

June 3, 2013

**Advice 3389-G/4234-E**

(Pacific Gas and Electric Company - U 39-M)

**Advice 2486-E/2201-G**

(San Diego Gas & Electric Company - U902-M)

**Advice 4502-G**

(Southern California Gas Company – U 904-G)

**Advice 2910-E**

(Southern California Edison Company – U 338-E)

Public Utilities Commission of the State of California

**Subject: Request of Pacific Gas and Electric Company, San Diego Gas & Electric Company, Southern California Gas Company, and Southern California Edison Company to Adopt Short-Term Program Performance Metric (PPM) Targets for 2013-2014 Statewide Energy Efficiency Programs**

**Purpose**

Pacific Gas and Electric Company (PG&E), on behalf of itself, San Diego Gas & Electric Company (SDG&E), Southern California Gas Company (SCG), and Southern California Edison Company (SCE) (together the Investor Owned Utilities (IOUs)), hereby submit for filing, its proposed short-term program performance metric (PPM) quantitative targets and revisions for the 2013-2014 statewide energy efficiency (EE) programs in accordance with guidance from the California Public Utilities Commission (CPUC or Commission) Energy Division staff (Staff).

Attachment 1 to this advice letter (AL) is a “crosswalk” of the 2010-2012 PPMs,<sup>1</sup> showing which programs/subprograms they roll up to under the 2013-2014 EE Portfolio.

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<sup>1</sup> As adopted in Resolution E-4385, Appendix A.

Attachment 2 to this AL includes, for each statewide EE program, a clean and redlined version of proposed targets and revisions to the PPMs. Revisions include PPM modifications, PPM deletions for metrics that are complete or are no longer applicable to the program/subprogram and new proposed PPMs for the 2013-2014 program cycle.

### **Background**

The following provides relevant background related to this AL:

- Resolution E-4385, dated December 2, 2010, approved short-term PPMs for statewide programs and subprograms. These PPMs were incorporated in the 2010-2012 Statewide Program Implementation Plans (PIPs) in January 2011.
- The adopted short-term PPMs were included in the IOUs' proposed 2013-2014 PIPs dated July 2, 2012, per Decision 12-05-015.
- Decision 12-11-015, dated November 15, 2012, approved the 2013-2014 EE programs and budgets and ordered the IOUs to file compliance ALs by January 14, 2013.
- On December 18, 2012, Staff provided further guidance to the IOUs on the short-term PPMs to include quantitative targets for the 2013-2014 cycle. Staff also advised the IOUs to modify or propose new PPMs, if needed, in a subsequent advice letter.

### **Short-Term Program Performance Metrics**

The IOUs worked collaboratively with Staff to review, update, and develop targets for the short-term PPMs adopted in Resolution E-4385. Proposed modifications to the PPMs are based on changes to the programs since the 2010-2012 cycle, the program's progress, relevant Commission direction, and other external factors such as changes in market conditions. In addition, quantitative targets are proposed (where applicable) based on 2010-2012 results, changes in program design, budget, and/or goals, and other significant program factors.

Upon approval of this AL, the IOUs will update their PIPs to reflect the approved 2013-2014 PPMs and quantitative targets through Staff's PIP Addendum Process.

The following section summarizes the IOUs' proposed PPM changes for adoption in the 2013-2014 EE program cycle. See Attachment 2 for all proposed targets and revisions.

## **Summary of Proposed PPM Revisions and Targets**

### **California Statewide Program for Residential Energy Efficiency (CalSPREE or Statewide Residential Program)**

#### **Overarching Program Highlights:**

- Eliminates two customer awareness PPMs (formerly RES-1 under Core Program and RES-14 under Appliance Recycling Subprogram). PG&E and SCE were unable to quantify customer awareness in their 2010-2012 joint study. Therefore, the IOUs recommend: 1) removal of the PPMs as currently formulated, and 2) the Staff/IOUs evaluation, measurement and verification (EM&V) team revisit this metric as part of the development of the 2015 EM&V Plan in order to develop appropriate and measurable indicators.
- Incorporates Residential New Construction and Residential HVAC PPMs, since these subprograms were integrated into the approved Residential Program in 2013-2014.

#### **Plug Load and Appliances:**

- Targets for Business Consumer Electronics (BCE) metrics are proposed for PG&E only, as BCE measures were discontinued for SCE and SDG&E. The BCE program is not applicable for SCG.

#### **Energy Upgrade California (EUC):**

- Updates the PPM language from Prescriptive and Performance “Programs” to “Paths.” This reflects approved 2013-2014 EUC program/subprogram changes.

### **Statewide Commercial, Industrial and Agricultural Programs**

#### **Overarching Program Highlights:**

- Incorporates Savings By Design (under the Calculated Incentives Subprogram) and Commercial Heating, Ventilation and Air Conditioning (HVAC) PPMs, since these subprograms were integrated into the Commercial Program in 2013-2014.

#### **Commercial Deemed Incentives:**

- Eliminates the integrated bonus metric (COMM-1) as the offering is no longer part of the program.

**Continuous Energy Improvement (CEI):**

- Per Staff guidance, integrated project data for CEI participants will be tracked for 2013-14. These updates will be included in the Joint Integrated Demand Side Management (IDSM) Report.
- Metric CIA-2 was modified to track and report CEI participant data disaggregated by mid-size and large customers.

**Statewide Lighting Program****Primary Lighting (Residential Upstream):**

- Consolidates duplicative PPMs from the former Basic and Advanced Lighting subprograms into one PPM under the Primary Lighting Subprogram. The same metric data are provided/available.

**Lighting Market Transformation:**

- Revises PPMs to reflect progress in tracking technology development. This update allows the program to track measure adoption through the Lighting Solutions Workbook, Lighting Solution Pipeline Plans, and Lighting Activity Workbook.

**Statewide Codes and Standards (C&S) Program****Reach Codes:**

- Target to be set by the end of 2013. The development of targets relies on Reach Code cost-effectiveness, which will be calculated in late 2013 once the California Energy Commission (CEC) makes its compliance software available.

**Statewide Emerging Technologies (ET) Program****Overarching Program Highlights:**

- Adds, revises, and removes PPMs to reflect approved 2013-2014 ET program/subprogram changes. For 2013-2014, the ET Program was reorganized to consolidate the previous program elements into three new subprograms:

2013-2014 Subprogram	2010-2012 Program Elements
Technology Development Support	<ul style="list-style-type: none"> <li>• Technology Development &amp; Support</li> <li>• Business Incubation Support</li> <li>• Market and Behavioral Studies</li> </ul>
Technology Assessment	<ul style="list-style-type: none"> <li>• Technology Assessments</li> <li>• Market and Behavioral Studies</li> </ul>
Technology Introduction Support	<ul style="list-style-type: none"> <li>• Scaled Field Placements</li> <li>• Demonstration Showcases</li> <li>• Market and Behavioral Studies</li> </ul>

- Proposes ET-1 and ET-2 to track cumulative results as the ET Program's work often spans several program cycles.
- Removes the former HVAC Program (Technology and Systems Diagnostics Subprogram) PPM, HVAC-8, as the In-Field Fault Detection and Diagnostic Industry Roadmap was completed in April 2012.<sup>2</sup>

### **Statewide Workforce Education and Training (WE&T) Program**

#### Centergies:

- Revises metrics WET-1 and WET-2 to more closely align with the subprogram's focus on the quality of partnerships and collaborations, rather than increase the number of collaborations.
- Revises the WET-3 definition of integrated course content, as agreed upon by Staff and IOUs IDSM and WE&T program teams during the 2010-2012 program cycle. As discussed with Staff, the IOUs will establish a baseline in 2013 for a statewide course evaluation and tracking approach, using the Energy Center list of courses that are included in the 2013-2014 WE&T PIPs.

#### Connections:

- Removes WE&T-6, as a baseline study was completed in 2011.<sup>3</sup>
- Removes the former HVAC Program (WE&T Subprogram) PPM, HVAC-9, as the HVAC WE&T roadmap was completed in 2011.<sup>4</sup>

<sup>2</sup> As reported in the IOUs' 2012 PPM Narrative Reports, submitted June 3, 2013.

<sup>3</sup> As reported in the IOUs' 2010 PPM Narrative Reports, submitted May 2, 2011.

<sup>4</sup> As reported in the IOUs' 2011 PPM Narrative Reports, submitted May 1, 2012.

## **Statewide Integrated Demand Side Management Program**

### Overarching Program Highlights:

- Proposes a new PPM to identify improvement opportunities for integrated program offerings based on customer usage and/or billing data. This PPM would replace the prior metric for IDSM-2, as the development of an integrated audit or survey tool was completed in 2010-2012.
- Modifies IDSM-4 to better reflect program objectives and include data on CEI program participants.
- Additionally, the IOUs will continue to explore potential integrated audit-related metrics with Staff for inclusion in the evaluation process for future cycle metric development.

## **Statewide Finance Program**

The IOUs do not propose PPMs for the Statewide Finance Program at this time. Resolution E-4385 did not include PPMs for the On-Bill Financing (OBF) Program, which is now a subprogram of the Statewide Financing Program. Additionally, the IOUs are awaiting a Commission ruling or decision regarding the 2013-2014 statewide financing pilots that will influence the development of PPMs for the Financing Program.

A baseline study is being conducted for the IOUs by the Cadmus Group (Cadmus) which will assess the residential customers' utilization of financing for the Energy Upgrade California (EUC) program. Cadmus will also develop recommendations for PPMs, market transformation indicators, and market indicators. These measures will be designed to meet criteria defined by the CPUC as fulfilling the EE Strategic Plan, portfolio development, improvements towards market transformation and program specific evaluation efforts. A data tracking review will also be conducted to assess applicants' and trade allies' capabilities to generate and monitor the key metrics required by the pilots.

**Protests**

Anyone wishing to protest this filing may do so by letter sent via U.S. mail, facsimile or E-mail, no later than **June 24, 2013**, which is 21<sup>5</sup> days after the date of this filing. Protests must be submitted to:

CPUC Energy Division  
ED Tariff Unit  
505 Van Ness Avenue, 4<sup>th</sup> Floor  
San Francisco, California 94102

Facsimile: (415) 703-2200  
E-mail: [EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov)

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

The protest shall also be sent to PG&E and other IOUs either via E-mail or U.S. mail (and by facsimile, if possible) at the addresses shown below on the same date it is mailed or delivered to the Commission:

**For PG&E:**

Brian K. Cherry  
Vice President, Regulatory Relations  
Pacific Gas and Electric Company  
77 Beale Street, Mail Code B10C  
P.O. Box 770000  
San Francisco, California 94177

Facsimile: (415) 973-7226  
E-mail: [PGETariffs@pge.com](mailto:PGETariffs@pge.com)

**For SDG&E:**

Attn: Megan Caulson  
Regulatory Tariff Manager  
8330 Century Park Court, Room 32C  
San Diego, CA 92123-1548  
Facsimile No. (858) 654-1879  
E-mail: [MCaulson@semprautilities.com](mailto:MCaulson@semprautilities.com)

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<sup>5</sup> The 20-day protest period concludes on a weekend. Therefore, this date is moved to the next business day consistent with the provisions of General Order 96-B, Section 1.5.

**For SoCalGas:**

Sid Newsom  
Tariff Manager – GT14D6  
555 West 5th Street  
Los Angeles, CA 90013-1011  
Facsimile: (213) 244-4957  
E-mail: [snewsom@semprautilities.com](mailto:snewsom@semprautilities.com)

**For SCE:**

Megan Scott-Kakures  
Vice President, Regulatory Operations  
Southern California Edison Company  
2244 Walnut Grove Avenue  
Rosemead, California 91770  
Facsimile: (626) 302-4829  
E-mail: [AdviceTariffManager@sce.com](mailto:AdviceTariffManager@sce.com)

Leslie E. Starck  
Senior Vice President, Regulatory Policy & Affairs  
c/o Karyn Gansecki  
Southern California Edison Company  
601 Van Ness Avenue, Suite 2030  
San Francisco, California 94102  
Facsimile: (415) 929-5540  
E-mail: [Karyn.Gansecki@sce.com](mailto:Karyn.Gansecki@sce.com)

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name, telephone number, postal address, and (where appropriate) e-mail address of the protestant; and statement that the protest was sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Section 3.11).

**Effective Date**

The Joint IOUs request that this Tier 2 advice letter be approved on regular notice, **July 3, 2013**, which is 30 calendar days after the date of filing, with an **effective date of January 1, 2013**, so that the revised PPMs apply to the whole 2013-2014 Energy Efficiency Portfolio cycle.

**Notice**

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service list for R.09-11-014. Address changes to PG&E's General Order 96-B service list should be directed to PG&E at email address [PGETariffs@pge.com](mailto:PGETariffs@pge.com). Address changes to the other IOUs' General Order 96-B service lists should be directed to IOUs' email addresses shown above. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at [Process\\_Office@cpuc.ca.gov](mailto:Process_Office@cpuc.ca.gov). Send all electronic approvals to [PGETariffs@pge.com](mailto:PGETariffs@pge.com). Advice letter filings can also be accessed electronically at: <http://www.pge.com/tariffs>

A handwritten signature in cursive script that reads "Brian Cherry /sw".

