

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

**Docket Nos. UE-151871 UG-151872
Puget Sound Energy's
Electric and Natural Gas Equipment Lease Service**

PUBLIC COUNSEL DATA REQUEST NO. 035

"CONFIDENTIAL" Table of Contents

DR NO.	"CONFIDENTIAL" Material
035	The attachment to PSE's Response to PUBLIC COUNSEL Data Request No. 035 is HIGHLY CONFIDENTIAL per Protective Order in WUTC Docket Nos. UE-151871 and UG-151872.

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PUBLIC COUNSEL DATA REQUEST NO. 035:

RE: Schedule No. 75, Sheet 175-B

Please provide any analysis, data, and/or projections PSE has regarding the percentage of residential natural gas customers that would lease a 95 percent efficient gas furnace as opposed to an 80 percent efficient furnace. If a specific study, analysis, or source was relied upon, please provide a copy of and/or link to the source, study or analysis.

Response:

As detailed on page 17 of in the Prefiled Direct Testimony of Ahmad Faruqui, Ph.D., Puget Sound Energy ("PSE") assumed that approximately "80 percent [of residential structures] have viable housing stock for the [95% efficient gas furnace] equipment". This assumption was conservatively based on feedback from external experts, and was not the result of a detailed analysis.

Attached as Attachment A to PSE's Response to Public Counsel Data Request No. 035 is a PDF document of an email exchange, which was used to inform the PSE input assumption that is noted above.

Attachment A to PSE's Response to Public Counsel Data Request No. 035 is HIGHLY CONFIDENTIAL per Protective Order in WUTC Docket Nos. UE-151871 and UG-151872.

**ATTACHMENT A to PSE's Response to
PUBLIC COUNSEL Data Request No. 035**

McCulloch, Malcolm

From: Withheld
Sent: Friday, October 09, 2015 2:35 PM
To: McCulloch, Malcolm
Subject: RE: Gas furnace ?

5% - 10% just don't work. Many of the others need patch work or should be boxed in. I cannot put a number on that. We are running 2 2" in diameter pipes 20' - 30' across the garage ceiling with a slope, many homeowners won't accept that look.

Withheld
Withheld
Withheld
Withheld
Withheld

-----Original Message-----

From: McCulloch, Malcolm [<mailto:Malcolm.McCulloch@pse.com>]
Sent: Friday, October 09, 2015 2:27 PM
To: Withheld
Subject: RE: Gas furnace ?

If you weren't having to do patch work?

Malcolm McCulloch

From: Withheld
Sent: 10/9/2015 2:22 PM
To: McCulloch, Malcolm <<mailto:Malcolm.McCulloch@pse.com>>
Subject: RE: Gas furnace ?

Maybe 5% - 10%. We can usually make it work but it might not always look clean or there might be patch work when we are done.

Hope that helps,

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Withheld

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From: McCulloch, Malcolm [<mailto:Malcolm.McCulloch@pse.com>]

Sent: Friday, October 09, 2015 12:23 PM

To: Withheld

Subject: Gas furnace ?

Withheld

Happy Friday. Thanks again for your time last week and your continued engagement.

I was hoping you might be able to advise me what % of gas furnace installations can't go with condensing equipment due to structural limitations? Any insight would be appreciated.

Malcolm McCulloch

Manager, Leasing

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