RESOLUTION NO.

A RESOLUTION SETTING THE ELECTRIC RATES WITHIN THE ELECTRIC SERVICE AREA OF COLORADO SPRINGS UTILITIES

WHEREAS, Colorado Springs Utilities (Utilities) has analyzed the cost of providing electric utility service to its Customers and has analyzed its current and expected revenue needs; and

WHEREAS, Utilities has prepared a Cost-of-Service Study that shows that electric service is currently in an unacceptable net income situation on a *pro forma* basis; and

WHEREAS, to rectify the unacceptable cash net income position, electric service non-fuel revenues will need to increase by approximately \$7.8 million; and

WHEREAS, Utilities has proposed, and the City Council finds it prudent, to modify the Residential, Commercial, Industrial, and Contract Service non-fuel rates to reflect the appropriate cost for the service; and

WHEREAS, the details of the changes for each rate class, including the pricing changes noted above and all changes noted in the following clauses, are reflected in the tariff sheets attached to this resolution, are provided in red-line format within Utilities' 2018 Rate Case Filing, and are discussed further in the City Council Decision and Order for this case; and

WHEREAS, Utilities has proposed, and the City Council finds it prudent, to modify the Residential Time-of-Day tariff; and

WHEREAS, Utilities has proposed, and the City Council finds it prudent, to modify the Commercial Time-of-Day General tariff; and

WHEREAS, Utilities has proposed, and the City Council finds it prudent, to make changes to the Contract Service – Wheeling (ECW) tariff; and

WHEREAS, Utilities has proposed, and the City Council finds it prudent, to approve changes to the Reserved Capacity Charge incurred by Enhanced Power Customers; and

WHEREAS, Utilities has proposed, and the City Council finds it prudent, to approve changes to the Customer Bill Credit for the Community Solar Garden Bill Credit Program (Pilot Program); and

WHEREAS, Utilities has proposed, and the City Council finds it prudent, to approve changes to the Customer Bill Credit for the Community Solar Garden Program; and

WHEREAS, Utilities has provided public notice of the proposed changes and has complied with the requirements of the City Code for changing its electric rates, charges and regulations; and

WHEREAS, the City Council finds that the proposed modifications to the electric rate schedules and tariffs are just, reasonable, sufficient and not unduly discriminatory and allow Utilities to collect revenues that enable Utilities to continue to operate in the best interest of all of its Customers; and

WHEREAS, Utilities has proposed to make the electric rate schedule and tariff changes effective January 1, 2018; and

WHEREAS, specific rates, policy changes, and changes to any terms and conditions of service are set out in the attached tariffs for adoption with the final City Council Decision and Order in this case.

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. 5, Electric Rate Schedules shall be revised as follows:

City Council Vol. No. 5		
Sheet No.	Title	Cancels Sheet No.
Tenth Revised Sheet No. 2	Residential Service	Ninth Revised Sheet No. 2
Eighth Revised Sheet No. 4	Commercial Service - Small	Seventh Revised Sheet No. 4
Ninth Revised Sheet No. 5	Commercial Service – General	Eighth Revised Sheet No. 5
Ninth Revised Sheet No. 6	Commercial Service – General – Time-of-Day	Eighth Revised Sheet No. 6
Ninth Revised Sheet No. 7	Industrial Service – Time-of-Day Transmission Voltage	Eighth Revised Sheet No. 7
Ninth Revised Sheet No. 16	Industrial Service – Time-of-Day 4,000 KW/Day Minimum	Eighth Revised Sheet No. 16
Seventh Revised Sheet No. 19	Industrial Service – Large Power and Light	Sixth Revised Sheet No. 19
Seventh Revised Sheet No. 21	Contract Service – Street Lighting	Sixth Revised Sheet No. 21
Sixth Revised Sheet No. 21.1	Contract Service – Street Lighting	Fifth Revised Sheet No. 21.1
Tenth Revised Sheet No. 23	Contract Service - ECD	Ninth Revised Sheet No. 23
Second Revised Sheet No. 26	Contract Service – Wheeling	First Revised Sheet No. 26
Ninth Revised Sheet No. 37	Enhanced Power Service	Eighth Revised Sheet No. 37
Fifth Revised Sheet No. 40.5	Community Solar Garden Bill Credit (Pilot Program)	Fourth Revised Sheet No. 40.5
Fifth Revised Sheet No. 40.14	Community Solar Garden Program	Fourth Revised Sheet No. 40.14

Effective January 1, 2018

Section 2: The attached Tariff Sheets, Council Decision and Order, and other related matters are hereby approved and adopted.

