

RESOLUTION NO. 7862

**RESOLUTION OF THE CITY COUNCIL OF BOULDER CITY, N E V A D A
REPEALING AND REPLACING RESOLUTION NO. 7666, WHICH ESTABLISHED
ELECTRIC RATES AND CALCULATION METHODS FOR ELECTRICAL SERVICES
TO UPDATE AND CLARIFY THE PROCESS FOR ADJUSTING ENERGY CHARGE
RATES IN RESPONSE TO COST INCREASES AND TO ESTABLISH FEES FOR CITY-
OWNED ELECTRIC VEHICLE CHARGING STATIONS**

WHEREAS, Section 135 of the City Charter of Boulder City authorizes the City to establish and operate its own utilities for the benefit of City Residents; and

WHEREAS, Title 9, Chapter 10 of the Boulder City Municipal Code establishes the City's electric utility regulations; and

WHEREAS, Section 136 of the City Charter and Section 9-10-14 of the City Code require any rate adjustment to be made by resolution of the City Council of Boulder City following a public hearing; and

WHEREAS, electric utility rates were last adjusted on July 11, 2023, by Resolution No. 7666; and

WHEREAS, the cost of power purchased for resale may fluctuate, and it is necessary to update the language regarding the Energy Charge to ensure the City can increase the rate as needed to match actual costs; and

WHEREAS, it is in the best interest of the City and its citizens to establish rates that allow the City to recoup its costs and maintain a stable financial position; and

WHEREAS, the City currently operates four public electric vehicle (EV) charging stations, which have been available for free use by anyone with an electric vehicle, resulting in an annual subsidy by the City; and

WHEREAS, the increasing popularity of electric vehicles and the growing demand for public charging infrastructure necessitate the establishment of a rate structure for EV charging stations to ensure the long-term sustainability of this service; and

WHEREAS, the implementation of a fee structure for EV charging stations will allow the city to recoup costs related to energy consumption, ongoing maintenance, and payment processing, and to encourage responsible and efficient use of this service.

NOW, THEREFORE, BE IT RESOLVED BY CITY COUNCIL that Resolution No 7666 be repealed and that the following rates and calculation methods be established for electrical services in Boulder City, Nevada effective July 1st through June 30th of each year ("Fiscal Year" or "FY") as set forth herein:

- A. **ENERGY CHARGE**: The Energy Charge is based on the City's estimated annual cost of purchased power and is \$0.0624 per kWh, to be increased as needed to match actual costs of purchased power. All schedules contain the energy charge.

B. DELIVERY CHARGE: The Delivery Charge is based on all other costs required to operate and maintain the City's electric system.

C. RESIDENTIAL SCHEDULE - RS: This schedule is applicable to all 60 Hertz, single- phase or combined single-phase and three-phase electric service supplied through one kilowatt-hour meter for domestic purposes in a single-family accommodation. The monthly charges for this classification of service include:

1. Customer Charge: In addition to the monthly charge for energy used, there is a monthly customer charge of:

Customer Charge	FY 2023	FY 2024	FY 2025	FY 2026
Electric meter equipped with electronic communications link	\$10.00	\$12.50	\$12.50	\$12.50

2. Delivery Charge:

Delivery Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
First 1000 kWh	N/A	\$0.0256	\$0.0277	\$0.0299
1001 - 2000 kWh	N/A	\$0.0282	\$0.0305	\$0.0329
2001 - 4000 kWh	N/A	\$0.0563	\$0.0609	\$0.0658
Over 4001 kWh	N/A	\$0.0729	\$0.0788	\$0.0851

3. Combined Impact of Energy Charge and Delivery Charge:

Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
First 1000 kWh	N/A	\$0.0880	\$0.0901	\$0.0923
1001 - 2000 kWh	\$0.0878	\$0.0906	\$0.0929	\$0.0953
2001 - 4000 kWh	\$0.1156	\$0.1187	\$0.1233	\$0.1282
Over 4001 kWh	\$0.1276	\$0.1353	\$0.1412	\$0.1475

D. RESIDENTIAL SCHEDULE MASTER METERED - RSM: This schedule is applicable to all 60 Hertz, single-phase or combined single-phase and three-phase, electric service supplied through one kilowatt-hour meter for domestic purposes in a master metered facility of greater than five (5) units. Included in this rate are common area lighting, clubhouse, swimming pool, etc. The monthly charges for this classification of service include:

1. Customer Charge: In addition to the monthly charge for energy used, there is a monthly customer charge of:

Customer Charge	FY 2023	FY 2024	FY 2025	FY 2026

Electric meter equipped with electronic communications link	\$50.00	\$53.00	\$57.00	\$60.00
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2. Delivery Charge:

Delivery Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
Per kWh	N/A	\$0.0492	\$0.0522	\$0.0553

