



NORWICH BOARD OF PUBLIC UTILITIES' COMMISSIONERS
REGULAR MEETING
May 28, 2013

The Regular May Meeting of the Norwich Board of Public Utilities' Commissioners was held on Tuesday, May 28, 2013 in the 2nd Floor Board Room of Norwich Public Utilities (NPU) located at 16 South Golden Street, Norwich, Connecticut.

Item 1. The Meeting was called to order at 6:00 p.m. by Chairman James Sullivan.

Present: Chairman James Sullivan, Vice Chairman Diana Boisclair, Secretary Larry Goldman, Commissioner Robert Groner and Commissioner Grace Jones. Also in attendance were: General Manager John Bilda; NPU Staff Members Chris LaRose, Steve Sinko, Jeff Brining, Mark Greene, Mark Decker, Randy Black, Jeanne Kurasz and Michele Addabbo.

Item 2. Fifteen-Minute Public Comment Period. None.

Item 3. Minutes of the Regular April Meeting held on Tuesday, April 23, 2013. Secretary Goldman, seconded by Commissioner Groner moved to approve the Minutes of the Regular April Meeting held on Tuesday, April 23, 2013, as written. Unanimously approved.

Item 4. Action Items

a) Approval of FY2014 Budget. Commissioner Jones, seconded by Secretary Goldman moved to approve the FY2014 budget. Unanimously approved.

b) Approval of Electric Rates. Commissioner Groner, seconded by Secretary Goldman moved to approve the Electric Rates as presented. Unanimously approved.

**NORWICH PUBLIC UTILITIES
ELECTRIC SERVICE RATES**

ELECTRIC RESIDENTIAL SERVICE - RATE ERES

AVAILABILITY: Single-phase electric service for all year-round use in the dwelling and associated equipment of a single private family for its household requirements.

RATE:

Customer Charge, Per Month = \$10.70

Electricity Used:

First 1,000 kWh per Month @ \$0.11911 per kWh

All over 1,000 kWh per Month @ \$0.11469 per kWh

ELECTRIC CAPITAL TRACKER: @ \$0.00129 per kWh

PURCHASED POWER ADJUSTMENT:

The Purchased Power Adjustment Rate will be applied to all kWh billed.

ENERGY EFFICIENCY FUND

A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund.

MINIMUM CHARGE: The minimum charge is the customer charge of \$10.70 per month.

ELECTRIC SMALL COMMERCIAL (Non-Manufacturers) - RATE ESC

AVAILABILITY: Available to Commercial and Industrial customers and Houses of Worship for lighting, heating, cooling, refrigeration, and power uses, where distribution facilities are suitable for the service requested, and where the load does not exceed 10 kW as measured or as otherwise determined by the Utility.

For Houses of Worship only, the demand may exceed 10 kW.

RATE:

Customer Charge, Per Month = \$13.24

Electricity Used:

First 750 kWh Per Month @ \$0.13943 per kWh

All over 750 kWh Per Month @ \$0.13138 per kWh

ELECTRIC CAPITAL TRACKER: @ \$0.00132 per kWh

PURCHASED POWER ADJUSTMENT:

The Purchased Power Adjustment Rate will be applied to all kWh billed.

ENERGY EFFICIENCY FUND:

A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund.

MINIMUM CHARGE: The minimum charge is the customer charge of \$13.24 per month.

ELECTRIC SMALL COMMERCIAL (Manufacturers) - RATE ESCGRC

AVAILABILITY: Available to Commercial and Industrial customers classified as Manufacturers under applicable State Law where distribution facilities are suitable for the service requested, and where the load does not exceed 10 kW as measured or as otherwise determined by the Utility.

RATE:

Customer Charge, Per Month = \$12.11

Electricity Used:

First 750 kWh Per Month @ \$0.13411 per kWh

All over 750 kWh Per Month @ \$0.12673 per kWh

ELECTRIC CAPITAL TRACKER: @ \$0.00120 per kWh

PURCHASED POWER ADJUSTMENT:

The Purchased Power Adjustment Rate will be applied to all kWh billed.

ENERGY EFFICIENCY FUND:

A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund.

MINIMUM CHARGE: The minimum charge is the customer charge of \$12.11 per month.

ELECTRIC COMMERCIAL AND INDUSTRIAL (Non-Manufacturers) - RATE EC

AVAILABILITY: Available to Commercial and Industrial customers for lighting, heating, cooling, refrigeration and power uses, where distribution facilities are suitable for the service requested and where the load exceeds 10 kW.

