

# Existing Facilities Program Pre-Qualified Natural Gas Efficiency

## Step 1:

- Complete the Existing Facilities Program Application and sign the Agreement to Terms and Certification (page 2).

## Step 2:

### For Pre-Qualified Incentives

- Complete the Project Description (page 2) and appropriate Pre-Qualified Measure Worksheet(s).

— OR —

### For Performance-Based Incentives

- Complete the Project Description (page 2).

## Step 3:

- Include a current and complete copy of the facility's utility bill with SBC notation.
- Include specification sheets for all equipment proposed for installation.

## Step 4:

Mail the Application and supporting documentation to:  
NYSERDA  
Attn: Existing Facilities Program Coordinator  
17 Columbia Circle  
Albany, NY 12203-6399

Applicant Information -	
<ul style="list-style-type: none"> <li>• All fields must be completed.</li> <li>• Payment will be issued to the applicant</li> </ul>	
Applicant/Company Name	Contact Name
Address 1	Day Phone ( )
Address 2	Fax ( )
City State Zip	E-mail
Federal ID # [ ][ ]-[ ][ ][ ][ ][ ][ ][ ][ ][ ]	Social Security # (if no Federal ID #) [ ][ ]-[ ][ ]-[ ][ ][ ][ ][ ][ ][ ][ ]
<b>Check appropriate box:</b> <input type="checkbox"/> Individual/Sole proprietor <input type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Limited liability company <input type="checkbox"/> Other Enter the tax classification (D = disregard entity, C = corporation, P = partnership) _____	
<input type="checkbox"/> Exempt Payee (W-9)	
Facility Information -	
<ul style="list-style-type: none"> <li>• All fields must be completed.</li> <li>• For multiple site projects (Performance-Based only), please attach a spreadsheet containing all facility information for each site.</li> </ul>	
Facility Name	Contact Name
Address 1	Day Phone ( )
Address 2	E-mail
City State Zip	Facility Size (square feet)
<b>Check appropriate box to describe your facility sector:</b> <input type="checkbox"/> Agricultural <input type="checkbox"/> Commercial – Wholesale / Retail <input type="checkbox"/> Healthcare <input type="checkbox"/> Industrial <input type="checkbox"/> Multifamily (5 units or more) <input type="checkbox"/> College/University <input type="checkbox"/> Data Center <input type="checkbox"/> Government <input type="checkbox"/> Hospitality <input type="checkbox"/> K-12 School <input type="checkbox"/> Not-for-Profit <input type="checkbox"/> Office	
<b>Check appropriate box to describe your building type:</b> <input type="checkbox"/> Assembly <input type="checkbox"/> Dormitory <input type="checkbox"/> Grocery <input type="checkbox"/> Industrial-Heavy <input type="checkbox"/> Motel <input type="checkbox"/> Primary School <input type="checkbox"/> Small Office <input type="checkbox"/> Auto <input type="checkbox"/> Fast Food <input type="checkbox"/> Hospital <input type="checkbox"/> Industrial-Light <input type="checkbox"/> Multifamily Low-rise <input type="checkbox"/> Religious <input type="checkbox"/> Small Retail <input type="checkbox"/> Big Box <input type="checkbox"/> Full Service Restaurant <input type="checkbox"/> Industrial Refrigeration <input type="checkbox"/> Multifamily High-rise <input type="checkbox"/> Secondary School <input type="checkbox"/> University <input type="checkbox"/> Community College <input type="checkbox"/> Hotel <input type="checkbox"/> Large Office <input type="checkbox"/> Multi-Story Retail <input type="checkbox"/> Single Family Residential <input type="checkbox"/> Warehouse	

(continued on next page)

