

223. AN “ORDINANCE APPROVING REVISIONS TO THE EXISTING ELECTRIC RATE SCHEDULES, INCLUDING THE CHANGES AND CORRECTIONS TO THE PUBLISHED PROPOSED RATE SCHEDULES, FOR BOZRAH LIGHT AND POWER COMPANY TO BE EFFECTIVE FOR ELECTRIC SERVICE BILLED ON AND AFTER APRIL 1, 2018; ON AND AFTER APRIL 1, 2019; AND ON AND AFTER APRIL 1, 2020” (INITIALLY APPROVE FEBRUARY 5, 2018; FINALLY APPROVED MARCH 5, 2018)

WHEREAS, the Bozrah Light and Power Company (BL&P) has determined that revisions to the existing Electric Rate Schedules are necessary; and

WHEREAS, the Bozrah Utilities Commission has arrived at the revised Electric Rate Schedules after careful consideration; and

WHEREAS, the Bozrah Utilities Commission conducted a Public Hearing on the proposed revisions on Wednesday, January 17, 2018 at 6:00 P.M., and has considered all comments and correspondence received; and

WHEREAS, at its special meeting held on January 17, 2018, the Bozrah Utilities Commission approved the revised Electric Rate Schedules, including the changes and corrections to the published proposed rate schedules, and has recommended adoption by the City Council; and

WHEREAS, this Ordinance was published in The Day, a newspaper having general circulation in the City of Groton on February 8, 2018 and February 9, 2018;

THEREFORE, BE IT RESOLVED, that the Mayor and Council **Finally** approve an “Ordinance approving revisions to the existing Electric Rate Schedules, including the changes and corrections to the published proposed rate schedules, for Bozrah Light and Power Company to be effective for electric service billed on and after April 1, 2018; on and after April 1, 2019 and on and after April 1, 2020” and thereafter until revised, as follows:

BOZRAH LIGHT AND POWER COMPANY
Gilman, Connecticut

BILLED ON AND AFTER APRIL 1, 2018

BILLED ON AND AFTER APRIL 1, 2019

BILLED ON AND AFTER APRIL 1, 2020

PURCHASED POWER ADJUSTMENT – FOR ALL ELECTRIC RATES AND RIDERS:
An adjustment will be applied to every kWh sold to reflect any difference between the base power costs included in the rates and the actual power costs (not including transmission) billed to the Company for its load.

TRANSMISSION COST ADJUSTMENT – FOR ALL ELECTRIC RATES: An adjustment will be applied to every kWh sold to reflect any difference between the base

transmission costs included in the rates and the actual transmission costs charged to the Company.

TERM OF CONTRACT – FOR ALL ELECTRIC RATES: One (1) year and annually thereafter unless otherwise specified.

HOUSEHOLD SERVICE

Electric Rate No. 1

Effective in all towns served by the Company.

Availability: Single phase electric service for dwelling and appurtenances of a single family for its household and farm requirements, subject to the limitations set forth in the Company’s Rules and Regulations.

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2020
Service Charge	\$12.50	\$16.50	\$20.50
All kWh per month	\$ 0.1605	\$ 0.1609	\$ 0.1616 per kWh

Rate For Separately Metered Water Heating Service: (closed)

Service Charge	\$3.20	\$3.50	\$3.75 per month
All kWh per month	\$ 0.1605	\$ 0.1609	\$ 0.1616 per kWh

Term of Contract: One year and annually thereafter. There shall be an Annual Minimum Charge equal to twelve (12) times the service charge. This Annual Minimum Charge shall also apply to a customer who requests service be disconnected and reconnected within a twelve (12) month period.

HOUSEHOLD SERVICE, OPTIONAL

Electric Rate No. 2

Effective in all towns served by the Company.

Availability: Single phase electric service for the dwelling and appurtenances for a single private family for its household and farm requirements, subject to the limitations set forth in the Company’s Rules and Regulations.

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2022
Service Charge	\$18.00	\$22.00	\$26.00
Day Period (7 a.m. to 9 p.m.)	\$ 0.1726	\$ 0.1768	\$ 0.1812 per kWh
Night Period (9 p.m. to 7 a.m.)	\$ 0.1083	\$ 0.1110	\$ 0.1137 per kWh

Primary Metering: Where service is metered on the primary side of the transformer bank installed to serve the Customer, the number of kilowatt hours used in computing the charge will be reduced by 2 percent.

Metering and Time Control: Metering with control, will be provided by the Company to record the number of kWh used in each period.

FARM SERVICE

Electric Rate No. 3

Effective in all towns served by the Company.

