

ORDINANCE #79 SUPERCEDED BY ORDINANCE #88

**79. ELECTRIC RATE SCHEDULES FOR THE CITY OF GROTON,
DEPARTMENT OF UTILITIES, ELECTRIC DIVISION, CUSTOMERS
(NOVEMBER 4, 1991)**

WHEREAS, the City of Groton, Department of Utilities, Electric Division, has determined that revisions in the Electric Rate Schedules are required to meet the Division's increased revenue requirements, and

WHEREAS, the City of Groton Utilities Commission, on September 19, 1991, conducted a public hearing on the proposed electric rate revisions and have considered all comments presented and correspondence received, and

WHEREAS, the City of Groton Utilities Commission has arrived at revised Electric Rate Schedules after careful consideration, and

WHEREAS, the City of Groton Utility Commission, at a Special Meeting held September 19, 1991, approved the revised Electric Rate Schedules and have recommended their adoption by the City Council, and

WHEREAS, the Mayor and Council, on October 7, 1991, initially approved the revised Electric Rate Schedules,

THEREFORE BE IT RESOLVED the Mayor and Council finally approve the City of Groton, Department of Utilities, Electric Division, revised Electric Rate Schedules with applicable effective dates as follows:

THE CITY OF GROTON DEPARTMENT OF UTILITIES

ELECTRIC RATES

RESIDENTIAL SERVICE

**RATE RS
REPLACING RATES A-3,
A-B AND B-4**

APPLICABLE to the entire electrical requirements in a single-family dwelling and appurtenances, or in an individual apartment, or in common use areas of apartment buildings or condominium buildings where residential usage exceeds 50% of monthly metered energy.

AVAILABLE throughout the service area from existing facilities.

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MONTHLY RATE is the sum of Customer Charge, Energy Charge and any Fuel Charge Adjustment:

Customer Charge:	\$7.20
Energy Charge:	07.45¢ each kWh

FUEL CHARGE ADJUSTMENT applied to every kWh sold is determined from the applicable monthly fuel charge or credit of the Connecticut Municipal Electric Energy Cooperative, the Department's jointly-owned wholesale power supplier. The monthly fuel charge or credit is computed at an approved formula of the Utilities Commission on file in the Department.

MULTIPLE FAMILY DWELLINGS may be served hereunder by increasing the single family dwelling Customer Charge by one- half for each additional family unit served regardless of occupancy.

ELDERLY CUSTOMER DISCOUNT of ten percent of Electric Residential Service bill is available upon acceptance by Department of an Application from a Customer of age 70 or older for that bill discount for Electric Service at that Customer's principal residence.

TERM OF CONTRACT is for one year and thereafter until termination.

RULES AND REGULATIONS of the Department governing service hereunder as to application for service, character of service, connection, seasonal service, disconnection, reconnection, termination, etc., are on file in the Department.

EFFECTIVE DATE with all meter readings taken on December 1, 1991 and thereafter until revised.

**RESIDENTIAL SERVICE
RATE RS**

MONTHLY RATE is the sum of Customer Charge, Energy Charge and any Fuel Charge Adjustment:

Customer Charge:	\$7.35
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Energy Charge: 07.60¢ each kWh

EFFECTIVE DATE With all meter readings taken on July 1, 1992 and thereafter until revised.

Unless otherwise noted, all other provisions of the tariff remain the same.

**RESIDENTIAL SERVICE
RATE RS**

MONTHLY RATE is the sum of Customer Charge, Energy Charge and any Fuel Charge Adjustment:

Customer Charge: \$7.50

Energy Charge: 07.75¢ each kWh

EFFECTIVE DATE With all meter readings taken on July 1, 1993 and thereafter until revised.

Unless otherwise noted, all other provisions of the tariff remain the same.

**SMALL GENERAL SERVICE
RATE SGS
REPLACING RATES B-3 AND C-3A**

APPLICABLE to the entire electrical requirements for light, heat and power on the Customer's premises for which no other rate schedule is applicable.

AVAILABLE throughout the service area from existing facilities.

CHARACTER OF SERVICE Delivery and metering at one standard secondary distribution voltage.