12/6/2010



# Existing Facilities Program Pre-Qualified Natural Gas Efficiency

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<b>Utility Information -</b> <ul style="list-style-type: none"> <li>All applicable fields must be completed.</li> <li>For multiple site projects (Performance-Based only), please attach a spreadsheet containing all utility information for each site.</li> </ul>				
Electric Utility	Account Number(s)			
Gas Utility	Account Number(s)			
<b>Project Description - Choose Pre-Qualified OR Performance-Based.</b>				
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <input type="checkbox"/> <b>Pre-Qualified</b>      Applications for Pre-Qualified (PQ) projects must be submitted for incentives within 90 days of installation or commissioning, whichever is later.                         </div> <div style="width: 35%;"> <div style="text-align: right; margin-bottom: 5px;">PQ Project Cost</div> <div style="border: 1px solid black; width: 100%; height: 20px;"></div> </div> </div> <div style="display: flex; justify-content: flex-end; margin-top: 5px;"> <div style="text-align: right; margin-right: 5px;">PQ Project Completion Date</div> <div style="border: 1px solid black; width: 100%; height: 20px;"></div> </div>				
<b>OR</b>				
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <input type="checkbox"/> <b>Performance-Based</b>      Applications for Performance-Based (PB) projects must be submitted either before or within 90 days of contracting for the project.                         </div> <div style="width: 35%;"> <div style="text-align: right; margin-bottom: 5px;">PB Anticipated Project Construction Start Date</div> <div style="border: 1px solid black; width: 100%; height: 20px;"></div> </div> </div> <div style="margin-top: 10px;"> <input type="checkbox"/> Electric (If checked, MUST choose at least one at right:)                              <input type="checkbox"/> Lighting                              <input type="checkbox"/> Motors                              <input type="checkbox"/> Controls/VFDs                              <input type="checkbox"/> Cooling  <input type="checkbox"/> Energy Storage  <input type="checkbox"/> Natural Gas  <input type="checkbox"/> Combined Heat and Power (CHP applications must include an engineering analysis following the requirements in the CHP systems manual)  <input type="checkbox"/> Demand Response (If checked, MUST choose one at right:)                              <input type="checkbox"/> On-Site Generation                              <input type="checkbox"/> Load Curtailment  <input type="checkbox"/> Industrial and Process Efficiency (If available, include a process schematic)  <input type="checkbox"/> Monitoring-Based Commissioning (MBCx)                     </div>				
Demand Savings (kW)	Annual Electric Savings (kWh)	Annual Fuel Savings (MMBtu)	Annual Cost Savings (\$)	Project Cost (\$)
<b>If applying for Performance-Based incentives, please include information describing the project in detail. This information should include (but is not limited to) baseline equipment and efficiencies, operating schedules, proposed equipment, and efficiencies, etc. If the proposed equipment produces emissions, list the emissions rate. If applying with a multiple-site project, please provide the above project data (i.e. Demand Savings (kW), Annual Electric Savings (kWh), Annual Fuel Savings (MMBtu), Annual Cost Savings (\$), Project Cost (\$)).</b>				
<b>Agreement to Terms and Certification</b>				
<div style="display: flex;"> <div style="width: 50%; padding-right: 10px;"> <p>The Applicant understands that this application may not be approved if the requirements of the program are not met. The Applicant understands that final payment will be contingent on meeting all the terms and conditions of the program. Payment will be issued to the applicant.</p> <p>I certify that the Applicant and the Facility has neither applied for or received, nor will apply for or receive, an incentive or other compensation from an energy efficiency program administered by a utility company listed herein or from NYSERDA for the same energy efficiency measure that is covered by this application.</p> <p>Under penalties of perjury, the Applicant certifies that:</p> <ol style="list-style-type: none"> <li>The Federal ID # and/or social security # shown on this form is the correct taxpayer identification number of the Applicant (or the Applicant is waiting for a number to be issued to them), and</li> <li>The Applicant is not subject to backup withholding because: (a) the Applicant is exempt from backup withholding, or (b) the Applicant has not been notified by the Internal Revenue Service (IRS) that they are subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified the Applicant that they are no longer subject to backup withholding, and</li> <li>The Applicant is a U.S. citizen or other U.S. person</li> </ol> </div> <div style="width: 50%;"> <p>The Applicant also certifies that: For a Pre-Qualified project: the project measures for which the Applicant is seeking reimbursement were installed or commissioned, whichever is later, within 90 days of this signature. For a Performance-Based project: the date of the contract for the work for which the Applicant is seeking reimbursement was entered into no longer than 90 days prior to this signature.</p> <p>If applying for electric and/or gas incentives, the Applicant certifies that this Facility is a customer of a New York State investor-owned utility and the System Benefits Charge is paid.</p> </div> </div>				
Applicant/Company Name		Facility Name (Required unless same as Applicant)		
Print Name & Title		Print Name & Title		
Applicant Signature	Date	Facility Signature	Date	

