

**Response of  
Interstate Power and Light Company  
to  
OFFICE OF CONSUMER ADVOCATE  
Data Request No. 41**

Docket Number: EEP-08-1  
Date of Request: July 3, 2008  
Response Due: July 11, 2008  
Information Requested By: Jennifer Easler  
Date Responded: July 11, 2008  
Author: Lisa Pucelik  
Author's Title: Product Manager  
Author's Telephone No.: (319) 786-4283  
Subject: Home Energy Audit

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- A. What level of certification must the third-party contractors meet to all participation in the program? What is the incentive for the contractors to participate?
- B. What is the quality assurance plan? How will installations be verified and savings calculated?

**Response**

- A. IPL has a long-standing relationship with A-TEC Energy, the third-party contractor performing home energy audits on behalf of IPL, MidAmerican Energy and Aquila. A-TEC Energy recruits, trains and supervises the auditors and distributes the audit results to the respective utility.

Participating dealers frequently provide referrals to the program for qualifying customers as a Home Energy Audit is an eligibility requirement for the insulation rebate. Additionally, Participating Dealers selling and installing insulation are eligible for an incentive up to 10 percent of the customer rebate amount.

- B. Each quarter, IPL requests verifications of a portion of insulation installations. These onsite, visual inspections are completed by a third-party contractor. As noted on the rebate application, IPL reserves the right to verify all energy-efficiency projects submitted for rebate. Additional verifications are performed on an as needed basis at the discretion of the Product Manager if the quarterly verifications suggest that a contractor's work warrants added scrutiny. Third party monitoring and evaluation of the Home Energy Audit program separate from A-TEC Energy is conducted on a periodic basis.

Savings for the Home Energy Audit program are estimated using two different approaches. Savings from the direct installed measures are based on the number of measures installed during the audit multiplied by the pre-determined savings per measure values where the savings per measure values are set during the Joint Assessment of Potential. Savings for insulation are calculated based on each insulation installation using square footage and before and after R-values for each type of insulation: attic, in-wall and foundation.