

New Hampshire's Gas Energy Efficiency Programs

Presented to the Energy Efficiency and
Sustainable Energy Board

National Grid and Northern Utilities
October 17, 2008

National Grid

- Serves 84,000 customers in 30 communities
 - 73,600 Residential customers
 - 10,400 C&I customers
 - 9,900 Traditional Sales Customers
 - 500 Transportation Customers
 - Less than 1% total customers (5% C&I)
 - 21% firm throughput (36% C&I)
- \$161 million Annual 2006 Revenue
 - \$39.8 million Delivery Revenue
 - \$121.2 million Gas Supply Revenue

Northern Utilities

- Serves 27,000 customers in 24 communities
 - 21,000 Residential customers
 - 6,000 C&I customers
 - 5,670 Traditional Sales
 - 330 Transportation Service
 - 1.2% of total customers (6% C&I)
 - 38% firm throughput (49% C&I)
- \$62.7 million Annual 2006 Revenue
 - \$18.7 million Delivery Revenue
 - \$44.0 million Gas Supply Revenue

NH Gas Energy Efficiency Programs

- Funding paid by all ratepayers
- 2007/2008 Annual Program Budgets
 - Northern - \$747,000
 - National Grid - \$1.8M
- Current programs approved through April 2009
- Administration
 - Company performs oversight, day-to-day management, and reporting
 - Independent, third party vendors perform energy assessments and installation services
 - PUC oversight and annual reviews

NH Gas Energy Efficiency Programs



Residential Energy Efficiency Programs

Northern Utilities

–Weatherization Services

- Attic & Wall Insulation
- Basement/Crawl Space Insulation
- Duct Sealing, Duct Insulation
- Rim Joist Insulation
- Heating Pipe Insulation
- Air Infiltration Sealing
- 50% rebate up to \$1,500 for homeowners
- 75% rebate up to \$1,500 for tenants

–Home Energy Assessment

- \$150 rebate

–Self Install Rebate

- \$25 rebate

National Grid

–Weatherization Services

- Attic & Wall Insulation
- Basement/Crawl Space Insulation
- Duct Sealing, Duct Insulation
- Rim Joist Insulation
- Heating Pipe Insulation
- Air Infiltration Sealing
- 20% rebate up to \$750 for homeowners
- 50% up to \$1500 for measures installed by a pre-approved Building Performance Institute (BPI) certified contractor
- Solar thermal hot water systems-up to \$1500

–No Cost In Home Energy Audit

NH Gas Energy Efficiency Programs

Residential Energy Efficiency Programs (cont.)

- High Efficiency Equipment Rebate*
 - Up to \$1,100 in rebates
- ENERGY STAR® Windows Rebate*
 - \$10 per window up to \$500 per customer
- ENERGY STAR® Thermostats Rebate*
 - \$25, up to two rebates per customer
- ENERGY STAR® Homes
 - Offers rebates/incentives to help customers, contractors and/or builders meet ENERGY STAR® standards.
- Low-Income Customers
 - 100% subsidy for weatherization services
 - Up to \$4,500 in incentives for NU customers, \$5,400 in incentives for National Grid customers
 - Delivered in coordination with local community action agencies

* Regional energy efficiency program offered through GasNetworks® collaborative - www.gasnetworks.com

NH Gas Energy Efficiency Programs

Small Commercial Energy Efficiency Programs

Northern Utilities

Small Commercial, Industrial and Multifamily Customers

Less than 40,000 therms annual consumption

Program Offerings

- Free site-specific energy assessment
- Matching incentives up to \$50,000 for eligible improvements
 - Weatherization,
 - High efficiency space and water heating equipment
 - Other site specific EE technologies
- Prescriptive rebates* for smaller-sized high efficiency equipment

* Regional energy efficiency program offered through GasNetworks® collaborative - www.gasnetworks.com

National Grid

Small Commercial, Industrial and Multifamily Energy Efficiency

Program Offerings

- Free onsite energy assessment
- Matching incentives up to \$100,000 for gas energy saving measures
- Up to \$250,000 for new construction projects
- Prescriptive measures for standard measures such as:
 - Boiler reset controls
 - Pipe insulation
 - Weatherization
 - High efficiency heating equipment*

* Residential sized equipment is marketed through GasNetworks® collaborative - www.gasnetworks.com

NH Gas Energy Efficiency Programs

Large Commercial Energy Efficiency Programs

Northern Utilities

Large Commercial and Industrial Customers

Greater than 40,000 therms annual consumption

Programs Offerings

- Free energy efficiency walk-through
- Cost sharing for detailed study by professional engineer
 - Up to \$7,500
- Matching incentives up to \$50,000 for eligible improvements
 - Manufacturing and process equipment
 - Space conditioning,
 - Water heating
 - Heat recovery,
 - Other site specific EE technologies

National Grid

Large Commercial, Industrial and Multifamily Energy Efficiency

Program Offerings

- Free onsite custom audit
- Cost sharing on engineering studies completed by professional engineer
 - Up to \$10,000
- Matching incentives up to \$100,000 for gas energy saving measures
- Up to \$250,000 for new construction projects
- Custom incentives based on \$2.00/therm for each therm of gas saved in year one
- Prescriptive rebates for high efficiency heating equipment up to \$6,000 per unit*

*Residential sized equipment is marketed through GasNetworks® collaborative - gasnetworks.com

NH Gas Energy Efficiency Programs

Additional National Grid Gas Efficiency Program Offerings

Technology Demonstration Program

- Residential and Commercial customers may participate in the program
- Program provides funding for new or underutilized energy efficient technologies.
- Commercial program participants may receive a 50% match up to \$100,000 per project.
- Residential program targets customers with enhanced rebates for specific technologies. (solar thermal)

Economic Redevelopment Program

- Program provides additional energy efficiency funding for projects that demonstrate a community impact such as economic growth or affordable housing creation
 - 50% match up to \$100,000 per project
 - Custom incentive based on projects projected 1st year therm savings

Online Business Energy Analyzer

- Self service online audit tool available to all commercial residential and commercial customers. Tool provides customers with an opportunity to do a virtual energy audit and receive energy efficiency recommendations. Customers who use the tool may also opt to receive a quarterly energy efficiency newsletter that provides them with seasonal energy efficiency tips.

www.thinksmarthinkgreen.com

QUESTIONS?