Vice President, Regulatory Relations

Attachment 1 - Crosswalk between 2010-2012 Statewide Program Performance Metrics and 2013-2014 Statewide Energy Efficiency Programs

Attachment 2 - 2013-2014 Statewide Program Performance Metric Targets (Clean and Redline)

cc: Service List R.09-11-014

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **Pacific Gas and Electric Company (ID U39 M)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: **Shirley Wong**

Phone #: **(415) 972-5505**

E-mail: **slwb@pge.com and PGETariffs@pge.com**

EXPLANATION OF UTILITY TYPE

(Date Filed/ Received Stamp by CPUC)

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat WATER = Water

Advice Letter (AL) #: **PG&E AL 3389-G/4234-E, SDG&E AL 2486-E/2201-G, Tier: 2**

**SCG AL 4502-G and SCE AL 2910-E**

Subject of AL: **Request of Pacific Gas and Electric Company, San Diego Gas & Electric Company, Southern California Gas Company, and Southern California Edison Company to Adopt Short-Term Program Performance Metric (PPM) Targets for 2013-2014 Statewide Energy Efficiency Programs**

Keywords (choose from CPUC listing): **Compliance**

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other \_\_\_\_\_

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL:

Is AL requesting confidential treatment? If so, what information is the utility seeking confidential treatment for: No

Confidential information will be made available to those who have executed a nondisclosure agreement: N/A

Name(s) and contact information of the person(s) who will provide the nondisclosure agreement and access to the confidential information: \_\_\_\_\_

Resolution Required?  Yes  No

Requested effective date: **January 1, 2013**

No. of tariff sheets: N/A

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected:

Service affected and changes proposed:

Protests, dispositions, and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division

ED Tariff Unit

505 Van Ness Ave., 4<sup>th</sup> Floor

San Francisco, CA 94102

E-mail: [EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov)

Pacific Gas and Electric Company

Attn: Brian K. Cherry, Vice President, Regulatory Relations

77 Beale Street, Mail Code B10C

P.O. Box 770000

San Francisco, CA 94177

E-mail: [PGETariffs@pge.com](mailto:PGETariffs@pge.com)

**PG&E Advice 3389-G/4234-E**

**SDG&E Advice 2486-E/2201-G**

**SCG Advice 4502-G**

**SCE Advice 2910-E**

**Attachment 1 – Crosswalk between 2010-2012 Statewide Program Performance  
Metrics and 2013-2014 Statewide Energy Efficiency Programs**

### Attachment 1

2010-2012 Reporting PPM ID	2010-2012 Program	2010-2012 Subprogram	2013-2014 Program	2013-2014 Subprogram	2013-2014 Program Performance Metric
<b>Commercial / Industrial / Agricultural Combined</b>					
CIA-1	CIA combined	CIA	CIA combined	CIA	Number and percent (relative to all eligible customers) of commercial, industrial and agricultural customers participating in sub-programs (NRA, Deemed, Calculated, and CEI) by NAICS code, by size (+/- 200 kW per yr or +/- 50K therms per yr), and by Hard to Reach (HTR)*  * "HTR" is as defined in the EE Policy Manual
CIA-2	CIA combined	CEI	CIA combined	CEI	Number and percent of commercial, industrial, and agricultural CEI participants (disaggregated by mid-size/large customers for electric utilities*) that meet short-term (2013-2014) milestones as identified by their long term energy plans.  * Midsize customers are defined as those facilities that have a demand of 200-500 kW and large size customers are those facilities that exceed a demand of 500 kW.
CIA-3	CIA combined	CEI	CIA combined	CEI	Implement lessons learned, best practices from the 2010-2012 cycle for the CEI program. (Y/N)  * Data source: Process evaluation of California's Continuous Energy Improvement Pilot Program conducted by The Cadmus Group Inc., published October 26, 2012
CIA-4	CIA combined	CEI	CIA combined	CEI	Number and percent of commercial, industrial and agricultural customers that created an energy plan via CEI will be tracked by program.
CIA-5	CIA combined	Non- Residential Audits	CIA combined	Energy Advisor	Number and percent of commercial, industrial, and agricultural customers receiving non-residential audits by segment.
CIA-6	CIA combined	Non- Residential Audits	CIA combined	Energy Advisor	For commercial, industrial, and agricultural customers who received audits, the number and percent of audits which successfully converted to customer participation in IOU programs over the three year useful life of the audit.*  * Only audits which have been active for the full useful life period of three calendar years will be reported.

### Attachment 1

2010-2012 Reporting PPM ID	2010-2012 Program	2010-2012 Subprogram	2013-2014 Program	2013-2014 Subprogram	2013-2014 Program Performance Metric
CIA-7	CIA combined	Deemed Incentives	CIA combined	Deemed Incentives	Number and percent of new, improved, or ETP measures* installed in the commercial, industrial and agricultural programs. * "ETP measure" defined as ET measures first introduced into the EE portfolio since January 1, 2006
CIA-8	CIA combined	Calculated Incentives	CIA combined	Calculated Incentives	Number and percent of new, improved, or ETP measures installed in completed calculated projects.
CIA-9	CIA combined	Calculated Incentives	CIA combined	Calculated Incentives	Number, percent, and ex-ante savings from commercial, industrial and agricultural sector of projects with ETP measures* included. * "ETP measure" defined as ET measures first introduced into the EE portfolio since January 1, 2006
Comm-1	Commercial	Deemed Incentives			Delete - See Attach2.2 CIA
Comm-2	Commercial	Direct Install	Commercial	Direct Install	Number and percent of Direct Install participants that participate in other resource programs or OBF.
Comm-3	Commercial	Direct Install	Commercial	Direct Install	Number and percent of participants that are hard to reach (HTR).
Ind-1.1	Industrial	Industrial	Industrial	Industrial	Number of first time <sup>6</sup> participants in energy efficiency programs. (Report disaggregate data by sub-program)
Ind-1.2	Industrial	Industrial	Industrial	Industrial	Percent of first time <sup>6</sup> participants in energy efficiency programs. (Report disaggregate data by sub-program)
Ag-1.1	Agricultural	Agricultural	Agricultural	Agricultural	Number of first time <sup>6</sup> participants in energy efficiency programs. (Report disaggregate data by sub-program)
Ag-1.2	Agricultural	Agricultural	Agricultural	Agricultural	Percent of first time <sup>6</sup> participants in energy efficiency programs. (Report disaggregate data by sub-program)
Ag-2	Agricultural	Pump Efficiency Services	Agricultural	Energy Advisor	Percent of agricultural pump tests that lead to a repair or replacement.
RES-1	Residential	Residential			Delete - See Attach2.1 - Residential

### Attachment 1

2010-2012 Reporting PPM ID	2010-2012 Program	2010-2012 Subprogram	2013-2014 Program	2013-2014 Subprogram	2013-2014 Program Performance Metric
RES-2.1	Residential	HEES	Residential	Energy Advisor	Percentage of customers that complete the Energy Advisor Survey and/or create an action plan that then go on to participate in (a) Energy Upgrade California Subprogram
RES-2.2	Residential	HEES	Residential	Energy Advisor	Percentage of customers that complete the Energy Advisor Survey and/or create an action plan that then go on to participate in (b) other resource programs
RES-3	Residential	Home EE Rebate	Residential	Plug Load and Appliances	Within Home Energy Efficiency Rebates, percentage of program rebates made through the point-of-sale process relative to all rebates
RES-4	Residential	Home EE Rebate	Residential	Plug Load and Appliances	Within Home Energy Efficiency Rebates, percentage of participating stores located in hard-to-reach (HTR) <sup>1</sup> zip-codes relative to all program participating stores.* * The data for this metric applies to rebates made through the point of sale (POS) process.
RES-5	Residential	MF EE Rebate	Residential	MF EE Rebates	Percentage of non-lighting measure savings as compared to the total EE measures adopted in the MFEER program. (KWh for single-commodity IOU and BTU for mixed-commodity IOU.)
RES-6	Residential	BCE	Residential	Plug Load and Appliances	Within Business Consumer Electronics, the number of participating retailers/resellers in the program, and the number of retail store locations by retailer participating in the program.
RES-7	Residential	BCE	Residential	Plug Load and Appliances	Within Business Consumer Electronics, the number of participating retailers receiving detailing and training.
RES-8	Residential	BCE	Residential	Plug Load and Appliances	Within Business Consumer Electronics, the numbers and names of specific types of market actors (retailers, and buying groups) participating in the program and the approximate percent of all potential market actors that this represents.
RES-9	Residential	Advanced Lighting	Lighting	Primary Lighting	By product type, percent kW/kWh/Quantity of incented products under the Basic Lighting grouping (bare spiral, non dimmable CFLs <=30w) and Advanced Lighting grouping (other products such as covered CFLs, LED, fixtures).

### Attachment 1

2010-2012 Reporting PPM ID	2010-2012 Program	2010-2012 Subprogram	2013-2014 Program	2013-2014 Subprogram	2013-2014 Program Performance Metric
RES-10	Residential	Advanced Lighting	Lighting	Primary Lighting	Percent of products incented under the Basic Lighting grouping (bare spiral, non dimmable CFLs <=30w) and Advanced Lighting grouping (other products such as covered CFLs, LED, fixtures) by distribution channel* and by hard-to-reach (HTR)** zip-codes.  *Distribution channels" are as defined in 06-08 Upstream Lighting Study  **"HTR" is as defined in the EE Policy Manual
RES-11	Residential	Basic CFL	Lighting	Primary Lighting	During 2013-2014, implement marketing efforts and/or campaign to encourage prompt installation of CFLs as required in D.09-09-047. (Y/N)
RES-12	Residential	Basic CFL			Delete - See Attach2.3 - Lighting
RES-13	Residential	Basic CFL			Delete - See Attach2.3 - Lighting
RES-14	Residential	Appliance Recycling			Delete - See Attach2.1 - Residential
RES-15	Residential	Appliance Recycling	Residential	Plug Load and Appliances	Within the Appliance Recycling Program, number of program appliance units by year, appliance type, age (estimated), and size.
RES-16.1	Residential	Whole House Retrofit	Residential	Energy Upgrade California	Number of homes treated in the program. (Report by <b>prescriptive</b> path.)
RES-16.2	Residential	Whole House Retrofit	Residential	Energy Upgrade California	Number of homes treated in the program. (Report by <b>performance</b> path.)
RES-17	Residential	Whole House Retrofit	Residential	Energy Upgrade California	Number of enrolled contracting firms participating in the program
RES-18.1	Residential	Whole House Retrofit	Residential	Energy Upgrade California	Average Ex-ante savings per home as reported (average kWh, therms, kW) for <b>performance</b> path by climate zone
RES-18.2	Residential	Whole House Retrofit	Residential	Energy Upgrade California	Average Ex-ante savings per home as reported (average kWh, therms, kW) for <b>prescriptive</b> path by climate zone
RES-19	Residential	Whole House Retrofit	Residential	Energy Upgrade California	Average and range of energy savings per home ( <b>prescriptive and performance paths</b> )
RES-20.1	Residential	Whole House Retrofit	Residential	Energy Upgrade California	Number of homes not passing Quality Assurance/Quality Control review, by IOU
RES-20.2	Residential	Whole House Retrofit	Residential	Energy Upgrade California	Percentage of homes not passing Quality Assurance/Quality Control review, by IOU

**Attachment 1**

2010-2012 Reporting PPM ID	2010-2012 Program	2010-2012 Subprogram	2013-2014 Program	2013-2014 Subprogram	2013-2014 Program Performance Metric
LMT-1	Lighting Market Transform.	LMT	Lighting	Lighting Market Transform.	Update the Lighting Solution Workbook using available information from IOUs, Energy Division and external parties. (Y/N)
LMT-2	Lighting Market Transform.	LMT	Lighting	Lighting Market Transform.	Provide an update on the pipeline plans from this program in the annual June LMT Report. (Y/N)
LMT-3	Lighting Market Transform.	LMT	Lighting	Lighting Market Transform.	Update the Lighting Activity Workbook using available information from IOUs, Energy Division and external parties, and submit at the end of the 2013-2014 cycle. (Y/N)
LMT-4	Lighting Market Transform.	LMT	Lighting	Lighting Market Transform.	Number of EE lighting measures added, removed, or updated as a result of LMT activities and influence, and reported in annual LMT June Report
NC-1	New Construction	CAHP	Residential	Residential New Construction	Number and percentage of committed CAHP participant homes (applied and accepted) with modeled, ex-ante savings exceeding 2008 T24 units (Single family (SF) and multi-family (MF)) by 15%-19%, by 20%-29%, 30%-39%, and 40+%.
NC-2	New Construction	CAHP	Residential	Residential New Construction	Percentage of (current year SF CAHP program paid units)/ (SF building permits within service territories from the previous year)
NC-3	New Construction	CAHP	Residential	Residential New Construction	Percentage of (current year MF CAHP program paid units)/ (MF building permits within service territories from the previous year)
NC-4	New Construction	CAHP	Residential	Residential New Construction	Number and percentage of CAHP participant new homes verified <sup>9</sup> by IOUs' HERS which exceed Title 24 (T24) building standards (SF and MF) by 15%-19%, 20%-29%, 30%-39%, 40%-70%.
NC-5	New Construction	ES Mfg. Homes	Residential	Residential New Construction	Within ENERGY STAR® Manufactured Homes, the number of manufactured housing units sold in IOU service territories (via retailers and/or manufacturers) participating in program
NC-6	New Construction	ES Mfg. Homes	Residential	Residential New Construction	Within ENERGY STAR® Manufactured Homes, the number and percentage of participating projects utilizing: (a) whole house incentive for gas heat; (b) whole house incentive for electric heat
NC-7	New Construction	SBD	Commercial	Calculated Incentives	For the Savings By Design program, average site energy install, ex-ante (kBtu/sq ft-yr and demand (kW/sq ft) for participating commercial new construction by building type and climate zone

### Attachment 1

2010-2012 Reporting PPM ID	2010-2012 Program	2010-2012 Subprogram	2013-2014 Program	2013-2014 Subprogram	2013-2014 Program Performance Metric
NC-8	New Construction	SBD	Commercial	Calculated Incentives	For the Savings By Design program, percentage of committed participating Whole Building Approach projects that are expected to reach a minimum of 40% less energy than 2008 T24 codes requirements  * For 2013, this metric will be based on 2008 T-24 code requirements and for 2014, will focus on the new 2013 T-24 code requirements
CS-1	Codes & Standards	Bldg. Stds. Advocacy	Codes & Standards	Building Codes Advocacy	Number of Residential and Commercial CASE studies, as defined in Building Standards Objectives 1 & 2 for which adoption by the CEC is anticipated by the IOUs, targeting efficient technologies practices and design in each of the following areas: lighting; HVAC; envelope; water heating; and cross-cutting measures in support of the following: (a) Integrated Design, including data management and automated diagnostic systems, with emphasis on HVAC aspects of Whole Building, (b) ZNE technologies, practices, and design in Residential Sector, (c) Peak efficient technologies including plug loads and HVAC technologies, (d) Advanced Lighting Technologies
CS-2	Codes & Standards	App. Stds. Advocacy	Codes & Standards	Appliance Standards Advocacy	Number of draft CASE Studies, as defined in Appliance Standards Objective 1, developed as mutually agreed upon by the CEC and IOUs in support of plug loads, refrigeration, advanced lighting, and/or other technologies that are adopted by the CEC, within authorized budget.
CS-3	Codes & Standards	Compliance Enhance.	Codes & Standards	Compliance Improvement	Number of role-based, Title 24, training sessions delivered.
CS-4	Codes & Standards	Reach Codes	Codes & Standards	Reach Codes	Number of jurisdictions in IOU Service territories with CEC approved Reach Codes in residential and/or commercial sectors as a result of the RC sub-program activities.
HVAC-1.1	HVAC	Upstream HVAC			Delete - see Attach2.2-CIA
HVAC-1.2	HVAC	Upstream HVAC	Commercial	Commercial HVAC	The number of units, in tons of capacity, that are incentivized in the commercial distributor incentive program
HVAC-1.3	HVAC	Upstream HVAC			Delete - see Attach2.2-CIA
HVAC-2	HVAC	Upstream HVAC	Commercial	Commercial HVAC	The distributor stocking percentage of units eligible for the commercial distributor incentive program. (Note: Assumes availability of individual distributor data and/or aggregated data from HARDI.)