3. Combined Cost of Energy Charge and Delivery Charge:

Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
Per kWh	\$0.1077	\$0.1105	\$0.1135	\$0.1166

E. GENERAL SERVICE SCHEDULE: This schedule is applicable to all 60 Hertz, single-phase, three-phase or combined single-phase and three-phase electric service with a demand of less than three hundred kilowatts (300 kW) for which no other specific schedule is provided. All such service must be supplied at one (1) point of delivery and measured through one kilowatt-hour meter. Demand meters will be installed under this schedule when a customer has exceeded 4000 kWh during any three (3) billing periods within a twelve-month period. The monthly charges for this classification of services include:

1. Customer Charge: In addition to the applicable monthly energy and demand charges for electricity used, there is a monthly customer charge of:

Customer Charge	FY 2023	FY 2024	FY 2025	FY 2026
Electric meter equipped with electronic communications link	\$15.00	\$16.00	\$17.00	\$18.00

2. Delivery Charge:

Delivery Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
1-3000 KWH	N/A	\$0.0451	\$0.0478	\$0.0507
Over 3001 KWH	N/A	\$0.0594	\$0.0630	\$0.0668

3. Demand Charge:

Demand Charge (Cost per kW/Month)	FY 2023	FY 2024	FY 2025	FY 2026
Demand over 10 kW	\$3.05	\$3.24	\$3.43	\$3.64

4. Combined Cost of Energy Charge and Delivery Charge:

Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
1-3000 KWH	\$0.1038	\$0.1075	\$0.1102	\$0.1131

Over 3001 KWH	\$0.1173	\$0.1218	\$0.1254	\$0.1292
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F. **LARGE GENERAL SERVICE SCHEDULE -LGS:** This schedule is applicable to all 60 Hertz, single-phase, three-phase or combined single-phase and three- phase four wire wye, electric service with a demand of greater than 300 kW but less than 500 kW. Schedule shall become applicable after customer has established 300 kW demand three (3) times during any twelve-month period. The monthly charges this classification of service include:

1. **Customer Charge:** In addition to the applicable monthly energy and demand charges for electricity used, there is a monthly customer charge of:

Customer Charge	FY 2023	FY 2024	FY 2025	FY 2026
Electric meter equipped with electronic communications link	\$50.00	\$53.00	\$57.00	\$60.00

2. **Delivery Charge:**

Delivery Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
	N/A	\$0.0747	\$0.0792	\$0.0839

3. **Demand Charge:**

Demand Charge (Cost per kW/Month)	FY 2023	FY 2024	FY 2025	FY 2026
Per kW/Month	\$3.05	\$3.24	\$3.43	\$3.64

4. **Combined Cost of Energy Charge and Delivery Charge:**

Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
	\$0.1317	\$0.1371	\$0.1416	\$0.1463

G. **TIME-OF-USE GENERAL SERVICE - TOU-GS:** This schedule is applicable to all services where peak demand exceeds 500 kW during three (3) billing cycles during any twelve-month period and will remain applicable until demand has registered under 500 kW for twelve (12) consecutive months. This requirement can be waived at the discretion of City of Boulder City staff. In addition, voluntary participation in this schedule is applicable to LGS customers. The monthly charges for this classification of service shall include:

RATE AT SECONDARY DISTRIBUTION VOLTAGE (600 Volts or less)

1. **Customer Charge:** In addition to the applicable monthly energy and demand charges for electricity used, there is a monthly customer charge of:

Customer Charge	FY 2023	FY 2024	FY 2025	FY 2026
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Electric meter equipped with electronic communications link	\$200.00	\$212.00	\$225.00	\$239.00
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2. Delivery Charge:

Delivery Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
Summer On-Peak Period	N/A	\$0.1102	\$0.1168	\$0.1239
Summer Off-Peak Period	N/A	\$0.0594	\$0.0630	\$0.0668
All other periods	N/A	\$0.0747	\$0.0792	\$0.0839

3. Demand Charge:

Demand Charge (Cost per kW/Month)	FY 2023	FY 2024	FY 2025	FY 2026
Summer On-Peak Period	\$14.62	\$15.50	\$16.44	\$17.43
Summer Off-Peak Period	\$4.87	\$5.17	\$5.48	\$5.81
All other periods	\$3.05	\$3.24	\$3.43	\$3.64

4. Combined Cost of Energy Charge and Delivery Charge:

Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
Summer On-Peak Period	\$0.1652	\$0.1726	\$0.1792	\$0.1863
Summer Off-Peak Period	\$0.1173	\$0.1218	\$0.1254	\$0.1292
All other periods	\$0.1317	\$0.1371	\$0.1416	\$0.1463

RATE AT PRIMARY DISTRIBUTION VOLTAGE (2,400 Volts or greater)

