

C&I Energy Efficiency Program Guidelines

**Fuel Switch Measure**

The following is the minimum information required for fuel switching Energy Conservation Measures (ECM's). Fuel switching is defined as any measure that converts existing district steam, natural gas or oil HVAC equipment to electricity. Measures converting from electric to gas, and oil to gas are not eligible for incentives. Example Fuel Switch Measures include but are not limited to the following:

Existing Equipment	Proposed Replacement Technology
Steam absorption chiller	Electric chiller
Steam turbine chiller	
Gas-engine-drive chiller	
Gas absorption chiller	
Gas-fired boiler	Electric Boiler
Steam-driven boiler	

Measures not eligible for fuel switching incentives include heat pumps, heat pump chillers, heat recovery chillers for space heating/cooling or hot water; Electrification of non-HVAC equipment, such as stoves, washers, and dryers; Conversion to electric resistance heating; and removal of Cogeneration or Combined Heat and Power (CHP) Plants.

Projects applying for fuel switching measure incentives must comply with all applicable requirements listed below.

**Required Project Documentation**

All projects must provide documentation as outlined in the C&I Energy Efficiency Program [Custom Measures Guidance](#), along with the following documentation:

1. A detailed description of the fuel switching measure being proposed including energy savings and calculation methodology that accurately quantifies the proposed savings.
  - A. Savings shall be calculated as the difference in energy consumption between baseline equipment and new energy efficient technology.
  - B. Savings shall be expressed in MMBTU.
  - C. Savings baselines are dependent on measure application type as follows:

Measure Application Type	Baseline Utilized for Calculation	Proposed
Normal Replacement	Code or Industry Standard Efficiencies (Gas / Steam Fuel Equipment)	Electric Fuel Equipment
Special Circumstance – Extended Life or Early Replacement	Existing Equipment Efficiency (Gas / Steam Fuel Equipment) <sup>1</sup>	Electric Fuel Equipment

<sup>1</sup>Existing equipment efficiency must be backed up with supporting documentation submitted by the customer or PC as per the Extended Life or Early Replacement technical guidance.

- D. Savings approach may include but are not limited to:
  - Computer Energy Modeling Software
  - Bin Analysis
  - Modified TRM measures
- E. Con Edison Master Case ID (Provided by Con Edison Energy Services)