**Attachment 1**

2010-2012 Reporting PPM ID	2010-2012 Program	2010-2012 Subprogram	2013-2014 Program	2013-2014 Subprogram	2013-2014 Program Performance Metric
HVAC-3	HVAC	Res ES Quality Installation	Residential	Residential HVAC	Percentage of HVAC contracting companies that are participating in statewide residential QI program as a share of the targeted market* * "Target market" defined as C20 licensed HVAC contracting companies in CA.
HVAC-4	HVAC	Res ES Quality Installation	Residential	Residential HVAC	Average percentage of "certified" HVAC technicians within each contracting company that participates in the residential QI program.
HVAC-5	HVAC	Com Quality Installation	Commercial	Commercial HVAC	Percentage of HVAC contracting companies that are participating in statewide commercial QI program as a share of the targeted market* * "Target market" defined as C20 licensed HVAC contracting companies in CA.
HVAC-6	HVAC	Com Quality Installation	Commercial	Commercial HVAC	Average percentage of "certified" HVAC technicians within each contracting company that participates in the commercial QI program.
HVAC-7 (Com)	HVAC	Quality Maintenance Dev	Commercial	Commercial HVAC	Number of participating contractors in Commercial Quality Maintenance program.
HVAC-7 (Res)	HVAC	Quality Maintenance Dev	Residential	Residential HVAC	Number of participating contractors in Residential Quality Maintenance program.
HVAC-8	HVAC	Tech and System Diagnostics			Delete - See Attach2.5 - ET
HVAC-9	HVAC	WE&T			Delete - See Attach2.6 - WET
ET-1	Emerging Tech.	Emerging Tech.	Emerging Tech.	Emerging Tech	The cumulative number of new "proven" ET measures adopted* into the EE Portfolio from 2010 forward. * "Adoption" means measure is available to end-use customers through IOU programs. Adoption of a measure may be attributed to one or more ET sub-programs.

**Attachment 1**

2010-2012 Reporting PPM ID	2010-2012 Program	2010-2012 Subprogram	2013-2014 Program	2013-2014 Subprogram	2013-2014 Program Performance Metric
ET-2	Emerging Tech.	Emerging Tech.	Emerging Tech.	Emerging Tech	Cumulative potential energy impacts** (energy savings and demand reduction) of the adopted ET measures into the EE portfolio from 2010 forward.  **Potential energy impacts to be reported based on ET project findings and estimated market potential (reported through quarterly ET database updates)
ET-3	Emerging Tech.	Tech. Assessment	Emerging Tech.	Technology Assessment	Number of technology assessment projects completed, including but not limited to each of the following: (a) Advanced HVAC technologies (b) High efficiency plug loads and appliances (c) Advanced lighting technologies (d) Other
ET-4	Emerging Tech.	Scaled Field Placement			Delete - See Attach2.5 - ET
ET-5	Emerging Tech.	Demonstration Showcases			Delete - See Attach2.5 - ET
ET-6	Emerging Tech.	Mkt. and Behav. Studies			Delete - See Attach2.5 - ET
ET-7	Emerging Tech.	Tech. Dev. Support	Emerging Tech.	Technology Development Support	Number of new performance specifications and/or Use Cases* produced as a result of TDS sub-program.  * "Use Cases" describe the need for a technology or application.
ET-8	Emerging Tech.	Tech. Dev. Support			Delete - See Attach2.5 - ET
ET-9	Emerging Tech.	Tech. Res. Incubation			Delete - See Attach2.5 - ET
ET-10	Emerging Tech.	Tech. Testing Center			Delete - See Attach2.5 - ET
New			Emerging Tech.	Technology Introduction Support	Number of technology introduction support projects conducted.
IDSM-1	IDSM	IDSM	IDSM	IDSM	Awareness and knowledge among relevant IOU program staff (e.g. program managers, DSM leadership, program designers, field engineers, and account executives) regarding how IDSM relates to and impacts their efforts and programs
IDSM-2	IDSM	IDSM	IDSM	IDSM	The IOUs will document lessons learned, improvement options, and leveraging opportunities from customer usage and/or billing data where possible during the 2013-2014 program cycle. (Y/N).

**Attachment 1**

2010-2012 Reporting PPM ID	2010-2012 Program	2010-2012 Subprogram	2013-2014 Program	2013-2014 Subprogram	2013-2014 Program Performance Metric
IDS-3	IDS	IDS	IDS	IDS	Number and percentage of integrated audits provided to each customer segment (Res, Comm, Ind, Ag).
IDS-4	IDS	IDS	IDS	IDS	A status report that highlights IOU integrated demand-side management program pilots and offerings. The report should include lessons learned, best practices, and opportunities for improvement, focusing on how the program portfolio is addressing strategic planning goals / objectives and D.09-09-047 directives regarding integration, as well as the IDS program 2013-2014 objectives. The status report will also include the number and type of projects (EE, DR, or DG) implemented by each customer who participates in the CEI program. (Y/N)
IDS-5	IDS	IDS	IDS	IDS	For Residential, Commercial, Industrial, and Agricultural customers who received integrated audits, the number and percent of integrated audits that successfully converted to customer participation in IOU programs over the three year useful life of the integrated audit (conversion separated by EE, DR, DG).*
IDS-6	IDS	IDS	IDS	IDS	Establish a baseline for program participant awareness of IDS practices in each of the market sector subprograms.
MEO-1	ME&O	ME&O			N/A
MEO-2	ME&O	ME&O			N/A
MEO-3	ME&O	ME&O			N/A
WET-1	WE&T	Centergies	Workforce Education and Training	Centergies	<p>Number of collaborations* with partners**. (Tracked and reported by and number of partners and partner type.)</p> <p>* "Collaboration" includes, but is not limited to seminars, outreach events and consultations as needed. These collaborations include exchanges of monetary or in-kind support and services (i.e., sharing meeting facilities, marketing/promotional services, etc.).</p> <p>** Partners include, but are not limited to professional organizations, trade associations/apprenticeship programs, CBO's, community colleges, and universities.</p>

**Attachment 1**

2010-2012 Reporting PPM ID	2010-2012 Program	2010-2012 Subprogram	2013-2014 Program	2013-2014 Subprogram	2013-2014 Program Performance Metric
WET-2	WE&T	Centergies	Workforce Education and Training	Centergies	<p>Number of collaborations* with organizations serving underserved communities.**</p> <p>* "Collaboration" includes, but is not limited to seminars, outreach events and consultations as needed. These collaborations include exchanges of monetary or in-kind support and services (i.e., sharing meeting facilities, marketing/promotional services, etc.).</p> <p>** Underserved communities include, but are not limited to, people who are low-income, minority, military veterans, and/or live in geographically remote areas.</p>
WET-3	WE&T	Centergies	Workforce Education and Training	Centergies	<p>Increase percentage of classes with integrated content over 2013 baseline.</p> <p>* If a training program meets either or both of the criteria below, the programs are classified as "integrated":</p> <ol style="list-style-type: none"> <li>1. Integration through a balance of building systems content Course content includes material on at least two building systems (i.e. mechanical, building envelope, lighting, solar, water, etc.) their relevance to one another, and how an integrated systems approach optimizes overall demand management with impacts that address energy efficiency, demand response, or smaller renewable energy systems.</li> <li>2. Integration through technology content Technologies discussed can be used to fulfill at least two of the three subjects of Integrated Demand Side Management (EE, DR, DG). IDSM technology examples would include dimming ballasts, Energy Management Systems, controls, or any technology with a work paper that includes both kW and kWh savings.</li> </ol> <p>Energy efficiency technologies result in permanent load reduction and are therefore not demand response technologies. Demand response technologies have the ability to respond to a demand response event for temporary load reduction. Distributed generation technologies deliver power to an individual building or set of buildings.</p>

### Attachment 1

2010-2012 Reporting PPM ID	2010-2012 Program	2010-2012 Subprogram	2013-2014 Program	2013-2014 Subprogram	2013-2014 Program Performance Metric
WET-4	WE&T	Connections	Workforce Education and Training	Connections	<p>Percent increase in educational collaborations* with partners. (Tracked and reported by educational level, and by number of partners serving Title-1 communities**.)</p> <p>* Educational "collaboration" includes, but is not limited to seminars, outreach events and consultations as needed. These collaborations include exchanges of monetary or in-kind support and services (i.e., sharing meeting facilities, marketing/promotional services, etc.).</p> <p>** Title 1 community is defined as a ZIP code where a Title 1 school is located.</p>
WET-5	WE&T	Connections	Workforce Education and Training	Connections	Percent of K-12 WET Connection program participants that are Title 1 schools.
WET-6	WE&T	Connections			Delete - See Attach2.6 - WET
WET-7	WE&T	Connections	Workforce Education and Training	Connections	<p>Number of post-secondary continuing education outreach partnerships* in WET Connections.</p> <p>* Post-secondary continuing education outreach partnerships include; organizations, agencies, unions, non-profits that provide EE related training and career education to disadvantaged young adults with barriers to education or employment, including minority and low income young adults.</p>

**PG&E Advice 3389-G/4234-E**

**SDG&E Advice 2486-E/2201-G**

**SCG Advice 4502-G**

**SCE Advice 2910-E**

**Attachment 2 – 2013-2014 Statewide Program Performance Metric Targets**

**Clean and Redline**

Attachment 2.1 – Residential

Attachment 2.1.1 – Residential New Construction -PG&E

Attachment 2.1.2 – Residential New Construction -SCE

Attachment 2.1.3 – Residential New Construction –SDG&E

Attachment 2.1.4 – Residential New Construction -SCG

Attachment 2.2 – Commercial, Industrial and Agricultural

Attachment 2.3 – Lighting

Attachment 2.4 – Codes & Standards

Attachment 2.5 – Emerging Technology Program

Attachment 2.6 – Workforce Education & Training

Attachment 2.7 – Integrated Demand Side Management

Attachment 2.1 – Residential

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets			
					PG&E	SCE	SDG&E	SCG
RES-2.1	Residential	Energy Advisor	Percentage of customers that complete the Energy Advisor Survey and/or create an action plan that then go on to participate in (a) Energy Upgrade California Subprogram	2b	0.07%	0.12%	2.82%	0.01%
RES-2.2	Residential	Energy Advisor	Percentage of customers that complete the Energy Advisor Survey and/or create an action plan that then go on to participate in (b) other resource programs	2b	7.3%	17.0%	0.4%	0.3%
RES-3	Residential	Plug Load and Appliances	Within Home Energy Efficiency Rebates, percentage of program rebates made through the point-of-sale process relative to all rebates	2a	2.5%	20.0%	8.0%	20.0%
RES-4	Residential	Plug Load and Appliances	Within Home Energy Efficiency Rebates, percentage of participating stores located in hard-to-reach (HTR) <sup>1</sup> zip-codes relative to all program participating stores.*  * The data for this metric applies to rebates made through the point of sale (POS) process.	2a	40.0%	25.0%	30.0%	15.0%
RES-5	Residential	MF EE Rebates	Percentage of non-lighting measure savings as compared to the total EE measures adopted in the MFEER program. (KWh for single-commodity IOU and BTU for mixed-commodity IOU.)	2a	65.0%	3.0%	40.0%	N/A
RES-6	Residential	Plug Load and Appliances	Within Business Consumer Electronics, the number of participating retailers/resellers in the program, and the number of retail store locations by retailer participating in the program.	2a	# of participating retailers/resellers: 9 # of retail store locations: 341	N/A	N/A	N/A
RES-7	Residential	Plug Load and Appliances	Within Business Consumer Electronics, the number of participating retailers receiving detailing and training.	2a	# of retailers receiving detailing: 9 # of retailers receiving training: 9	N/A	N/A	N/A
RES-8	Residential	Plug Load and Appliances	Within Business Consumer Electronics, the numbers and names of specific types of market actors (retailers, and buying groups) participating in the program and the approximate percent of all potential market actors that this represents.	2b	# of specific market actors: retailers: 8 buying groups: 1  Market actors: Retailers & buying groups: Yes will be provided  % of all potential market actors: 90%	N/A	N/A	N/A
RES-15	Residential	Plug Load and Appliances	Within the Appliance Recycling Program, number of program appliance units by year, appliance type, age (estimated), and size.	2a	18,500	80,000	29,000	N/A

Attachment 2.1 – Residential

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets			
					PG&E	SCE	SDG&E	SCG
RES-16.1	Residential	Energy Upgrade California	Number of homes treated in the program. (Report by <b>prescriptive</b> path.)	2a	220	660	2,600	Included with SCE
RES-16.2	Residential	Energy Upgrade California	Number of homes treated in the program. (Report by <b>performance</b> path.)	2a	6,700	1,320	650	Included with SCE
RES-17	Residential	Energy Upgrade California	Number of enrolled contracting firms participating in the program	2a	240	75	160	Included with SCE
RES-18.1	Residential	Energy Upgrade California	Average Ex-ante savings per home as reported (average kWh, therms, kW) for <b>performance</b> path by climate zone	2a	Track and Report	Track and Report	Track and Report	Track and Report
RES-18.2	Residential	Energy Upgrade California	Average Ex-ante savings per home as reported (average kWh, therms, kW) for <b>prescriptive</b> path by climate zone	2a	Track and Report	Track and Report	Track and Report	Track and Report
RES-19	Residential	Energy Upgrade California	Average and range of energy savings per home ( <b>prescriptive and performance paths</b> )	2b	Prescriptive average savings: 0.20 kW 100 kWh 20 therms  Performance average savings: 1.50 kW 1,000 kWh 220 therms	Prescriptive average savings: 1.12 kW 249 kWh 64 therms  Performance average savings: 4.12 kW 2,443 kWh 197 therms	Prescriptive average savings: 0.3 kW 397.2 kWh 55.4 therms  Performance average savings: 0.3 kW 2,898 kWh 262 therms	Included with SCE
RES-20.1	Residential	Energy Upgrade California	Number of homes not passing Quality Assurance/Quality Control review, by IOU	2a	5% maximum	7% maximum	8% maximum	Included with SCE
RES-20.2	Residential	Energy Upgrade California	Percentage of homes not passing Quality Assurance/Quality Control review, by IOU	2a	5% maximum	7% maximum	8% maximum	Included with SCE
NC-1	Residential	Residential New Construction	Number and percentage of committed CAHP participant homes (applied and accepted) with modeled, ex-ante savings exceeding 2008 T24 units (Single family (SF) and multi-family (MF)) by 15%-19%, by 20%-29%, 30%-39%, and 40+%.	2a	SEE TABLE "RES-RNC_PGE"	SEE TABLE "RES-RNC_SCE"	SEE TABLE "RES-RNC_SDGE"	SEE TABLE "RES-RNC_SCG"
NC-2	Residential	Residential New Construction	Percentage of (current year SF CAHP program paid units)/ (SF building permits within service territories from the previous year)	2a	SEE TABLE "RES-RNC_PGE"	SEE TABLE "RES-RNC_SCE"	SEE TABLE "RES-RNC_SDGE"	SEE TABLE "RES-RNC_SCG"
NC-3	Residential	Residential New Construction	Percentage of (current year MF CAHP program paid units)/ (MF building permits within service territories from the previous year)	2a	SEE TABLE "RES-RNC_PGE"	SEE TABLE "RES-RNC_SCE"	SEE TABLE "RES-RNC_SDGE"	SEE TABLE "RES-RNC_SCG"