MONTHLY RATE is the sum of Customer Charge, Energy Charge and any Fuel Charge Adjustment:

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Customer Charge:

\$ 7.20 non-measured demand, or
11.20 for measured demand

Energy Charge:

12.86¢ for each kWh;
except, where demand is measured
06.63¢ for each kWh over 100 kWh
per kW of Billing Demand.

FUEL CHARGE ADJUSTMENT applied to every kWh sold is determined from the applicable monthly fuel charge or credit of the Connecticut Municipal Electric Energy Cooperative, the Department's jointly owned wholesale power supplier. The monthly fuel charge or credit is computed at an approved formula of the Utilities Commission on file in the Department.

DETERMINATION OF DEMAND Where Customer has used 300 or more kWh in each of twelve preceding months, the Department will measure the maximum 15 minute kW demand in the billing month as the Billing Demand, which may never be less than one kilowatt.

TERM OF CONTRACT One year and thereafter until thirty days written notice of termination.

RULES AND REGULATIONS of the Department governing service hereunder as to application for service, character of service, connection, seasonal service, disconnection, reconnection, termination, etc., are on file in the Department.

EFFECTIVE DATE With all meter readings taken on December 1, 1991 and thereafter until revised.

**SMALL GENERAL SERVICE
RATE SGS**

MONTHLY RATE is the sum of Customer Charge, Energy Charge and any Fuel Charge Adjustment:

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Customer Charge:

\$ 7.35 non-measured demand, or
\$11.35 for measured demand

Energy Charge:

12.86¢ for each kWh;
except, where demand is measured
06.63¢ for each kWh over 100 kWh
per kW of Billing Demand.

EFFECTIVE DATE With all meter readings taken on July 1, 1992 and thereafter until revised.

Unless otherwise noted, all other provisions of the tariff remain the same.

**SMALL GENERAL SERVICE
RATE SGS**

MONTHLY RATE is the sum of Customer Charge, Energy Charge and any Fuel Charge Adjustment:

Customer Charge:

\$7.50 non-measured demand, or
\$11.50 for measured demand

Energy Charge:

12.86¢ for each kWh;
except, where demand is measured
06.63¢ for each kWh over 100 kWh
per kW of Billing Demand.

EFFECTIVE DATE With all meter readings taken on July 1, 1993 and thereafter until revised.

Unless otherwise noted, all other provisions of the tariff remain the same.

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**MEDIUM GENERAL SERVICE
RATE MGS
REPLACING RATES C-4 AND D-3
(As Well As C-3A Loads Over 50 kW)**

APPLICABLE to the entire electrical requirements for light, heat, and power on the Customer's premises up to 10,000 kilowatts for which no other rate schedule is applicable.

AVAILABLE throughout the service area from existing facilities of adequate character and capacity.

CHARACTER OF SERVICE Delivery and metering at one standard voltage.

MONTHLY RATE is the sum of Service Charge, Demand Charge, Energy Charge and any Fuel Charge adjustment for the appropriate service voltage.

Service Voltage:	<u>Secondary Distribution</u>	<u>Primary Distribution</u>	<u>Subtrans- mission</u>
Customer Charge:	\$11.00	\$100.00	\$250.00
Demand Charge Per kW of Billing Demand:	\$ 7.24	\$ 6.54	\$ 6.04
Reactive Charge Per kVAR of Excess Reactive Demand:	\$ 0.54	\$ 0.49	\$ 0.45
Energy Charge Cents Per kWh:	05.63¢	05.53¢	05.43¢

FUEL CHARGE ADJUSTMENT applied to every kWh sold is determined from the applicable monthly fuel charge or credit of the Connecticut Municipal Electric Energy Cooperative, the Department's jointly owned wholesale power supplier. The monthly fuel charge or credit is computed at an approved formula of the Utilities Commission on file in the Department.

DETERMINATION OF DEMAND The Department will measure the highest 15-minute kW demand in the billing month. Billing Demand shall be the greatest of 1) that measured

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demand to the nearest whole kilowatt, 2) 90% of any excess over 50 kW of the greatest such measured demand in the preceding eleven months, or 3) 50 kilowatts.

