

RESOLUTION NO. _____

**A RESOLUTION SETTING THE ELECTRIC COST ADJUSTMENT
EFFECTIVE AUGUST 1, 2019**

WHEREAS, the Colorado Springs Utilities' Electric Rate Schedules allow Electric Cost Adjustment rates to be changed as often as monthly; and

WHEREAS, Colorado Springs Utilities has prepared projections of costs and revenues in conformance with the language in the rate schedules; and

WHEREAS, Colorado Springs Utilities has shown that an Electric Cost Adjustment rate of \$0.0209 per kWh should be adjusted to \$0.0193 per kWh in order to represent the current state of electric system revenue needs and that the Electric Cost Adjustment shall be revised accordingly; and

WHEREAS, the current Industrial Service – Large Power and Light (ELG) Supply Credit is calculated to be 15.5% of the proposed standard Electric Cost Adjustment rate; and

WHEREAS, Utilities has proposed, and the City Council finds it prudent, to approve changes to the Electric Capacity Charge rates; and

WHEREAS, the proposed Electric Cost Adjustment, ELG Supply Credit and Electric Capacity Charge rates shall be effective August 1, 2019.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF COLORADO SPRINGS:

Section 1. That Colorado Springs Utilities Tariff, City Council Volume No. 6, Electric Rate Schedules shall be revised as follows:

Effective August 1, 2019

City Council Vol. No. 6 Sheet No.	Title	Cancels Sheet No.
Fifth Revised Sheet No. 2.9	Rate Table	Fourth Revised Sheet No. 2.9

Section 2. The Electric Cost Adjustment, ELG Supply Credit and Electric Capacity Charge rates with the effective dates shall be posted on Colorado Springs Utilities' CSU.org website and published in the legal section of a newspaper of general circulation in Colorado Springs Utilities' service area within ten (10) days following the date of the passage of this Resolution.

Section 3. The attached tariff sheets are hereby approved and adopted effective August 1, 2019 and shall remain in effect unless changed by subsequent Resolution of the City Council.

Dated at Colorado Springs, Colorado this 23rd day of July, 2019.

Council President

ATTEST:

Sarah Johnson, City Clerk



ELECTRIC RATE SCHEDULES

RATE TABLE

Description	Rates	Reference
Electric Cost Adjustment (ECA)		Sheet No. 16
Standard ECA, per kWh (E1R), (E1C), (E2C), (ETLO), (ETLW), (ELG), (E2T), (E7SL)	\$0.0209 \$0.0193	
Time-of-Day ECA (ETR)		
On-Peak, per kWh	\$0.0618 \$0.0602	
Off-Peak, per kWh	\$0.0148 \$0.0132	
Time-of-Day ECA (ETC), (ETX), (ETL), (EST), (ESS), (ECD)		
On-Peak, per kWh	\$0.0406 \$0.0390	
Off-Peak, per kWh	\$0.0154 \$0.0138	
Industrial Service – Large Power and Light (ELG) Supply Credit		
Supply Credit – Primary and Secondary Service, +6.3% <u>15.5%</u> of Standard ECA, per kWh	\$(0.0034) \$(0.0030)	
Electric Capacity Charge (ECC)		Sheet No. 17
Residential Service (E1R), <u>per kWh</u>	\$0.0047 \$0.0046	
Residential Time-of-Day Option (ETR), <u>per kWh</u>	\$0.0059 \$0.0070	
Commercial Service – Small (E1C), <u>per kWh</u>	\$0.0047 \$0.0046	
Commercial Service – General (E2C), <u>per kWh</u>	\$0.0044 \$0.0042	
Commercial Service – General Time-of-Day Option (ETC), <u>per kWh</u>	\$0.0028 \$0.0024	
Industrial Service – Time-of-Day 1,000 kWh/Day Min (ETL), <u>per kWh</u>	\$0.0041 \$0.0036	

Approval Date: ~~April 23, 2019~~July 23, 2019
 Effective Date: ~~May 1, 2019~~August 1, 2019
 Resolution No. ~~45-19~~



