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Subject: Pre-meeting questions for 10/22 HVAC QM status update

Hi All,

I have spoken to several of the IOU folks about the sorts of questions I am hoping to have answered at Friday's 10/22 meeting on HVAC QM status. For some reason, I don't know who the appropriate SDG&E program person(s) are, so can someone (Athena?) please forward to them?

It would be helpful if you structured your presentation(s) to address these questions. Here are my questions:

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

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.

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?

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?

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

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

(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)?

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?

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),

(b) field testing,

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

(c) QM protocol development

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

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?

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?

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?

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?

Best,

Simon Baker

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