RATE:

Demand Charge:

Minimum Charge First 10 kW = \$62.50

All excess kW demand @ \$6.25 per kW

Electricity Used:

First 150 kWh per kW of billing demand requirements per month @ \$0.11124 per kWh

All excess kWh @ \$0.08857 per kWh

ELECTRIC CAPITAL TRACKER: @ \$0.00132 per kWh

PURCHASED POWER ADJUSTMENT:

The Purchased Power Adjustment Rate will be applied to all kWh billed.

ENERGY EFFICIENCY FUND:

A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund.

MINIMUM CHARGE: The minimum charge is the minimum demand charge of \$62.50 per month.

PRIMARY METERING: Where the service is metered at the Utilities' primary voltage, all kWh readings will be reduced by 2% to obtain billing quantities.

DETERMINATION OF THE DEMAND REQUIREMENTS: The demand charge will be based on the greatest 15-minute kW demand requirement within the current billing month measured by suitable demand metering devices or as otherwise determined by the Utility, but not less than 80% of the highest demand

measured in the 11 months prior to the billing month, nor less than 10 kW.

ELECTRIC COMMERCIAL AND INDUSTRIAL (Manufacturers) - RATE ECGRC

AVAILABILITY: Available to Commercial and Industrial customers classified as Manufacturers under applicable State Law where distribution facilities are suitable for the service requested and where the load exceeds 10 kW.

RATE:

Demand Charge:

Minimum Charge First 10 kW = \$62.50
All excess kW demand @ \$6.25 per kW

Electricity Used:

First 150 kWh per kW of billing demand requirements per month @ \$0.10617 per kWh
All excess kWh @ \$0.08543 per kWh
ELECTRIC CAPITAL TRACKER: @ \$0.00120 per kWh

PURCHASED POWER ADJUSTMENT:

The Purchased Power Adjustment Rate will be applied to all kWh billed.

ENERGY EFFICIENCY FUND:

A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund.

MINIMUM CHARGE: The minimum charge is the minimum demand charge of \$62.50 per month.

PRIMARY METERING: Where the service is metered at the Utilities' primary voltage, all kWh readings will be reduced by 2% to obtain billing quantities.

DETERMINATION OF THE DEMAND REQUIREMENTS: The demand charge will be based on the greatest 15-minute kW demand requirement within the current billing month measured by suitable demand metering devices or as otherwise determined by the Utility, but not less than 80% of the highest demand measured in the 11 months prior to the billing month, nor less than 10 kW.

ELECTRIC LARGE COMMERCIAL AND INDUSTRIAL (Non-Manufacturers) - RATE EP

AVAILABILITY: Available to large Industrial or Commercial customers with an actual demand of 100 KVA or larger for power, lighting, heating, refrigeration and cooling uses, where distribution facilities are suitable for the service requested.

RATE:

Demand Charge:

For any part of the first 100 KVA demand requirements per month = \$758.00
For all excess KVA demand requirements per month @ \$7.58 per KVA

Electricity Used:

First 250 kWh per KVA of billing demand requirements per month @ \$0.08846 per kWh
All excess kWh @ \$0.05793 per kWh
ELECTRIC CAPITAL TRACKER: @ \$0.00132 per kWh

PURCHASED POWER ADJUSTMENT:

The Purchased Power Adjustment Rate will be applied to all kWh billed.

ENERGY EFFICIENCY FUND:

A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund.

MINIMUM CHARGE: The minimum charge is the minimum demand charge of \$758.00 per month.

PRIMARY METERING: Where the service is metered at the Utilities' primary voltage, all kWh readings will be reduced by 2% to obtain billing quantities.

DETERMINATION OF THE DEMAND REQUIREMENTS: The demand charge will be based on the greatest 15-minute KVA demand requirement within the current billing month measured by suitable demand metering devices or as otherwise determined by the Utility, but not less than 80% of the highest demand measured in the 11 months prior to the billing month, nor less than 100 KVA.

FACILITIES OWNERSHIP DISCOUNT: If the service is taken at primary distribution voltage and Norwich Public Utilities is relieved of installing the service transformers and substation equipment, except the metering equipment, a credit shall be applied to the bill equal to \$0.51597 per KVA of demand requirements.

ELECTRIC LARGE COMMERCIAL AND INDUSTRIAL (Manufacturers) - RATE EPGRC

AVAILABILITY: Available to large Industrial or Commercial customers classified as Manufacturers under applicable State Law with an actual demand of 100 KVA or larger for power, lighting, heating, refrigeration and cooling uses, where distribution facilities are suitable for the service requested.

