

**ORDINANCE #88 SUPERCEDED BY ORDINANCE #91**

**88. REVISED ELECTRIC RATE SCHEDULES FOR THE CITY OF GROTON,  
DEPARTMENT OF UTILITIES, ELECTRIC DIVISION, CUSTOMERS  
(FEBRUARY 1, 1993)**

**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 purchased power costs from its wholesale supplier, the Connecticut Municipal Electric Energy Cooperative (CMEEC), and

**WHEREAS**, the City of Groton Utility Commission, on December 17, 1992, conducted a public hearing on the proposed rate revisions and has considered all comments presented and correspondence received, and

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

**WHEREAS**, the City of Groton Utility Commission, at a special meeting held December 17, 1992, approved the revised Electric Rate Schedules and have recommended the City Council adopt the revised Electric Rate Schedules with applicable effective dates as follows:

**THE CITY OF GROTON, DEPARTMENT OF UTILITIES  
ELECTRIC RATE**

**Residential Service**

**Rate: RS**

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.

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

Customer Charge:	\$7.35
Energy Charge:	7.76 cents each kWh

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PURCHASED POWER ADJUSTMENT applied to every kWh sold is based on any difference between current and base unit Demand Charge, Energy Charge, and Fuel Cost of the jointly-owned wholesale power supplier of the Department, Connecticut Municipal Electric Energy Cooperative, all as set forth in Appendix B of the Department's Rules and Regulations.

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 billings on and after March 1, 1993, and thereafter until revised.

**THE CITY OF GROTON DEPARTMENT OF UTILITIES  
ELECTRIC RATE**

**Small General Service**

**Rate: SGS**

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 Purchased Power Adjustment:

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Customer Charge:

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

Energy Charge:

13.02 cents for each kWh; except, where demand is measured,  
6.79 cents for each kWh over 100 kWh per kW of Billing Demand

PURCHASED POWER ADJUSTMENT applied to every kWh sold is based on any difference between current and base unit Demand Charge, Energy Charge, and Fuel Cost of the jointly-owned wholesale power supplier of the Department, Connecticut Municipal Electric Energy Cooperative, all as set forth in Appendix B of the Department's Rules and Regulations.

DETERMINATION OF DEMAND: Where Customer has used 300 kWh in each of twelve preceding months, the Department will measure the maximum 15-minutes 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 billings on and after March 1, 1993, and thereafter until revised.

**THE CITY OF GROTON, DEPARTMENT OF UTILITIES  
ELECTRIC RATE**

**Medium General Service**

**Rate: MGS**

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.

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MONTHLY RATE is the sum of Service Charge, Demand Charge, Energy Charge, and any Purchased Power Adjustment for the appropriate service voltage.

Voltage:	<u>Secondary Distribution</u>	<u>Primary Distribution</u>	<u>Subtransmission Service</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 Reaction Demand:	\$ 0.54	\$ 0.49	\$ 0.45
Energy Charge Cents Per kWh:	5.79 cts	5.69 cts	5.59 cts

PURCHASED POWER ADJUSTMENT applied to every kWh sold is based on any difference between current and base unit Demand Charge, Energy Charge, and Fuel Cost of the jointly-owned wholesale power supplier of the Department, Connecticut Municipal Electric Energy Cooperative, all as set forth in Appendix B of the Department's Rules and Regulations.

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

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EFFECTIVE DATE: With all billings on and after March 1, 1993, and thereafter until revised.

**THE CITY OF GROTON, DEPARTMENT OF UTILITIES  
ELECTRIC RATE**

**Large General Service**

**Rate: LGS**

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 Purchased Power Adjustment.

Demand Charge: \$27.50 per kilowatt of Billing Demand

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

Energy Charge: 365 kWh per kilowatt of Billing Demand are  
priced within the Demand Charge; additional  
kWh are at 4.230 cents per kWh

PURCHASED POWER ADJUSTMENT applied to every kWh sold is based on any difference between current and base unit Demand Charge, Energy Charge, and Fuel Cost of the jointly-owned wholesale power supplier of the Department, Connecticut Municipal Electric Energy Cooperative, all as set forth in Appendix B of the Department's Rules and regulations.

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

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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 the 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 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 cancelled 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 billings on and after March 1, 1993, and thereafter until revised.

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**THE CITY OF GROTON, DEPARTMENT OF UTILITIES  
ELECTRIC RATE**

**Street and Area Lighting Service      Rate: SAL**

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 Purchased Power Adjustment:

<u>Light Rating in Lumens, Watts and Type</u>	<u>Overhead</u>	<u>Per Light Charge Underground</u>
<u>Incandescent</u>		
600 L, 60W Red Fire Alarm	\$3.38	NA
1,000 L, 92W	\$4.24 NNI	NA
7,000 L, 500W Floodlight	\$18.29 NNI	NA
<u>Mercury Vapor</u>		
3,000 L, 100W	\$5.08 NNI	\$ 8.82 NNI
7,000 L, 175W	\$8.47 NNI	\$11.06 NNI
10,000 L, 250W	\$10.19 NNI	NA
20,000 L, 400W	\$13.62 NNI	NA
<u>High Pressure Sodium</u>		
4,000 L, 50W	\$4.69	NA
5,800 L, 70W	\$6.18	\$10.35
9,500 L, 100W	\$ 9.09	NA
16,000 L, 150W	\$11.16	\$16.01
22,000 L, 200W	\$12.59	NA
50,000 L, 400W	\$17.88	NA

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27,000 L, 250W Floodlight	\$15.78	NA
50,000 L, 400W Floodlight	\$17.88	NA
<u>Metal Halide</u>		
12,000 L, 175W	NA	\$13.50

NA - Never Available  
NNI - No New Installation

PURCHASED POWER ADJUSTMENT applied to every kWh sold is based on any difference between current and base unit Demand Charge, Energy Charge, and Fuel Cost of the jointly-owned wholesale power supplier of the Department, Connecticut Municipal Electric Energy Cooperative, all as set forth in Appendix B of the Department's Rules and Regulations.

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.

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<u>Light Rating in Lumens, Watts and Type</u>	<u>Overhead</u>	<u>Per Light Charge Underground</u>
<u>Incandescent</u>		
600 L, 60W Red Fire Alarm	\$ 3.38	NA
1,000 L, 92W	\$ 4.24 NNI	NA
7,000 L, 500W Floodlight	\$18.29 NNI	NA
<u>Mercury Vapor</u>		
3,000 L, 100W	\$ 5.08 NNI	\$ 8.82 NNI
7,000 L, 175W	\$ 8.47 NNI	\$11.06 NNI
10,000 L, 250W	\$10.19 NNI	NA
20,000 L, 400W	\$13.62 NNI	NA
<u>High Pressure Sodium</u>		
4,000 L, 50W	\$ 6.61	NA
5,800 L, 70W	\$ 7.25	\$11.42
9,500 L, 100W	\$ 9.09	NA
16,000 L, 150W	\$11.16	\$16.01
22,000 L, 200W	\$12.59	NA
50,000 L, 400W	\$17.88	NA
27,000 L, 250W Floodlight	\$15.78	NA
50,000 L, 400W Floodlight	\$17.88	NA
<u>Metal Halide</u>		
12,000 L, 175W	NA	\$13.50

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EFFECTIVE DATE: With all billings on and after July 1, 1993, and thereafter until revised.

Initially approved: January 4, 1993  
Finally approved: February 1, 1993

  
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Catherine Kolnaski, Mayor

  
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James C. Carlson, City Clerk