ELECTRIC RATE SCHEDULES
RATE TABLE

Industrial Service – Time-of-Day 500 KW Minimum (E8T), <u>per kWh</u>	\$0.0034	
	<u>\$0.0037</u>	
Industrial Service – Time-of-Day 4,000 KW Minimum (E8S), <u>per kWh</u>	\$0.0029	
	<u>\$0.0039</u>	
Industrial Service – Large Power and Light (ELG), <u>per kWh</u>	\$0.0027	
	<u>\$0.0024</u>	
Industrial Service – Time-of-Day Transmission Voltage (ETX), <u>per kWh</u>	\$0.0039	
	<u>\$0.0029</u>	
Contract Service – Military (ECD), <u>per kWh</u>	\$0.0035	
	<u>\$0.0034</u>	
Contract Service – Traffic Signals (E2T), <u>per kWh</u>	\$0.0024	
Contract Service – Street Lighting (E7SL), <u>per kWh</u>	\$0.0024	

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ELECTRIC RATE SCHEDULES
RATE TABLE

Description	Rates	Reference
Electric Cost Adjustment (ECA)		Sheet No. 16
Standard ECA, per kWh (E1R), (E1C), (E2C), (ETLO), (ETLW), (ELG), (E2T), (E7SL)	\$0.0193	
Time-of-Day ECA (ETR)		
On-Peak, per kWh	\$0.0602	
Off-Peak, per kWh	\$0.0132	
Time-of-Day ECA (ETC), (ETX), (ETL), (E8T), (E8S), (ECD)		
On-Peak, per kWh	\$0.0390	
Off-Peak, per kWh	\$0.0138	
Industrial Service – Large Power and Light (ELG) Supply Credit		
Supply Credit – Primary and Secondary Service, 15.5% of Standard ECA, per kWh	\$(0.0030)	
Electric Capacity Charge (ECC)		Sheet No. 17
Residential Service (E1R), per kWh	\$0.0046	
Residential Time-of-Day Option (ETR), per kWh	\$0.0070	
Commercial Service – Small (E1C), per kWh	\$0.0046	
Commercial Service – General (E2C), per kWh	\$0.0042	
Commercial Service – General Time-of-Day Option (ETC), per kWh	\$0.0024	
Industrial Service – Time-of-Day 1,000 kWh/Day Min (ETL), per kWh	\$0.0036	
Industrial Service – Time-of-Day 500 KW Minimum (E8T), per kWh	\$0.0037	
Industrial Service – Time-of-Day 4,000 KW Minimum (E8S), per kWh	\$0.0039	
Industrial Service – Large Power and Light (ELG), per kWh	\$0.0024	
Industrial Service – Time-of-Day Transmission Voltage (ETX), per kWh	\$0.0029	
Contract Service – Military (ECD), per kWh	\$0.0034	
Contract Service – Traffic Signals (E2T), per kWh	\$0.0024	
Contract Service – Street Lighting (E7SL), per kWh	\$0.0024	

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**Colorado Springs Utilities
Electric Cost Adjustment (ECA)**

**SCHEDULE 1
ECA EFFECTIVE 08/01/2019**

Line No.	Description	Forecast Calculation Period Aug 19 - Oct 19
<u>(a)</u>	<u>(b)</u>	<u>(c)</u>
1	Forecasted Generation Fuel and Purchased Power Cost	\$ 23,023,758 ^{(1)(2a)}
2	<u>Plus:</u>	
3	Forecasted Over/(Under) Recovery as of 10/31/19	\$ 2,917,130
4	Less Forecasted Over/(Under) Recovery as of 07/31/19	<u>2,907,471</u>
5	Cumulative Over/(Under) Recovery (Line 3 - Line 4)	<u>\$ 9,659</u> ^(2b)
6	Total Cost (Line 1+Line 5)	<u>\$ 23,033,416</u>
7	<u>Divided by:</u>	
8	Forecasted Sales Subject to the ECA (kWh)	<u>1,193,441,262</u> ^(2c)
9	<u>Equals:</u>	
10	ECA Rate per kWh (Line 6 / Line 8)	<u>\$ 0.0193</u> ⁽³⁾