Availability: For all lighting, heating and power use subject to the limitations set forth in the Company's Rules and Regulations for a farm Customer located on the Company's distribution lines suitable for supplying the service requested. Space heating and water heating equipment must be of a size and design approved by the Company. Not available for seasonal, auxiliary or standby service.

Monthly Rate:

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2020
Service Charge	\$11.00	\$15.00	\$20.00
Capacity Charge	\$ 3.90	\$ 4.50	\$ 5.20 each kW of billing capacity
Energy Charge	\$ 0.13720	\$ 0.14030	\$ 0.14320 per kWh

Minimum Charge: There shall be an Annual Minimum Charge equal to twelve (12) times the service charge.

Determination of Billing Capacity: The billing capacity in any month is the highest measured kilowatts within each month, but not less than 80% of the highest measured kilowatts within the preceding eleven months and not less than one kilowatt. The interval for measuring billing capacity is 15 minutes.

Primary Metering: Where service is metered on the primary side of the transformer bank installed to serve the Customer, the number of kilowatt hours used in computing the charge will be reduced by 2 per cent.

GENERAL SERVICE

Electric Rate No. 4

Effective in all Towns served by the Company.

Availability: For all lighting, heating and incidental power for Customers located on the Company's distribution lines suitable for supplying the service requested, subject to the limitations set forth in the Company's Rules and Regulations. Not available for auxiliary or standby service.

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2020
Service Charge	\$15.00	\$19.00	\$23.00
Capacity Charge	\$ 9.90	\$12.40	\$15.00 each kW of billing capacity
	\$ 5.10*	\$ 5.70*	\$ 6.30 *

(*For an edifice set aside exclusively for public worship all kW of billing capacity per kW per month. No new customers.)

Energy Charge	\$ 0.1491	\$ 0.1438	\$ 0.1383 per kWh
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GENERAL SERVICE (GET Exempt)

Electric Rate No. 049

Effective in all Towns served by the Company.

Availability: For all lighting, heating and incidental power for Customers located on the Company's distribution lines suitable for supplying the service requested, subject to the limitations set forth in the Company's Rules and Regulations. Available only to manufacturers whose Standard Industrial Classification (SIC) codes are between 2000 and 3999 who are exempt from the Connecticut Gross Earnings Tax. Not available for auxiliary or standby service.

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2020
Service Charge	\$14.25	\$18.05	\$21.85
Capacity Charge	\$ 9.40	\$11.78	\$14.25 each kW of billing capacity
Energy Charge	\$ 0.1440	\$ 0.1389	\$ 0.1336 per kWh

Determination of Billing Capacity: The billing capacity in any month is the highest measured kilowatts within such month, but not less than one kilowatt. The interval for measuring billing capacity is 15 minutes.

Primary Metering: Where service is metered on the primary side of the transformer bank installed to serve the Customer, the number of kilowatt hours used in computing the charge will be reduced by 2 percent.

LARGE GENERAL SERVICE

Electric Rate No. 5

Effective in all Towns supplied by the Company.

Availability: For all lighting, heating and power for a Customer subject to the Rules and Regulations of the Company located on the Company's Distribution Lines suitable for supplying the service requested.

Service shall be of one standard voltage delivered at one point through one installation of transformers when supplied by the Company and metered by one metering installation.

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2020
Service Charge	\$100.00	\$125.00	\$150.00
Capacity Charge			
First 50 kW billing capacity or less	\$490.90	\$550.00	\$610.00
All kW over 50 kW	\$ 9.80	\$ 11.00	\$ 12.20
Energy Charge	\$ 0.1179	\$ 0.1175	\$ 0.1171 per kWh

Excess Reactive Capacity Charge:

All reactive kVA in excess of 50% of kW of Billing Capacity as follows:

April 1, 2018	April 1, 2019	April 1, 2020
\$0.50	\$0.51	\$0.52 per kVA

Minimum Charge: The minimum monthly charge shall be the sum of the capacity charge and reactive charge. The Company may however, require a higher minimum charge where the installation is of large size or is affected by special conditions.

Determination of Billing Capacity: The billing capacity in any month is the highest measured kilowatts within such month, but not less than 50 kW and not less than 80% of the highest measured kilowatts within the preceding eleven months. The interval for measuring billing capacity is 15 minutes.

Determination of Reactive Capacity: The reactive capacity is defined as the highest 15 minute lagging reactive load in kilovolt amperes occurring during the month as determined by continuous measuring instruments. The ratio between kilowatt and reactive capacity will be determined by continuous measuring instruments or by periodic tests at reasonable intervals and if determined by test the resulting ratio will remain in effect until a new determination is made.