Attachment 2.1 – Residential

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets			
					PG&E	SCE	SDG&E	SCG
NC-4	Residential	Residential New Construction	Number and percentage of CAHP participant new homes verified <sup>9</sup> by IOUs' HERS which exceed Title 24 (T24) building standards (SF and MF) by 15%-19%, 20%-29%, 30%-39%, 40%-70%.	2b	SEE TABLE "RES-RNC_PGE"	SEE TABLE "RES-RNC_SCE"	SEE TABLE "RES-RNC_SDGE"	SEE TABLE "RES-RNC_SCG"
NC-5	Residential	Residential New Construction	Within ENERGY STAR® Manufactured Homes, the number of manufactured housing units sold in IOU service territories (via retailers and/or manufacturers) participating in program	2a	N/A	SEE TABLE "RES-RNC_SCE"	SEE TABLE "RES-RNC_SDGE"	SEE TABLE "RES-RNC_SCG"
NC-6	Residential	Residential New Construction	Within ENERGY STAR® Manufactured Homes, the number and percentage of participating projects utilizing: (a) whole house incentive for gas heat; (b) whole house incentive for electric heat	2a	N/A	SEE TABLE "RES-RNC_SCE"	SEE TABLE "RES-RNC_SDGE"	SEE TABLE "RES-RNC_SCG"
HVAC-3	Residential	Residential HVAC	Percentage of HVAC contracting companies that are participating in statewide residential QI program as a share of the targeted market* * "Target market" defined as C20 licensed HVAC contracting companies in CA.	2a	1.0%	0.5%	1.0%	0.2%
HVAC-4	Residential	Residential HVAC	Average percentage of "certified" HVAC technicians within each contracting company that participates in the residential QI program.	2b	20.0%	40.0%	10.0%	5.0%
HVAC-7.1	Residential	Residential HVAC	Number of participating contractors in Residential Quality Maintenance program.	2a	130	15	12	5

Attachment 2.1 – Residential

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets				Comments
					PG&E	SCE	SDG&E	SCG	
RES-2.1	Residential	HEES-Energy Advisor	Percentage of <del>HEES participants that enroll in (a) whole-house</del> customers that complete the Energy Advisor Survey and/or create an action plan that then go on to participate in (a) Energy Upgrade California Subprogram	2b	0.07%	0.12%	2.82%	0.01%	Language added for clarification and to update to the current names of what were the HEES and Whole House programs.
RES-2.2	Residential	HEES-Energy Advisor	Percentage of <del>HEES participants that enroll in</del> customers that complete the Energy Advisor Survey and/or create an action plan that then go on to participate in (b) other resource programs	2b	7.3%	17.0%	0.4%	0.3%	Language added for clarification and to update to the current name of what was the HEES program.
RES-3	Residential	Home-EE-Rebate-Plug Load and Appliances	Within Home Energy Efficiency Rebates, <del>P</del> percentage of program rebates made through the point-of-sale <del>mode process</del> relative to all rebates	2a	2.5%	20.0%	8.0%	20.0%	Originally, this was a HEER metric; language added for clarification.
RES-4	Residential	Home-EE-Rebate-Plug Load and Appliances	Within Home Energy Efficiency Rebates, <del>P</del> percentage of participating stores located in hard-to-reach (HTR) <sup>1</sup> zip-codes relative to all program participating stores.*  * The data for this metric applies to rebates made through the point of sale (POS) <del>mode process</del> .	2a	40.0%	25.0%	30.0%	15.0%	Originally, this was a HEER metric; language added for clarification.
RES-5	Residential	MF EE Rebates	Percentage of non-lighting measure savings as compared to the total EE measures adopted in the MFEER program. (KWh for single-commodity IOU and BTU for mixed-commodity IOU.)	2a	65.0%	3.0%	40.0%	N/A	No change to PPM  Metric reported in therms; SCE reflects savings for electric-only utility
RES-6	Residential	BCE-Plug Load and Appliances	Within Business Consumer Electronics, the <del>N</del> number of participating retailers/ <del>resellers in the program,</del> and the number of retail store locations by retailer <del>participating in the program, and other resellers receiving training.</del>	2a	# of participating retailers/resellers: 9 # of retail stores locations: 341	N/A	N/A	N/A	Language added for clarification; "training" moved from Res-6 to Res-7 for clarity.  PG&E PPM only: BCE measures were discontinued for SCE and SDG&E
RES-7	Residential	BCE-Plug Load and Appliances	Within Business Consumer Electronics, the <del>N</del> number of participating retailers receiving detailing <del>and training.</del>	2a	# of retailers receiving detailing: 9 # of retailers receiving training: 9	N/A	N/A	N/A	Language added for clarification; "training" moved from Res-6 to Res-7 for clarity.  PG&E PPM only: BCE measures were discontinued for SCE and SDG&E
RES-8	Residential	BCE-Plug Load and Appliances	Within Business Consumer Electronics, the <del>N</del> numbers and names of specific types of market actors (retailers, <del>and buying groups, manufacturers, and distributors</del> ) participating in the program and the approximate percent of all potential market actors that this represents.	2b	# of specific market actors: retailers: 8 buying groups: 1  Market actors: Retailers & buying groups: Yes will be provided  % of all potential market actors: 90%	N/A	N/A	N/A	Language added for clarification. "Manufacturers" and "distributors" removed because no longer relevant.  PG&E PPM only: BCE measures were discontinued for SCE and SDG&E
RES-15	Residential	Appliance-Recycling-Plug Load and Appliances	Within the Appliance Recycling Program, <del>N</del> number of program appliance units by year, appliance type, <del>model # (as available),</del> age (estimated), and size.	2a	18,500	80,000	29,000	N/A	Language added for clarification; "model number" not relevant to report in PPM because this is part of data collected through the process evaluation/data request.

Attachment 2.1 – Residential

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets				Comments
					PG&E	SCE	SDG&E	SCG	
RES-16.1	Residential	<del>Whole House Retrofit-Energy Upgrade California</del>	Number of homes treated in the program <del>for 2010-2012</del> . (Report by <del>prescriptive program path</del> .)	2a	220	660	2,600	Included with SCE	Language updated for clarification.
RES-16.2	Residential	<del>Whole House Retrofit-Energy Upgrade California</del>	Number of homes treated in the program <del>for 2010-2012</del> . (Report by <del>performance program path</del> .)	2a	6,700	1,320	650	Included with SCE	Language updated for clarification.
RES-17	Residential	<del>Whole House Retrofit-Energy Upgrade California</del>	Number of enrolled contracting firms participating in the program	2a	240	75	160	Included with SCE	No change to PPM
RES-18.1	Residential	<del>Whole House Retrofit-Energy Upgrade California</del>	Average Ex-ante savings per home as reported (average kWh, therms, kW) for <del>performance program path</del> by climate zone	2a	Track and Report	Track and Report	Track and Report	Track and Report	Setting targets by climate zone is too granular and impractical.
RES-18.2	Residential	<del>Whole House Retrofit-Energy Upgrade California</del>	Average Ex-ante savings per home as reported (average kWh, therms, kW) for <del>prescriptive program path</del> by climate zone	2a	Track and Report	Track and Report	Track and Report	Track and Report	Setting targets by climate zone is too granular and impractical.
RES-19	Residential	<del>Whole House Retrofit-Energy Upgrade California</del>	Average and range of <del>evaluated</del> energy savings per home ( <del>prescriptive and performance programs paths</del> )	2b	Prescriptive average savings: 0.20 kW 100 kWh 20 therms  Performance average savings: 1.50 kW 1,000 kWh 220 therms	Prescriptive average savings: 1.12 kW 249 kWh 64 therms  Performance average savings: 4.12 kW 2,443 kWh 197 therms	Prescriptive average savings: 0.3 kW 397.2 kWh 55.4 therms  Performance average savings: 0.3 kW 2,898 kWh 262 therms	Included with SCE	"Evaluated" removed, since unnecessary and can be incorrectly confused with an EM&V meaning.  Setting targets for range of savings is impractical.
RES-20.1	Residential	<del>Whole House Retrofit-Energy Upgrade California</del>	Number of homes not passing Quality Assurance/Quality Control review, by IOU	2a	5% maximum	7% maximum	8% maximum	Included with SCE	No change to PPM
RES-20.2	Residential	<del>Whole House Retrofit-Energy Upgrade California</del>	Percentage of homes not passing Quality Assurance/Quality Control review, by IOU	2a	5% maximum	7% maximum	8% maximum	Included with SCE	No change to PPM
NC-1	<del>New-Construction-Residential</del>	CAHP-Residential New Construction	Number and percentage of committed CAHP participant homes (applied and accepted) with modeled, ex-ante savings exceeding 2008 T24 units (Single family (SF) and multi-family (MF)) by 15%-19%, by 20%-29%, 30%-39%, and 40+%.	2a	SEE TABLE "RES-RNC_PGE"	SEE TABLE "RES-RNC_SCE"	SEE TABLE "RES-RNC_SDGE"	SEE TABLE "RES-RNC_SCG"	No change to PPM
NC-2	<del>New-Construction-Residential</del>	CAHP-Residential New Construction	Percentage of (current year SF CAHP program paid units)/ (SF building permits within service territories from the previous year)	2a	SEE TABLE "RES-RNC_PGE"	SEE TABLE "RES-RNC_SCE"	SEE TABLE "RES-RNC_SDGE"	SEE TABLE "RES-RNC_SCG"	No change to PPM

Attachment 2.1 – Residential

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets				Comments
					PG&E	SCE	SDG&E	SCG	
NC-3	New-Construction-Residential	CAHP-Residential New Construction	Percentage of (current year MF CAHP program paid units) (MF building permits within service territories from the previous year)	2a	SEE TABLE "RES-RNC_PGE"	SEE TABLE "RES-RNC_SCE"	SEE TABLE "RES-RNC_SDGE"	SEE TABLE "RES-RNC_SCG"	No change to PPM
NC-4	New-Construction-Residential	CAHP-Residential New Construction	Number and percentage of CAHP participant new homes verified <sup>9</sup> by IOUs' HERS which exceed Title 24 (T24) building standards (SF and MF) by 15%-19%, 20%-29%, 30%-39%, 40%-70%.	2b	SEE TABLE "RES-RNC_PGE"	SEE TABLE "RES-RNC_SCE"	SEE TABLE "RES-RNC_SDGE"	SEE TABLE "RES-RNC_SCG"	No change to PPM
NC-5	New-Construction-Residential	ES-Mfg-Homes-Residential New Construction	Within ENERGY STAR® Manufactured Homes, the number of manufactured housing units sold in IOU service territories (via retailers and/or manufacturers) participating in program	2a	N/A	SEE TABLE "RES-RNC_SCE"	SEE TABLE "RES-RNC_SDGE"	SEE TABLE "RES-RNC_SCG"	No change to PPM PG&E does not offer an ENERGY STAR® Manufactured Homes Program.
NC-6	New-Construction-Residential	ES-Mfg-Homes-Residential New Construction	Within ENERGY STAR® Manufactured Homes, the number and percentage of participating projects utilizing: (a) whole house incentive for gas heat; (b) whole house incentive for electric heat	2a	N/A	SEE TABLE "RES-RNC_SCE"	SEE TABLE "RES-RNC_SDGE"	SEE TABLE "RES-RNC_SCG"	No change to PPM PG&E does not offer an ENERGY STAR® Manufactured Homes Program.
HVAC-3	HVAC-Residential	Res-ES-Quality-Installation-Residential HVAC	Percentage of HVAC contracting companies that are participating in statewide residential QI program as a share of the targeted market*  * "Target market" defined as C20 licensed HVAC contracting companies in CA.	2a	1.0%	0.5%	1.0%	0.2%	No change to PPM
HVAC-4	HVAC-Residential	Res-ES-Quality-Installation-Residential HVAC	Average percentage of "certified" HVAC technicians within each contracting company that participates in the residential QI program.	2b	20.0%	40.0%	10.0%	5.0%	No change to PPM
HVAC-7.1	HVAC-Residential	Com and Res-Quality-Maintenance-Dev-Residential HVAC	<del>Measured progress towards specific milestones provided in the project GANTT chart indicating the development/finalization of this IOU program based on Quality Maintenance standards.</del> Number of participating contractors in Residential Quality Maintenance program.	2a	130	15	12	5	Replaced, since original PPM was completed in prior cycle and outdated.

PPMs to be deleted:

Reason for deletion

RES-1	Residential	Residential	By targeted populations (homeowners, renters, property owners/managers), percent increase in the level of: (a)EE awareness, (b)EE knowledge,(c) EE attitude("AKA")	2b					Eliminated as PPM due to inability to measure; no process or impact evaluation will be conducted during the 2013-2014 cycle.
RES-14	Residential	Appliance Recycling	Level of program participants' AKA ("Awareness, Knowledge, Attitude") toward the appliance recycling subprogram.	2b					Eliminated as PPM due to inability to measure; no process or impact evaluation will be conducted during the 2013-2014 cycle.

