



Boiler Efficiency Program Administered by Enovity

Inefficient boiler systems (and those that need repair) can lead to high energy costs, lower productivity, and reduced staff comfort levels. They may also be out of compliance with recently updated regulations that limit nitrous oxide (NOx) emissions from boilers, which affect many Pacific Gas and Electric (PG&E) customers. To provide customers with solutions to these problems, PG&E has contracted with Enovity, a third party energy-efficiency implementation specialist, to implement the Boiler Efficiency Program. Through this program, Enovity provides no-cost technical services and cash incentives that help businesses identify opportunities to improve boiler efficiency and implement projects that can save energy and money. Improving energy efficiency also benefits the environment by conserving our natural resources and reducing air emissions.

Eligibility Requirements

Any PG&E commercial, hospitality, hospital, industrial, agricultural, and food processing customer that operates a qualifying boiler (steam or hot water) or thermal fluid heater may be eligible. Gas and oil production plants are excluded.

Energy-Efficiency Measures Covered

The program evaluates comprehensive opportunities for boiler system energy efficiency and supports their completion. Measures may include installation, repair, or retro-commissioning of:

- New high-efficiency process, space heating, or domestic hot water boilers.
- Condensing boilers.
- Direct-contact water heaters.
- Heat recovery (economizers, condensate recovery, blowdown heat recovery, custom process heat recovery).
- Mechanical vapor recompression and other custom upgrades for evaporators.
- Insulation of pipes, tanks, and heat exchangers.
- Variable frequency drives on boiler combustion air fans or feedwater pumps.
- Steam traps.





Support from Recommendations to Results

The process is as follows:

1. The customer completes a program participation agreement.
2. Enovity engineers conduct a high-level assessment of the facility to identify energy-efficiency opportunities in the boiler system.
3. Enovity completes a detailed analysis of upgrades the customer is considering.
4. Enovity representatives help with the vendor selection process, including the evaluation of estimates and negotiating with the vendor of choice.
5. The customer signs a project agreement, which specifies the projects to be pursued and reserves the rebate.
6. Enovity provides technical consulting throughout the project, verifies the final energy savings results, and pays the incentive or rebate to the customer.

For some measures, the customer is paid a fixed rebate amount for installation. For other measures, custom incentives are available at the following rates:

Per kW of Peak Demand Reduced	Per Annual kWh Saved	Per Annual Therm Saved
\$100	\$0.09	\$1.00

Custom incentives can cover up to 50 percent of project costs.

Next Steps

For more information about the Boiler Efficiency Program or to get started, visit www.BoilerEnergyEfficiency.com, or call Enovity's Program Coordinator at **415-983-3648**. You may also direct your questions to the PG&E **Business Customer Service Center** at **1-800-468-4743** or visit www.pge.com to learn about other energy-efficiency programs.