1. Customer Charge: In addition to the applicable monthly energy and demand charges for electricity used, there is a monthly customer charge of:

Customer Charge	FY 2023	FY 2024	FY 2025	FY 2026
Electric meter equipped with electronic communications link	\$200.00	\$212.00	\$225.00	\$239.00

2. Delivery Charge:

Delivery Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
Summer On-Peak Period	N/A	\$0.1070	\$0.1135	\$0.1203
Summer Off-Peak Period	N/A	\$0.0572	\$0.0606	\$0.0643
All other periods	N/A	\$0.0732	\$0.0776	\$0.0823

3. Demand Charge:

Demand Charge (Cost per kW/Month)	FY 2023	FY 2024	FY 2025	FY 2026
Summer On-Peak Period	\$14.33	\$15.19	\$16.11	\$17.08
Summer Off-Peak Period	\$4.78	\$5.07	\$5.38	\$5.70
All other periods	\$3.05	\$3.24	\$3.43	\$3.64

4. Combined Cost of Energy Charge and Delivery Charge:

Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
Summer On-Peak Period	\$0.1622	\$0.1694	\$0.1759	\$0.1827
Summer Off-Peak Period	\$0.1152	\$0.1196	\$0.1230	\$0.1267
All other periods	\$0.1303	\$0.1356	\$0.1400	\$0.1447

Time Periods:

Summer Season May through September
 Summer On-Peak Hours 12:00PM (noon) to 10:00PM
 Summer Off-Peak Hours 10:00PM to 12:00PM (noon)
 All other October through April

5. PEAK DEMAND DETERMINATION: Peak demand is determined by measurement of the highest peak kilowatt demand for any fifteen (15) minute period during the billing period (month).

6. POWER FACTOR: If the average power factor during a billing period (month) is less than eighty percent (80%) as determined by the City, the peak demand determination will be adjusted by multiplying by 0.85 (85%) and dividing by the measured power factor.

H. BOULDER CITY HOSPITAL SCHEDULE - BCH: This schedule is applicable to Boulder City Hospital (Main Complex). Service comprised of 480 Volt, 60 Hertz, combined single-phase and three-phase, electric service supplied through one kilowatt-hour meter for the purpose of providing for the health, safety and welfare to the general populous of Boulder City through medical services. The monthly charges for this classification of service include:

1. Customer Charge: In addition to the applicable monthly energy and demand charges for electricity used, there is a monthly customer charge of:

Customer Charge	FY 2023	FY 2024	FY 2025	FY 2026
Electric meter equipped with electronic communications link	\$25.00	\$27.00	\$29.00	\$30.00

2. Delivery Charge:

Delivery Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
	N/A	\$0.0290	\$0.0307	\$0.0326

3. Combined Cost of Energy Charge and Delivery Charge:

Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
	\$0.0886	\$0.0914	\$0.0931	\$0.0950

The above rate is contingent upon Boulder City Hospital actively pursuing recommended energy conservation measures and can be rescinded if conservation measures are not followed.

- I. SPORTS FIELD LIGHTING: This schedule applies to outdoor recreational lighting with a minimum of 10 kW of installed light fixtures mounted on poles. System must have adequate safeguards to ensure lighting is not operational during daylight hours with the exception of scheduled maintenance activities.

1. Customer Charge: In addition to the applicable monthly energy and demand charges for electricity used, there is a monthly customer charge of:

Customer Charge	FY 2023	FY 2024	FY 2025	FY 2026
Electric meter equipped with electronic communications link	\$50.00	\$53.00	\$57.00	\$60.00

2. Delivery Charge:

Delivery Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
	N/A	\$0.0502	\$0.0532	\$0.0564

3. Combined Cost of Energy Charge and Delivery Charge:

Rate (Cost/kWh)	FY 2023	FY 2024	FY 2025	FY 2026
	\$0.1114	\$0.1126	\$0.1156	\$0.1188

- J. SCHEDULE OF RATES FOR AREA LIGHTING SERVICE: This schedule applies to all customer classifications for area lighting service based upon installed wattage of fixtures. The customer requesting service under this schedule is responsible for all costs incurred by the City for installation.

Service Charge (Cost/Month)	FY 2023	FY 2024	FY 2025	FY 2026
0 -175 Watt	\$8.77	\$9.30	\$9.86	\$10.45
176 - 399 Watt	\$10.24	\$10.86	\$11.51	\$12.21

400 Watt and greater	\$17.55	\$18.61	\$19.73	\$20.92
Each installed pole	\$3.66	\$3.88	\$4.12	\$4.37

K. SCHEDULE OF RATES FOR SPRINKLER SYSTEM CONTROL AND LANDSCAPE

LIGHTING SERVICE: This schedule is applicable to all Homeowner's Associations and Planned Unit Developments for irrigation system controls and area lighting service where limited power amounts are required. This service shall provide for unmetered electric service for the purpose of supplying power to irrigation control clocks, entry sign and landscape type lighting where the total connected load does not exceed the limits established herein. The energy provided shall not be used for any purpose(s) other than those specified above. Applicant shall be responsible for providing and approved fused disconnect and the necessary line extension to the closest available secondary voltage source as approved by the Utilities Director. All lighting shall be controlled by an approved photoelectric-cell controller to prevent the lights from operating during daylight hours.

