

From: [Arshak Zakarian](#)
To: [Eilert, Patrick L](#); [Randall Higa](#); Jay.Madden@sce.com; Bach.Tsan@sce.com; [Elliott, Ed](#); [Hunt, Marshall](#); ASalas2@semprautilities.com; PPratt@semprautilities.com; [Gary Fernstrom](#); [Davis, Robert A \(ATS\)](#)
Cc: [Bijit Kundu](#); [Amanda Gonzalez](#)
Subject: RE: Res. Furnace Fans Comment Letter
Date: Friday, January 10, 2014 5:53:16 PM
Attachments: [image001.jpg](#)
[Res Furnace Fans Comment Letter_v6.docx](#)
[One Page Review Form_Furnace Fans NOPR_v5.docx](#)

All:

Amanda and I have incorporated the changes regarding the test procedure Final Rule (released 1/3/2014) into the comment letter for the standards NOPR. The updated one-page review is also attached. Here is a summary of the changes:

1. Revised comment #1 to recommend DOE to establish a rulemaking for products with furnace fan motors which were excluded in this rulemaking and recommended DOE to reference ASHRAE 37-2009 for that rulemaking
2. Altered comment #2 to require reporting of energy consumption during cooling mode (E_{cool}) since E_{max} may represent energy consumption during heating mode
3. Removed the comment regarding the timeline of final rule and test procedure publications
4. Added a comment regarding a revision of the airflow calculation in the test procedure Final Rule

We will be giving an update to the IOU team on Monday's call and are requesting sign-on by the end of the week on Friday, January 17. The extended comment letter deadline is January 23, 2014.

Thanks and have a great weekend,

Arshak Zakarian
Associate
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ph: (510) 482-4420 x297

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From: Arshak Zakarian
Sent: Friday, December 20, 2013 3:26 PM

To: 'Eilert, Patrick L'; 'Randall Higa'; 'Jay.Madden@sce.com'; 'Bach.Tsan@sce.com'; 'Elliott, Ed'; 'Hunt, Marshall'; 'ASalas2@semprautilities.com'; 'PPratt@semprautilities.com'; 'Gary Fernstrom'; 'Robert Davis'
Cc: Bijit Kundu; Amanda Gonzalez
Subject: RE: Res. Furnace Fans Comment Letter

All:

DOE has extended the comment period from December 24, 2013 to January 23, 2014 as of this afternoon. As such, we will be holding onto the letter and checking in after the new year regarding any changes to the letter before its final submission.

Thanks and have a great holiday season,

Arshak Zakarian
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From: Arshak Zakarian
Sent: Monday, December 16, 2013 4:47 PM
To: Amanda Gonzalez; Eilert, Patrick L; Randall Higa; Jay.Madden@sce.com; Bach.Tsan@sce.com; Elliott, Ed; 'Hunt, Marshall'; ASalas2@semprautilities.com; PPratt@semprautilities.com; Gary Fernstrom; Robert Davis
Cc: Bijit Kundu
Subject: RE: Res. Furnace Fans Comment Letter

All:

I've attached the most recent version of the Residential Furnace Fans comment letter to be submitted to DOE. We've fine-tuned comments according to some recent feedback from Marshall Hunt and advocates:

- Refined our technical recommendations and terminology regarding excluded product classes
- Modified what we are asking DOE to mandate manufacturers to report for different fan modes (energy consumption values instead of Fan Energy Rating (FER) values)
- Other minor grammatical changes for clearer and concise reading

We are seeking **approval by the end of the week on Friday, December 20**. Please let us know if you have any input in the meanwhile.

Thank you,

Arshak Zakarian
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From: Amanda Gonzalez
Sent: Friday, December 13, 2013 5:21 PM
To: Arshak Zakarian; Eilert, Patrick L; Randall Higa; Jay.Madden@sce.com; Bach.Tsan@sce.com; Elliott, Ed; 'Hunt, Marshall'; ASalas2@semprautilities.com; PPratt@semprautilities.com; Gary Fernstrom; Robert Davis
Cc: Bijit Kundu
Subject: Res. Furnace Fans Comment Letter

Hi All,

Attached is the first draft of the DOE comment letter for the Notice of Proposed Rulemaking (NPR) on Residential Furnace Fans.

We would like to receive sign-on decisions by **close of business, Friday 12/20**.

Please let me know if you have any comments, questions, or concerns.

Cheers,
Amanda

Amanda Gonzalez
Project Manager
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From: Amanda Gonzalez
Sent: Wednesday, December 11, 2013 10:33 PM
To: Arshak Zakarian; Eilert, Patrick L; Randall Higa; Jay.Madden@sce.com; Bach.Tsan@sce.com; Elliott, Ed; 'Hunt, Marshall'; ASalas2@semprautilities.com; PPratt@semprautilities.com; Gary Fernstrom; Robert Davis
Cc: Bijit Kundu
Subject: RE: Res. Furnace Fans Review Form

Hi All,

Attached is an updated version of the review form for the NOPR on Residential Furnace Fans.

Please refer to this attachment for the 8:30am call tomorrow on this topic.

Best,

Amanda

Amanda Gonzalez

Project Manager

Energy Solutions

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From: Arshak Zakarian

Sent: Tuesday, December 10, 2013 1:39 PM

To: Eilert, Patrick L; Randall Higa; Jay.Madden@sce.com; Bach.Tsan@sce.com; Elliott, Ed; 'Hunt, Marshall'; ASalas2@semprautilities.com; PPratt@semprautilities.com; Gary Fernstrom; Robert Davis

Cc: Amanda Gonzalez; Bijit Kundu

Subject: Res. Furnace Fans Review Form

All:

Per our discussion on the Notice of Proposed Rulemaking (NOPR) for Residential Furnace Fans on the IOU Call yesterday, I've attached:

- Review Form on NOPR for Res Furnace Fans
- DOE Public Meeting notes

Ed, on the call we discussed having a brief meeting to discuss the review – Thursday 12/12 at 8:30am seemed to work for folks. Can you help arrange this call?

Finally, here are the upcoming dates for this rulemaking:

- Tentative meeting on Thursday 12/12 at 8:30am (Ed to schedule call)
- Draft comments distributed on Friday 12/13
- **Sign-on decisions due Friday, 12/20**

Thank you,

Arshak Zakarian

Associate

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