

RESOLUTION NO. 7282

RESOLUTION OF THE CITY COUNCIL OF BOULDER CITY, REPEALING AND REPLACING RESOLUTION NO. 7030 TO REDUCE THE ENERGY USAGE RATES

WHEREAS, rules and regulations have been established for the operation of the municipally-owned electrical utility of Boulder City, Nevada and allows the City Council to set the electrical utility rates by resolution following a public hearing; and

WHEREAS, Resolution No. 1756 was approved January 9, 1990; and

WHEREAS, Resolution No. 3967 was approved June 25, 2002; and

WHEREAS, Resolution No. 3967 was repealed March 25, 2003; and

WHEREAS, Resolution No. 4101 was approved March 25, 2003; and

WHEREAS, Resolution No. 4771 was approved May 9, 2006; and

WHEREAS, Resolution No. 5412 was approved June 9, 2009; and

WHEREAS, Resolution No. 5498 was approved December 8, 2009; and

WHEREAS, Resolution No. 5512 was approved January 12, 2010; and

WHEREAS, Resolution No. 6489 was approved May 24, 2016; and

WHEREAS, Resolution No 7030 was approved November 12, 2019

NOW, THEREFORE, BE IT RESOLVED BY CITY COUNCIL that Resolution No 7030 be repealed and that the following rates be established for electrical services in Boulder City, Nevada effective July 1, 2021, which is the beginning of Fiscal Year (FY) 2022:

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

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

Customer Charge	Current	FY 2022
Electric meter equipped with electronic communications link	\$10.00	\$10.00
Electric meter not equipped with electronic communications link	\$25.00	\$25.00

2. Energy Charge:

Energy Usage Rate (Cost/kWh)	Current	FY 2022
First 2000 kWh	\$0.0905	\$0.0878
2001 – 4000 kWh	\$0.1192	\$0.1156
Over 4001 kWh	\$0.1315	\$0.1276

3. Purchase Power Rider: All service under this schedule will be subject to a purchased power rider. The energy portion of the bill will be adjusted by the product of the Kilowatt-hours of service rendered, times the applicable purchase power rider (see Section J).

B. RESIDENTIAL SCHEDULE MASTER METERED- RSM: This schedule shall be 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 shall include:

1. Customer Charge: In addition to the monthly charge for energy used, there shall be a monthly customer charge of \$50.00 per meter.

2. Energy Charge:

Energy Usage Rate (Cost/kWh)	Current	FY 2022
Per kWh	\$0.1110	\$0.1077

3. Purchased Power Rider: All service under this schedule will be subject to a purchased power rider. The energy portion of the bill will be adjusted by the product of the Kilowatt-hours of service rendered, times the applicable purchase power rider (see Section J).

C. GENERAL SERVICE SCHEDULE: This schedule shall be 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 will 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 shall include:

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

Customer Charge	Current	FY 2022
Electric meter equipped with electronic communications link	\$15.00	\$15.00
Electric meter not equipped with electronic communications link	\$25.00	\$25.00

2. Energy Charge:

Energy Usage Rate (Cost/kWh)	Current	FY 2022
1 – 3000 KWH	\$0.1070	\$0.1038
Over 3001 KWH	\$0.1209	\$0.1173

3. Demand Charge:

Demand Charge (Cost per kW/Month)	Current	FY 2022
Demand over 10 kW	\$3.05	\$3.05

4. Purchase Power Rider: All service under this schedule will be subject to a purchase power rider. The energy portion of the bill will be adjusted by the product of the Kilowatt-hours of service rendered, times the applicable purchase power rider (see Section J).

D. LARGE GENERAL SERVICE SCHEDULE -LGS: This schedule shall be 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 shall include:

1. Customer Charge: In addition to the applicable monthly energy and demand charges for electricity used, there shall be a monthly customer charge of \$50.00.

2. Energy Charge:

Energy Usage Rate	Current	FY 2022
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(Cost/kWh)		
All kWh	\$0.1358	\$0.1317

3. Demand Charge:

Demand Charge (Cost per kW/Month)	Current	FY 2022
Per kW/Month	\$3.05	\$3.05

4. Purchased Power Rider: All service under this schedule will be subject to a purchase power rider. The energy portion of the bill will be adjusted by the product of the Kilowatt-hours of service rendered, times the applicable purchase power rider (see Section J).

E. TIME-OF-USE GENERAL SERVICE - TOU-GS: This schedule shall be 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 shall be a monthly customer charge of \$200.00.

2. Energy Charge:

Energy Usage Rate (Cost/kWh)	Current	FY 2022
Summer On-Peak Period	\$0.1703	\$0.1652
Summer Off-Peak Period	\$0.1209	\$0.1173
All other periods	\$0.1358	\$0.1317

3. Demand Charge:

Demand Charge (Cost per kW/Month)	Current	FY 2022
Summer On-Peak Period	\$14.62	\$14.62
Summer Off-Peak Period	\$4.87	\$4.87
All other periods	\$3.05	\$3.05

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 shall be a monthly customer charge of

\$200.00.

