

**Response of
Interstate Power and Light Company
to
OFFICE OF CONSUMER ADVOCATE
Data Request No. 76**

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Information Requested By: Jennifer Easler
Date Responded: July 15, 2008
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Subject: Custom Rebates – CHP Program Component

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IPL will provide an incentive on a kW basis for fuel cells, reciprocating engines and turbines excluding those fueled by gasoline, diesel, oil, or coal with a capacity less than 5MW and efficiency of at least 60%.

- A. Are propane fueled systems eligible?
- B. How are the savings calculated for these systems, what is the baseline, and how are they allocated in cases where natural gas is already used to provide thermal energy or in cases where some other fuel provides thermal energy?

Response

- A. No, only natural gas-fueled systems and renewable source (biomass or biogas) are eligible.
- B. The baseline is a natural gas heated boiler or furnace, coupled with grid-provided electricity. The baseline boiler is assumed to be an 80% efficient system. In this case, the savings are primarily from the offset electric load. The thermal energy savings are generally not considered, as the energy used to run the boiler is now used to run the generator