Dated at Colorado Springs, Colorado, this 28th day of November, 2017.

City Council President

ATTEST:

Sarah B. Johnson, City Clerk



RESIDENTIAL SERVICE – E1R, ETR

AVAILABILITY

Available in Utilities' electric service territory for general residential purposes. Whether or not the end use of the electric service is residential in nature, this rate is not available for master metered or non-residential accounts.

RATE OPTIONS

Customers may choose between the Standard Option or Time-Of-Day Option. The Time-Of-Day Option will be for a minimum of twelve (12) consecutive billing periods.

Standard Option (E1R)

The billing statements are the sum of:

Access and Facilities Charges	
Per Day	\$0.5103
Per kWh	
Electric Cost Adjustment Charge (ECA)	
Per kWh	Sheet No. 31
Electric Capacity Charge	
Per kWh	Sheet No. 31.1
Time-Of-Day Option (ETR)	
The billing statements are the sum of:	
Access and Facilities Charges	
Per Day	\$0.5195
On-Peak, Per kWh	
Off-Peak, Per kWh	
Electric Cost Adjustment Charge (ECA)	
Per kWh	Sheet No. 31
Electric Capacity Charge	
Per kWh	Sheet No. 31.1

Approval Date:November 28, 2017Effective Date:January 1, 2018Resolution No.Image: State S



COMMERCIAL SERVICE – SMALL – E1C (EMC)

AVAILABILITY

Available in Utilities' electric service territory for any establishment engaged in the operation of a business or an institution, whether or not for profit, whose average daily usage (billing period kWh divided by the number of days in the billing period) does not exceed 33 kWh in any of the last twelve (12) billing periods.

<u>RATE</u>

The billing statements are the sum of:

Access and Facilities Charges Per Day Per kWh	
Electric Cost Adjustment Charge (ECA) Per kWh	Sheet No. 31
Electric Capacity Charge Per kWh	Sheet No. 31.1
Optional Service Charges Totalization Service Charge	Sheet No. 33

RULES AND REGULATIONS

Service under this rate schedule will be in accordance with the provisions of Utilities' Rules and Regulations and *Line Extension & Service Standards* for Electric.



COMMERCIAL SERVICE – GENERAL – E2C (EMC)

AVAILABILITY

Available in Utilities' electric service territory for any establishment engaged in the operation of a business or an institution, whether or not for profit, whose average daily usage (billing period kWh divided by the number of days in the billing period) is greater than 33 kWh in any of the last twelve (12) billing periods. This rate schedule is not available to Customers whose average daily usage equals or exceeds 1,000 kWh in any of the last twelve (12) billing periods.

RATE OPTIONS

Customers may choose between the Standard Option or the Time-Of-Day Option. The Time-Of-Day Option offering will initially be for a minimum of twelve (12) consecutive billing periods.

Standard Option (E2C)

The billing statements are the sum of:

Access and Facilities Charges Per Day	\$0.7943
Per kWh	
Electric Cost Adjustment Charge (ECA)	
Per kWh	Sheet No. 31
Electric Capacity Charge	
Per kWh	Sheet No. 31.1



COMMERCIAL SERVICE – GENERAL - ETC

RATE OPTIONS - cont'd

Time-Of-Day Option (ETC)

The billing statements are the sum of:

Access and Facilities Charges

Per Day	\$0.8453
On-Peak, Per kWh	
Off-Peak, Per kWh	
	¢0.0090

Electric Cost Adjustment Charge (ECA)

Per kWhSheet	No.	. 3	51
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Electric Capacity Charge

Per kWh	Sheet No. 31.1
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Optional Service Charges

Totalization Service Charge	33
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On-Peak Periods

Winter (October through March): 4:00 p.m. to 10:00 p.m. Summer (April through September): 11:00 a.m. to 6:00 p.m. On-Peak periods are Monday through Friday, excluding the holidays as defined below.

