

**Response of
Interstate Power and Light Company
to
OFFICE OF CONSUMER ADVOCATE
Data Request No. 73**

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Date of Request: July 3, 2008
Response Due: July 11, 2008
Information Requested By: Jennifer Easler
Date Responded: July 15, 2008
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Subject: Custom Rebates – Retrofit/Replacement Project

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IPL states: "For a retrofit or replacement project, the baseline used to calculate a custom rebate is generally the energy usage for the equipment being replaced."

- A. Does the calculation take into account remaining measure life, the difference between the current baseline efficiency and the existing equipment efficiency, O&M costs/savings, or other factors?
- B. ASHRAE-90.1 2004 is identified as the baseline for new equipment. Why wasn't ASHRAE-90.1 2007 set as the baseline for incentives?

Response

- A. No, the remaining measure life, the difference between the current baseline and existing equipment efficiency and O&M cost/savings are not accounted for in the calculations. However, the new equipment must, at a minimum, meet the current State of Iowa Energy code, ASHRAE 90.1 2004, efficiency to qualify for an incentive.
- B. The current baseline for new equipment is based on the State of Iowa Energy code, ASHRAE 90.1 2004, which became effective January 2007 from the previous code, ASHRAE 90.1 1989. With the change from ASHRAE 90.1 1989 to ASHRAE 90.1 2004 having a fifteen year difference, IPL decided to keep the baseline consistent with the State of Iowa. Incentives for customers are based on the kWh and Therm savings and increase as kWh and Therm savings increase, giving customers an additional incentive to increase the efficiency of the equipment being installed.