From:	Hunt, Marshall
To:	Eilert, Patrick L
Subject:	RE: Status of Furnaces - Docketed Comments
Date:	Friday, October 16, 2015 8:59:51 AM

No - I am in DC working and then spending the week end with Pam. Call anytime... I am at my "desk" I am getting a quick bite to eat and back at 9:30 am your time. I will be on the 10:30 call

Marshall B. Hunt Professional Mechanical Engineer Codes & Standards Pacific Gas & Electric Company 415-260-7624 mbh9@pge.com

From: Eilert, Patrick L Sent: Friday, October 16, 2015 8:56 AM To: Hunt, Marshall Subject: RE: Status of Furnaces - Docketed Comments

Thanks Marshall. Are you in Davis today?

From: Hunt, Marshall
Sent: Friday, October 16, 2015 8:01 AM
To: Eilert, Patrick L; Anderson, Mary; Craig Tyler (<u>craigtyler@comcast.net</u>); 'Gary Fernstrom' (<u>GFernstrom@msn.com</u>)
Subject: Status of Furnaces - Docketed Comments

All

News of the AGA/ACEEE meeting and select docketed comments.

The last in line from EEI raises the important point that HP efficiencies have gone up while furnaces have not which creates a fuel switching (electric to gas) issue that DOE is not analyzing. EEI concerns combined with AHRI's attack on the DOE LCC method (following on AGA's attack on the LCC method and the House legislation 10 yr simple pay back language) do not bode well for success in the present AC HP standards proceedings. The furnace and HP AC rulemaking proceedings are linked by AHRI.

CEC points out the policy issues which our letter in July also covered. They urge 45 as the capacity cutoff.

SCG says <u>NO</u> to any standard as they did in their July comment letter. I thought that Sue was talking about a capacity standard with 65 as the cutoff. Either she was overruled or I did not hear her correctly or she was doing something else. Even if Steve Nadel had not brought up our "position" I believe that SCG provide AGA with the information.

Below is the ACEEE/ASAP report on the meeting with AGA. This interesting – "including Steve conveying the PG&E position" to the group for which he did not have permission. They conclude that no compromise is possible since (my observation) capacity cutoffs of 70/80/90 would be a "no standard standard".

The question is would it be best if PG&E was neutral, as Pat had earlier noted, than to support cutoff levels at 70 and above.

To carry out our President's direction we will work with Melissa and Jan in a time consuming process that has a low probability of making an external difference. Internally it is an important exercise to build understanding of C&S. My concern is that reasonable questions will need to be answered which will take significant time and effort by myself, Yanda, ESI, and other consultants. All of these resources are stretched to the limit doing other work.

Marshall B. Hunt Professional Mechanical Engineer Codes & Standards Pacific Gas & Electric Company 415-260-7624 <u>mbh9@pge.com</u>

From: Steve Nadel [mailto:SNadel@aceee.org] Sent: Friday, October 16, 2015 5:34 AM To: Andrew deLaski; Hunt, Marshall Subject: RE: Status of Furnaces

Nothing to add.

From: Andrew deLaski [mailto:adelaski@standardsasap.org]
Sent: Friday, October 16, 2015 6:09 AM
To: Hunt, Marshall
Cc: Steve Nadel
Subject: Re: Status of Furnaces

Hi Marshall: The group did discuss the cut off capacity, including Steve conveying the PG&E position. All stakeholders expressed willingness to work on a resolution that includes a cutoff, with varying degrees of enthusiasm. But the range is really wide - 50K btu input to 90 kbtu input. Our group caucused and, since we don't think a "compromise" in the middle of that range would be acceptable to us, are not optimistic about negotiations. Nevertheless, we'll meet again on Oct 27 at 4 pm.

If you want to participate directly, then I think AGA will want to include other members. My hunch is that would not be that productive, but if you have a different view, let's talk.

I'm cc'ing Steve since I was not there in person and he may have something to add.

- Andrew

On Oct 15, 2015 5:08 PM, "Hunt, Marshall" <<u>MBH9@pge.com</u>> wrote:

Any news from the AGA meeting? Any discussion of cutoff capacity? Thanks for your help.

Sent from my iPhone

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