NATURAL GAS EFFICIENCY PROMOTIONAL OPPORTUNITIES

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IEN PARTNERING ORGANIZATIONS

Illinois Department of Commerce & Economic Opportunity
OFFICE OF ENERGY & RECYCLING
Bruce Rauner, Governor

ERC
ENERGY RESOURCES CENTER

MEEA
MIDWEST ENERGY EFFICIENCY ALLIANCE

SEDAC
SMART ENERGY DESIGN ASSISTANCE CENTER
Department of Commerce and Economic Opportunity administers public energy efficiency programs.

Customers who apply must receive natural gas service from:

- Ameren
- Nicor
- Peoples
- North Shore

Any public Sector facility:

Examples: Local Governments, Municipal Corporations, Schools, Community Colleges, Public Universities, State/Federal facilities, etc.
ComEd
Ameren

Electric Efficiency
(75% of electric $)

Electric & Gas Efficiency
(25% of program $)

Public Sector
Businesses
Residential
Non-profits

Low Income
Residential Retrofit
New Construction
Public Housing

Private Sector
Businesses
Residential
Non-profits

Nicor
Peoples
North Shore
Ameren

Gas Efficiency
(75% of gas $)

Public Sector
Governments
Public Schools
Community Colleges
Public Universities
Airport Authorities

DEPARTMENT OF COMMERCE:
ILLINOIS ENERGY NOW
ILLINOIS ENERGY NOW:
STANDARD & CUSTOM PROGRAMS

Standard
- Natural Gas-Fired Furnaces & Condensing Unit Heaters
- Small Capacity Boiler Replacements
- Infrared Heaters, Low Intensity
- Kitchen Equipment

Custom
- Projects or equipment that reduce the use of natural gas
- $2.50 / therm saved annually
- (e.g. Large Capacity Boiler Replacements)

New Applications Accepted until April 14, 2017.
Final Application Certification submission by May 8, 2017.
NEW ENTITY PROMOTION

• **$300,000 building cap** removed for all facilities
  - If possible, break up large projects into multiple applications not to exceed $150,000 each. This keeps as rebates instead of a grant.

• **Incentive cap (75% of the Total Project Cost) removed** for new schools and government facilities
  - Public school, State, and Federal facilities which have never participated in the Standard & Custom Incentive Program prior to application submittal
    - Total Project Cost = Equipment and Labor
    - Contact DCEO [Illinois.energy@illinois.gov](mailto:Illinois.energy@illinois.gov) or call 217.785.7440 to find out if a school has not participated previously.
Funding is distributed on a first-come, first-served basis.

New application deadline extended until April 14, 2017.

Final application certification submission by May 8, 2017.

Applications available at www.ilenergynow.org
15% Greenspring Gas Bonus

Standard and Custom

All standard and custom projects in the Nicor, Peoples and North Shore territories are eligible to receive a 15% bonus while funds are available.

(Also eligible are Ameren Electric projects with $1.3 million and $3 million possible.)

Rebate funding available:

- Nicor: $1,500,000 with $6 million more possible
- Peoples: $1 million with $500,000 more possible
- North Shore: $250,000 with $250,000 more possible

*ComEd Electric and Ameren Gas projects are not eligible for the bonus but funds are still available.*
BOILER SYSTEM EFFICIENCY PROGRAM

Encourage investment in energy efficiency through “boiler room maintenance and repair”:

- Boiler Tune-Ups.
- Pipe Insulation and Removable Pipe/Valve Insulation.
- Steam Trap Surveys.
- Steam Trap Repair and Replacement of malfunctioning traps that are leaking steam.
- Boiler Reset Controls.
- Shut-off Air Dampers.
- Parallel Positioning Controls Systems (Linkage-less).
- Applications accepted thru May 15, 2017.

https://www.illinois.gov/dceo/whyillinois/TargetIndustries/Energy/Pages/PublicSectorNaturalGasBoilerTuneUp.aspx
**BOILER SYSTEM EFFICIENCY PROGRAM - MEASURES**

**Boiler Tune-Ups**
- Boiler size ≥200,000 Btuh
- Incentive: $0.50/kBtuh output (up to $1,500)
- Available once in a 36 month period (per boiler)

**Steam traps**
- Traps must be leaking steam (failed “open”)
- Detection method (pyrometer, ultrasound or visual)
- Incentive: $200 - $600 per steam trap based on line pressure
- Survey: $30/trap surveyed up to $5,000 per facility

**Pipe Insulation**
- Available for missing/defective Insulation (not for new pipes)
- $8 - $20 per linear foot, depending on pipe size
- Documentation (pictures) of existing Insulation and new Insulation are required
BOILER SYSTEM EFFICIENCY PROGRAM - MEASURES

Removable Insulation

- Available for missing/defective Insulation (not for new pipes/valves)
- $40 - $100 per square foot, depending on pipe diameter
- Documentation (pictures) of existing Insulation and new Insulation are required

Boiler Reset Controls and Shut off Air Dampers

- Boiler size ≥ 200,000 Btuh
- Incentive: $0.75/kBtuh (up to $1,200)
- Equipment specifications must be provided

Parallel Positioning Control System

- Boiler size ≥ 1,500,000 Btuh
- Incentive: $3.00/Annual Therm Savings
- Savings Calculations must be provided
Public sector schools that meet the program requirements will have the incentive cap (75% of total project cost) removed for the boiler tune-up measure.

This effect is retroactive for all schools that meet the requirements that have already applied to the program.

### Boiler Tune-Up Requirements and Rebate

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
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REGIONS WITH REMAINING FUNDS

The Boiler Program has funds left in the NICOR and PEOPLES GAS regions.

Funds are completely allocated in the Ameren Gas and North Shore regions.
HINGE PROMOTION

- HINGE (High Impact Natural Gas Efficiency): increases the qualifying Custom incentive and the allowable percentage of the Total Project Cost funded for large Natural Gas savings projects.

- Savings are per building, not facility-wide unless project is at the main power plant.

- Projects must be 100 percent complete by May 31, 2017.

- Projects must be a custom incentive and not currently listed as a standard incentive in the base Standard and Custom Incentive Program.

- Projects that generate electric savings must also apply for electric efficiency incentives under the base Standard and Custom Incentive Program, where applicable.
≤ 50,000 annual therm savings = $2.50/therm (Custom Incentive Program).

Over 50,000 annual therm savings per building = $3.50/therm.

Over 100,000 annual therm savings per building = $4.50/therm.

Incentives limited to 90% of Total Project Cost (equip. + labor).

Projects must be 100% complete/operating by May 31, 2017.

Applications accepted to April 14, 2017, while funds remain. Highest funding level for projects in Nicor service area.

Past projects: O2 sensors for boilers, blowdown heat recovery, new boiler burners, elimination of summer reheat.

https://www.illinois.gov/dceo/whyillinois/TargetIndustries/Energy/Pages/EnergyEfficiencyAggregationProgram.aspx
OTHER PROGRAMS

REBATES & GRANTS

• Standard & Custom
• HINGE
• Boiler Tune-Ups
• LED Streetlights

FREE PRODUCTS & SERVICES

• Savings Through Efficiency Products (STEP)
• Assessments
• Retrocommissioning
• Technical & Application Assistance
• Training & Education (e.g., energy codes, BOC)
• Data Centers
CONTACT INFORMATION

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