

2011 Energy Efficiency Rebates for Business

INSTITUTIONAL OFFERINGS

Government, Healthcare, Schools, Colleges and Universities

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*Boiler and large tankless water heater rebate cannot exceed \$25,000 per unit, subject to the maximum \$200,000 rebate limit per customer, per year.

STORAGE WATER HEATER

Requirements:

- Storage water heaters with an input rating greater than 75,000 Btuh require a minimum thermal efficiency of 82%.
- Storage water heaters with an input rating less than or equal to 75,000 Btuh require an energy factor of 0.62 or greater.

Exclusions:

- Does not qualify for space conditioning for human comfort, industrial (process) end-use, or pools and spas.

Application Process:

- Must include a manufacturer's specification sheet documenting input rating and efficiency.

Product Code		Rebate/Unit Measure
C140	Storage water heater	\$2.00/MBtuh

SPACE HEATING BOILER*

Requirements:

- Must be used for space heating to induce human comfort (as defined by California Energy Commission Titles 20 and 24 standards).
- Must meet energy efficiency requirements based on input ratings and types shown below:

Space Heating Boiler*		
Type	Input Rating	Required Efficiency
Steam	< 300 MBtuh	AFUE ≥ 77%
Small water	< 300 MBtuh	AFUE ≥ 82%
Large	≥ 300 MBtuh - < 2,000 MBtuh	Thermal Efficiency ≥ 84%

Application Process:

- Must include a manufacturer's specification sheet documenting input rating and efficiency.

Product Code		Rebate/Unit Measure
C141	Steam heating boiler	\$0.25/MBtuh
C142	Water heating boiler	\$0.25/MBtuh
C143	Large heating boiler	\$0.25/MBtuh

COMMERCIAL BOILER*

Requirements:

- Must meet a minimum thermal efficiency of 84%.
- Only boilers greater than or equal to 75,000 Btuh qualify.

Exclusions:

- Does not qualify for space conditioning for human comfort, industrial (process) end-use, or pools and spas.

Application Process:

- Must include a manufacturer's specification sheet documenting input rating and efficiency.

Product Code		Rebate/Unit Measure
C104	Commercial boiler	\$0.50/MBtuh

TANKLESS WATER HEATER*

Requirements:

Water heaters must meet efficiency requirements based on size, as shown below.

- The manufacturer name and equipment model number must be provided.
- Customers must provide proof of the tankless nature of the water heater (e.g., manufacturer equipment specification sheets).
- Large tankless water heaters >2,000,000 Btuh are eligible for either the Energy Efficiency Rebates for Business or the Energy Efficiency Calculated Incentive Program.

Tankless Water Heater*		
Size	Input Rating	Required Efficiency
Small	≤ 200 MBtuh	Energy Factor ≥ 0.63
Large	> 200 MBtuh	Thermal Efficiency ≥ 82%

Product Code		Rebate/Unit Measure
C105	Large tankless water heater	\$0.50/MBtuh
C106	Small tankless water heater	\$2.00/MBtuh

COMMERCIAL POOL HEATER

Requirements:

- Available for swimming pool heating and must replace an pre-existing pool heater.
- Must be certified to meet the following requirements:
 1. Must be equal to or greater than 84% thermal efficiency.
 2. Must have an "on/off" switch and have no pilot light.

Exclusions:

- Do not use for residential accounts.

Application Process:

- Must include a manufacturer's specification sheet documenting input rating and efficiency.

Product Code		Rebate/Unit Measure
C144	Commercial pool heater	\$2.00/MBtuh

PIPE INSULATION

Requirements:

- Minimum qualifying pipe diameter is 1/2".
- A minimum of 1" of pipe insulation must be added to existing bare commercial or industrial steel pipe system applications.
- The pipes must transfer fluid (hot water, low-pressure or high pressure steam) directly from gas-fired equipment.

Application Process:

- Must include a manufacturer's specification sheet documenting the insulation material type and the material k-value rating.