Off-Peak Periods

All other hours plus the following legally observed holidays (the 24-hour calendar day period): 1) New Year's Day, 2) Memorial Day, 3) Independence Day, 4) Labor Day, 5) Thanksgiving Day, and 6) Christmas Day.

RULES AND REGULATIONS

Service under these rate schedules will be in accordance with the provisions of Utilities' Rules and Regulations and *Line Extension & Service Standards* for Electric.

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INDUSTRIAL SERVICE – TIME-OF-DAY TRANSMISSION VOLTAGE - ETX

AVAILABILITY

Available in Utilities' electric service territory for any Customer who has provided, installed, and maintains transformer(s) to receive three-phase, 60-hertz, alternating current electrical service at a nominal potential of one-hundred and fifteen thousand (115,000) or two-hundred and thirty thousand (230,000) volts on the Customer's Premise. The Customer may be required to execute a contract with additional terms and conditions should service to the Customer under this rate schedule require any material change to Utilities' plant in service or operations.

RATE

The billing statements are the sum of:

Access and Facilities Charges	
Per Day\$4	12.7178
Demand Charges	
On-Peak Billing Demand, Per kW, Per Day	\$0.7874
Off-Peak Billing Demand, Per kW, Per Day	
Electric Cost Adjustment (ECA)	
Per kWhSheet	No. 31
Electric Capacity Charge	
Per kWhSheet N	Jo. 31.1
On-Peak Periods	
Winter (October through March): 4:00 p.m. to 10:00 p.m.	
Summer (April through September): 11:00 a.m. to 6:00 p.m.	
On-Peak periods are Monday through Friday, excluding the holidays as defined below.	
Off-Peak Periods	
All other hours plus the following legally observed holidays (the 24-hour calendar day period	1):
1) New Year's Day 2) Memorial Day 3) Independence Day 4) I abor Day 5) Thanksgiving	Dav

1) New Year's Day, 2) Memorial Day, 3) Independence Day, 4) Labor Day, 5) Thanksgiving Day, and 6) Christmas Day.



INDUSTRIAL SERVICE – TIME-OF-DAY 4,000 KW MINIMUM - E8S

AVAILABILITY

Available in Utilities' electric service territory for Customers whose Maximum Demand equals or exceeds 4,000 kW in any of the last twelve (12) billing periods.

<u>RATE OPTIONS</u> Standard Option (E8S)

The billing statements are the sum of:

Access and Facilities Charges	
Per Day	\$43.0064
Demand Charges - Primary	
On-Peak Billing Demand, Per kW, Per Day	\$0.7386
Off-Peak Billing Demand, Per kW, Per Day	\$0.4384
Demand Charges - Secondary	
On-Peak Billing Demand, Per kW, Per Day	\$0.7504
Off-Peak Billing Demand, Per kW, Per Day	
Electric Cost Adjustment Charge (ECA)	
Per kWh	Sheet No. 31
Electric Capacity Charge	
Per kWh	Sheet No. 31.1

Approval Date:November 28, 2017Effective Date:January 1, 2018Resolution No.



INDUSTRIAL SERVICE – LARGE POWER AND LIGHT - ELG

AVAILABILITY

Service under this rate schedule is available by contract in Utilities' electric service territory for the Customers whose aggregated Maximum Demand equals or exceeds 4,000 kW in any of the last twelve (12) billing periods. Demand aggregation may only be performed for contiguous service properties on a Customer campus setting. Customers must maintain an annual load factor of 75% or greater.