Notes :

⁽¹⁾ Includes credits for forecasted Off-System Sales and Industrial Service - Large Power and Light Supply Credits

⁽²⁾ Tariff reference (Electric Rate Schedules, City Council Volume No. 6, Fifth Revised Sheet No. 2.9)

^{a)} Forecasted cost of generation fuel, purchased power, and related costs

^{b)} Forecasted collected balance at the end of recovery period less collected balance at beginning of recovery period

^{c)} Forecasted sales subject to the ECA

⁽³⁾ Time-of-day (TOD) ECA rates established in conformance with TOD objectives and rate design guidelines

Colorado Springs Utilities
Electric Capacity Charge (ECC)

SCHEDULE 2
ELECTRIC CAPACITY CHARGE RATES EFFECTIVE 08/01/2019

Line No.	Rate Class	AF01 % Sales	Commodity Related Expense	AF02 % Excess Demand	Demand Related Expense	Total Forecast Capacity Expense 08/19 - 7/20	Forecasted Sales 08/19 - 7/20	ECC Rate Per kWh
(a)	(b)	(c)	(d)	(e)	(f)	(g) [(d) + (f)]	(h)	(i) [(g) / (h)]
1	Residential Service (E1R)/ Commercial Service – Small (E1C)	33.03%	\$ 3,737,367	48.78%	\$ 3,489,261	\$ 7,226,628	1,579,552,562	\$0.0046
2	Residential Time-of-Day Option (ETR),	0.01%	643	0.02%	1,248	1,892	271,913	\$0.0070
3	Commercial Service – General (E2C)	14.21%	1,608,010	17.01%	1,216,727	2,824,738	679,605,921	\$0.0042
4	Commercial Service – General Time-of-Day Option (ETC)	0.97%	\$ 109,653	0.00%	\$ -	\$ 109,653	46,343,548	\$0.0024
5	Industrial Service – Time-of-Day 1,000 kWh/Day Min (ETL)	19.38%	\$ 2,192,966	16.14%	\$ 1,154,590	\$ 3,347,556	926,830,164	\$0.0036
6	Industrial Service – Time-of-Day 500 KW Minimum (E8T)	12.65%	\$ 1,430,956	11.34%	\$ 811,244	\$ 2,242,199	604,775,807	\$0.0037
7	Industrial Service – Time-of-Day 4,000 KW Minimum (E8S)	1.23%	\$ 138,773	1.26%	\$ 90,021	\$ 228,794	58,650,883	\$0.0039
8	Industrial Service – Large Power and Light (ELG)	10.01%	1,132,995	0.00%	-	1,132,995	478,846,639	\$0.0024
9	Industrial Service – Time-of-Day Transmission Voltage (ETX)	1.33%	\$ 150,572	0.45%	\$ 32,101	\$ 182,674	63,637,467	\$0.0029
10	Contract Service – Military (ECD)	7.09%	802,148	5.00%	357,598	1,159,746	339,018,201	\$0.0034
11	Contract Service – Traffic Signals (E2T)	0.04%	4,291	0.00%	-	4,291	1,813,476	\$0.0024
12	Contract Service – Street Lighting (E7SL)	0.06%	7,179	0.00%	-	7,179	3,034,065	\$0.0024
13	Total	100.0%	\$ 11,315,555	100.0%	\$ 7,152,790	\$ 18,468,345	4,782,380,646	

Note: Immaterial differences may occur due to rounding on all ECC schedules.

