

**Response of
Interstate Power and Light Company
to
OFFICE OF CONSUMER ADVOCATE
Data Request No. 34**

Docket Number: EEP-08-1
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Response Due: July 10, 2008
Information Requested By: Jennifer Easler
Date Responded: July 10, 2008
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Subject: Residential Rebate Program – “Insulation” measure

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- A. Please describe the “Insulation” measure.
- B. What is required for the incentive and is it based on R-value/sq. ft.?
- C. How is installation verified?
- D. How are savings calculated?

Response

- A. The insulation measure encompasses materials with insulating properties including, fiberglass, blown-in, cellulose and spray foam insulation. Foundation, attic and in-wall insulation are eligible for rebates.
- B. The infiltration and insulation rebates are a subset of the Home Energy Audit program and as such, an audit must first be completed before becoming eligible for the rebates. The requirement for an audit is that IPL must provide the primary heating energy, the home must be built before January 1, 1998, and if the customer is a renter they must have their property owner's approval. If at the completion of the audit, insulation or infiltration is deemed necessary, the auditor will provide the customer details including the existing R-value, the proposed R-value, the square feet to insulate, annual savings and the estimated cost of the project. The customer will also receive a claim form, which will be submitted along with a receipt or invoice for insulation. Contract labor is included in the total project cost and is eligible for reimbursement as part of the overall project cost. The incentive is not based on R-value/sq. ft.

- C. Verification of every prescriptive rebate begins with a review of the invoice/receipt to ensure it matches the amount provided on the claim form. A percentage of the installations are visually inspected by a third-party contractor. The claim form that the customer receives informs the customer that his or her installation is subject to inspection.

- D. Insulation savings are based on the results of the Joint Utility Assessment. Savings in the Assessment are based on primary data collection on existing R-values and DOE2 energy simulations, whenever possible. For types of insulation that could not be modeled in DOE2, the best available secondary sources are used.