**PG&E Residential New Construction PPMs: 2013-2014 Targets**

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Targets			
					T24 Participants	#	Total	%
NC-1	Residential	Residential New Construction	Number and percentage of committed CAHP participant homes (applied and accepted) with modeled, ex-ante savings exceeding 2008 T24 units (Single family (SF) and multi-family (MF)) by 15%-19%, by 20%-29%, 30%-39%, and 40+%.	2a	T24 Participants	#	Total	%
					SF 15% - 19%	3300	9000	36.6%
					SF 20%-29%	3120		34.7%
					SF 30%-39%	2490		27.7%
					SF 40%+	90	4800	1.0%
					MF 15%-19%	2250		46.8%
					MF 20%-29%	1500		31.2%
					MF 30%-39%	850		17.7%
MF 40%+	200	4.2%						
NC-2	Residential	Residential New Construction	Percentage of (current year SF CAHP program paid units)/ (SF building permits within service territories from the previous year)	2a		2013-14 Paid	2012-13 Permits	%
						7,500	30,000	25%
NC-3	Residential	Residential New Construction	Percentage of (current year MF CAHP program paid units)/ (MF building permits within service territories from the previous year)	2a		8,000	25,000	32%
NC-4	Residential	Residential New Construction	Number and percentage of CAHP participant new homes verified <sup>9</sup> by IOUs' HERS which exceed Title 24 (T24) building standards (SF and MF) by 15%-19%, 20%-29%, 30%-39%, 40%-70%.	2b	CAHP New Homes	# Paid	# HERS verified	%
					SF 15% - 19%	2750	2750	100%
					SF 20%-29%	2500	2500	100%
					SF 30%-39%	2000	2000	100%
					SF 40%+	250	250	100%
					MF 15%-19%	4000	4000	100%
					MF 20%-29%	2000	2000	100%
					MF 30%-39%	1250	1250	100%
MF 40%+	750	750	100%					

SCE Residential New Construction PPMs: 2013-2014 Targets

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Targets			
					T24 Participants	#	Total	%
NC-1	Residential	Residential New Construction	Number and percentage of committed CAHP participant homes (applied and accepted) with modeled, ex-ante savings exceeding 2008 T24 units (Single family (SF) and multi-family (MF)) by 15%-19%, by 20%-29%, 30%-39%, and 40+%.	2a	T24 Participants	#	Total	%
					SF 15% - 19%	224	700	32.0%
					SF 20%-29%	245		35.0%
					SF 30%-39%	224		32.0%
					SF 40%+	7	4900	1.0%
					MF 15%-19%	1666		34.0%
					MF 20%-29%	2107		43.0%
					MF 30%-39%	931		19.0%
					MF 40%+	196	4.0%	
NC-2	Residential	Residential New Construction	Percentage of (current year SF CAHP program paid units)/ (SF building permits within service territories from the previous year)	2a	2013-14 Paid	2012-13 Permits	%	
					300	27,410	1%	
NC-3	Residential	Residential New Construction	Percentage of (current year MF CAHP program paid units)/ (MF building permits within service territories from the previous year)	2a	2,120	24,811	9%	
NC-4	Residential	Residential New Construction	Number and percentage of CAHP participant new homes verified <sup>9</sup> by IOUs' HERS which exceed Title 24 (T24) building standards (SF and MF) by 15%-19%, 20%-29%, 30%-39%, 40%-70%.	2b	CAHP New Homes	# Paid	# HERS verified	%
					SF 15% - 19%	96	96	100%
					SF 20%-29%	105	105	100%
					SF 30%-39%	96	96	100%
					SF 40%+	3	3	100%
					MF 15%-19%	721	721	100%
					MF 20%-29%	912	912	100%
					MF 30%-39%	403	403	100%
MF 40%+	84	84	100%					
NC-5	Residential	Residential New Construction	Within ENERGY STAR® Manufactured Homes, the number of manufactured housing units sold in IOU service territories (via retailers and/or manufacturers) participating in program	2a	2013-2014 Total			
					500			
NC-6	Residential	Residential New Construction	Within ENERGY STAR® Manufactured Homes, the number of manufactured housing units sold in IOU service territories (via retailers and/or manufacturers) participating in program	2a	#	Gas %	Elec %	
					500	30%	70%	

SDG&E Residential New Construction PPMs: 2013-2014 Targets

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Targets			
					T24 Participants	#	Total	%
NC-1	Residential	Residential New Construction	Number and percentage of committed CAHP participant homes (applied and accepted) with modeled, ex-ante savings exceeding 2008 T24 units (Single family (SF) and multi-family (MF)) by 15%-19%, by 20%-29%, 30%-39%, and 40%+.	2a	SF 15% - 19%	400	810	49.4%
					SF 20%-29%	300		37.0%
					SF 30%-39%	100		12.3%
					SF 40%+	10		1.2%
					MF 15%-19%	600	1300	46.2%
					MF 20%-29%	450		34.6%
					MF 30%-39%	200		15.4%
					MF 40%+	50		3.8%
NC-2	Residential	Residential New Construction	Percentage of (current year SF CAHP program paid units)/ (SF building permits within service territories from the previous year)	2a	2013-14 Paid	2012-13 Permits	%	
					300	27,410	1%	
NC-3	Residential	Residential New Construction	Percentage of (current year MF CAHP program paid units)/ (MF building permits within service territories from the previous year)	2a	2,120	24,811	9%	
NC-4	Residential	Residential New Construction	Number and percentage of CAHP participant new homes verified <sup>9</sup> by IOUs' HERS which exceed Title 24 (T24) building standards (SF and MF) by 15%-19%, 20%-29%, 30%-39%, 40%-70%.	2b	CAHP New Homes	# Paid	# HERS verified	%
					SF 15% - 19%	96	96	100%
					SF 20%-29%	105	105	100%
					SF 30%-39%	96	96	100%
					SF 40%+	3	3	100%
					MF 15%-19%	721	721	100%
					MF 20%-29%	912	912	100%
					MF 30%-39%	403	403	100%
MF 40%+	84	84	100%					
NC-5	Residential	Residential New Construction	Within ENERGY STAR® Manufactured Homes, the number of manufactured housing units sold in IOU service territories (via retailers and/or manufacturers) participating in program	2a	2013-2014 Total			
					20			
NC-6	Residential	Residential New Construction	Within ENERGY STAR® Manufactured Homes, the number of manufactured housing units sold in IOU service territories (via retailers and/or manufacturers) participating in program	2a	#	Gas %	Elec %	
					20	30%	70%	

SCG Residential New Construction PPMs: 2013-2014 Targets

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Targets						
					T24 Participants	#	Total	%			
NC-1	Residential	Residential New Construction	Number and percentage of committed CAHP participant homes (applied and accepted) with modeled, ex-ante savings exceeding 2008 T24 units (Single family (SF) and multi-family (MF)) by 15%-19%, by 20%-29%, 30%-39%, and 40%+.	2a	T24 Participants		1280				
					SF 15% - 19%	410					32.0%
					SF 20%-29%	448					35.0%
					SF 30%-39%	410					32.0%
					SF 40%+	13	720				
					MF 15%-19%	245					34.0%
					MF 20%-29%	310					43.0%
					MF 30%-39%	137					19.0%
MF 40%+	29		4.0%								
NC-2	Residential	Residential New Construction	Percentage of (current year SF CAHP program paid units)/ (SF building permits within service territories from the previous year)	2a		2013-14 Paid	2012-13 Permits	%			
						550	33,135	2%			
NC-3	Residential	Residential New Construction	Percentage of (current year MF CAHP program paid units)/ (MF building permits within service territories from the previous year)	2a		310	33,508	1%			
NC-4	Residential	Residential New Construction	Number and percentage of CAHP participant new homes verified <sup>9</sup> by IOUs' HERS which exceed Title 24 (T24) building standards (SF and MF) by 15%-19%, 20%-29%, 30%-39%, 40%-70%.	2b	CAHP New Homes	# Paid	# HERS verified	%			
					SF 15% - 19%	176	176	100%			
					SF 20%-29%	193	193	100%			
					SF 30%-39%	176	176	100%			
					SF 40%+	6	6	100%			
					MF 15%-19%	105	105	100%			
					MF 20%-29%	133	133	100%			
					MF 30%-39%	59	59	100%			
MF 40%+	12	12	100%								
NC-5	Residential	Residential New Construction	Within ENERGY STAR® Manufactured Homes, the number of manufactured housing units sold in IOU service territories (via retailers and/or manufacturers) participating in program	2a	2013-2014 Total						
					100						
NC-6	Residential	Residential New Construction	Within ENERGY STAR® Manufactured Homes, the number of manufactured housing units sold in IOU service territories (via retailers and/or manufacturers) participating in program	2a	#	Gas %	Elec %				
					100	30%	70%				

Attachment 2.2 – Commercial, Industrial and Agricultural

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets											
					PG&E			SCE			SDG&E			SCG		
					C	I	A	C	I	A	C	I	A	C	I	A
CIA-1	CIA combined	CIA	Number and percent (relative to all eligible customers) of commercial, industrial and agricultural customers participating in sub-programs (NRA, Deemed, Calculated, and CEI) by NAICS code, by size (+/- 200 kW per yr or +/- 50K therms per yr), and by Hard to Reach (HTR)*  * "HTR" is as defined in the EE Policy Manual	2a	12,581	661	763	11,785	1,815	420	7,000	34	11	3,058	845	150
CIA-2	CIA combined	CEI	Number and percent of commercial, industrial, and agricultural CEI participants (disaggregated by mid-size/large customers for electric utilities*) that meet short-term (2013-2014) milestones as identified by their long term energy plans.  * Midsize customers are defined as those facilities that have a demand of 200-500 kW and large size customers are those facilities that exceed a demand of 500 kW.	2b	13			17			12			17		
CIA-3	CIA combined	CEI	Implement lessons learned, best practices from the 2010-2012 cycle for the CEI program. (Y/N)  * Data source: Process evaluation of California's Continuous Energy Improvement Pilot Program conducted by The Cadmus Group Inc., published October 26, 2012	2b	Y			Y			Y			Y		
CIA-4	CIA combined	CEI	Number and percent of commercial, industrial and agricultural customers that created an energy plan via CEI will be tracked by program.	2b	13			17			12			17		
CIA-5	CIA combined	Energy Advisor	Number and percent of commercial, industrial, and agricultural customers receiving non-residential audits by segment.	2b	7,400	600	3,000	10,900	1,650	140	2,607	53	3	1,425	847	128
CIA-6	CIA combined	Energy Advisor	For commercial, industrial, and agricultural customers who received audits, the number and percent of audits which successfully converted to customer participation in IOU programs over the three year useful life of the audit.*  * Only audits which have been active for the full useful life period of three calendar years will be reported.	2b	20.0%	20.0%	20.0%	18.4%	10.4%	25.6%	20.00%	25.00%	25.00%	11%	15%	30%
CIA-7	CIA combined	Deemed Incentives	Number and percent of new, improved, or ETP measures* installed in the commercial, industrial and agricultural programs.  * "ETP measure" defined as ET measures first introduced into the EE portfolio since January 1, 2006	2a	158	60	60	1,565	108	58	1,388	25	4	106	2	1
CIA-8	CIA combined	Calculated Incentives	Number and percent of new, improved, or ETP measures installed in completed calculated projects.	2a	148	20	16	9	5	0	10	1	1	92	9	2

Attachment 2.2 – Commercial, Industrial and Agricultural

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets											
					PG&E			SCE			SDG&E			SCG		
					C	I	A	C	I	A	C	I	A	C	I	A
CIA-9	CIA combined	Calculated Incentives	Number, percent, and ex-ante savings from commercial, industrial and agricultural sector of projects with ETP measures* included.  * "ETP measure" defined as ET measures first introduced into the EE portfolio since January 1, 2006	2b	57	20	84	31	9	0	5	2	1	89	6	1
Comm-2	Commercial	Direct Install	Number and percent of Direct Install participants that participate in other resource programs or OBF.	2b	1,137			68			5,627			n/a		
Comm-3	Commercial	Direct Install	Number and percent of participants that are hard to reach (HTR).	2b	2,318			4,200			874			n/a		
NC-7	Commercial	Calculated Incentives	For the Savings By Design program, average site energy install, ex-ante (kBtu/sq ft-yr and demand (kW/sq ft) for participating commercial new construction by building type and climate zone	2b	Track and Report			Track and Report			Track and Report			Track and Report		
NC-8	Commercial	Calculated Incentives	For the Savings By Design program, percentage of committed participating Whole Building Approach projects that are expected to reach a minimum of 40% less energy than 2008 T24 codes requirements  * For 2013, this metric will be based on 2008 T-24 code requirements and for 2014, will focus on the new 2013 T-24 code requirements	2b	Track and Report			Track and Report			Track and Report			Track and Report		
HVAC-1	Commercial	Commercial HVAC	The number of units, in tons of capacity, that are incentivized in the commercial distributor incentive program	2a	70,000 tons			100,000 tons			2,500 tons			N/A		
HVAC-2	Commercial	Commercial HVAC	The distributor stocking percentage of units eligible for the commercial distributor incentive program. (Note: Assumes availability of individual distributor data and/or aggregated data from HARDI.)	2b	TBD			TBD			TBD			TBD		
HVAC-5	Commercial	Commercial HVAC	Percentage of HVAC contracting companies that are participating in statewide commercial QI program as a share of the targeted market*  * "Target market" defined as C20 licensed HVAC contracting companies in CA.	2a	0.7%			0.15%			0.1%			0.1%		
HVAC-6	Commercial	Commercial HVAC	Average percentage of "certified" HVAC technicians within each contracting company that participates in the commercial QI program.	2b	20.0%			20.0%			10.0%			10.0%		
HVAC-7	Commercial	Commercial HVAC	Number of participating contractors in Commercial Quality Maintenance program.	2a	80			90			20			10		
Ind-1.1	Industrial	Industrial	Number of first time* participants in energy efficiency programs. (Report disaggregate data by sub-program)  * "First time" means customer has not participated in energy efficiency programs since December 31, 2005.	2b	1211			1500			162			844		

Attachment 2.2 – Commercial, Industrial and Agricultural

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets											
					PG&E			SCE			SDG&E			SCG		
					C	I	A	C	I	A	C	I	A	C	I	A
Ind-1.2	Industrial	Industrial	Percent of first time* participants in energy efficiency programs. (Report disaggregate data by sub-program) * "First time" means customer has not participated in energy efficiency programs since December 31, 2005.	2b	88%			69.5%			50.0%			66.9%		
Ag-1.1	Agricultural	Agricultural	Number of first time* participants in energy efficiency programs. (Report disaggregate data by sub-program) * "First time" means customer has not participated in energy efficiency programs since December 31, 2005.	2b	1,352			606			19			208		
Ag-1.2	Agricultural	Agricultural	Percent of first time* participants in energy efficiency programs. (Report disaggregate data by sub-program) * "First time" means customer has not participated in energy efficiency programs since December 31, 2005.	2b	86.0%			42.1%			60.0%			61.0%		
Ag-2	Agricultural	Energy Advisor	Percent of agricultural pump tests that lead to a repair or replacement.	2b	3.3%			23.9%			5%			3.7%		