EESEFP-ap-(a) Revised 12/14/2010

# Existing Facilities Program Pre-Qualified Natural Gas Efficiency

CFA # \_\_\_\_\_

Applicant \_\_\_\_\_

Facility \_\_\_\_\_

## Completing the Natural Gas Efficiency Measure Worksheets

- Fill in the appropriate fields for individual natural gas efficiency measures on pages 4 through 8.
- To calculate the **Total Incentive** for each measure, multiply the **Count** (quantity of installed equipment) by the **Unit Incentive** and enter this amount in the **Total Incentive** column.
- Enter the sum of the **Total Incentive** for each category on the summary worksheet below and add these **Total** amounts together for the **Grand Total** amount on the last line.
- Complete a Consolidated Funding Application:  
[www.nyserda.ny.gov/FundingOpportunities/Consolidated-Funding-Application](http://www.nyserda.ny.gov/FundingOpportunities/Consolidated-Funding-Application).
- Submit your CFA online along with copies of the following. Be sure to reference your CFA number on all submitted materials:
  - 1) This completed worksheet and any other measure worksheets associated with your project.
  - 2) Gas utility bill from the last 90 days, with SBC notation.
  - 3) Invoices, including purchase and installation price.
  - 4) Equipment specification sheets showing manufacturer(s) and model number(s).
- Questions regarding the process, incentives, or requirements? Contact a NYSERDA representative at: 1-866-NYSERDA x3480 or [EFPPQADMIN@NYSERDA.ny.gov](mailto:EFPPQADMIN@NYSERDA.ny.gov).

## General Eligibility Requirements for Natural Gas Efficiency

- Pre-Qualified projects must submit an application for incentives within 90 days of invoice for the purchase and installation of Pre-Qualified measures.
- Used or rebuilt equipment is not eligible.
- ENERGY STAR® requirements for boilers are located at: [www.energystar.gov/index.cfm?c=boilers.pr\\_boilers](http://www.energystar.gov/index.cfm?c=boilers.pr_boilers).
- ENERGY STAR® requirements for commercial kitchen equipment are located at: [www.energystar.gov/index.cfm?fuseaction=find\\_a\\_product.showProductGroup&pgw\\_code=CKP](http://www.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup&pgw_code=CKP).
- Food Service Technology Center requirements for combination ovens are located at: [fishnick.com/saveenergy/rebates/combis.pdf](http://fishnick.com/saveenergy/rebates/combis.pdf).

## Individual Measure Incentive Totals

Air Furnaces (page 4) .....	Total \$ _____
Non-Condensing Hot Water Boilers (page 4) .....	Total \$ _____
Condensing Hot Water Boilers (page 5) .....	Total \$ _____
Steam Boilers (page 6) .....	Total \$ _____
Unit Heaters (page 6) .....	Total \$ _____
Accessory Equipment for Natural Gas-Fired Water Heaters (page 7) .....	Total \$ _____
Commercial Kitchen Equipment (page 7) .....	Total \$ _____
Vent Dampers (page 7) .....	Total \$ _____
Pipe Insulation (page 8) .....	Total \$ _____
Duct Insulation (page 8) .....	Total \$ _____
Demand Control Ventilation (page 8) .....	Total \$ _____
<b>Grand Total Natural Gas Efficiency Incentive Requested \$ _____</b>	

## Project Type (Please check one)

- ☐ New Construction or Major Renovation.
- ☐ Replacement or Retrofit (Existing Facilities).



