

BEFORE THE CORPORATION COMMISSION OF THE STATE OF OKLAHOMA

IN THE MATTER OF THE APPLICATION OF)
OKLAHOMA GAS AND ELECTRIC COMPANY)
FOR AN ORDER OF THE COMMISSION)
AUTHORIZING APPLICANT TO MODIFY ITS) CASE NO. PUD 2023-000087
RATES, CHARGES, AND TARIFFS FOR RETAIL)
ELECTRIC SERVICE IN OKLAHOMA)

Direct Exhibits

of

Gwin Cash

On behalf of

Oklahoma Gas and Electric Company

January 4, 2024

(Exhibits to the Direct Testimony of Gwin Cash filed on December 29, 2023)

Direct Exhibit GC 1-1

OKLAHOMA GAS AND ELECTRIC COMPANY
COST OF SERVICE UNIT COST CALCULATION
RESIDENTIAL STANDARD S/L-5

TEST YEAR ENDING September 30, 2023
CAUSE NO. PUD 202300087

Unit Cost Components			
Total Customer Component	\$ 184,323,971	PD (Excess Component)	\$ 137,900,753
Total Energy Component	\$ 26,067,701	PD (Avg Component)	\$ 96,850,995
Total Demand Component	\$ 497,376,965	Trans Demand	\$ 71,101,364
Total of All Components	\$ 707,768,637	Dist Demand	\$ 191,523,854
Muni/LIAP Adjustment + Reconciliation	\$ (13,644,262)	Total Demand Component	\$ 497,376,965
POR tie	\$ 721,412,899		

Customer Charge	Annual Billing Units	Miscellaneous Revenue	Customer Component	Rev Req Less Miscellaneous	Calculated New Price
LIAP Credits	7,432,824	\$ -	\$ 184,323,971	\$ 184,323,971	\$ 24.80
			\$ (6,178,738)		\$ (13.00)

25.63

	Energy	PD (Excess Component)	PD (Avg Component)	Transmission Demand	Distribution Demand	Energy and Demand Total Revenue Req From Unit Cost	Calculated New Price	
Energy Charge							Energy Charge	
Summer							Summer	
First 1,400 kWh	3,040,531,323	\$ 10,392,944	\$	38,613,567	\$ 31,446,391	\$ 84,706,307	\$ 165,159,208	\$ 0.0543
Over 1,400 kWh	751,550,631	\$ 2,568,901	\$ 137,900,753	\$ 9,544,401			\$ 150,014,055	\$ 0.1996
Winter							Winter	
First 600 kWh	2,110,456,011	\$ 7,213,822	\$	26,801,972	\$ 21,827,180	\$ 58,795,295	\$ 114,638,268	\$ 0.0543
Over 600 kWh	1,723,757,842	\$ 5,892,035	\$	21,891,055	\$ 17,827,793	\$ 48,022,252	\$ 93,633,135	\$ 0.0543
Total kWh	7,626,295,806						\$ -	
Demand							Demand	
Max kW	60,294,747	\$ -	\$ -				\$ -	\$ -
		\$ 26,067,701	\$ 137,900,753	\$ 96,850,995	\$ 71,101,364	\$ 191,523,854	\$ 523,444,666	

Direct Exhibit GC 1-2

OKLAHOMA GAS AND ELECTRIC COMPANY
COST OF SERVICE UNIT COST CALCULATION
RESIDENTIAL TOU S/L-5

TEST YEAR ENDING September 30, 2023
CAUSE NO. PUD 202300087

Unit Cost Components					
Total Customer Component	\$	4,992,315	PD (Excess Component)	\$	2,784,995
Total Energy Component	\$	710,667	PD (Avg Component)	\$	2,640,223
Total Demand Component	\$	12,232,069	Trans Demand	\$	1,786,766
Total of All Components	\$	17,935,051	Dist Demand	\$	5,020,084
Muni/LIAP Adjustment + Reconciliation	\$	(161,565)	Total Demand Component	\$	12,232,069
POR tie	\$	18,096,616			

