

# ETG energySMART Program

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**energySMART**   
An *Elizabethtown Gas* program

# What is ETG energySMART?

Energy Efficiency programs designed to:

- **Help customers conserve energy and save money on their natural gas bills while reducing carbon emissions.**
- SMART stands for Save Money And Resources Today



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# energySMART Programs

- **Whole House Energy Efficiency**
- **Residential HVAC and Gas Hot Water Heater Incentive**
- **Small Commercial Customer Energy Efficiency**
- **Large Commercial Customer Energy Efficiency**
- **Combined Heat and Power**
- **Gas Cooling**



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# Whole House Energy Efficiency Program

This program consists of:

- **Home Assessment**
  - A tool used to assess how much energy a home uses and evaluates what measures can be taken to improve efficiency.
- **Energy Cost Cutter Kit**
  - A kit that is used to seal gaps within a home and reduce energy loss and consumption.
- **Free Programmable Thermostat**
  - A customer can control expenses by regulating heating and cooling with a programmable thermostat.
- **Interest-free financing**
  - Loans of up to \$10,000 are available to residential customers that are eligible for the NJCEP Home Performance with Energy Star program which requires the installation of eligible measures achieving >25% energy savings.



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# Residential HVAC and Gas Hot Water Heater Incentive Program

Elizabethtown Gas customers who upgrade their heating and or hot water heating equipment with natural gas appliances that meet the following high efficiency requirements are eligible incentives.

Appliance Type	Eligibility Requirements
High Efficiency Gas Furnace	Purchase and install a high efficiency furnace (92%+ AFUE)
High Efficiency Gas Furnace with ECM	Purchase and install high efficiency furnace (92%+ AFUE) with commutated motor (ECM) or equivalent
Natural Gas Boiler	Purchase and install natural gas boiler (85%+ AFUE)
Tank Water Heater	Purchase and install tank-style water heater with .62 EF or greater
Tankless Water Heater	Purchase and install tankless water heater with .82 EF or greater

# Eligible Appliance Incentive Amounts

## Natural Gas Appliance Rebates

	 Elizabethtown Gas energySMART Rebate	 New Jersey's Clean Energy Rebate	Your Total Cash Back
<b>Furnace</b> With ECM AFUE 92% or greater ENERGY STAR	\$900	\$400	Up to \$1,300
<b>Furnace</b> AFUE 92% or greater ENERGY STAR	\$900	\$300	Up to \$1,200
<b>Boiler</b> AFUE 85% or greater ENERGY STAR	\$900	\$300	Up to \$1,200
<b>Tankless Water Heater</b> EF .82 or greater	\$200	\$300	Up to \$500
<b>Tank Water Heater</b> EF .62 or greater	\$75	\$25	Up to \$100

AFUE (Annual Fuel Utilization Efficiency), ECM (Electronically Commutated Motor), EF (Energy Factor) ENERGY STAR qualified product lists may be found at the ENERGY STAR Web site.



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# How do residential customers apply for programs?



- Call 1-866-NJSMART to request home energy assessment.
  - To receive the free programmable thermostat and or cost cutter kit:
    - Natural Gas Advantage specialist @ 1-800-242-5830
- OR**
- submit request on line @ [elizabethtowngas.com/energysmart](http://elizabethtowngas.com/energysmart)
  - Customer can choose to apply for:
    - ETG equipment rebates on line @ [elizabethtowngas.com/energysmart](http://elizabethtowngas.com/energysmart)
- OR**
- Free financing (contractor will leave financing packet)

# Federal Tax Credits for Homeowners

- **Gas Water Heaters EF  $\geq$  0.82** *\*Currently only tankless meet the criteria.*
- **Natural Gas Furnace AFUE  $\geq$ 95%**
- **Natural Gas Boiler AFUE  $\geq$ 90%**
  - Eligible tax credit- 30% of the total cost (product + installation) up to \$1,500
  - To apply file the 2009 IRS Form 5695 and submit it with your 2009 taxes (by April 15, 2010).

For additional information on federal tax credits, ENERGY STAR Products and to see a list of those that meet the criteria for the tax credit please visit:  
<http://energystar.custhelp.com>



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# Small Commercial Customer Energy Efficiency Program

- **Elizabethtown Gas will provide 100% match of the NJCEP incentive for the installation of high efficiency natural gas heating equipment in an amount up to \$15,000 for HVAC and \$100 for hot water heater.**
  - **Eligible equipment will include:**
    - gas-fired boilers
    - gas-fired furnaces
    - gas-fired water heaters
    - gas-fired booster water heaters
- **All Commercial customers with a peak demand of 200 KW or less are eligible to participate.**



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# Large Commercial Customer Energy Efficiency Program

- Elizabethtown Gas will provide 100% match of the NJCEP incentive for the installation of high efficiency natural gas heating equipment in an amount up to \$25,000 for HVAC and \$100 for hot water heater.
  - Eligible equipment will include:
    - gas-fired boilers
    - gas-fired furnaces
    - gas-fired water heaters
    - gas-fired booster water heaters
- All Commercial customers with a peak demand greater than 200 KW are eligible.

# Combined Heat and Power Program

This program is designed to reduce energy consumption and carbon emissions by lowering dependence upon the electric grid system. It will enhance the existing NJCEP Combined Heat & Power program by supplementing the incentives offered by NJCEP

- **Elizabethtown Gas will offer eligible large commercial and industrial customers incentives of 50% of the NJCEP rebate but no more than \$500,000.**



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# Gas Cooling Program

- All commercial and industrial customers installing gas cooling equipment will be eligible for a 100% match of the NJCEP incentive in an amount up to \$150,000.
- Eligible gas cooling equipment will include:
  - direct and indirect fired absorbers with a minimum COP of 1.2
  - natural gas desiccant systems
  - gas engine drives

## How do C&I customers apply?

- **Commercial customers fill out an electronic application with the current market manager TRC by going to the NJ Clean Energy's SmartStart Building website. ([www.njcleanenergy.com](http://www.njcleanenergy.com))**
  - Customer fills out downloadable application or prints and mails an application for the appropriate program.
- **Once TRC approves the application and releases funds to customer, Elizabethtown Gas is notified of the approved measures and we will send the customer the ETG rebate.**