
Upcoming Evaluations and Billing Data Requests

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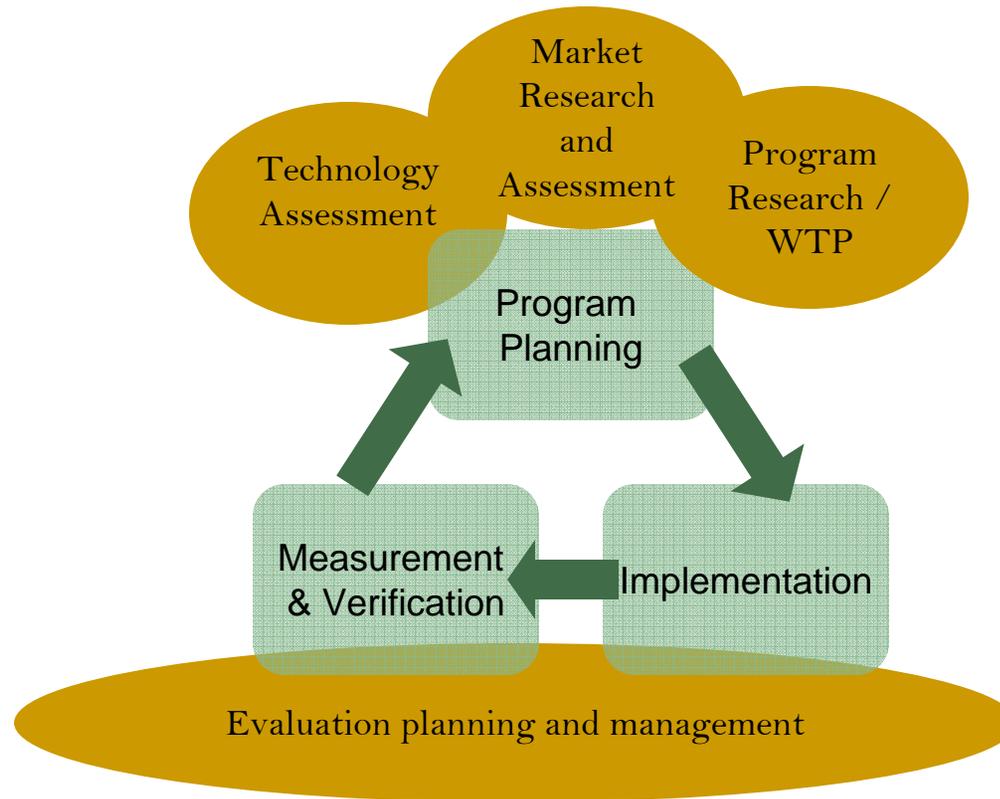
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Agenda

- Overview of Research Agenda
 - Categories:
 - Technology assessment,
 - Market research and assessment
 - Program planning research
 - Program evaluation research
 - Residential Research Overview
 - Ductless Heat Pump Evaluation
 - Commercial Research Overview
 - EnergySmart Grocer Evaluation
 - Commercial New Construction Evaluation
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Research and Implementation – the Overview



Implementation

Research

Residential Research Overview

- Technology Assessment
 - Ductless heat pumps
 - Delta Q duct sealing
 - Market Research
 - Customer behavioral segmentation
 - Program Planning Research
 - Review of program offerings and willingness to pay
 - Likely future research
 - Renter-occupied market assessment and program design options
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Ductless Heat Pumps

- Purpose: Assess savings and determine best delivery approaches
 - Activities:
 - Market Characterization
 - Detailed Lab Monitoring
 - Metering in retrofit applications
 - Billing Analysis
 - Process Evaluation
 - Timing: Fall 2008 – Fall 2011
 - Implications for Utilities and End-use Consumers:
 - All participants will be required to provide data on their housing characteristics, the installed system and billing data.
 - A sub-sample of participants will receive phone surveys.
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Commercial Research Overview

- Technology Assessment:
 - HVAC – Rooftop Units
 - Grocery - Strip Curtains, Door Closures
 - Market Research:
 - Support of NEEA CBSA
 - Program Planning
 - Vending Miser (RTF)
 - Program Evaluation
 - ES Grocer
 - ES New Construction Packages
 - Likely future research
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Commercial New Initiatives Evaluation: Energy Star Grocer

- Purpose: Assess savings and cost-effectiveness of program, especially provisionally deemed and deemed-calculated measures.
 - Activities:
 - Impact Evaluation Stage 1: Engineering-Based Savings Estimation
 - Completed Project Review
 - Targeted M&V
 - Impact Evaluation Stage 2: Statistical impact
 - Process Evaluation
 - Interviews with participants, utilities, implementation, trade allies
 - Timing: Fall 2008 – Spring 2009
 - Implications for Utilities and End-use Consumers:
 - Utilities will be alerted via EERs before customer participants are contacted
 - A sub-sample of participants will receive on-site visits
 - Utilities will need to draw participant billing data
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Commercial New Initiatives Evaluation: Commercial New Construction

- Purpose: Assess savings and cost-effectiveness of program, determine strengths and opportunities for program delivery.
 - Activities:
 - Process Evaluation
 - Interviews with participants, utilities, implementation, trade allies
 - Impact Evaluation
 - Building simulation modeling
 - Determination of incremental costs
 - Timing: Fall 2008 – ? (depends on participation)
 - Implications for Utilities and End-use Consumers:
 - Utilities will be alerted via EERs before customer participants are contacted
 - Likely that all participants will receive on-site visits, interviews
 - Utilities will need to draw participant billing data
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Billing Data Draws

- As discussed, increased billing data requests are going to utilities
 - In an effort to streamline the process, Gregory Piercy at BPA will be the point person to collect and amalgamate billing data
 - Utilities have an opportunity to sign a Non-disclosure Agreement (NDA) with evaluation sub-contractors
 - Proposed process:
 - EERs will distribute description of reason, request for data to be collected, possibly a "template" for the data, and the account numbers or addresses for participants to have their data drawn
 - Gregory will follow-up with utilities and gather data
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