RATE:

Demand Charge:

For any part of the first 100 KVA demand requirements per month = \$758.00
For all excess KVA demand requirements per month @ \$7.58 per KVA

Electricity Used:

First 250 kWh per KVA of billing demand requirements per month @ \$0.08587 per kWh
All excess kWh @ \$0.05793 per kWh

ELECTRIC CAPITAL TRACKER:

@ \$0.00120 per kWh

PURCHASED POWER ADJUSTMENT:

The Purchased Power Adjustment Rate will be applied to all kilowatt hours billed.

ENERGY EFFICIENCY FUND:

A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund.

MINIMUM CHARGE: The minimum charge is the minimum demand charge of \$758.00 per month.

PRIMARY METERING: Where the service is metered at the Utilities' primary voltage, all kilowatt hour readings will be reduced by 2% to obtain billing quantities.

DETERMINATION OF THE DEMAND REQUIREMENTS: The demand charge will be based on the greatest 15-minute KVA demand requirement within the current billing month measured by suitable demand metering devices or as otherwise determined by the Utility, but not less than 80% of the highest demand measured in the 11 months prior to the billing month, nor less than 100 KVA.

FACILITIES OWNERSHIP DISCOUNT: If the service is taken at primary distribution voltage and Norwich Public Utilities is relieved of installing the service transformers and substation equipment, except the metering equipment, a credit shall be applied to the bill equal to \$0.47212 per KVA of demand requirements.

ELECTRIC GENERAL CITY USE - RATE EGC

AVAILABILITY: Available only to the City of Norwich and its Utility Departments for all uses except street and traffic lights.

RATE:

All kWh = \$0.10881 per kWh

ELECTRIC CAPITAL TRACKER:

@ \$0.00132 per kWh

PURCHASED POWER ADJUSTMENT:

The Purchased Power Adjustment Rate will be applied to all kWh billed.

ENERGY EFFICIENCY AND LOAD MANAGEMENT FUND:

A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund.

ELECTRIC STATE TRAFFIC LIGHTS AND UNMETERED SERVICES - RATE ESTL

AVAILABILITY: Available to the State of Connecticut for traffic lights and other unmetered services.

RATE:

All kWh = \$0.16188 per kWh

ELECTRIC CAPITAL TRACKER:

@ \$0.00132 per kWh

PURCHASED POWER ADJUSTMENT:

The Purchased Power Adjustment Rate will be applied to all kWh billed.

ENERGY EFFICIENCY FUND:

A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund.

ELECTRIC CITY TRAFFIC LIGHTS - RATE ECTL

AVAILABILITY: Available only to the City of Norwich for traffic lights.

RATE:

All kWh

= \$0.12126 per kWh

ELECTRIC CAPITAL TRACKER:

@ \$0.00132 per kWh

PURCHASED POWER ADJUSTMENT:

The Purchased Power Adjustment Rate will be applied to all kWh billed.

ENERGY EFFICIENCY FUND:

A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund.

ELECTRIC CITY STREET LIGHTING - RATE ECSL

AVAILABILITY: Available only to the City of Norwich for street lighting purposes.

RATE:

All kWh

= \$0.15524 per kWh

ELECTRIC CAPITAL TRACKER:

@ \$0.00132 per kWh

PURCHASED POWER ADJUSTMENT:

The Purchased Power Adjustment Rate will be applied to all kWh billed.

ENERGY EFFICIENCY FUND:

A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund.

ELECTRIC PRIVATE AREA LIGHTING - RATE EPAL

AVAILABILITY: Available to customers for lighting purposes.

RATE:

	Rate per kWh	kWh Per Light
EPAL-20 70W Hi Pressure Sodium / Metal Halide	\$0.31367	29
EPAL-16 100W Hi Pressure Sodium / Metal Halide	\$0.25284	42
EPAL-17 150W Hi Pressure Sodium / Metal Halide	\$0.22497	62
EPAL-18 250W Hi Pressure Sodium / Metal Halide	\$0.15743	106
EPAL-19 400W Hi Pressure Sodium / Metal Halide	\$0.13717	163
EPAL-23* 100W Mercury Vapor	\$0.24767	43
EPAL-24* 175W Mercury Vapor	\$0.20171	77
EPAL-26* 250W Mercury Vapor	\$0.15789	105
EPAL-27* 400W Mercury Vapor	\$0.13640	161
EPAL-28* 700W Mercury Vapor	\$0.19370	288
EPAL-25* 1000W Mercury Vapor	\$0.11477	411

* Not available to new customers

ELECTRIC CAPITAL TRACKER:

@ \$0.00132 per kWh

PURCHASED POWER ADJUSTMENT:

The Purchased Power Adjustment Rate will be applied to all kWh billed.