Customer Charge	Annual Billing Units	Miscellaneous Revenue	Customer Component	Rev Req Less Miscellaneous	Calculated New Price
Customer Charge	189,312	\$ -	\$ 4,992,315	\$ 4,992,315	\$ 26.37
Senior Citizen Discount			\$ (123,774)		\$ (17.00)

27.02

	Energy	PD (Excess Component)	PD (Avg Component)	Transmission Demand	Distribution Demand	Energy and Demand Total Revenue Req From Unit Cost	Calculated New Price
Energy Charge							
Summer							
On Peak	11,615,775	\$ 48,543	\$ 2,784,995	\$ 180,342		\$ 3,013,880	Energy Charge Summer On Peak \$ 0.2595
Off Peak	70,755,134	\$ 295,688		\$ 1,098,519	\$ 797,923	\$ 2,241,839	Off Peak \$ 0.0627
Winter							
First 1000 kWh	46,479,769	\$ 194,240	\$ 721,628	\$ 524,164	\$ 1,472,687	\$ 2,912,719	First 1000 kWh \$ 0.0627
Over 1000 kWh	41,204,994	\$ 172,197	\$ 639,734	\$ 464,679	\$ 1,305,558	\$ 2,582,168	Over 1000 kWh \$ 0.0627
Total kWh	170,055,671					\$ -	
Demand							
Max kW	1,705,746	\$ -	\$ -			\$ -	Demand 0 \$ -
		\$ 710,667	\$ 2,784,995	\$ 2,640,223	\$ 1,786,766	\$ 5,020,084	\$ 12,942,736

Direct Exhibit GC 1-3

**OKLAHOMA GAS AND ELECTRIC COMPANY
COST OF SERVICE UNIT COST CALCULATION
RESIDENTIAL VPP S/L-5**

**TEST YEAR ENDING September 30, 2023
CAUSE NO. PUD 202300087**

Unit Cost Components				
Total Customer Component	\$	20,617,022	PD (Excess Component)	\$ 12,973,181
Total Energy Component	\$	3,273,912	PD (Avg Component)	\$ 12,165,556
Total Demand Component	\$	57,949,347	Trans Demand	\$ 8,209,548
Total of All Components	\$	81,840,281	Dist Demand	\$ 24,601,062
Muni/LIAP Adjustment + Reconciliation	\$	(944,682)	Total Demand Component	\$ 57,949,347
POR tie	\$	82,784,962		

Customer Charge	Annual Billing Units	Miscellaneous Revenue	Customer Component	Rev Req Less Miscellaneous	Calculated New Price
Senior Citizen Discount	819,648	\$ -	\$ 20,617,022	\$ 20,617,022	\$ 25.15
			\$ (816,940)		\$ (17.00)

26.15

	Energy	PD (Excess Component)	PD (Avg Component)	Transmission Demand	Distribution Demand	Energy and Demand Total Revenue Req From Unit Cost	Calculated New Price	
Energy Charge								
Summer							Energy Charge Summer	
On Peak	75,015,736	\$ 255,157	\$ 12,973,181	\$ 948,140	\$ 639,823	\$ 1,917,319	\$ 16,733,620	On Peak \$ 0.2231
Off Peak	415,807,477	\$ 1,414,319	\$	\$ 5,255,480	\$ 3,546,497	\$ 10,627,577	\$ 20,843,873	Off Peak \$ 0.0501
Winter								Winter
First 1000 kWh	247,998,003	\$ 843,535	\$	\$ 3,134,500	\$ 2,115,220	\$ 6,338,553	\$ 12,431,808	First 1000 kWh \$ 0.0501
Over 1000 kWh	223,703,497	\$ 760,901	\$	\$ 2,827,436	\$ 1,908,008	\$ 5,717,613	\$ 11,213,957	Over 1000 kWh \$ 0.0501
Total kWh	962,524,714						\$ -	
Demand								Demand
Max kW	7,068,803	\$ -	\$ -				\$ -	0 \$ -
		\$ 3,273,912	\$ 12,973,181	\$ 12,165,556	\$ 8,209,548	\$ 24,601,062	\$ 61,223,259	