# Existing Facilities Program Pre-Qualified Natural Gas Efficiency

## Natural Gas-Fired Air Furnace Incentive Table

Measure Code	Unit Incentive	Minimum Efficiency	<ul style="list-style-type: none"> <li>Units must meet or exceed the listed AFUE efficiency requirements using code-standard testing procedures (DOE 10 CFR Part 430 or ANSI Z21.47)</li> <li>MBtu/h = 1,000 Btu/h</li> </ul>
AF-1	\$4 / MBtu/h	≥ 92% AFUE	
AF-2	\$5 / MBtu/h	≥ 95% AFUE	

## Natural Gas-Fired Air Furnace Data Collection Table

Measure Code	Manufacturer	Model Number	A Input Capacity (MBtu/h)	Efficiency (AFUE)	B Count	C Unit Incentive (from above table)	Total Incentive (A x B x C)
Ex: AF-2	Company	XX-XX	250	96%	2	\$5 / MBtu/h	\$2,500
(enter on page 3) <b>Total Natural Gas-Fired Air Furnace Incentive Requested</b>							\$

## Natural Gas-Fired Non-Condensing Hot Water Boiler Incentive Table

Measure Code	Incentive/Unit	Eligibility Criteria		<ul style="list-style-type: none"> <li>Qualifying equipment must fit within the appropriate size brackets for input capacity (MBtu/h)</li> <li>Units 300 MBtu/h input capacity and smaller must be ENERGY STAR-qualified or exceed 85% AFUE</li> <li>Units larger than 300 MBtu/h must meet or exceed the listed thermal efficiency (E<sub>t</sub>) requirements using code-standard testing procedures (DOE 10 CFR Part 431)</li> <li>MBtu/h = 1,000 Btu/h</li> </ul>
		MBtu/h	Efficiency	
B-1	\$600	≤ 300	ENERGY STAR <sup>1</sup> or ≥ 85% AFUE	
B-2	\$750	301-500	≥ 85% E <sub>t</sub>	
B-3	\$1,500	501-1,000	≥ 85% E <sub>t</sub>	
B-4	\$2,500	1,001-1,700	≥ 85% E <sub>t</sub>	
B-5	\$3,000	> 1,700	≥ 85% E <sub>t</sub>	

1: See page 3 for links to qualified product lists

## Natural Gas-Fired Non-Condensing Hot Water Boiler Data Collection Table

Measure Code	Manufacturer	Model Number	Input Capacity (MBtu/h)	Efficiency (AFUE or E <sub>t</sub> )	A Count	B Incentive/Unit (from above table)	Total Incentive (A x B)
Ex: B-1	Company	XX-XX	250	90%	2	\$600	\$1,200
(enter on page 3) <b>Total Natural Gas-Fired Non-Condensing Hot Water Boiler Incentive Requested</b>							\$

# Existing Facilities Program Pre-Qualified Natural Gas Efficiency

## Natural Gas-Fired Condensing Hot Water Boiler Incentive Table

Measure Code	Incentive/Unit	Eligibility Criteria		<ul style="list-style-type: none"> <li>Qualifying equipment must fit within the appropriate size brackets for input capacity (MBtu/h)</li> <li>Units must meet or exceed the listed AFUE or thermal efficiency (<math>E_t</math>) requirements</li> <li>Condensing boilers with return water temperatures above 130°F do not operate efficiently and will not qualify</li> <li>MBtu/h = 1,000 Btu/h</li> </ul>
		MBtu/h	Efficiency	
CB-1	\$1,000	≤300	≥ 90% AFUE	
CB-2	\$1,500	301-500	≥ 90% $E_t$	
CB-3	\$2,500	501-1,000	≥ 90% $E_t$	
CB-4	\$3,500	1,001-1,700	≥ 90% $E_t$	
CB-5	\$4,500	> 1,700	≥ 90% $E_t$	

## Natural Gas-Fired Condensing Hot Water Boiler Data Collection Table

Measure Code	Manufacturer	Model Number	Input Capacity (MBtu/h)	Efficiency (AFUE)	A Count	B Incentive/Unit (from above table)	Total Incentive (A x B)
Ex: CB-1	Company	XX-XX	250	91%	2	\$1,000	\$2,000
(enter on page 3) <b>Total Natural Gas-Fired Condensing Hot Water Boiler Incentive Requested</b>							\$

