



Answers to Energy Division Questions of October 16, 2010 – HVAC Program
October 21, 2010

1. How does the 2006-2008 HVAC QM program (i.e., the VSP model) function? I would like to see a flow diagram representing:

(a) the various entities involved (HVAC contractor / service company, HVAC technician, VSP, QM contractor (if different from HVAC contractor), customer, utility, code official, etc.); and

(b) how \$, services, and other interactions flow between them.

A. See Joint IOU slides and corresponding presentation.

2. How will the 2010-2012 HVAC QM program function? I would like to see a flow diagram representing similar information as in question #1.

A. See Joint IOU slides and corresponding presentation.

3. Is the 2010-2012 HVAC QM program being implemented exactly in accordance with the Program Implementation Plan (PIP), and if not, what modifications have been made?

A. See Joint IOU slides and corresponding presentation.

4. What is the plan and current stage of implementation of the 2010-2012 HVAC QM program development, launch, and scale up? To what extent are the IOUs in agreement with this plan, and what role(s) is each IOU playing to implement it?

A. See Joint IOU slides and corresponding presentation.

5. Why have PG&E and SDG&E chosen to continue the 2006-2008 program, and why has SCE chosen to discontinue it?

A. PG&E has not continued its 2006-2008 program. To maintain the continuity of PG&E actions to improve HVAC energy efficiency, including keeping participating contractors engaged while the HVAC Maintenance study and field studies, plus additional product offering analyses are underway, in 2010 PG&E rolled out an initial phase of the QM effort with a subset of DEER-based measures at the core of QM i.e., DTS and RCA.

(a) Have PG&E / SDG&E and SCE drawn different conclusions from the 2006-2008 evaluation report?

A. See Joint IOU slides and corresponding presentation.

(b) What strategies is each IOU pursuing through the choices they have made to date about the 2006-2008 program delivery model, and how / when are these strategies going to converge (if at all)?

A. See Joint IOU slides and corresponding presentation.

6. Under what authority and from what funding source(s) (i.e., which program budget(s)) have PG&E and SDG&E continued to offer the 2006-2009 program?

A. PG&E has funded QM HVAC efforts in 2010 through the HVAC funding source authorized by the Commission: Residential Quality Maintenance and Commercial Quality Maintenance Development – EEGA Program number PGE21065.

7. Does the 2010-2012 HVAC QM program development / launch / scale up involve the following activities, and if so, how is the IOUs approach to these activities the same / different from IOUs' understanding of the approach being promoted by the "VSP coalition" (i.e., Rocky Bacchus et al.)?

(a) lab testing (of RCA, DTS, and other measures / strategies),

A. See Joint IOU slides and corresponding presentation.

(b) field testing,

A. See Joint IOU slides and corresponding presentation.

(c) side-by-side testing of VSP handheld devices, and

A. See Joint IOU slides and corresponding presentation.

(d) QM protocol development

A. See Joint IOU slides and corresponding presentation.

8. To what extent have the IOUs reached out to the VSP coalition to find common ground? Is there potential for common ground?

A. See Joint IOU slides and corresponding presentation.

9. What role does the HVAC Performance Alliance QM Subcommittee play in informing the implementation of the 2010-2012 HVAC QM program, and how have non-utility players been engaged? Does the 2010-2012 program design have broad support in the HVAC industry, and if so, who supports it?

A. See Joint IOU slides and corresponding presentation.

10. Have the IOUs conducted any independent studies to corroborate / refute the results of the 2006-2008 HVAC QM evaluation study, and if so what are the most relevant findings?

A. See Joint IOU slides and corresponding presentation.

11. How do the IOUs plan to count savings from the 2010-2012 HVAC QM program, or will it be implemented as a non-resource program? If savings are not counted, how do the IOUs plan to make up savings anticipated to come from this program in this program cycle? If savings are going to be counted, what is the anticipated TRC or the program?

A. See Joint IOU slides and corresponding presentation.

12. In order to implement the 2010-2012 program as currently envisioned, will any Commission action need to be taken (e.g., Petition for Modification) to maintain compliance with Commission orders?

A. See Joint IOU slides and corresponding presentation.