*Data obtained 12/21/2023

Utility Type	Class	Rank	Customer Charge
IOU			
Oklahoma Gas and Electric (Current)	Residential Standard	4 \$	13.00
Oklahoma Gas and Electric (Proposed)	Residential Standard	11 \$	21.00
Public Service Company of Oklahoma	Residential Standard	10 \$	20.00
Empire District Electric	Residential	5 \$	14.11
	Residential Total Electric	5 \$	14.11
Regulated Cooperative			
Arkansas Valley Electric Cooperative	Farm and Home - Single Phase Service	17 \$	28.50
	Farm and Home - Three Phase Service	29 \$	43.50
Canadian Valley Electric Cooperative	Residential Standard - Single Phase Service	18 \$	30.00
	Residential Standard - Three Phase Service	24 \$	35.00
Northeast Oklahoma Electric Cooperative	Residential	12 \$	23.00
Rich Mountain Electric Cooperative, Inc	Residential Standard - Single Phase Service	9 \$	19.85
	Residential Standard - Three Phase Service	19 \$	30.55
Southwest Arkansas Electric Cooperative	Residential Standard - Single Phase Service	2 \$	10.46
Un-Regulated Cooperative			
Alfalfa Electric Cooperative	Residential	15 \$	25.00
Central Rural Electric Cooperative	Residential	16 \$	28.00
Choctaw Electric Cooperative	Residential	8 \$	19.25
Cimarron Electric Cooperative	Farm and Residential	13 \$	24.00
	Residential All Electric	13 \$	24.00
CK Energy	Domestic	23 \$	33.50
	Domestic Genset	26 \$	40.00
	Domestic Low Usage	6 \$	15.00
Cotton Electric Cooperative	General Service (applies to Farm and Home) Single Phase	18 \$	30.00
	General Service (applies to Farm and Home) Three Phase	24 \$	35.00
	HD General Service (applies to Farm and Home) Single Phase	15 \$	25.00
	HD General Service (applies to Farm and Home) Three Phase	18 \$	30.00
East Central Electric Cooperative	Farm and Residential	15 \$	25.00
Harmon Electric Association	Residential and Farm	27 \$	40.50
Indian Electric Cooperative	Residential	18 \$	30.00
Kay Electric Cooperative, Inc.	Farm and Residential	10 \$	20.00
Kiamichi Electric Cooperative	Residential	22 \$	33.00
Lake Region Electric Cooperative	General Service (applies for all uses under 50 kVA Transformer Capacity)		
	200 Amp or less service	28 \$	42.50
	Over 200 Amp service	31 \$	52.50
	Three Phase Service	32 \$	72.50
Northfork Electric Cooperative	Residential, Schools, and Churches	26 \$	40.00
People's Electric Cooperative	Residential Single Phase	1 \$	8.00
	Residential Three Phase	3 \$	12.95
Red River Valley Electric Cooperative	Year-round Occupancy up to 50 kVA	16 \$	28.00
	Seasonal Occupancy up to 50 kVA	20 \$	31.00
Rural Electric Cooperative, Inc.	Farm and Residential	7 \$	17.00
Southeastern Electric Cooperative, Inc.	Residential	14 \$	24.50
Southwest Rural Electric Association, Inc.	Single Phase Service	25 \$	36.00
	Residential All Electric Service	25 \$	36.00
	Residential Three Phase Service	30 \$	46.00
Tri-County Electric Cooperative, Inc.	Residential Single Phase Service	14 \$	24.50
	Residential Three Phase Service	21 \$	32.00
Verdigris Valley Electric Cooperative, Inc.	Residential	26 \$	40.00