2. Energy Charge:

Energy Usage Rate (Cost/kWh)	Current	FY 2022
Summer On-Peak Period	\$0.1672	\$0.1622
Summer Off-Peak Period	\$0.1188	\$0.1152
All other periods	\$0.1343	\$0.1303

3. Demand Charge:

Demand Charge (Cost per kW/Month)	Current	FY 2022
Summer On-Peak Period	\$14.33	\$14.33
Summer Off-Peak Period	\$4.78	\$4.78
All other periods	\$3.05	\$3.05

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

- 4. Purchase Power Rider:** All service under this schedule will be subject to a purchase power rider. The energy portion of the bill will be adjusted by the product of the Kilowatt-hours of service rendered, times the applicable purchase power rider (see Section J)
- 5. PEAK DEMAND DETERMINATION:** Peak demand shall be 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.

F. BOULDER CITY HOSPITAL SCHEDULE – BCH: This schedule shall be 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 shall include:

- 1. Customer Charge:** In addition to the applicable monthly energy charges for electricity used, there shall be a monthly customer charge of:

Customer Charge	Current	FY 2022
Per meter	\$25.00	\$25.00

2. Energy Charge:

Energy Usage Rate (Cost/kWh)	Current	FY 2022
All kWh	\$0.0913	\$0.0886

3. 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.

4. Purchase Power Rider: All service under this schedule will be subject to a purchase power rider. The energy portion of the bill will be adjusted by the product of the Kilowatt-hours of service rendered, times the applicable purchase power rider (see Section J).

G. SPORTS FIELD LIGHTING: This schedule shall apply 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 shall be a monthly customer charge of \$50.00.

2. Energy Charge: All kW.....\$0.1114 per kWh

3. Purchase Power Rider: All service under this schedule will be subject to a purchase power rider. The energy portion of the bill will be adjusted by the product of the Kilowatt-hours of service rendered, times the applicable purchase power rider (see Section J).

H. SCHEDULE OF RATES FOR AREA LIGHTING SERVICE: This schedule shall apply 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)	Current	FY 2022
0 – 175 Watt	\$8.77	\$8.77
176 – 399 Watt	\$10.24	\$10.24
400 Watt and greater	\$17.55	\$17.55
Each installed pole	\$3.66	\$3.66

I. SCHEDULE OF RATES FOR SPRINKLER SYSTEM CONTROL AND LANDSCAPE

LIGHTING SERVICE: This schedule shall be applicable to all Homeowner’s Associations and PUD 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 Electric Utility Administrator. All lighting shall be controlled by an approved photoelectric-cell controller to prevent the lights from operating during daylight hours.

Rates Per Month	Current	FY 2022
0 – 175 Watt	\$8.77	\$8.77
176 – 399 Watt	\$10.24	\$10.24
400 Watt and greater	\$17.55	\$17.55


- J. **Purchase Power Rider Defined:** In the event the average wholesale cost of purchased power in any given month exceeds, \$0.06 per kWh, the total of that excess cost will be distributed equally among all classes of customers, (with the exception of fixed cost customers). Distribution of cost will be charged to each kWh billed during the following twelve-month period. In the event these excess costs occur during subsequent months, those costs will be added to the balance and billed over the following twelve-month period.
- K. **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 as the utility’s total annual cost of purchasing wholesale power divided by the total annual wholesale energy **delivered** to the utility, in kWh. The Average Wholesale Energy Cost will be determined at the end of each calendar year and be applied to the calculation of net metering energy credits starting with the following July billing period.
 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 24 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.
- L. **MUNICIPAL RATES:** This schedule shall be 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 shall include:
1. **Customer Charge:** In addition to the applicable monthly energy and demand charges for electric energy used, there shall be a monthly customer charge of \$10.00.
 2. **Energy Charge:** Each year that this Resolution remains in effect, the energy charge for municipal services shall be adjusted to equal the City's average wholesale power cost per kWh received during the previous calendar year.
 3. **Purchase Power Rider:** All service under this schedule will be subject to a purchase power rider. The energy portion of the bill will be adjusted by the product of the Kilowatt-hours of service rendered, times the applicable purchase power rider (see Section J).
- M. **REVIEW PERIOD:** Utility rates shall be reviewed by the City Council at least once every three years.

BE IT FURTHER RESOLVED that the foregoing rates shall apply to named utility services which are billed on or after July 1, 2021. 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 25th day of May, 2021.


Kiernan McManus, Mayor

ATTEST: 
Tami McKay, Acting City Clerk