

**Residential Audits –  
Home Energy Efficiency Survey  
Move to IDSM Tracking**

	<b>Mission</b>
SW Program: <b>Residential</b>	This program is a continuation of the existing statewide Home Energy Efficiency Survey (HEES) program within the Residential energy efficiency portfolio. The program provides customers with information to help them become familiar with ways to control and reduce energy and water usage in their homes by offering customers up to four options (mail-in survey, on-line survey, phone survey, and in-home survey) in multiple languages (English, Spanish, Vietnamese, Chinese and Korean) including an action plan for implementation. The program also provides survey results to enable participants to understand how their energy use varies throughout the year and how their household compares with similar households. This multi-language approach enhances the program's ability to reach California's diverse culture and provides efficiency recommendations based on a whole-house system approach.
SW Sub-program: <b>Home Energy Efficiency Survey (HEES)</b>	

<b>CA EESP Goals/Strategies Addressed by SW <u>Sub-program</u>:</b>	<b>CA EESP Ref. pp. #</b>
<u>Goal 2.1</u> : 25% of existing homes have a 70% decrease in purchased energy from 2008 levels; 75% of existing homes have a 30% decrease in purchased energy from 2008 levels.	p. 19
<u>CA EE SP Goal 2</u> : Home buyers, owners and renovators will implement a whole-house approach to energy consumption that will guide their purchase and use of existing and new homes, home equipment (e.g., HVAC systems), household appliances, lighting, and "plug load" amenities.	p. 11
<u>CA EE SP Goal 8.3</u> – DSM Coordination and Implementation – Deliver integrated DSM options that include energy efficiency, demand response, energy management and self-generation measures, through coordinated marketing and regulatory integration. The HEES program will seek partnerships with local water agencies, municipals and other key stakeholders to develop and implement a comprehensive plan to promote water conservation. Further integration strategies will also include DSM (CSI, SDP, Peak Demand, etc.), LIEE and energy efficiency programs.	p. 72

CA EE SP Goal 9.2 – Workforce, Education and Training. Ensure that minority, low-income and disadvantage communities fully participate in training and education programs at all levels of the DSM and energy efficiency industry. For IOUs offering in-home surveys, the HEES in-home survey team will be comprised of a contracted (and in some cases utility staff) workforce who will be trained in areas of energy conservation and technologies towards an increased knowledge base of demand-side management and energy efficiency. A comprehensive training curriculum will be implemented to formalize the knowledge base of the survey force. This strategy falls in line with a goal of the WE&T Strategic Plan intended to ensure that minority, low-income and disadvantage individuals fully participate in training and education programs at all levels of demand-side management and energy efficiency.	p. 78
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Short-term (2010-2012) “SMART” <u>Sub-program Objectives:</u>	Source (SP, AL, DR, PIP, or Staff)*	IOU Comments
1. Achieve annual survey targets as identified in PIPs. (If not specified in PIPs, IOUs will provide.)	Staff	
2.		Not a central objective of HEES – to be tracked in coordination with the LIEE program
3. By end of 2012, increase in knowledge/awareness of energy efficiency among program participants relative to 2006-2008 baseline	Staff	
4. Measurement for baseline by end of 2012 to show percentage of HEES participants who subsequently participate in 1 or more additional programs (e.g. Whole House Retrofit, LIEE, ARP, or CSI)	Staff	
5.		
6. By end of 2012, HEES will be leveraged to promote water conservation in partnership with local water agencies, municipals and other key stakeholders	PIP (appended to SP Goal 8.3, as posted above)	

Short-term <u>Sub-program PPMs:</u>	Source (SP, AL, DR, PIP, or Staff)*	Metric Type (2a or 2b)**	Baseline Study Required (Y/N)	IOU Comments
1. Percentage of HEES participants with knowledge of energy efficiency	Staff	2b	Y	

2. Percentage of HEES participants that enroll in another IOU program	Staff	2b	Y	Requires baseline study
3.				Not a central objective of HEES – to be tracked in coordination with the LIEE program

\*SP=Strategic Plan, AL=Advice Letter, DR=Data Request Response, PIP=program plans, Staff=ED proposed. [Include page reference when applicable.]

\*\*Metric type: 2a = reported annually, 2b = reported by end of cycle.

<b>Long-Term (2013-2020) "SMART" Sub-program Objectives:</b>	<b>Source (SP, AL, DR, PIP, or Staff)*</b>
None proposed.	

<b>Long-Term Sub-program MT Indicators:</b>	<b>Source (SP, AL, DR, PIP, or Staff)*</b>	<b>Metric Type (3)**</b>	<b>Baseline Study Required (Y/N)</b>
None proposed.			

\*SP=Strategic Plan, AL=Advice Letter, DR=Data Request Response, PIP=program plans, Staff=ED proposed. [Include page reference when applicable.]

\*\*Metric type: 3 = data collection, tracking, and reporting [by IOUs, CPUC staff, and/or other entities] to be determined later.