Rates Per Month	FY 2023	FY 2024	FY 2025	FY 2026
0- 175 Watt	\$8.77	\$9.30	\$9.86	\$10.45
176 - 399 Watt	\$10.24	\$10.86	\$11.51	\$12.21
400 Watt and greater	\$17.55	\$18.61	\$19.73	\$20.92

L. Credit for energy generated from customer-owned renewable sources: Customers who have a City-approved net metering system and who have executed a net metering interconnection agreement with the City will be charged and credited as follows:

1. Net Energy Delivered is defined as the energy, in kWh, delivered by the utility to the customer less the energy delivered by the customer to the utility.
2. Net Energy Generated is defined as the energy, in kWh, delivered by the customer to the utility less the energy delivered by the utility to the customer.
3. Average Wholesale Energy Cost is defined is equivalent to the Energy Charge and is \$0.0624 per kWh, to be increased as needed to match actual costs of purchased power.
4. If the Net Energy Delivered during a billing period is greater than zero, the customer will be billed for the Net Energy Delivered at the energy rate that would apply to the customer if the net metering system was not installed.
5. If the Net Energy Generated during a monthly billing period is greater than zero, a monetary credit will be applied to the customer account.
 - a. The credit will be calculated by multiplying the Net Energy Generated by the Average Wholesale Energy Cost.
6. Credits given for customer-generated energy will be used to offset future energy charges on the same customer account and can be carried forward

up to 12 months. Customers cannot receive monetary compensation for credits, transfer credits to another customer or premises, or use credits to offset other charges, such as the monthly customer charge.

7. The monthly customer charge and the charge per kW of demand (if applicable) will be according to rate class that would apply to the customer if the net metering system was not installed.

M. MUNICIPAL RATES: This schedule is applicable to 60 Hertz, single-phase or combined single-phase and three-phase, electric service supplied to Boulder City-owned facilities. Demand meters will be installed under this schedule when the service has exceeded 4000 kWh during any three (3) billing periods within a twelve-month period. The monthly charges for such services include:

1. Customer Charge: In addition to the applicable monthly energy and demand charges for electric energy used, there is a monthly customer charge of \$12.50.

2. Energy Charge: Based on the City's estimated annual cost of purchased power and is \$0.0624 per kWh, to be increased as needed to match actual costs of purchased power.

N. ELECTRIC VEHICLE (EV) CHARGING STATIONS: This schedule applies to all electric vehicle (EV) charging services provided at publicly accessible charging stations operated by the City. The charges for this classification of service include:

1. Customer Charge (Connection Fee): In addition to applicable energy and time-based fees, there is a daily connection fee based on the General Service Schedule's monthly customer charge of \$17.00, averaged out to a daily rate of \$0.5667.

2. Energy Charge: The energy charge for EV charging is set at \$0.1708 per kilowatt-hour (kWh). This rate is composed of two parts:

A. A base charge of \$0.1102 per kWh, which covers both energy costs and delivery fees. This rate is derived from the initial 1-3000 kWh usage tier as specified in the General Service Schedule.

B. A supplementary charge of \$0.0606 per kWh, which is added to cover maintenance expenses and payment processing fees.

These two components combine to form the total energy charge of \$0.1708 per kWh for electric vehicle charging services.

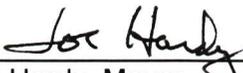
3. Time-Based Charge (Payment Processing):

An overstay fee of \$0.25 every 15 minutes or \$1.00 per hour shall apply to vehicles that remain connected for longer than two hours, as most transactions are typically completed within this timeframe. This is to encourage efficient use of the charging stations and allow access for other users.

O. REVIEW PERIOD: Utility rates shall be reviewed by the City Council at least once every three years. In the event utility rates are not reviewed, the rates for FY 2026 will carry forward until such time as rates can be reviewed.

BE IT FURTHER RESOLVED, that the foregoing rates and calculation methods apply to electric utility services which are billed on or after October 1, 2023, and each year's increases apply to electric utility services billed on or after October 1 of each year. The foregoing rates shall not be applied to previous billings, which may be due and delinquent under contract for service until such time as the contract is renewable.

DATED and APPROVED this 8th day of October, 2024.



Joe Hardy, Mayor

ATTEST:



Tami McKay, City Clerk