118.64	62.8%
Over 600 kWh	1,600	3,200	4,800	0.16837	0.13981	269.39	447.39	\$ 716.78	\$ 59.73	31.6%
Off Peak kWh Credit	1,108	2,216	3,323	-0.02000	-0.02000	(22.16)	(44.31)	\$ (66.47)	\$ (5.54)	\$ (0.03)
TOTAL kWh						785.81	1,480.23	\$ 2,266.05	\$ 188.84	100.0%

\$ 47.41 33.53%

**Total Bill Impact Analysis**

	Energy	Fuel(1)	EECR	Customer Charge	DSIM MEEIA	Securtization	Total
Current	\$ 128.42	\$ 8.60	\$ -	\$ 13.00	\$ 0.80	\$ 10.47	\$ 161.30
Proposed	\$ 172.84	\$ -		\$ 16.00	\$ 0.80	\$ 10.47	\$ 200.11
Change	\$ 44.41	\$ (8.60)	\$ -	\$ 3.00	\$ -	\$ -	\$ 38.81
					0.00%		24.06%

**Footnotes**

	FAC	EE	DSIM MEEIA	Securitization
Current (1)	\$ 0.008599		\$ 0.00080	\$ 0.01047
Proposed	\$ -	\$ -	\$ 0.00080	\$ 0.01047

Off Peak: (based on Load Research Data) 27.69%

(1) Increase in Fuel Cost base of \$36.3M/normalized test year KWH