ENERGY EFFICIENCY FUND:

A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund.

MINIMUM CHARGE: The minimum charge shall be the Rate per kWh multiplied by the applicable kWh per Light consumption.

ELECTRIC CAPITAL TRACKER: A charge will be applied to all billed kWh consumption to recover the costs of investment in Capital Infrastructure. This charge will be reviewed and adjusted periodically as necessary through applicable rate adjustment processes and procedures to reflect the funding needs of specific capital projects as approved by the Board of Public Utilities Commissioners. This tracker will reflect all

applicable taxes.

PURCHASED POWER ADJUSTMENT: Electric rates include a base power cost. The Purchased Power Adjustment Charge or Credit applied will be the actual power costs billed to Norwich Public Utilities by its Wholesale Supplier less the amount of purchased kWh priced at the base power cost. The total Purchased Power Adjustment Charge or Credit will be adjusted to reflect all applicable taxes.

ENERGY EFFICIENCY FUND: A charge will be applied to all billed kWh consumption to recover the costs of investment in renewable energy resources and energy efficiency and load reduction initiatives through the NPU Energy Efficiency Fund. This charge will be reviewed and adjusted periodically as necessary to meet funding needs, to comply with applicable State of Connecticut legislative requirements and to reflect all applicable taxes.

MINIMUM CHARGE: All active electric accounts having no electricity use charges will be billed a minimum charge. This minimum charge covers costs associated with service requirements, including metering, maintenance and infrastructure costs.

LATE CHARGE FEE: A penalty charge equal to 1.5% of the unpaid balance compounded monthly is added to all bills not paid within 25 days of the billing date.

EFFECTIVE: For bills rendered on or after July 1, 2013

c) Approval of Gas Rates. Secretary Goldman, seconded by Commissioner Jones moved to approve the Gas Rates as presented. Unanimously approved.

**NORWICH PUBLIC UTILITIES
NATURAL GAS SERVICE RATES**

RESIDENTIAL GAS SERVICE RATE GR	GENERAL GAS SERVICE RATE GG
<p>AVAILABILITY Gas service for all year-round use in the dwelling and appurtenances of a single private family for its household requirements.</p> <p>RATE Customer Charge \$14.00/month Commodity Charge: First 30 Ccf/month @\$1.3200/Ccf All over 30 Ccf/month @\$1.0888/Ccf GAS CAPITAL TRACKER @\$0.17750/Ccf</p> <p>PURCHASED GAS ADJUSTMENT The Purchased Gas Adjustment Rate (PGA) will be applied to all Ccf billed.</p> <p>GAS EFFICIENCY FUND A charge will be applied to all billed Ccf consumption to recover the costs of investment in gas efficiency and load reduction initiatives through the NPU Gas Efficiency Fund.</p> <p>MINIMUM CHARGE The minimum charge shall be the Customer Service Charge of \$14.00 per month.</p> <p>PENALTY A monthly penalty charge equal to 1.5% of the unpaid balance not paid within 25 days of the billing date.</p>	<p>AVAILABILITY Available for all gas use by Commercial and Industrial customers where distribution facilities are suitable for the services required.</p> <p>RATE Customer Charge \$44.00/month Commodity Charge: First 200 Ccf/month @\$1.1515/Ccf All over 200 Ccf/month @\$1.0115/Ccf GAS CAPITAL TRACKER @\$0.17959/Ccf</p> <p>PURCHASED GAS ADJUSTMENT The Purchased Gas Adjustment Rate (PGA) will be applied to all Ccf billed.</p> <p>GAS EFFICIENCY FUND A charge will be applied to all billed Ccf consumption to recover the costs of investment in gas efficiency and load reduction initiatives through the NPU Gas Efficiency Fund.</p> <p>MINIMUM CHARGE The minimum charge shall be the Customer Service Charge of \$44.00 per month.</p> <p>PENALTY A monthly penalty charge equal to 1.5% of the unpaid balance not paid within 25 days of the billing date.</p>
COMMERCIAL AND INDUSTRIAL GAS SPACE HEATING RATE GSH	GENERAL CITY GAS SERVICE RATE GCG

