

From: [Redacted]  
Sent: 10/26/2010 2:47:57 PM  
To: Baker, Simon (simon.baker@cpuc.ca.gov); cathleen.fogel@cpuc.ca.gov (cathleen.fogel@cpuc.ca.gov)  
Cc: Ramaiya, Shilpa R (/o=PG&E/ou=Corporate/cn=Recipients/cn=SRRd); [Redacted]  
[Redacted]  
Bcc:  
Subject: Request for Meeting to Discuss Approach to Workpapers for PWHRP

Simon and Cathy,

PG&E would like to meet with you late next week if possible to review our plans regarding the submission of PWHRP work papers. See the note below for more context (Item 2 under next steps). We proposed to meet sometime on November 4th or 5th. If either of these dates is acceptable, please propose one or two times that are good for key Energy Division staff and PG&E will try to accommodate your schedule. Thanks in advance.

[Redacted]  
Principal, IDSM, EE Statewide Lead  
[Redacted]

**From:** Fogel, Cathleen A. [mailto:cathleen.fogel@cpuc.ca.gov]  
**Sent:** Monday, October 25, 2010 1:59 PM  
**To:** [Redacted]; Amri.Christianto@sce.com; [Redacted]  
**Cc:** marlin.addison@doe2.com; Lai, Peter  
**Subject:** PWHRP workpaper issues and Agenda for tomorrow's check in call

All,

I recieved a call from [Re] on Friday inquiring as to ED's assumptions on installation of low flow or integral thermostatic valve/low flow showerheads. ED's spreadsheets assumed that all customers would be offered this measure. If accepted, the contrator would install it. We assumed about 50% acceptance rate of the measure by customers based on studies of previous low flow showerhead voluntary acceptance by customers.

Here are the excerpts from the technical review provided by Energy Division to all IOUs in late August:

- 1.6.1 While inclusion of all five measures for each PWHRP participant should be the goal, this is not required. Specific language should be added to the PWHRP WP indicating the following rules for PWHRP participation:
- The PWHRP was designed for residences with central air conditioners and furnaces (i.e., homes with HVAC ducts), however, residences without HVAC ducts (i.e., without central AC or furnaces) may participate in the program. For participating residences with HVAC duct systems, the duct sealing measure is required.
  - Infiltration air sealing is required for all participating residences and is understood to occur as part of the combustion safety testing and directed by the use of blower door testing.
  - Blown-in attic insulation will be added to all assessable ceiling/roof areas so as to provide an average R-value of R<sub>38</sub>.
  - DHW pipe wrap insulation will be added to all accessible un-insulated DHW HW piping.

e) Low-flow showerheads should be direct installed whenever possible and when approved by the customer; however, the installation of low-flow shower heads and/or low-flow thermostatic shut off valves is not required for PWHRP program participation.

Energy Division understands from IOU submittal of the most recent PWHRP data request and our last bi-weekly check in that IOUs have agreed that the following three measures are required on EACH PRESCRIPTIVE JOB and will ensure contractors adhere to this via rigorous QA/QC procedures by your program implementers.

- attic insulation
- blower-door directed air sealing
- duct test and seal (ALL participating homes required to have ducts; in SCE territory, all participating homes also required to have air conditioning of some kind)

Customers not able to meet these conditions will be directed to the performance program.

As you can see, these conditions vary somewhat from those summarized above and reflected in ED's spreadsheet.

Next Steps for PWHRP workpaper review:

1) ED will update spreadsheet to reflect these consistent customer participation requirements. PG&E/SDG&E had previously determined to use ED's spreadsheet values as the basis of their final approved workpaper, so this final submittal should use the updated spreadsheet values and workpaper text modified to reflect these customer conditions as well. ED should be able to supply the updated spreadsheet this week.

2) IOUs (PG&E) will submit proposed Early M&V study plan regarding leakage/air sealing and possible the cumulative PWHRP workpaper estimates ASAP.

3) Upon receipt/approval of this study proposal, ED will issue a memo indicating that it is open to accepting updated "ex-ante" values for the prescriptive program based on the Early M&V studies. However, given that D 09-09-047 requires ED to use frozen ex-ante values for all 2010-2012 savings estimates, this exception to this approach for this new, "pilot"-type whole house program will probably need to be addressed procedurally by the full Commission (i.e., Energy Division staff, it appears, do not have the discretion to make this decision). IOU staff should discuss with regulatory managers how this can best be addressed- is the existing PTM an option?

**Proposed AGENDA for Tuesday Oct 26th 4 pm ED-IOU Check in Call on Whole House:**

- 1) IOU report back on QA/QC discussion
- 2) Review workpaper plan as needed
- 3) Discuss contractor feedback circulated on CA HERC list
- 4) Jeff report in on meeting with Merrian
- 5) Marketing coordination update-
  - a) have IOUs secured Draft FCB's POV on coordination between Engage 360 and Energy Upgrade Community Leader models?
  - b) Draft FCB contract executed and have they started work?
  - c) What is the timing to get to ED the updated CBSM plan promised on Oct 14th call with IOU marketing leads?
  - d) IOU's "asks" for web portal process to CEC?
  - e) IOU "co-lead" to MIG/CEC on web portal?
  - f) Who are IOU Energy Upgrade CA and Engage 360 SW leads? (need names)
- 6) ??

Thanks!

Cathy

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