From: <u>Hunt, Marshall</u>

To: Anderson, Mary: Eilert, Patrick L
Subject: RE: Furnace Status Draft

Date: Wednesday, September 23, 2015 11:20:24 AM

Looks good

Pat.... What do you think

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

From: Anderson, Mary

Sent: Wednesday, September 23, 2015 11:19 AM

To: Hunt, Marshall; Eilert, Patrick L **Subject:** RE: Furnace Status Draft

Here are my edits.

From: Hunt, Marshall

Sent: Wednesday, September 23, 2015 10:55 AM

To: Eilert, Patrick L; Anderson, Mary **Subject:** Furnace Status Draft

This is to go to Jan and Karen for use with Nick

Jan and Karen

This is the present status of the DOE Furnace Standard rule making.

- 1. Congress forced DOE to consider the AGA,NRDC, and ACEEE capacity based 2 Tier Standard.
- 2. While there may be some dissenters, AGA is in support of the compromise although the capacity level may go up from 55k BTUh. PG&E C&S team would like the capacity level as low as possible.
- 3. Advocating for a 95 AFUE for large furnaces (>55 kBTUh) and 80 AFUE for small furnaces is the best value for the nation and will work for California. Compared to the 92 single standard this would increase by 160% the Quads saved and increase the net present value by 210%, which is larger than expected. The higher energy savings are due to the assumption that there will be a reduction in fuel switching (from gas to electric). This isn't an issue for California compared to non-CA utilities, especially in the SE.
- 4. PG&E is working to have a Statewide IOU C&S Team comment letter. A draft will be out for review Friday. SCG has committed to let the SW IOU team know their position by the end of the week.
- 5. There is a potential meeting of EE advocates next Wednesday in Washington DC at which time we will know more. I will already be in DC and will attend the meeting. I recommend that an update be sent to Nick on the 7th with the latest information for his use with AGA

colleagues.

Please do not hesitate to contact me if you want more information. This compromise would not have happened if we and other EE advocates had not supported the DOE 92 AFUE standard.

Thank you for your attention to this important issue.

Please review and with your inputs I will send this ASAP.

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