DETERMINATION OF REACTIVE DEMAND Where Billing Demand has exceeded 500 kilowatts, the Department will continuously measure the 15-minute kilovar ampere leading or lagging reactive demand. The great leading or lagging reactive demand over 14% of the greatest kilowatt demand in any 15- minute period in the billing month shall be the Excess Reactive Demand.

TERM OF CONTRACT One year and thereafter until thirty days written notice of termination. A longer term may be required for an extensive installation.

RULES AND REGULATIONS of the Department governing service hereunder as to application for service, character of service, connection, seasonal service, disconnection, reconnection, termination, etc., are on file in the Department.

EFFECTIVE DATE With all meter readings taken on December 1, 1991 and thereafter until revised.

**LARGE GENERAL SERVICE
RATE LGS
REPLACING RATES D-4 AND RIDER A**

APPLICABLE to the entire electrical requirements for light, heat, and power on the Customer's premises where load exceeds 10,000 kilowatts.

AVAILABLE throughout the Department's service area from existing facilities of adequate character and capacity.

CHARACTER OF SERVICE Dual feeder delivery and metering at a standard sub-transmission voltage, nominally 33 kv.

MONTHLY RATE is the sum of Demand Charge, Reactive Demand Charge, Energy Charge and any Fuel Charge Adjustment.

Demand Charge: \$26.93 per kilowatt of Billing Demand

Reactive Charge: \$ 0.45 per kilovar of Excess Reactive
Demand

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Energy Charge: 365 kWh per kilowatt of Billing Demand
are priced within the Demand Charge;
additional kWh are at 4.074 cents per kWh

FUEL CHARGE ADJUSTMENT applied to every kWh sold is determined from the applicable monthly fuel charge or credit of the Connecticut Municipal Electric Energy Cooperative, the Department's jointly owned wholesale power supplier. The monthly fuel charge or credit is computed at an approved formula of the Utilities Commission on file in the Department.

DETERMINATION OF DEMAND The Department will continuously measure the 15-minute kilowatt demand in the billing month. Billing Demand shall be the greatest of 1) the greatest such measured demand during the billing month, or 2) 90% of the greatest such Billing Demand in the preceding eleven months, or 3) 10,000 kilowatts.

DETERMINATION OF REACTIVE DEMAND The Department will continuously measure the 15-minute kilovar ampere leading or lagging reactive demand. The greatest leading or lagging reactive demand over 14% of the kilowatt demand in any 15- minute period in the billing month shall be the excess Reactive Demand.

FORCE MAJEURE In a billing month in which Customer's utilization facilities are idled during more than 365 hours by Force Majeure, the energy usage and charge therefor within the Demand Charge shall be prorated to the hours not affected by Force Majeure.

NOTICE OF LOAD CHANGE The Customer shall respond to any written request from the Department concerning forecasts of the Customer's load.

INTERRUPTIBLE LOAD is defined as a block of power identified by the Department as to amount and price and assigned to a Rate LGS Customer for a specified period. A Rate LGS Customer electing such additional service agrees to provide Department 24 hours notice of its election and to reduce its total load to its normal Billing Demand level within one hour of notification by the Department. The Billing Demand will thereafter include any portion of the Interruptible Load not timely reduced.

**SELF GENERATION BACKUP POWER, AUXILIARY POWER and/or
MAINTENANCE POWER** is available from the Department under an Addendum to the service agreement of a Rate LGS Customer who agrees to use its best efforts, whether by load curtailment or by operation of Customer's generation, to reduce its

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total load imposed upon the Department during any significant capacity limitation by the Department's supplier, CMEEC.

TERM OF CONTRACT One year and thereafter until canceled by six months written notice. A longer term may be required for an extensive installation.

RULES AND REGULATIONS of the Department governing service hereunder as to application for service, character of service, connection, seasonal service, disconnection, reconnection, termination, etc., are on file in the Department.

EFFECTIVE DATE With all meter readings taken on December 1, 1991 and thereafter until revised.

**STREET AND AREA LIGHTING SERVICE
RATE SAL
REPLACING RATE L-1**

APPLICABLE to public or private Customers for standard street and area lighting installations provided and maintained by the Department to render 4,000 annual hours of lighting.