## Natural Gas-Fired Steam Boiler Incentive Table

Measure Code	Incentive/Unit	Eligibility Criteria		<ul style="list-style-type: none"> <li>Qualifying equipment must fit within the appropriate size brackets for input capacity (MBtu/h)</li> <li>Units must meet or exceed the listed AFUE or thermal efficiency (<math>E_t</math>) requirements using code-standard testing procedures (DOE 10 CFR Parts 430 or 431, respectively)</li> <li>Boilers larger than 10,000 MBtu/h may be eligible through NYSEERDA's Performance-Based programs</li> <li>MBtu/h = 1,000 Btu/h</li> </ul>
		MBtu/h	Efficiency	
SB-1	\$2/MBtu/h	≤300	≥ 82% AFUE	
SB-2	\$1/MBtu/h	301-2,500	≥ 79% $E_t$	
SB-3	\$1/MBtu/h	2,501-10,000	≥ 80% $E_t$	

## Natural Gas-Fired Steam Boiler Data Collection Table

Measure Code	Manufacturer	Model Number	Input Capacity (MBtu/h)	Efficiency (AFUE or $E_t$ )	A Count	B Incentive/Unit (from above table)	Total Incentive (A x B)
Ex: SB-1	Company	XX-XX	250	90%	2	\$500	\$1,000
(enter on page 3) <b>Total Natural Gas-Fired Steam Boiler Incentive Requested</b>							\$

## Natural Gas-Fired Unit Heater Incentive Table

Measure Code	Description	Unit Incentive	Minimum Efficiency	<ul style="list-style-type: none"> <li>Units must meet or exceed the listed thermal efficiency (<math>E_c</math>) or AFUE requirements using code-standard testing procedures (ANSI Z83.8)</li> <li>MBtu/h = 1,000 Btu/h</li> </ul>
UH-i	Low-intensity, infrared, natural gas-fired unit heater	\$2.50 / MBtu/h	Any efficiency	
UH-a	Natural gas-fired warm air unit heater	\$2.00 / MBtu/h	$\geq 90\% E_c$ or AFUE	

## Natural Gas-Fired Unit Heater Data Collection Table

Measure Code	Manufacturer	Model Number	A Input Capacity (MBtu/h)	Efficiency ( $E_c$ - UH-a only)	B Count	C Incentive/Unit (from above table)	Total Incentive (A x B x C)
Ex: UH-i	Company	XX-XX	1,250	N/A	2	\$2.50 / MBtu/h	\$6,250
(enter on page 3) <b>Total Natural Gas-Fired Unit Heater Incentive Requested</b>							\$

## Accessory Equipment for Natural Gas-Fired Water Heaters Data Collection Table

Measure Description and Eligibility Criteria	Measure Code	A Count/Area to be insulated (ft <sup>2</sup> )	B Unit Incentive	Total Incentive (A x B)
Storage Water Heater Tank Insulation <ul style="list-style-type: none"> <li>Water heater must be natural-gas fired</li> <li>Incentive is paid per square-foot of insulated surface</li> <li>2-inch fiberglass equivalent or better (R-value <math>\geq 9</math>)</li> </ul>	WH-1		\$1.00/sq. ft.	
New Circulation Controls Applicable for Reducing Standby Losses on Domestic Hot Water <ul style="list-style-type: none"> <li>Controls must be installed on natural-gas fired hot water heating systems</li> <li>Controls must employ time-of-day scheduling and temperature controls to setback hot water temperature during un-occupied periods</li> </ul>	WH-2		\$500/unit	
(enter on page 3) <b>Total Accessory Equipment for Natural Gas-Fired Water Heaters Incentive Requested</b>				\$