Discounts:

Primary Delivery: If the service is taken at the Customer’s property line and the Company is relieved of installing any transforming and sub-station equipment, except the metering equipment, the following deductions will be made from the kilowatt capacity charge:

April 1, 2018	April 1, 2019	April 1, 2020
\$0.22	\$0.33	\$0.44
per kilowatt per month for all kilowatts of Billing Capacity.		

Primary Metering: Where service is metered on the primary side of the transformer bank installed to serve the Customer the number of kilowatt hours used in computing the charge will be reduced by 2%.

Term of Contract: Not less than one year and annually thereafter unless cancelled by six (6) months written notice. The Company may however, require a longer term of contract, a longer cancellation notice and a Capacity Charge based on a Contract Capacity when the installation is of a large size or is affected by special conditions.

LARGE GENERAL SERVICE (GET Exempt)
Effective in all Towns served by the Company.

Electric Rate No. 059

Availability: For all lighting, heating and power for Customers subject to the Rules and Regulations of the Company located on the Company’s Distribution Lines suitable for supplying the service requested. Available only to manufacturers whose Standard Industrial Classification (SIC) codes are between 2000 and 3999 who are exempt from the Connecticut Gross Earnings Tax.

Service shall be of one standard voltage delivered at one point through one installation of transformers when supplied by the Company and metered by one metering installation.

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2020
Service Charge	\$95.00	\$118.50	\$142.50
Capacity Charge			
First 50 kW billing capacity or less	\$466.00	\$523.00	\$580.00
All kW over 50 kW	\$ 9.32	\$ 10.46	\$ 11.60

Decorative 20' Fiberglass Pole	\$211.68
Decorative 20' Steel Pole	\$115.92

The Company will furnish, maintain and operate suitable control apparatus in order to provide lighting from dusk to dawn (abnormal conditions excepted) for twelve months per year except as otherwise provided for.

The Company will make reasonable relocations and substitutions in this equipment as may be desired.

Billing: Charges for annual use will be billed monthly in twelve (12) equal installments. For seasonal use, annual charges will be billed monthly during the season in equal installments.

Term of Contract: Two (2) years and thereafter until canceled by one (1) year's written notice.

STREET LIGHTING SERVICE (GET Exempt) **Electric Rate No. 069**
Effective in all Towns served by the Company.

Availability: For all street lighting fixtures served from, attached to and supported by the Company's existing overhead distribution facilities suitable for supplying the service requested. The Company will furnish, maintain and operate lamps in its standard fixtures. Available only to manufacturers whose Standard Industrial Classification (SIC) codes are between 2000 and 3999 who are exempt from the Connecticut Gross Earnings Tax.

High Pressure Sodium Lamps

Annual Rate:	April 1, 2018	April 1, 2019	April 1, 2020
5,800 lumens	\$162.91	\$163.56	\$164.22
9,500 lumens	\$189.45	\$190.20	\$190.96
27,500 lumens	\$295.65	\$296.83	\$298.02

Flood Lighting Service

	April 1, 2018	April 1, 2019	April 1, 2020
27,000 lumens 250 watt	\$272.20	\$273.29	\$274.38
50,000 lumens 400 watt	\$354.45	\$355.87	\$357.29

LED Lighting

	Annual Rate
LED 20-40W (<100W Equivalent)	\$115.94
LED 40-54W (100W Equivalent)	\$128.14
LED 55-84W (150W Equivalent)	\$135.66
LED 85-104W (250W Equivalent)	\$152.42
LED 105-135W (400W Equivalent)	\$171.80

Decorative Light Poles

Annual Rate

Decorative 20' Fiberglass Pole	\$201.10
Decorative 20' Steel Pole	\$110.12

UNMETERED ELECTRIC SERVICE

Electric Rate No. 7

Effective in all towns served by the Company.

Availability: For traffic, sign lighting, CATV amplifier, radio and similar uses, located on the Company's distribution line suitable for supplying the service requested subject to the following conditions:

- (1) When such equipment is operated daily on a fixed schedule, the monthly capacity and energy use for each installation will be computed.
- (2) Customer shall install, own, operate, and maintain all equipment.

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2020
Service Charge	\$4.00	\$8.00	\$12.00
Capacity Charge	\$6.10	\$6.50	\$7.00
Energy Charge	\$ 0.1471	\$ 0.1352	\$ 0.1232 per kWh

Minimum Charge: The Minimum Charge shall be the higher of \$5.50 or Monthly Service Charge.

SCHOOL SERVICE

Electric Rate No. 11

Effective in all towns served by the Company.

(Closed)

Availability: On an annual basis to schools and churches for entire requirements using a controlled electric water heater served on this rate on November 1, 1986 subject to the limitations set for in the Company's Rules and Regulations.