Product Code		Rebate/Unit Measure
C120	Pipe diameter <1" - Hot Water	\$2.00/linear ft.
C121	Pipe diameter ≥1" - Hot Water	\$2.00/linear ft.
C122	Pipe diameter <1" - Steam <15 psig	\$3.00/linear ft.
C123	Pipe diameter ≥1" - Steam <15 psig	\$3.00/linear ft.
C124	Pipe diameter <1" - Steam ≥15 psig	\$3.00/linear ft.
C125	Pipe diameter ≥1" - Steam ≥15 psig	\$3.00/linear ft.

TANK INSULATION

Requirements:

- 1" or 2" of fiber glass or foam insulation must be added to existing bare liquid or solution storage or transfer tanks that are coupled to gas-fired commercial or industrial equipment that transfers heat to the liquid or solution.
- The insulation thickness and tank solution temperature will determine the rebate amount.
- Must have manufacturer's name, insulation material type, and the material k-value rating.

Product Code		Rebate/Unit Measure
C150	1" thick - low temperature application: 120-170 degrees F solution	\$2.00/sq ft.
C151	1" thick - high temperature application: 170-200 degrees F solution	\$3.00/sq ft.
C152	2" thick - low temperature application: 120-170 degrees F solution	\$3.00/sq ft.
C153	2" thick - high temperature application: 170-200 degrees F solution	\$4.00/sq ft.

STEAM TRAPS

Requirements:

- New commercial steam traps must replace, one-for-one, existing failed or older steam traps.
- All steam traps in an existing steam system that have been in service for a minimum of five years are eligible.

Application Process:

- Must include steam trap manufacturer, model number, specification sheet, and paid purchase receipt with tax and shipping.
- Customer may be asked to verify the location of the replaced steam trap(s) in steam loop.

Product Code		Rebate/Unit Measure
C132	Industrial ≤ 15 psig & Commercial 12-24 hr/day operation	\$100.00
C133	Commercial < 12 hr/day operation	\$100.00

FOODSERVICE EQUIPMENT

COMMERCIAL RACK OVEN (GAS)

Requirements:

- Must meet or exceed heavy load cook energy efficiency of 50% utilizing (ASTM Standard F2093).

Product Code		Rebate/Unit Measure
C308	Commercial rack oven double	\$2,000/per oven

COMMERCIAL PRESSURELESS STEAMER (GAS)

Requirements:

- Qualifying models must meet ENERGY STAR® specification (ASTM Standard F1484).

Product Code		Rebate/Unit Measure
C300	Commercial pressureless steamer	\$2,000/per steamer

COMMERCIAL COMBINATION OVEN (GAS)

Requirements:

- Must meet or exceed heavy load cooking energy efficiency of 40% utilizing (ASTM Standard F1639).

Product Code		Rebate/Unit Measure
C302	Commercial combination oven	\$750/per oven

COMMERCIAL CONVECTION OVEN (GAS)

Requirements:

- Qualifying models must meet ENERGY STAR® specification (ASTM Standard F1496).

Product Code		Rebate/Unit Measure
C304	Commercial convection oven	\$500/per oven

COMMERCIAL FRYER (GAS)

Requirements:

- Qualifying commercial fryer models must meet ENERGY STAR® specification (ASTM Standard F1361).
- Large vat fryer models must meet or exceed heavy load cooking energy efficiency of 50% utilizing (ASTM Standard F2144).

Additional Details: Multiple vat configurations are paid per qualifying vat.

Product Code		Rebate/Unit Measure
C301	Commercial fryer	\$500/per vat
C306	Large vat fryer	\$500/per vat

COMMERCIAL GRIDDLE (GAS)

Requirements:

- Qualifying models must meet ENERGY STAR® specification (ASTM Standard F1275).

Product Code		Rebate/Unit Measure
C305	Commercial griddle	\$125/per griddle

LARGE COMMERCIAL CONVEYOR OVEN (GAS)

Requirements:

- Total conveyor width must be greater than 25- inches.
- Must meet or exceed heavy load cooking energy efficiency of 42% utilizing (ASTM Standard F1817).

Product Code		Rebate/Unit Measure
C310	Large commercial conveyor oven	\$750/per rack