Service is offered for a 12-month contract period. As long as the customer continues to meet the eligibility requirements, service shall be automatically renewed. After the initial 12-month contract period, Customer may provide written notice thirty (30) days prior to the beginning of the month for which Customer elects not to renew. Customers will be evaluated periodically to insure they continue to meet eligibility requirements. In the event that a customer is no longer eligible, the contract for service shall not renew at the close of the contract anniversary date and Customer shall be required to move to the rate schedule to which they are eligible upon the end of the contract period.

In addition to the charges listed below, Customers who select this service will be required to provide a suitable location for the aggregation equipment. Totalization charges do not apply to this offering.

RATE

The billing statements are the sum of:

Access and Facilities Charge	¢c 2000
Per Day	\$6.3800
Demand Charge – Primary	
Billing Demand, Per kW, Per Day	\$0.6038
Demand Charge – Secondary	
Billing Demand, Per kW, Per Day	\$0.6156
Electric Cost Adjustment Charge (ECA)	
Per kWh	Sheet No. 31
Supply Credit – Primary and Secondary Service	
Per kWh	(\$0.0034)
Electric Capacity Charge	
Per kWh	Sheet No. 31.1



CONTRACT SERVICE – STREET LIGHTING - E7SL

AVAILABILITY

Available by contract in Utilities' electric service territory for street lighting purposes. Additional mercury vapor lamps will not be served under this rate schedule.

RATE OPTIONS

All Rates per Month, per Pole	SL-2
Mercury Vapor Lamps	
175 Watts	
Wood and Fiberglass	\$6.10
Ornamental	\$7.79
Wallpack	\$4.77
400 Watts	
Wood and Fiberglass	\$10.06
Ornamental	\$13.37
700 Watts	
Wood and Fiberglass	\$15.42
Ornamental	\$18.95
1000 Watts	
Wood and Fiberglass	\$20.78
Ornamental	\$24.53
High Pressure Sodium	
70 Watts	
Wood and Fiberglass	\$2.79
Wallpack	\$2.79
Decorative	\$6.70
100 Watts	
Wood and Fiberglass	\$4.59
Ornamental	\$6.61
Decorative	\$7.22
Decorative Double Fixture (2X Wattage)	\$11.18
150 Watts	
Wood and Fiberglass	\$5.74
Decorative	\$8.09
Decorative Double Fixture (2X Wattage)	\$12.91



CONTRACT SERVICE – STREET LIGHTING - E7SL

AVAILABILITY

Available by contract in Utilities' electric service territory for street lighting purposes. Additional mercury vapor lamps will not be served under this rate schedule.

RATE OPTIONS

250 Watts	
Wood and Fiberglass	\$7.89
Ornamental	\$9.12
Double Fixture (2X Wattage)	\$15.00
Wallpack	\$6.15
400 Watts	
Wood and Fiberglass	\$11.24
Ornamental	\$11.97
Double Fixture (2X Wattage)	\$20.70
INDUCTION	
150 Watts	
Wallpack	\$4.34
LED	
100 Watt Equivalent	
Wood and Fiberglass	\$5.05
Decorative	\$7.90
Decorative Double Fixture (2X Wattage)	\$12.34
Ornamental	\$6.10
Double Fixture (2X Wattage)	\$10.00
150 Watt Equivalent	
Wood and Fiberglass	\$5.33
Decorative	\$7.48
Decorative Double Fixture (2X Wattage)	\$11.71
250 Watt Equivalent	
Wood and Fiberglass	\$6.92
Ornamental	\$8.42
Double Fixture (2X Wattage)	\$13.59
400 Watt Equivalent	
Wood and Fiberglass	\$8.73
Ornamental	\$10.14
Double Fixture (2X Wattage)	\$17.04



CONTRACT SERVICE - ECD

AVAILABILITY

Standard Contract Service is available by contract in Utilities' electric service territory to the United States of America at the Fort Carson Military Installation, the Peterson Air Force Base, the United States Air Force Academy, and the Cheyenne Mountain Air Force Station.