Space heating and water heating equipment must be of a size and design approved by the Company, and must be installed in accordance with the Company's specifications.

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2020
Service Charge	\$20.00	\$30.00	\$40.00
Energy Charge	\$ 0.1553	\$ 0.1579	\$ 0.1605 per kWh

Minimum Charge: There shall be an Annual Minimum Charge equal to twelve (12) times the service charge.

Primary Metering: Where service is metered on the primary side of the transformer bank installed to serve the Customer, the number of kilowatt hours used in computing the charge will be reduced by 2 percent.

Term of Contract: Two (2) years and thereafter until cancelled by one (1) year's written notice.

NET METERING RIDER

Applicable to Customers on Rate 1, Rate 3, Rate 4 and Rate 5 with Alternate Power Source

Availability: This rider is applicable to customers with approved Alternate Power Source(s) of electricity other than the Bozrah Light and Power (Bozrah). Customer generation does not relieve Bozrah of the obligation to deliver all power requirements.

Metering Requirements: Metering equipment shall be installed that will allow measurement of total usage and of customer generation during each billing.

Billing for Net Metering Customers: The APS customer shall be billed the monthly service charge, a metered energy charge for all delivered kWh, applicable PPA and TCA for all delivered kWh, State Mandated Conservation charge for the customers total facility load (kWh) and a transmission and distribution fee for the customer's total facility load (kWh). The customer shall be credited the meter energy charge and applicable PPA and TCA for all received kWh.

Definitions:

Alternate Power Sources (APS): Any non-utility electric energy source with an annual output less than the customer's total annual facility load as measured in kWh on the customer's premises approved by Bozrah Light and Power Company to provide electric power service to the customer. APS may not exceed the customer's peak demand.

Interconnection Costs: Installation of a generation system that will interconnect with Bozrah's electric distribution system requires approval of BL&P and must conform to Bozrah equipment and engineering standards as set forth in Policy.

Metering Costs: To provide full requirements service, any and all costs above and beyond standard metering costs attributable to Customer's decision to interconnect and operate APS in parallel with Bozrah electric system. All metering installations must conform to Bozrah equipment and engineering standards as set forth in Policy.

Parallel Operation: The Customer's APS must be operated in compliance with the Bozrah Policy for parallel operation of self-generating facilities. Bozrah may suspend parallel operations of the Customer's APS if, in Bozrah's opinion, continued operation would endanger the operation, physical integrity of any Bozrah equipment or personnel or if such operation would cause or contribute to a system emergency.

RATE 1

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2020
Service Charge	\$12.50	\$16.50	\$20.50
T&D Charge	\$ 0.0549	\$ 0.0497	\$ 0.0445 per customer load kWh
Metered Energy Charge	\$ 0.1056	\$ 0.1112	\$ 0.1171 per kWh

Minimum Charge: The minimum charge in each month shall be the Customer Charge.

RATE 3 – FARM SERVICE:

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2020
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Service Charge	\$11.00	\$15.00	\$20.00
T&D Charge load kWh	\$ 0.0397	\$ 0.0243	\$ 0.0102 per customer
Metered Energy Charge	\$ 0.0975	\$ 0.1160	\$ 0.1330 per kWh
All Demand	\$ 3.90	\$ 4.50	\$ 5.20

RATE 4:

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2020
Service Charge	\$15.00	\$19.00	\$23.00
T&D Charge load kWh	\$ 0.0397	\$ 0.0243	\$ 0.0102 per customer
Metered Energy Charge	\$ 0.1094	\$ 0.1195	\$ 0.1281 per kWh
All Demand	\$ 9.90	\$12.40	\$15.00

RATE 5:

Monthly Rate:	April 1, 2018	April 1, 2019	April 1, 2020
Service Charge	\$100.00	\$125.00	\$150.00
T&D Charge load kWh	\$ 0.0130	\$ 0.0097	\$ 0.0065 per customer
Metered Energy Charge	\$ 0.1049	\$ 0.1078	\$ 0.1106
First 50 kW of Billing Capacity	\$490.00	\$550.00	\$610.00
Excess Demand	\$ 9.80	\$ 11.00	\$ 12.20

Minimum Charge: The minimum charge in each month shall be the Customer Charge plus the monthly Demand Charge.

Determination of Demand: Where Customer has a demand meter, the Department will measure the maximum 15- minutes kW demand in the billing month as the Billing Demand; Customers without demand meters will be billed for .5 KW per month. Demand meters will be installed on customers with energy use of greater than 300 kWhs per month.

Initially approved: February 5, 2018

Finally approved: March 5, 2018