Overhead installation is a light fixture attached to an

existing overhead distribution system pole. Underground installation is a light fixture attached to a new pole served from an existing underground distribution system.

AVAILABLE throughout the service area from existing facilities.

MONTHLY RATE is the sum of Light Charge and any Fuel Charge Adjustment:

Per Light Charge

Light Rating in Lumens,

Watts and Type

Overhead

Underground

Incandescent

600 L, 60W Red Fire Alarm	\$ 3.35	NA
1,000 L, 92W	\$4.19 NNI	NA
7,100 L, 500W Floodlight	\$18.02	NA

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Mercury Vapor

3,000 L, 100W	\$5.03 NNI	\$8.77 NNI
7,000 L, 175w	\$8.38 NNI	\$10.97 NNI
10,000 L, 250W	\$10.06 NNI	NA
20,000 L, 400W	\$13.41 NNI	NA

High Pressure Sodium

4,000 L, 50W	\$4.66	NA
5,800 L, 70W	\$6.14	\$10.31
9,500 L, 100W	\$9.04	NA
16,000 L, 150W	\$11.08	\$15.90
22,000 L, 200W	\$12.48	NA
50,000 L, 400W	\$17.67	NA
27,000 L, 250W Floodlight	\$15.65	NA
50,000 L, 400W Floodlight	\$17.67	NA

NA - Never Available

NNI - No New Installation

FUEL CHARGE ADJUSTMENT applied to every kWh sold is determined from the applicable monthly fuel charge or credit of the Connecticut Municipal Electric Energy Cooperative, the Department's jointly owned wholesale power supplier. The monthly fuel charge or credit is computed at an approved formula of the Utilities Commission on file in the Department.

CONTRACT TERM is three years for each overhead lighting installation and five years for each underground lighting installation.

RULES AND REGULATIONS of the Department governing service hereunder as to application for service, character of service, connection, seasonal service, disconnection, reconnection, termination, etc., are on file in the Department.

EFFECTIVE DATE with all bills issued for service taken on December 1, 1991 and thereafter until revised.

**COGENERATION AND SMALL GENERATION POWER PURCHASE
RATE P1**

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AVAILABILITY This purchase arrangement is available to any qualifying facility under Title 18, code of Federal Regulations, Part 292, Subpart B, with generating capacity up to 100 KW.

CUSTOMER CHARGES The Department shall install, maintain and read the meters necessary to measure the flow of energy from the qualifying facility to the Department. The monthly charge to the customer for reading and administrative handling shall be \$3.00.

PURCHASE OF CUSTOMER GENERATION The Department will purchase electricity supplied by the qualifying facility at a price equal to 95.0% of the Department's average avoided costs for kilowatt hour energy the second month preceding the purchase month. Avoided costs to the Department are the costs of generating the kilowatt hour energy itself or purchasing the kilowatt hour energy elsewhere. Kilowatt hour energy costs will be expressed in cents per kilowatt hour.

Where the metering facilities are on the customer's side of the transformer, the metered energy shall be reduced by 0.35% to determine the Department's purchase.

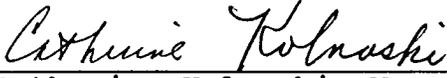
TERM OF CONTRACT One year and thereafter until terminated by one month's written notice from the qualifying facility. Failure to comply with provisions set forth in the Department's Co-generation and small power generators policy number 2030, will result in immediate termination of this contract by the Department.

RULES AND REGULATIONS of the Department governing service hereunder as to application for service, character of service, connection, seasonal service, disconnection, reconnection, termination, etc., are on file in the Department.

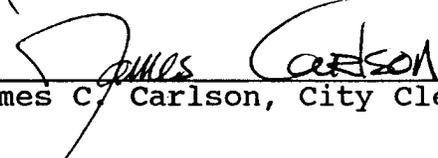
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EFFECTIVE DATE. With all meter readings taken on December 1, 1991 and thereafter until revised.

Initially approved: October 7, 1991
Finally approved: November 4, 1991



Catherine Kolnaski, Mayor



James C. Carlson, City Clerk