In addition to the standard Contract Service to the listed military installations:

- (1) the following two services are available by contract to the United States of America at the United States Air Force Academy for service within the geographic confines of the United States Air Force Academy:
 - (a) Electric and Facilities Contract Service USAFA, consisting of high-voltage electric and facilities service provided within the geographic confines of the United States Air Force Academy.
 - (b) On-site, Direct-service Solar Contract Service USAFA (Contract Service EINFPRS), consisting of solar energy electric service provided from solar electric generating facilities located within the geographic confines of the United States Air Force Academy and with direct electric service from those solar electric generating facilities provided to the United States Air Force Academy.
- (2) Military Hydroelectric Power Sales Service (Contract Service EHYDPWR) is available by contract to the United States of America at the Fort Carson Military Installation for sales of electric energy for transmission over Utilities' electric system for final consumption within the geographic confines of the Fort Carson Military Installation.

<u>RATE OPTIONS</u> Standard Option (ECD)

The billing statements are the sum of:

Access and Facilities Charges	
Per Day	\$40.1585
Per Meter, Per Day	
Demand Charges – Primary	
On-Peak Billing Demand, Per kW, Per Day	\$0.5970
Off-Peak Billing Demand, Per kW, Per Day	\$0.3230
Demand Charges – Secondary	
On-Peak Billing Demand, Per kW, Per Day	\$0.6088
Off-Peak Billing Demand, Per kW, Per Day	\$0.3348
Approval Date: <u>November 28, 2017</u>	

Approval Date:	November 28, 2017
Effective Date:	January 1, 2018
Resolution No.	-



CONTRACT SERVICE – WHEELING - ECW

REQUIRED SERVICES

1. Wheeling

Wheeling is defined as the transporting of power and energy over Utilities' transmission and distribution system for redelivery of Customer's allocated portion of its power and energy from Western or for Customer's purchase of power and energy from Utilities under the Hydro Power tariff. This rate schedule only pertains to wheeling over Utilities' distribution system. Wheeling service over Utilities' transmission system must be arranged under the Open Access Transmission Tariff. Customer must furnish to Utilities copies of contracts and/or agreements between Customer and Western, and between Customer and any intermediate wheeling source. Utilities will maintain copies of Customer's purchases under the Hydro Power tariff. Wheeling availability is always subject to capacity constraints of Utilities' transmission and distribution system and any intermediate wheeling parties' transmission limitations. When Utilities identifies a transmission capacity constraint, Utilities agrees to provide notice to the Customer and to work with the Customer in developing an alternative transmission arrangement.

This service is contingent upon the availability of a transmission and distribution wheeling path from the point of interconnection to Customer's facility. Wheeling will be provided if and when capacity is available above the needs of Utilities' firm Customers.

This service is available to Customer for power and energy purchased from Western and delivered to Utilities' points of interconnection pursuant to a contract between Customer and Utilities. This service is also available to Customer for power and energy purchases from Utilities under the Hydro Power tariff and delivered to Customer. Absent physical or safety constraints, Utilities will redeliver all of Customer's power and energy scheduled and delivered from Western (or purchased by Customer from Utilities under the Hydro Power tariff) to Utilities' points of interconnection with Customer. Utilities shall not be liable for failing to deliver power to Customer either because of interruption of scheduled deliveries from Western (or interruption of deliveries under the Hydro Power tariff) or malfunctions within Utilities' transmission and distribution system or interruptions of wheeling service by intermediate wheeling parties.

The following rates apply to all power wheeled from Western to Customers or purchased under the Hydro Power tariff and wheeled to Customers:

Demand Charge

Per kW of Maximum Scheduled Demand, Per Day in the Billing Period\$0.0711



ENHANCED POWER SERVICE

AVAILABILITY

Available by contract in Utilities' electric service territory for Customers who receive service under an Industrial Service Electric Rate Schedule and require a higher level of electric availability than standard industrial service.

The charges for this optional service, which are in addition to the Customer's standard charges under the applicable Industrial Service Electric Rate Schedule, include:

Reserved Capacity Charge

The greater of On-Peak or Off-Peak Billing Demand or projected peak	
demand per kW, per day\$0.026	55

The Customer will provide projected peak demand (in kW) for every year of the term of the contract. If the projected peak demand has not been provided, either in the contract or in other writing accepted by Utilities, the last projected peak demand will be used for the remaining period of Enhanced Power Service delivery.