<p>AVAILABILITY Available to any Commercial and Industrial customer for separately metered gas space heating and air conditioning gas service. Water heating may also be included if the entire building is heated with gas. The term of availability of this rate shall be for 12 months and yearly thereafter.</p> <p>RATE Customer Charge \$44.00/month Commodity Charge: All Ccf/month @\$1.0115/Ccf GAS CAPITAL TRACKER @\$0.17959/Ccf PURCHASED GAS ADJUSTMENT The Purchased Gas Adjustment Rate (PGA) will be applied to all Ccf billed.</p> <p>GAS EFFICIENCY FUND A charge will be applied to all billed Ccf consumption to recover the costs of investment in gas efficiency and load reduction initiatives through the NPU Gas Efficiency Fund.</p> <p>MINIMUM CHARGE The minimum charge shall be the Customer Service Charge of \$44.00 per month.</p> <p>PENALTY A monthly penalty charge equal to 1.5% of the unpaid balance not paid within 25 days of the billing date.</p>	<p>AVAILABILITY Available only to Departments of the City of Norwich for all gas use.</p> <p>RATE All gas uses per month @\$1.1719/Ccf GAS CAPITAL TRACKER @\$0.17959/Ccf PURCHASED GAS ADJUSTMENT The Purchased Gas Adjustment Rate (PGA) will be applied to all Ccf billed.</p> <p>GAS EFFICIENCY FUND A charge will be applied to all billed Ccf consumption to recover the costs of investment in gas efficiency and load reduction initiatives through the NPU Gas Efficiency Fund.</p>
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GAS CAPITAL TRACKER: A charge will be applied to all billed Ccf consumption to recover the costs of investment in Capital Infrastructure. This charge will be reviewed and adjusted periodically as necessary through applicable rate adjustment processes and procedures to reflect the funding needs of specific capital projects as approved by the Board of Public Utilities Commissioners. This tracker will reflect all applicable taxes.

PURCHASED GAS ADJUSTMENT: Gas rates include a base purchased gas cost. The Purchased Gas Adjustment (Charge or Credit) applied will be based on the actual wholesale gas costs billed to Norwich Public Utilities by their Wholesale Supplier(s) less the amount of gas purchased priced at the base purchased gas cost. The Purchased Gas Adjustment will be adjusted to reflect all applicable taxes.

GROSS REVENUE TAX DISCOUNT - A Gross Revenues Tax Discount is available to Commercial and Industrial customers classified as Manufacturers under applicable State Law.

GAS EFFICIENCY FUND: A charge will be applied to all billed Ccf consumption to recover the costs of investment in gas efficiency and load reduction initiatives through the NPU Gas Efficiency Fund. This charge will be reviewed and adjusted periodically as necessary to meet funding needs, to comply with any applicable State of Connecticut legislative requirements and to reflect all applicable taxes.

MINIMUM CHARGE: All active gas accounts having no gas use charges will be billed a minimum charge. This minimum charge covers costs associated with service requirements, including metering, maintenance and infrastructure costs.

LATE CHARGE FEE: A penalty charge equal to 1.5% of the unpaid balance compounded monthly is added to all bills not paid within 25 days of the billing date.

EFFECTIVE: For bills rendered on or after July 1, 2013

Item 5. Financial Report. Steve Sinko updated the Board on NPU's financial report. Informative.

Item 6. Strategic Presentations.
a) Gas Expansion Update. Chris LaRose gave an update to the Board on Gas Expansion. Discussion followed. Informative.
b) Community Activity Presentation. Jeanne Kurasz presented the Board with information on NPU in the community. Informative.

Item 7. General Business. None.

Item 8. Executive Session. The Board did not enter into Executive Session.

Item 9. Other Business. General Manager Bilda spoke to the Board and asked for approval on a Department of Energy and Environmental Protection certifying resolution. Commissioner Jones, seconded by Commissioner Groner moved to approve the following resolution. Unanimously approved.

Certified Resolution

Be it resolved that it is in the best interests of the Norwich Public Utilities of Norwich, Connecticut to enter into contracts with the Department of Energy and Environmental Protection.

In furtherance of this resolution, John Bilda the General Manager is duly authorized to enter into and sign said contracts on behalf of the Norwich Public Utilities of Norwich, Connecticut. John Bilda currently holds the General Manager and has held that office since January 2006. The General Manager is further authorized to provide such additional information and execute such other documents as may be required by the local, state or federal government in connection with said contracts and to execute any amendments, rescissions, and revisions thereto.

Item 10. The next Regular Meeting is scheduled to be held on Tuesday, June 25, 2013. Commissioner Jones, seconded by Commissioner Groner moved to adjourn the Meeting at 7:13 p.m.

Attest:

Larry Goldman, Secretary