## Natural Gas-Fired Commercial Kitchen Equipment Data Collection Table

Measure Code	Description	Eligibility Criteria	Size	A Count	B Unit Incentive	Total Incentive (A x B)
GK-1	Fryer	ENERGY STAR qualified <sup>1</sup>	Any size		\$750	
GK-2	Broiler	Cooking efficiency ≥30%, tested using standard ASTM F2835-10	Any size		\$500	
GK-3	Convection oven	ENERGY STAR qualified <sup>1</sup>	Full		\$500	
GK-4	Combination Oven	Food Service Technology Center qualified <sup>1</sup>	Any size		\$750	
GK-5	Steamer	ENERGY STAR qualified <sup>1</sup>	Any size		\$750	
GK-6	Griddle	ENERGY STAR qualified <sup>1</sup>	≤ 2 feet wide		\$350	
			3 feet wide		\$525	
			4 feet wide		\$700	
			5 feet wide		\$875	
			≥ 6 feet wide		\$1,050	
(enter on page 3)		Total Natural Gas-Fired Commercial Kitchen Equipment Incentive Requested				\$

1: See page 1 for links to qualified product lists

## Vent Damper Data Collection Table

Measure Code	Damper Number	A Input Capacity (MBtu/h)	B Unit Incentive	Total Incentive (A x B)	<ul style="list-style-type: none"> <li>Vent dampers installed on existing natural gas-fired heating systems only</li> <li>New construction projects are not eligible</li> <li>Input capacity refers to the capacity of the system on which the vent damper is being installed</li> <li>MBtu/h = 1,000 Btu/h</li> </ul>
HE-2	1	Ex: 400 MBtu/h	\$1.00/MBtu/h	\$400	
HE-2	1		\$1.00/MBtu/h		
HE-2	2		\$1.00/MBtu/h		
HE-2	3		\$1.00/MBtu/h		
(enter on page 3)		<b>Total Vent Damper Incentive Requested</b>			<b>\$</b>

# Existing Facilities Program Pre-Qualified Natural Gas Efficiency

## Pipe Insulation Data Collection Table

Measure Code	Pipe Section	Contents of Pipe (domestic hot water; hot water for heating; steam)	Diameter of Pipe (in)	A Length of Pipe Insulated (ft)	B Incentive/ft	Total Incentive (A x B)	<ul style="list-style-type: none"> <li>Pipe insulation for natural gas-fired hot water or steam boiler systems only</li> <li>Insulation R-value of at least 4</li> <li>New construction projects are not eligible</li> </ul>
HE-3	1	Ex: Domestic hot water	2	30	\$3.00/ft	\$90	
HE-3	1				\$3.00/ft		
HE-3	2				\$3.00/ft		
HE-3	3				\$3.00/ft		
(enter on page 3) <b>Total Pipe Insulation Incentive Requested</b>						\$	

## Duct Insulation Data Collection Table

Measure Code	Duct Section	Dimensions of Duct (width x height) (in)	A Length of Ductwork Insulated (ft)	B Incentive/ft	Total Incentive (A x B)	<ul style="list-style-type: none"><li>• Duct insulation for natural gas-fired heating systems only</li><li>• Ductwork traveling through uninsulated plenum space only</li><li>• Insulation R-value of at least 6</li><li>• New construction projects are not eligible</li></ul>
HE-4	1	Ex: 20" x 24"	30	\$0.50/ft	\$15	
HE-4	1			\$0.50/ft		
HE-4	2			\$0.50/ft		
HE-4	3			\$0.50/ft		
(enter on page 3) <b>Total Duct Insulation Incentive Requested</b>					<b>\$</b>	

## Demand Control Ventilation Data Collection Table

Measure Code	Area of Conditioned Space (square feet)	Manufacturer and Model Number	A Count	B Unit Incentive	Total Incentive (A x B)	<ul style="list-style-type: none"><li>• This measure is available on a retrofit-basis only except in the case of new construction spaces less than 500 square feet or with an average occupant load of fewer than 40 people per 1000 square feet</li></ul>
HE-6 (DCV)	Ex: 2,800 s.f.	Company XX-XX	2	\$200/sensor	\$400	
HE-6 (DCV)				\$200/sensor		
(enter on page 3) <b>Total Demand Control Ventilation Incentive Requested</b>					<b>\$</b>	