Operations & Maintenance Charge

See *Line Extension & Service Standards* for Electric for Operations and Maintenance Charge calculation.

RULES AND REGULATIONS

Enhanced Power Service will be provided in accordance with the provisions of Utilities' Rules and Regulations, *Line Extension & Service Standards* for Electric, *Electric Distribution Construction Standards* and the conditions of any associated contract.

Approval Date:November 28, 2017Effective Date:January 1, 2018Resolution No.



COMMUNITY SOLAR GARDEN BILL CREDIT (PILOT PROGRAM)

CUSTOMER PARTICIPATION UNDER THIS RATE SCHEDULE - cont'd

A bill credit in excess of the bill rendered for the Customer's billing period shall be carried forward to future bills, and a payment to the Customer of any bill credit shall not occur unless the Customer has terminated Electric Service with Utilities and has not transferred the Customer Solar Garden Interest to another Utilities account of the Customer within three billing periods. Any such payment will be directed to the Customer's last known address on file with Utilities, or as otherwise specifically directed by the Customer.

RATE

The rate applicable to each kilowatt hour under the <u>Bill Credit</u> section of this rate schedule shall be 9.84 cents (\$0.0984). This rate may be revised from time-to-time as determined by the City Council of the City of Colorado Springs as provided by the City Code of the City of Colorado Springs, and as provided by the Colorado Revised Statutes.

This is a Pilot Program and its rate does not include costs related to distribution of electric power to the Premises, integrating the Community Solar Garden Facility into the Utilities Electric System, administering this Pilot Program, or providing standby or firming capacity to the Customer and the Customer's Premises. Such costs may be included within future revisions to this rate schedule as determined by the City Council of the City of Colorado Springs as provided by the City Code of the City of Colorado Springs, and as provided by the Colorado Revised Statutes.

COMMUNITY SOLAR GARDEN PILOT PROGRAM CAPACITY SUNSET Total program capacity must be interconnected by August 14, 2015.

RULES AND REGULATIONS

Service under this rate schedule will be in accordance with the provisions of Utilities' Rules and Regulations, *Line Extension & Service Standards for* Electric Service, the City Code of the City of Colorado Springs, the Colorado Revised Statutes, and the conditions of any associated agreement with the Customer or with the Community Solar Garden Facility.



COMMUNITY SOLAR GARDEN PROGRAM

RATE – cont'd

found in the Utilities Rate Credit table contained herein. The Customer Credit Rate for each applicable customer rate class will be calculated using the following formula:

(Non-fuel) + (Capacity) + (ECA)

Utilities Rate Credit Table

Customer Rate Class	Customer Credit Rate per Kilowatt-hour
Residential/Small Commercial (E1R, E1C)	\$0.0680
Residential Time of Day Option (ETR)	\$0.0811
Commercial General (E2C)	\$0.0648
Commercial General TOD (ETC)	\$0.0493
Industrial TOD Transmission Voltage (ETX)	\$0.0603
Industrial TOD 1000 kWh Min (ETL)	\$0.0622
Industrial TOD 500 kW Min (E8T)	\$0.0547
Industrial TOD 4000 kW Min (E8S)	\$0.0495
Large Light and Power (ELG)	\$0.0483
Military (ECD)	\$0.0556

This Program and its rate does not include costs related to distribution of electric power to the Premises, integrating the Community Solar Garden Facility into the Utilities Electric System, administering this Program, or providing standby or firming capacity to the Customer and the Customer's Premises.

RULES AND REGULATIONS

Service under this rate schedule will be in accordance with the provisions of Utilities' Rules and Regulations, *Line Extension & Service Standards for Electric Service*, the City Code of the City of Colorado Springs, the Colorado Revised Statutes, and the conditions of any associated agreement with the Customer or with the Community Solar Garden Facility.