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets												Comments
					PG&E			SCE			SDG&E			SCG			
					C	I	A	C	I	A	C	I	A	C	I	A	
CIA-1	CIA combined	CIA	Number and percent (relative to all eligible customers) of commercial, industrial and agricultural customers participating in sub-programs (NRA, Deemed, Calculated, and CEI) by NAICS code, by size (+/- 200 kW per yr or +/- 50K therms per yr), and by Hard to Reach (HTR)*  * "HTR" is as defined in the EE Policy Manual	2a	12,581	661	763	11,785	1,815	420	7,000	34	11	3,058	845	150	* No change to PPM
CIA-2	CIA combined	CEI	Number and percent of commercial, industrial, and agricultural CEI participants (disaggregated by mid-size/large customers for electric utilities*) that meet short-term (2010-2012 2013-2014) milestones as identified by their long term energy plans.  * Midsize customers are defined as those facilities that have a demand of 200-500 kW and large size customers are those facilities that exceed a demand of 500 kW.	2a-2b	13			17			12			17			* The IOUs propose to change the metric type from 2a to 2b due to the long term nature of CEI projects.  * A 2b metric will more accurately depict CEI project success.  * Target represents the goal for two year cycle.
CIA-3	CIA combined	CEI	Implement lessons learned, best practices from the 2010-2012 cycle for, and plan to ramp up the CEI program are developed. (Y/N)  * Data source: Process evaluation of California's Continuous Energy Improvement Pilot Program conducted by The Cadmus Group Inc., published October 26, 2012	2b	Y			Y			Y			Y			* Clarified data source
CIA-4	CIA combined	CEI	Number and percent of commercial, industrial and agricultural customers that created an energy plan via CEI will be tracked by program.	2a-2b	13			17			12			17			* see comments for CIA-2
CIA-5	CIA combined	Non-Residential-Audit Program-(NRA) Energy Advisor	Number and percent of commercial, industrial, and agricultural customers receiving non-residential audits by NAICS and SIC code segment.	2b	7,400	600	3,000	10,900	1,650	140	2,607	53	3	1,425	847	128	* IOUs propose to report audits by sector rather than NAICs and SIC code to streamline reporting and align with PIP targets.  * Target represents the goal for two year cycle.
CIA-6	CIA combined	Non-Residential-Audit Program-(NRA) Energy Advisor	For commercial, industrial, and agricultural customers who received audits, the number and percent of adopted audit-recommended technologies, processes and practices. (Report disaggregated data by type of audit - Basic, Integrated, and Retro-commissioning audit). *audits which successfully converted to customer participation in IOU programs over the three year useful life of the audit.*  * Only audits which have been active for the full useful life period of three calendar years will be reported.  * Data sources for reporting will come from (a) program tracking databases and (b) process evaluation to refine estimates.  * An audit completed in one portfolio may have measures implemented over several years and portfolios.	2b	20%	20%	20%	18%	10%	26%	20%	25%	25%	11%	15%	30%	* Revised metric language to clarify conversion to match the EUL of an audit; therefore this metric reports on conversion for audits conducted in 2011 and 2012 for the 2013-2014 cycle.
CIA-7	CIA combined	Deemed Incentives	Number and percent of new, improved, or ETP measures* installed in the commercial, industrial and agricultural programs.  * "ETP measure" defined as ET measures first introduced into the EE portfolio since January 1, 2006	2a	158	60	60	1,565	108	58	1,388	25	4	106	2	1	* Targets reflect projected number of new measure occurrences for the 2013-2014 cycle.
CIA-8	CIA combined	Calculated Incentives	Number and percent of new, improved, or ETP measures installed in completed calculated projects.	2a	148	20	16	9	5	0	10	1	1	92	9	2	* Targets reflect projected number of new measure occurrences for the 2013-2014 cycle.

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets												Comments
					PG&E			SCE			SDG&E			SCG			
CIA-9	CIA combined	Calculated Incentives	Number, percent, and ex-ante savings from commercial, industrial and agricultural sector of projects with ETP measures* included. (Report disaggregated savings by measure and number of installations by measure.)  * "ETP measure" defined as ET measures first introduced into the EE portfolio since January 1, 2006	2b	57	20	84	31	9	0	5	2	1	89	6	1	<ul style="list-style-type: none"> <li>Revised PPM is simplified while still demonstrating the overall impact of ETP measures in the Commercial, Industrial, and Agricultural Programs.</li> <li>Target represents the goal for two year cycle.</li> </ul>
Comm-4	Commercial	Deemed Incentives	Number and percent of participating commercial customers receiving the "Integrated Bonus."  * "Integration Bonus" is an incentive mechanism to promote greater integration of DSM resources, available to customers who (a) sign up or are already signed up for a DSM program, and (b) purchase, install, and/or are eligible to receive a rebate for an energy-saving device.	2b													<ul style="list-style-type: none"> <li>Delete - Program does not include this offering</li> </ul>
Comm-2	Commercial	Direct Install	Number and percent of Direct Install participants that participate in other resource programs or OBF.	2a-2b	1,137			68			5,627			n/a			<ul style="list-style-type: none"> <li>No change to PPM</li> </ul>
Comm-3	Commercial	Direct Install	Number and percent of participants that are hard to reach (HTR).	2a-2b	2,318			4,200			874			n/a			<ul style="list-style-type: none"> <li>No change to PPM</li> </ul>
NC-7	New-Construction Commercial	SBD Calculated Incentives	For the Savings By Design program, average site energy install, ex-ante (kBTU/sq ft-yr and demand (kW/sq ft) for participating commercial new construction by building type and climate zone	2b	Track and Report			Track and Report			Track and Report			Track and Report			<ul style="list-style-type: none"> <li>The IOUs propose that no target be set for this metric</li> <li>It is difficult to predict average kBTU and/or energy demand in kW for the program because these parameters depend on the mix of building</li> </ul>
NC-8	New-Construction Commercial	SBD Calculated Incentives	For the Savings By Design program, percentage of committed participating Whole Building Approach projects that are expected to reach a minimum of 40% less energy than 2008 T24 codes requirements  * For 2013, this metric will be based on 2008 T-24 code requirements and for 2014, will focus on the new 2013 T-24 code requirements	2b	Track and Report			Track and Report			Track and Report			Track and Report			<ul style="list-style-type: none"> <li>The IOUs propose that no target be set for this metric</li> <li>There is no available impact data or trend analysis available for us to rely on to reasonably predict market impacts of 2013 Title-24 code change.</li> </ul>
HVAC-1.1	HVAC	Upstream HVAC	(a) kW/ton incentivized in the program. (Note: Decrease in metric indicates positive progress), combined with	2a													<ul style="list-style-type: none"> <li>Deleted HVAC 1.1 and 1.3 to clarify metric reporting for 2013-2014 and maintaining HVAC 1.2</li> </ul>
HVAC-1.2	HVAC-Commercial	Quality-Maintenance-Dev-Commercial HVAC	(b) The number of units, in tons of capacity, that are incentivized in the commercial distributor incentive program vs.	2a	70,000 tons			100,000 tons			2,500 tons			N/A			<ul style="list-style-type: none"> <li>Plan to revisit during 2015 planning process to address clarity and data availability challenges learned in 2010-2012.</li> </ul>
HVAC-1.3	HVAC	Upstream HVAC	(c) number of units over 5.4 tons shipped to California as tracked through AHRI shipment data. (Assuming the availability of AHRI data.)  * As is indicated within this PPM, the availability of item (c) in this PPM is not yet confirmed, since it is closely held, proprietary third party information. The IOU team is in discussions with AHRI about obtaining this data and to ascertain the statistical validity of what data would be provided; the IOU team will communicate with the ED about any issues regarding this data element before the first reporting period in Q1 2011 for 2010 information.	2a													
HVAC-2	HVAC-Commercial	Quality-Maintenance-Dev-Commercial HVAC	The distributor stocking percentage of units eligible for the commercial distributor incentive program. (Note: Assumes availability of individual distributor data and/or aggregated data from HARDL.)	2b	N/A			N/A			N/A			N/A			<ul style="list-style-type: none"> <li>Baseline and targets to be set within three months after completion of EM&amp;V Impact evaluation of Commercial Upstream Program in 2013.</li> </ul>
HVAC-5	HVAC-Commercial	Quality-Maintenance-Dev-Commercial HVAC	Percentage of HVAC contracting companies that are participating in statewide commercial QI program as a share of the targeted market*	2a	0.7%			0.15%			0.1%			0.1%			<ul style="list-style-type: none"> <li>No change to PPM</li> </ul>

Attachment 2.2 – Commercial, Industrial and Agricultural

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets				Comments
					PG&E	SCE	SDG&E	SCG	
HVAC-6	<del>HVAC-Commercial</del>	<del>Quality Maintenance Dev. Commercial HVAC</del>	Average percentage of "certified" HVAC technicians within each contracting company that participates in the commercial QI program.	2b	20.0%	20.0%	10.0%	10.0%	* No change to PPM
HVAC-7	<del>HVAC-Commercial</del>	<del>Quality Maintenance Dev. Commercial HVAC</del>	<del>Measured progress towards specific milestones provided in the project GANTT chart indicating the development/finalization of this IOU program based on Quality Maintenance standards.</del> Number of participating contractors in Commercial Quality Maintenance program.	2a	80	90	20	10	* Replaced, since original PPM now completed and outdated.
Ind-1.1	Industrial	Industrial	Number of first time* participants in energy efficiency programs. (Report disaggregate data by sub-program) * "First time" means customer has not participated in energy efficiency programs since December 31, 2005.	<del>2a-2b</del>	1211	1500	162	844	* No change to PPM * Modified to 2b metric, consistent with Agricultural PPMs
Ind-1.2	Industrial	Industrial	Percent of first time* participants in energy efficiency programs. (Report disaggregate data by sub-program) * "First time" means customer has not participated in energy efficiency programs since December 31, 2005.	<del>2a-2b</del>	88%	69.5%	50.0%	66.9%	* No change to PPM * Modified to 2b metric, consistent with Agricultural PPMs
Ag-1.1	Agricultural	Agricultural	Number of first time* participants in energy efficiency programs. (Report disaggregate data by sub-program) * "First time" means customer has not participated in energy efficiency programs since December 31, 2005.	2b	1,352	606	19	208	* No change to PPM
Ag-1.2	Agricultural	Agricultural	Percent of first time* participants in energy efficiency programs. (Report disaggregate data by sub-program) * "First time" means customer has not participated in energy efficiency programs since December 31, 2005.	2b	86.0%	42.1%	60.0%	61.0%	* No change to PPM
Ag-2	Agricultural	<del>Pump Efficiency Services- Energy Advisor</del>	Percent of agricultural pump tests that lead to a repair or replacement.	2b	3.3%	23.9%	5%	3.7%	* No change to PPM

Attachment 2.3 – Lighting

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets		
					PG&E	SCE	SDG&E
RES-9	Lighting	Primary Lighting	By product type, percent kW/kWh/Quantity of incented products under the Basic Lighting grouping (bare spiral, non dimmable CFLs <=30w) and Advanced Lighting grouping (other products such as covered CFLs, LED, fixtures).	2a	2013: Basic/Advanced split* Qty: <40%/>60% KW: <40%/>60% KWh: <40%/>60%  2014: Basic/Advanced split Qty: <20%/>80% KW: <20%/>80% KWh: <20%/>80%	2013: Basic/Advanced split* Qty: <40%/>60% KW: <40%/>60% KWh: <40%/>60%  2014: Basic/Advanced split Qty: <20%/>80% KW: <20%/>80% KWh: <20%/>80%	2013: Basic/Advanced split* Qty: <40%/>60% KW: <40%/>60% KWh: <40%/>60%  2014: Basic/Advanced split Qty: <20%/>80% KW: <20%/>80% KWh: <20%/>80%
RES-10	Lighting	Primary Lighting	Percent of products incented under the Basic Lighting grouping (bare spiral, non dimmable CFLs <=30w) and Advanced Lighting grouping (other products such as covered CFLs, LED, fixtures) by distribution channel* and by hard-to-reach (HTR)** zip-codes.  *Distribution channels" are as defined in 06-08 Upstream Lighting Study  ***"HTR" is as defined in the EE Policy Manual	2a	> 25% of products incented in HTR zip-codes.	> 25% of products incented in HTR zip-codes.	> 25% of products incented in HTR zip-codes.
RES-11	Lighting	Primary Lighting	During 2013-2014, implement marketing efforts and/or campaign to encourage prompt installation of CFLs as required in D.09-09-047. (Y/N)	2b	Y	Y	Y
LMT-1	Lighting	LMT	Update the Lighting Solution Workbook using available information from IOUs, Energy Division and external parties. (Y/N)	2b	Update and provide with the 2014 June LMT Report		
LMT-2	Lighting	LMT	Provide an update on the pipeline plans from this program in the annual June LMT Report. (Y/N)	2a	Update annually and provide with the June 2013 LMT Report and June 2014 LMT Report		
LMT-3	Lighting	LMT	Update the Lighting Activity Workbook using available information from IOUs, Energy Division and external parties, and submit at the end of the 2013-2014 cycle. (Y/N)	2b	Update en dof cycle and provide with June 2014 LMT Report		
LMT-4	Lighting	LMT	Number of EE lighting measures added, removed, or updated as a result of LMT activities and influence, and reported in annual LMT June Report	2a	Track and report in the June 2013 LMT Report and June 2014 LMT Report		

