

Utility Rebates

*Services and Funding to Help Build “Green”
Restaurants and Hospitality Facilities*

Tom Coughlin
Program Manager

National Grid – Who are we?

- ◆ We serve 3.3 Million Electric and 3.4 Million Gas Distribution Customers across New York, Massachusetts, Rhode Island and New Hampshire.

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The Nation

sketches business incentives

Buildings: Energy and Environment

- ◆ Use 1/3 of the Nation's primary energy. (This becomes over 50% when taking into account the energy use of the infrastructure needed to support buildings.)
- ◆ Use 2/3 of the Nation's electricity and 1/3 greenhouse gas emissions



Markets
The US dollar
0.9955 euro
no change
10-year Treasury
4.15% ▲ 0.09
Bloomberg
Mass

Fund firm to cut staff
Pioneer Investment
of the oldest
plans

Business

the midterm
astronaut who
said: "To hold
to speak out
action. Glenn
statement over the
and to establish a
committee. "It's
I think he's pro
I don't know

Efficiency Programs Benefit the Environment – What our customers have saved since 1992

- ◆ Equivalent savings in electricity to supply 45,000 homes a year
 - ◆ Reduced smoke stack emissions since 1992
 - ✓ 78,000 Tons Coal Reduction
 - ✓ 245,000 Tons CO₂
 - ✓ 1,900 Tons SO₂
 - ✓ 650 Tons NOX
-

Gas Program Offerings in Rhode Island



- ◆ Gas Networks provides incentives for:
 - ◆ High efficiency gas furnaces and boilers
 - ◆ Energy Star® labeled programmable thermostats
 - ◆ High Efficiency on-demand tankless hot water heaters
 - ◆ Indirect water heaters
 - ◆ Gas-fired low intensity infrared heating units
 - ◆ **Energy Star® labeled gas-fired fryers**

Gas Program Offerings in Rhode Island

- ◆ Energy Expertssm
 - ◆ Audit services
 - ◆ Engineering grants
 - ◆ High-efficiency heating incentives
 - ◆ High Efficiency Heating Systems for a broad range of steam and hydronic boilers, furnaces
 - ◆ High Efficiency indirect fired and on-demand tankless domestic hot water heaters
 - ◆ Thermostats
 - ◆ Steam Trap Replacement
 - ◆ Boiler Reset Controls
 - ◆ Pipe/Duct Insulation
 - ◆ Custom incentives for comprehensive building measures
 - ◆ CALL 1-800-843-3636 for more information



Commercial High-Efficiency Heating and Water Heating Program

Rebate amounts (per unit installed):

- **\$100** for a 92% AFUE furnace
- **\$400** for a 92% AFUE furnace (with ECM motor)
- Up to **\$6,000** for a 2MM Btu input condensing boiler
- **\$300** for On-Demand Tankless Water Heater

Other Prescriptive Improvements

- Boiler Reset (multi stage \$250, 1 stage \$150)
- Steam Traps \$25 (limit 100)
- Programmable Thermostats \$25

High Efficiency Kitchens

Call to get a **FREE AUDIT**

1-800-843-3636

Save on Hot Water

Tankless Hot Water Heater

**Energy Star/High eff Fryers-
\$1000**

Pre Rinse Spray Valves



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Custom Energy Savings Plan

- Rebate based on therm savings and type of measures installed.
- Up to 50% of the cost of measures
- Max rebate of \$100K per project
- Most energy efficient gas projects are eligible (co-gen, EMS, natural gas cooling, all types of insulation, windows, doors, etc.).
- Requires Pre-Approval



TransForm Pharmaceuticals – Lexington, MA

Waster Heat recovery from CHP system and solar collectors

- *Rebate = \$100,000*
- *Savings = 133,931 Therms*

Commercial Solar Thermal Hot Water

Commercial:

Solar Thermal - \$3/therm first year savings

Limit 50% project cost or \$100,000

- ◆ Domestic Hot Water
- ◆ Pool Heating

Energy audit-RETScreen

Engineering Grant Funds up to \$10,000

Electric Program Offerings in Rhode Island

➤ *Design 2000plus - New Construction*

- ✓ Installation of energy efficient equipment and systems for new construction, major renovations and replacement of failed equipment
- ✓ Comprehensiveness and optimized systems through technical assistance
- ✓ Incentives up to 80% of incremental costs

➤ *Energy Initiative - Retrofit*

- ✓ Targets energy efficient opportunities for existing buildings and equipment
- ✓ Replaces inefficient equipment or systems
- ✓ Reduces owners operating costs
- ✓ Incentives up to 45%



Electric Program Offerings in Rhode Island

- ◆ **Small Business Program:**
 - **Retrofit lighting and other custom services**
 - **For customers with monthly demand of 200 kilowatts or less**
 - ✓ **Provides a free energy audit and recommendation for energy efficiency improvements**
 - ✓ **Incentives of up to 80% of the cost of the installation of better performing equipment**
 - ✓ **Offers financing of the remaining 25% balance – interest free for up to 24 months**



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Electric Energy Efficiency Opportunity

- ◆ Efficient lighting
- ◆ Demand controlled kitchen hoods
- ◆ Unitary AC units (Cool Choice)



OTHER HELP

Energy Star

www.energystar.gov

The Consortium for Energy Efficiency
Commercial Kitchens

www.cee1.org

THANK-YOU

Tom Coughlin

For more info, log on to:

www.nationalgrid.com

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