**Colorado Springs Utilities
Electric Capacity Charge (ECC)**

**SCHEDULE 2.1
ELECTRIC CAPACITY CHARGE ALLOCATION FACTORS (AF)**

Line No.	Rate Class	Forecasted Sales 08/19 - 7/20 ⁽¹⁾	AF01			AF02	
			Average Demand kW <u>(d)</u> [(c) / (365*24)]	% Sales <u>(e)</u>	3CP ⁽²⁾ <u>(f)</u>	Excess Demand 3CP (kW) <u>(g)</u> [(f) - (d)]	% Excess Day <u>(h)</u>
<u>(a)</u>	<u>(b)</u>	<u>(c)</u>	<u>(d)</u>	<u>(e)</u>	<u>(f)</u>	<u>(g)</u>	<u>(h)</u>
1	Residential Service (E1R)/ Commercial Service – Small (E1C)	1,579,552,562	180,314	33.03%	333,949	153,635	48.78%
2	Residential Time-of-Day Option (ETR),	271,913	31	0.01%	86	55	0.02%
3	Commercial Service – General (E2C)	679,605,921	77,581	14.21%	131,154	53,573	17.01%
4	Commercial Service – General Time-of-Day Option (ETC)	46,343,548	5,290	0.97%	4,621	-	0.00%
5	Industrial Service – Time-of-Day 1,000 kWh/Day Min (ETL)	926,830,164	105,803	19.38%	156,640	50,837	16.14%
6	Industrial Service – Time-of-Day 500 KW Minimum (E8T)	604,775,807	69,038	12.65%	104,758	35,720	11.34%
7	Industrial Service – Time-of-Day 4,000 KW Minimum (E8S)	58,650,883	6,695	1.23%	10,659	3,964	1.26%
8	Industrial Service – Large Power and Light (ELG)	478,846,639	54,663	10.01%	37,323	-	0.00%
9	Industrial Service – Time-of-Day Transmission Voltage (ETX)	63,637,467	7,265	1.33%	8,678	1,413	0.45%
10	Contract Service – Military (ECD)	339,018,201	38,701	7.09%	54,446	15,745	5.00%
11	Contract Service – Traffic Signals (E2T)	1,813,476	207	0.04%	205	-	0.00%
12	Contract Service – Street Lighting (E7SL)	3,034,065	346	0.06%	-	-	0.00%
13	Total	4,782,380,646	545,934	100.00%	842,519	314,943	100.00%

Notes :

⁽¹⁾ Forecasted sales based on 2019 long term forecast.

⁽²⁾ ³ Coincident peak demand based on 2016 and 2017 Actuals for 2018 Load Study

**Colorado Springs Utilities
Electric Capacity Charge (ECC)**

**SCHEDULE 2.2
FORECASTED ELECTRIC CAPACITY EXPENSE ⁽¹⁾**

Line No.	Description	Account	Total Forecast Capacity Expense 08/19 - 7/20	Commodity Related Expense	Demand Related Expense
(a)	(b)	(c)	(d)	(e)	(f)
1	Fuel, Transport/Storage	547080	\$ 228,000	\$ 139,696	\$ 88,304
2	Fuel, Transport/Storage	547090	12,179,021	7,462,086	4,716,935
3	Purchased Power Capacity	555070	5,257,939	3,221,539	2,036,400
4	Total Forecasted Capacity Expense		<u>\$ 17,436,960</u>	<u>\$ 10,683,625</u>	<u>\$ 6,753,335</u>
5	Plus: Cumulative Over/(Under) Recovery ⁽²⁾		<u>1,031,385</u>	<u>631,930</u>	<u>399,455</u>
6	Total (Line 3 + Line 4)		<u>\$ 18,468,345</u>	<u>\$ 11,315,555</u>	<u>\$ 7,152,790</u>

Notes:

⁽¹⁾ Capacity expense classified as commodity and demand related expense based on system load factor from 2018 Electric rate filing: 61.27%.

⁽²⁾ Forecasted Over/(Under) recovery from S2.3 Line 3.

Colorado Springs Utilities
Electric Capacity Charge (ECC)

SCHEDULE 2.3
FORECASTED ELECTRIC CAPACITY COLLECTION BALANCE

Line No.	Description	Collection Balance
(a)	(b)	(c)
1	Forecasted Over/(Under) Recovery as of 07/31/2019	\$ (1,031,385)
2	Less: Forecasted Over/(Under) Recovery as of 7/31/2020	-
3	Cumulative Over/(Under) Recovery (Line 1 - Line 2)	<u>\$ 1,031,385</u>

Note: Forecasted balances based on forecasted August 2019 to July 2020 expense as of June 2019 and ECC rates proposed effective August 2019.