Attachment 2.3 – Lighting

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets			Comments
					PG&E	SCE	SDG&E	
RES-9	Residential Lighting	Advanced Lighting Primary Lighting	By product type, percent kW/kWh/Quantity of incented products under the Basic Lighting grouping (bare spiral, non dimmable CFLs <=30w) and Advanced Lighting grouping (other products such as covered CFLs, LED, fixtures).	2a	2013: Basic/Advanced split* Qty: <40%/>60% KW: <40%/>60% KWh: <40%/>60%  2014: Basic/Advanced split Qty: <20%/>80% KW: <20%/>80% KWh: <20%/>80%	2013: Basic/Advanced split* Qty: <40%/>60% KW: <40%/>60% KWh: <40%/>60%  2014: Basic/Advanced split Qty: <20%/>80% KW: <20%/>80% KWh: <20%/>80%	2013: Basic/Advanced split* Qty: <40%/>60% KW: <40%/>60% KWh: <40%/>60%  2014: Basic/Advanced split Qty: <20%/>80% KW: <20%/>80% KWh: <20%/>80%	
RES-10	Residential Lighting	Advanced Lighting Primary Lighting	Percent of products incented under the Basic Lighting grouping (bare spiral, non dimmable CFLs <=30w) and Advanced Lighting grouping (other products such as covered CFLs, LED, fixtures) by distribution channel* and by hard-to-reach (HTR)** zip-codes.  *Distribution channels* are as defined in 06-08 Upstream Lighting Study  ***HTR* is as defined in the EE Policy Manual	2a	> 25% of products incented in HTR zip-codes.	> 25% of products incented in HTR zip-codes.	> 25% of products incented in HTR zip-codes.	It's difficult to accurately forecast what the percentage of basic and advanced would be incented by distribution channel. We propose our target for HTR zip codes only and will report out on distribution channels annually as done in 2010-2012.
RES-11	Residential Lighting	Basic-CFL Primary Lighting	During 2010-2012-2013-2014, implement marketing efforts and/or campaign to encourage prompt installation of CFLs as required in D.09-09-047. (Y/N)	2b	Y	Y	Y	Quantitative target not relevant based on objective of PPM.
LMT-1	Lighting Market Transform.	LMT	<del>Develop a lighting technology roadmap (i.e., what's new and available by when (MM/YY), using available information from all IOU and external parties) by January 2011 and to be reported twice in 2011 and annually thereafter. (Y/N)</del>  Update the Lighting Solution Workbook using available information from IOUs, Energy Division and external parties. (Y/N)	2a 2b	Update and provide with the 2014 June LMT Report			Quantitative target not relevant based on objective of PPM.
LMT-2	Lighting Market Transform.	LMT	<del>Develop a communication plan, by March 2011, to make the lighting technology roadmap, pipeline plans, and technology resource information from this program available on the statewide marketing, education and outreach (ME&amp;O) web portal by July 2011, and update annually. (Y/N)</del>  Provide an update on the pipeline plans from this program in the annual June LMT Report. (Y/N)	2b 2a	Update annually and provide with the June 2013 LMT Report and June 2014 LMT Report			Quantitative target not relevant based on objective of PPM.
LMT-3	Lighting Market Transform.	LMT	<del>Number of recommended projects initiated and completed, with findings and recommendations (i.e., this is a tracking of lighting related projects for ET, Advanced Lighting and 3rd parties), by project type: (a) work papers, (b) white paper, (c) pilot project (d) strategy document.</del>  Update the Lighting Activity Workbook using available information from IOUs, Energy Division and external parties, and submit at the end of the 2013-2014 cycle. (Y/N)	2b	Update end of cycle and provide with June 2014 LMT Report			
LMT-4	Lighting Market Transform.	LMT	Number of EE lighting measures added, removed, or updated as a result of LMT activities and influence, and reported in annual LMT June Report	2a	Track and report in the June 2013 LMT Report and June 2014 LMT Report			No change to PPM. However, there is not currently a way to determine the definitive number of projects in the various areas to establish a justifiable target.

Attachment 2.3 – Lighting

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metric Targets			Comments
					PG&E	SCE	SDG&E	

PPMs to be deleted

Reason for Deletion:

RES-12	Residential	Basic CFL	Percent of products incented under the Basic Lighting Program by distribution channel* and by hard-to-reach (HTR) <sup>1</sup> zip-codes.  * Distribution channels" are as defined in 06-08 Upstream Lighting Study	2a				Delete: consolidated for reporting under Primary Lighting (RES-10)
RES-13	Residential	Basic CFL	Percent kW/kWh/Quantity of incented products under the Basic CFL program as compared to the Advanced Lighting program	2b				Delete: consolidated for reporting under Primary Lighting (RES-9)

Attachment 2.4 – Codes Standards

PPM ID	Program	Sub-Program	Metric	Metric Type	Statewide 2013-2014 Program Performance Metric Targets
CS-1	Codes & Standards	Building Codes Advocacy	Number of Residential and Commercial CASE studies, as defined in Building Standards Objectives 1 & 2 for which adoption by the CEC is anticipated by the IOUs, targeting efficient technologies practices and design in each of the following areas: lighting; HVAC; envelope; water heating; and cross-cutting measures in support of the following: (a) Integrated Design, including data management and automated diagnostic systems, with emphasis on HVAC aspects of Whole Building, (b) ZNE technologies, practices, and design in Residential Sector, (c) Peak efficient technologies including plug loads and HVAC technologies, (d) Advanced Lighting Technologies	2b	0*
CS-2	Codes & Standards	Appliance Standards Advocacy	Number of draft CASE Studies, as defined in Appliance Standards Objective 1, developed as mutually agreed upon by the CEC and IOUs in support of plug loads, refrigeration, advanced lighting, and/or other technologies that are adopted by the CEC, within authorized budget.	2b	10
CS-3	Codes & Standards	Compliance Improvement	Number of role-based, Title 24, training sessions delivered.	2b	60
CS-4	Codes & Standards	Reach Codes (RC)	Number of jurisdictions in IOU Service territories with CEC approved Reach Codes in residential and/or commercial sectors as a result of the RC sub-program activities.	2b	TBD**

\* A quantitative target for the Building Codes Advocacy PPM is not applicable since adoption of proposals to be developed during this program cycle is expected in the next program cycle.

\*\* The statewide C&S team will provide a target number by the end of 2013. Steps include a) achieving consensus on reach code objectives, structure (types of reach codes), and measures for each type, b) development of measure incremental costs, and c) determining cost effectiveness for each climate zone. Determining cost effectiveness requires CEC approved compliance software which is not expected until late 2013, so we are currently unable to conduct reach code analyses based on 2013 building codes anticipated to be effective 1/1/14.

Attachment 2.4 – Codes Standards

PPM ID	Program	Sub-Program	Metric	Metric Type	Statewide 2013-2014 Program Performance Metric Targets	Comments
CS-1	Codes & Standards	Building Standards- Codes Advocacy	Number of Residential and Commercial CASE studies, as defined in Building Standards Objectives 1 & 2 for which adoption by the CEC is anticipated by the IOUs, targeting efficient technologies practices and design in each of the following areas: lighting; HVAC; envelope; water heating; and cross-cutting measures in support of the following: (a) Integrated Design, including data management and automated diagnostic systems, with emphasis on HVAC aspects of Whole Building, (b) ZNE technologies, practices, and design in Residential Sector, (c) Peak efficient technologies including plug loads and HVAC technologies, (d) Advanced Lighting Technologies	2b	0*	
CS-2	Codes & Standards	Appliance Standards Advocacy	Number of draft CASE Studies, as defined in Appliance Standards Objective 1, developed as mutually agreed upon by the CEC and IOUs in support of plug loads, refrigeration, advanced lighting, and/or other technologies that are adopted by the CEC, within authorized budget.	2b	10	Final number of CASE studies is contingent upon decisions to be made by the CEC during rulemaking process.
CS-3	Codes & Standards	Compliance Enhancement-Improvement	Number of role-based, Title 24, training sessions delivered.	2b	60	
CS-4	Codes & Standards	Reach Codes (RC)	Number of jurisdictions in IOU Service territories with CEC approved Reach Codes in residential and/or commercial sectors as a result of the RC sub-program activities.	2b	TBD**	The statewide C&S team will provide a target number by the end of 2013.

\* A quantitative target for the Building Codes Advocacy PPM is not applicable since adoption of proposals to be developed during this program cycle is expected in the next program cycle.

\*\* The statewide C&S team will provide a target number by the end of 2013. Steps include a) achieving consensus on reach code objectives, structure (types of reach codes), and measures for each type, b) development of measure incremental costs, and c) determining cost effectiveness for each climate zone. Determining cost effectiveness requires CEC approved compliance software which is not expected until late 2013, so we are currently unable to conduct reach code analyses based on 2013 building codes anticipated to be effective 1/1/14.

**Attachment 2.5 – Emerging Technology Program**

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Quantitative Targets			
					PG&E	SCE	SDG&E	SCG
ET-1	Emerging Tech.	Core	The cumulative number of new "proven" ET measures adopted* into the EE Portfolio from 2010 forward.  * "Adoption" means measure is available to end-use customers through IOU programs. Adoption of a measure may be attributed to one or more ET sub-programs.	2b	Tracked and reported through the ETP database			
ET-2	Emerging Tech.	Core	Cumulative potential energy impacts** (energy savings and demand reduction) of the adopted ET measures into the EE portfolio from 2010 forward.  **Potential energy impacts to be reported based on ET project findings and estimated market potential (reported through quarterly ET database updates)	2b	Tracked and reported through the ETP database			
ET-3	Emerging Tech.	Technology Assessment	Number of technology assessment projects completed, including but not limited to each of the following: (a) Advanced HVAC technologies (b) High efficiency plug loads and appliances (c) Advanced lighting technologies (d) Other	2b	22	34	8	12
ET-7	Emerging Tech.	Technology Development Support	Number of new performance specifications and/or Use Cases* produced as a result of TDS sub-program.  * "Use Cases" describe the need for a technology or application.	2b	2	18	1	1
New	Emerging Tech.	Technology Introduction Support	Number of technology introduction support projects conducted.	2b	8	6	2	2

Attachment 2.5 – Emerging Technology Program

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Quantitative Targets				Comments
					PG&E	SCE	SDG&E	SCG	
ET-1	Emerging Tech.	Core	The cumulative number of new "proven" ET measures adopted* into the EE Portfolio from 2010 forward. * "Adoption" means measure is available to end-use customers through IOU programs. Adoption of a measure may be attributed to one or more ET sub-programs.	2b	Tracked and reported through the ETP database				
ET-2	Emerging Tech.	Core	Cumulative potential energy impacts** (energy savings and demand reduction) of the adopted ET measures into the EE portfolio from 2010 forward. **Potential energy impacts to be reported based on ET project findings and estimated market potential (reported through quarterly ET database updates)	2b	Tracked and reported through the ETP database				
ET-3	Emerging Tech.	Technology Assessment	Number of <del>ETP measures which have undergone TA that are adopted* into the EE portfolio, technology assessment projects completed</del> , including but not limited to each of the following: (a) Advanced HVAC technologies (b) High efficiency plug loads and appliances (c) Advanced lighting technologies (d) Other  <del>* "Adoption" means measure is available to end-use customers through IOU programs.</del>	2b	22	34	8	12	
ET-7	Emerging Tech.	Technology Development Support	Number of new performance specifications and/or Use Cases* produced as a result of TDS sub-program. * "Use Cases" describe the need for a technology or application.	2b	2	18	1	1	
New	Emerging Tech.	Technology Introduction Support	Number of technology introduction support projects conducted.	2b	8	6	2	2	New PPM

PPMs to be deleted:

PPMs to be deleted:					Reason for deletion				
ET-4	Emerging Tech.	Scaled Field Placement (SFP)	1. Number of ETP measures that have undergone SFP and are adopted* into the EE portfolio. * "Adoption" means measure is available to end-use customers through IOU programs.						Incorporated as element in TIS projects (ET-5) due to merging of subprograms from 2010-2012 to 2013-2014 cycle
ET-5	Emerging Tech.	Demonstration Showcases (DS)	1. Self-reported increase in knowledge by randomly selected sample of targeted stakeholders who either 1) visited the DS or 2) were informed about the DS in a workshop about benefits of the DS.						Incorporated as element in TIS and TA (ET-3 and ET-5) due to merging of subprograms from 2010-2012 to 2013-2014 cycle. Also, due to the small target audience we found in the 2010-2012 evaluation, the PCG suggests that quantitative metrics are not a valid measure of the program's effectiveness in increasing knowledge.
ET-6	Emerging Tech.	Market and Behavioral (M&B) Studies	1. Self-reported increase in knowledge among internal ET stakeholders about the technologies targeted by the M&B studies.						Incorporated into ET-3, ET-4, and ET-5 as element cross-cuts new subprograms due to merging of subprograms from 2010-2012 to 2013-2014 cycle. Also, due to the small target audience we found in the 2010-2012 evaluation, the PCG suggests that quantitative metrics are not a valid measure of the program's effectiveness in increasing knowledge.

Attachment 2.5 – Emerging Technology Program

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Quantitative Targets				Comments
					PG&E	SCE	SDG&E	SCG	
ET-8	Emerging Tech.	Technology Development Support	2. Number of new performance specifications and/or Use Cases presented to manufacturers/private industry for possible action.* * "Possible action" means that the manufacturer/private industry considered TDS results in their product development efforts.						Not useful or easily measurable information, as this is an action and not a result
ET-9	Emerging Tech.	Technology Resource Incubation and Outreach	Percent of attendees who voluntarily respond and self-report increased understanding of how to do business with utilities.						Incorporated as element in TDS (ET-4) due to merging of subprograms from 2010-2012 to 2013-2014 cycle.
HVAC-8	HVAC	Tech and System Diagnostics	Status of progress towards completion of roadmap (i.e., plan and recommendations) to support the development of a national standard diagnostic protocol (activities, concrete actions taken.)						PPM was part of prior cycle HVAC Program and is obsolete, as roadmap was completed in 2012.

