

**Response of  
Interstate Power and Light Company  
to  
OFFICE OF CONSUMER ADVOCATE  
Data Request No. 107**

Docket Number: EEP-08-1  
Date of Request: July 10, 2008  
Response Due: July 17, 2008  
Information Requested By: Jennifer Easler  
Date Responded: July 17, 2008  
Author: Hossein Haeri, Ph.D.  
Author's Title: Principal, The Cadmus Group, Inc.  
Author's Telephone No.: (503)228-2992  
Subject: New Construction

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**Data Request No. 107**

Please respond to the following question for both the residential and nonresidential new construction programs, further separated between gas and electric for each program:

Please specifically identify, list, and explain all underlying assumptions used to establish the new construction program expenditures, energy savings, capacity savings, and participant levels for each of the years 2009 through 2013. As part of the response, explain why each component listed is either greater or less than the actual achieved results in each of the years 2004 through 2007.

**Response**

IPL objects to OCA data request 107 as overly broad, vague and overly burdensome. Without waiving its objection, IPL states the following:

Residential New Home Construction:

Estimates of costs, savings, and participants were developed based on the Joint Utility Assessment, past program history, and additional research into the ENERGY STAR new home requirements. Savings calculations, based on a typical configuration of measures, were based on DOE2 energy simulation modeling, comparing a home built to code to one built to ENERGY STAR specifications. The associated costs for these measure installations came from the Assessment. To estimate participation, IPL analyzed historical trends and current market conditions. Due to the aggressive nature of the Plan, estimated costs, savings and participation for 2009-2013 are all higher than the actual achievements of 2004-2007.

Commercial New Construction:

IPL's Commercial New Construction program was implemented in May 2005. The program implementation contractor, The Weidt Group, has extensive experience in delivering the program for Xcel Energy for over fifteen-years and MidAmerican Energy for the past ten-years. IPL used the estimates of costs, savings, and participants for this program based on data from The Weidt Group. The Weidt Group developed estimates of costs and savings for each program track, as well as the number of participants expected to participate in each. Due to the aggressive nature of the Plan, estimated costs, savings and participation for 2009-2013 Commercial New Construction are all higher than the actual achievements of 2004-2007.