Attachment 2.6 – Workforce Education Training

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance			
					PG&E	SCE	SDG&E	SCG
WET-1	Workforce Education and Training	Centergies	<p>Number of collaborations* with partners**. (Tracked and reported by and number of partners and partner type.)</p> <p>* “Collaboration” includes, but is not limited to seminars, outreach events and consultations as needed. These collaborations include exchanges of monetary or in-kind support and services (i.e., sharing meeting facilities, marketing/promotional services, etc.).</p> <p>** Partners include, but are not limited to professional organizations, trade associations/apprenticeship programs, CBO’s, community colleges, and universities.</p>	2b	Track and Report			
WET-2	Workforce Education and Training	Centergies	<p>Number of collaborations* with organizations serving underserved communities.**</p> <p>* “Collaboration” includes, but is not limited to seminars, outreach events and consultations as needed. These collaborations include exchanges of monetary or in-kind support and services (i.e., sharing meeting facilities, marketing/promotional services, etc.).</p> <p>** Underserved communities include, but are not limited to, people who are low-income, minority, military veterans, and/or live in geographically remote areas.</p>	2b	Track and Report			

Attachment 2.6 – Workforce Education Training

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance			
					PG&E	SCE	SDG&E	SCG
WET-3	Workforce Education and Training	Centergies	<p>Increase percentage of classes with integrated content over 2013 baseline.</p> <p>* If a training program meets either or both of the criteria below, the programs are classified as “integrated”:</p> <p>1. Integration through a balance of building systems content Course content includes material on at least two building systems (i.e. mechanical, building envelope, lighting, solar, water, etc.) their relevance to one another, and how an integrated systems approach optimizes overall demand management with impacts that address energy efficiency, demand response, or smaller renewable energy systems.</p> <p>2. Integration through technology content Technologies discussed can be used to fulfill at least two of the three subjects of Integrated Demand Side Management (EE, DR, DG). IDSM technology examples would include dimming ballasts, Energy Management Systems, controls, or any technology with a work paper that includes both kW and kWh savings.</p> <p>Energy efficiency technologies result in permanent load reduction and are therefore not demand response technologies. Demand response technologies have the ability to respond to a demand response event for temporary load reduction. Distributed generation technologies deliver power to an individual building or set of buildings.</p>	2b	Increase % over 2013 baseline			
WET-4	Workforce Education and Training	Connections	<p>Percent increase in educational collaborations* with partners. (Tracked and reported by educational level, and by number of partners serving Title-1 communities**.)</p> <p>* Educational “collaboration” includes, but is not limited to seminars, outreach events and consultations as needed. These collaborations include exchanges of monetary or in-kind support and services (i.e., sharing meeting facilities, marketing/promotional services, etc.).</p> <p>** Title 1 community is defined as a ZIP code where a Title 1 school is located.</p>	2b	520	174	280	178

Attachment 2.6 – Workforce Education Training

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance			
					PG&E	SCE	SDG&E	SCG
WET-5	Workforce Education and Training	Connections	Percent of K-12 WET Connection program participants that are Title 1 schools.	2a	50%	50%	50%	50%
WET-7	Workforce Education and Training	Connections	<p>Number of post-secondary continuing education outreach partnerships* in WET Connections.</p> <p>* Post-secondary continuing education outreach partnerships include; organizations, agencies, unions, non-profits that provide EE related training and career education to disadvantaged young adults with barriers to education or employment, including minority and low income young adults.</p>	2a	29	3	3	2

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metrics				Comments
					PG&E	SCE	SDG&E	SCG	
WET-1	Workforce Education and Training	Centergies	<p><del>Percent increase in educational</del> Number of collaborations* with partners** . (Tracked and reported by <del>education-level</del>, and number of partners and partner type.)</p> <p>* "Collaboration" is defined as includes, but is not limited to seminars, outreach events and consultations as needed. These collaborations include exchanges of monetary or in-kind support and services (i.e., sharing meeting facilities, marketing/promotional services, etc.).</p> <p>** Partners include, but are not limited to professional organizations, trade associations/apprenticeship programs, CBO's, community colleges, and universities.</p>	2b		Track and Report			Target for PPM is not percent increase in quantity. IOUs will focus on deeper, and potentially fewer, collaborations, as a better approach toward delivering WE&T programs.
WET-2	Workforce Education and Training	Centergies	<p><del>Percent increase in educational</del> Number of collaborations* with organizations serving <del>disadvantaged underserved</del> communities.**</p> <p>* "Collaboration" is defined as includes, but is not limited to seminars, outreach events and consultations as needed. These collaborations include exchanges of monetary or in-kind support and services (i.e., sharing meeting facilities, marketing/promotional services, etc.).</p> <p>** Underserved communities include, but are not limited to, people who are low-income, minority, military veterans, and/or live in geographically remote areas.</p>	2b		Track and Report			Target for PPM is not percent increase in quantity. IOUs will focus on deeper, and potentially fewer, collaborations, as a better approach toward delivering WE&T programs.
WET-3	Workforce Education and Training	Centergies	<p><del>Number of IDSM educational classes with substantial</del><sup>17</sup> IDSM (EE, DR, and DG) content.*</p> <p><del>**Substantial" is defined as approximately 50% or more of class content must address IDSM subject matter.</del></p> <p>Increase percentage of classes with integrated content over 2013 baseline.</p> <p>* If a training program meets either or both of the criteria below, the programs are classified as "integrated":</p> <ol style="list-style-type: none"> <li>1. Integration through a balance of building systems content Course content includes material on at least two building systems (i.e. mechanical, building envelope, lighting, solar, water, etc.) their relevance to one another, and how an integrated systems approach optimizes overall demand management with impacts that address energy efficiency, demand response, or smaller renewable energy systems.</li> <li>2. Integration through technology content Technologies discussed can be used to fulfill at least two of the three subjects of Integrated Demand Side Management (EE, DR, DG). IDSM technology examples would include dimming ballasts, Energy Management Systems, controls, or any technology with a work paper that includes both kW and kWh savings.</li> </ol> <p>Energy efficiency technologies result in permanent load reduction and are therefore not demand response technologies. Demand response technologies have the ability to respond to a demand response event for temporary load reduction. Distributed generation technologies deliver power to an individual building or set of buildings.</p>	2b		Increase % over 2013 baseline			Revised definition as agreed with Energy Division and IDSM/WE&T teams. Baseline will be established in 2013 for statewide approach to measuring IDSM content.

Attachment 2.6 – Workforce Education Training

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Program Performance Metrics				Comments
					PG&E	SCE	SDG&E	SCG	
WET-4	Workforce Education and Training	Connections	Percent increase in educational collaborations* with partners. (Tracked and reported by educational level, and by number of partners serving Title-1 communities**.)  * Educational "collaboration" includes, but is not limited to seminars, outreach events and consultations as needed. These collaborations include exchanges of monetary or in-kind support and services (i.e., sharing meeting facilities, marketing/promotional services, etc.).  ** Title 1 community is defined as a ZIP code where a Title 1 school is located.	2b	520	174	280	178	Language added for clarity
WET-5	Workforce Education and Training	Connections	Percent of K-12 WET Connection program participants that are <del>from</del> Title 1 schools.	2a	50%	50%	50%	50%	Change made for clarity
WET-7	Workforce Education and Training	Connections	Number of <del>high school post-secondary</del> continuing education outreach partnerships* in WET Connections.  * Post-secondary continuing education outreach partnerships include; organizations, agencies, unions, non-profits that provide EE related training and career education to disadvantaged young adults with barriers to education or employment, including minority and low income young adults.	2a	29	3	3	2	Clarified definition of partnerships

PPMs to be deleted:

Reason for deleting:

WET-6	Workforce Education and Training	Connections	Complete baseline study to determine the current number of partnerships. (Y/N)	2a					Completed, as reported in May 2, 2011 PPM Narrative Report
HVAC-9	HVAC	WE&T	Status of progress towards completion (activities, concrete actions taken) of detailed WE&T roadmap (plans, goals, timelines and recommendations).	2a					Completed by HVAC program, as reported in May 1, 2012 PPM Narrative Report

**Attachment 2.7 – Integrated Demand Side Management**

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Quantitative Targets															
					PG&E				SCE				SDG&E				SCG			
					Res	C	I	A	Res	C	I	A	Res	C	I	A	Res	C	I	A
IDSM-1	IDSM	IDSM	Awareness and knowledge among relevant IOU program staff (e.g. program managers, DSM leadership, program designers, field engineers, and account executives) regarding how IDSM relates to and impacts their efforts and programs	2b	80% of relevant staff understand how to offer customers integrated EE, DR and DG.				80% of relevant staff understand how to offer customers integrated EE, DR and DG.				80% of relevant staff understand how to offer customers integrated EE, DR and DG.				80% of relevant staff understand how to offer customers integrated EE and DG.			
IDSM-2	IDSM	IDSM	The IOUs will document lessons learned, improvement options, and leveraging opportunities from customer usage and/or billing data where possible during the 2013-2014 program cycle. (Y/N).	2b																
IDSM-3	IDSM	IDSM	Number and percentage of integrated audits provided to each customer segment (Res, Comm, Ind, Ag).	2b	8000 0.1%	1200 0.3%	100 0.3%	100 0.2%	48,111 1.1%	9311 1.8%	1493 3.2%	120 0.4%	5,000 0.5%	TBD	TBD	TBD	20,000 0.4%	TBD	TBD	TBD
IDSM-4	IDSM	IDSM	A status report that highlights IOU integrated demand-side management program pilots and offerings. The report should include lessons learned, best practices, and opportunities for improvement, focusing on how the program portfolio is addressing strategic planning goals / objectives and D.09-09-047 directives regarding integration, as well as the IDSM program 2013-2014 objectives. The status report will also include the number and type of projects (EE, DR, or DG) implemented by each customer who participates in the CEI program. (Y/N)	2b	One combined SW status report				One combined SW status report				One combined SW status report				One combined SW status report			
IDSM-5	IDSM	IDSM	For Residential, Commercial, Industrial, and Agricultural customers who received integrated audits, the number and percent of integrated audits that successfully converted to customer participation in IOU programs over the three year useful life of the integrated audit (conversion separated by EE, DR, DG).*	2b	30.0%	30.0%	30.0%	30.0%	44.5%	22.7%	14.0%	33.0%	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
IDSM-6	IDSM	IDSM	Establish a baseline for program participant awareness of IDSM practices in each of the market sector subprograms.	2b	Yes, survey will reach each subprogram group				Yes, survey will reach each subprogram group				Yes, survey will reach each subprogram group				Yes, survey will reach each subprogram group			

Attachment 2.7 – Integrated Demand Side Management

PPM ID	Program	Sub-Program	Metric	Metric Type	2013-2014 Quantitative Targets																Comments
					PG&E				SCE				SDG&E				SCG				
					Res	C	I	A	Res	C	I	A	Res	C	I	A	Res	C	I	A	
IDSM-1	IDSM	IDSM	Awareness and knowledge among relevant IOU program staff (e.g. program managers, DSM leadership, program designers, field engineers, and account executives) regarding how IDSM relates to and impacts their efforts and programs	2b	80% of relevant staff understand how to offer customers integrated EE, DR and DG.				80% of relevant staff understand how to offer customers integrated EE, DR and DG.				80% of relevant staff understand how to offer customers integrated EE, DR and DG.				80% of relevant staff understand how to offer customers integrated EE and DG.				
IDSM-2	IDSM	IDSM	<del>Complete and make available integrated audit or survey tools (on-line and on-site) to residential and non-residential customers in all IOU programs that provide audits / surveys (and include EE, Demand Response (DR), and Distributed Generation (DG) recommendations). (Y/N)-The IOUs will document lessons learned, improvement options, and leveraging opportunities from customer usage and/or billing data where possible during the 2013-2014 program cycle. (Y/N).</del>	2b																	
IDSM-3	IDSM	IDSM	Number and percentage of integrated audits provided to each customer class-segment (Res, Comm, Ind, Ag) <del>class and NAICS code.</del>	2b	8000 0.1%	1200 0.3%	100 0.3%	100 0.2%	48,111 1.1%	9311 1.8%	1493 3.2%	120 0.4%	5,000 0.5%	TBD	TBD	TBD	20,000 0.4%	TBD	TBD	TBD	TBD - SDG&E and SCG will determine targets after new contract(s) in place.
IDSM-4	IDSM	IDSM	<del>A status report that highlights IOU identifies how well integrated (EE, DR, DG) all IOU demand-side energy management program pilots and offerings, and components are (e.g., CEI, Commercial, Agricultural, Industrial, Residential, Audits)-The report should include lessons learned, best practices, and opportunities for improvement, focusing on plans, and how the program portfolio is addressing strategic planning goals / objectives and D.09-09-047 directives regarding integration, as well as the IDSM program 2013-2014 objectives. The status report will also include the number and type of projects (EE, DR, or DG) implemented by each customer who participates in the CEI program, specified in the PPM Worksheet. The report will review how the IOUs have developed internal and external frameworks that support integration of IDSM programs and technologies. (Y/N)</del>	2b	One combined SW status report				One combined SW status report				One combined SW status report				One combined SW status report				
IDSM-5	IDSM	IDSM	<del>Number and percent of integrated audit participants (identify NRA participants) in all customer classes (Residential, Commercial, Industrial, Agriculture) that implement recommended DSM measures / participate in other DSM programs (EE, DR, DG)-Track which categories implemented / participated in) or other recommended technical process and practice improvements. (If possible, identify whether participants received incentives or not.)<sup>12</sup> For Residential, Commercial, Industrial, and Agricultural customers who received integrated audits, the number and percent of integrated audits that successfully converted to customer implementation-participation in IOU programs over the three year useful life of the integrated audit (conversion separated by EE, DR, DG).*</del>  * Only integrated audits which have been active for the full useful life period of three calendar years will be reported.	2b	30.0%	30.0%	30.0%	30.0%	44.5%	22.7%	14.0%	33.0%	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	A "conversion" is counted as the conversion of an integrated audit to just one type of project, eg. EE, but we will track conversions to all three categories. Only integrated audits which have been active for the full useful life period of three calendar years will be reported. TBD - SDG&E and SCG will determine targets after new contract(s) in place.
IDSM-6	IDSM	IDSM	Establish a baseline for program participant awareness of IDSM practices in each of the market sector subprograms.	2b	Yes, survey will reach each subprogram group				Yes, survey will reach each subprogram group				Yes, survey will reach each subprogram group				Yes, survey will reach each subprogram group				

**PG&E Gas and Electric  
Advice Filing List  
General Order 96-B, Section IV**

1st Light Energy	Downey & Brand	OnGrid Solar
AT&T	Ellison Schneider & Harris LLP	Pacific Gas and Electric Company
Alcantar & Kahl LLP	G. A. Krause & Assoc.	Praxair
Anderson & Poole	GenOn Energy Inc.	Regulatory & Cogeneration Service, Inc.
BART	GenOn Energy, Inc.	SCD Energy Solutions
Barkovich & Yap, Inc.	Goodin, MacBride, Squeri, Schlotz & Ritchie	SCE
Bartle Wells Associates	Green Power Institute	SDG&E and SoCalGas
Bear Valley Electric Service	Hanna & Morton	SPURR
Braun Blaising McLaughlin, P.C.	In House Energy	San Francisco Public Utilities Commission
California Cotton Ginners & Growers Assn	International Power Technology	Seattle City Light
California Energy Commission	Intestate Gas Services, Inc.	Sempra Utilities
California Public Utilities Commission	Kelly Group	SoCalGas
Calpine	Linde	Southern California Edison Company
Casner, Steve	Los Angeles Dept of Water & Power	Spark Energy
Cenergy Power	MAC Lighting Consulting	Sun Light & Power
Center for Biological Diversity	MRW & Associates	Sunshine Design
City of Palo Alto	Manatt Phelps Phillips	Tecogen, Inc.
City of San Jose	Marin Energy Authority	Tiger Natural Gas, Inc.
Clean Power	McKenna Long & Aldridge LLP	TransCanada
Coast Economic Consulting	McKenzie & Associates	Utility Cost Management
Commercial Energy	Modesto Irrigation District	Utility Power Solutions
Crossborder Energy	Morgan Stanley	Utility Specialists
Davis Wright Tremaine LLP	NLine Energy, Inc.	Verizon
Day Carter Murphy	NRG Solar	Water and Energy Consulting
Defense Energy Support Center	Nexant, Inc.	Wellhead Electric Company
Dept of General Services	North America Power Partners	Western Manufactured Housing Communities Association (WMA)
Douglass & Liddell	Occidental Energy Marketing, Inc.	