

From: [Patrick Corcoran](#)
To: [Marren, Jake](#)
Cc: [Steven Yates](#); [PUC - Clerk](#)
Subject: Re: 15k vs. 15.2k
Date: Tuesday, April 16, 2019 1:46:31 PM

Jake,

I believe you called me last year after this email and said it was something that could be brought up in the next rule-making session.

Right now customers with 2-car families, heating with air source heat pumps in old housing stock are coming up against the 15kW AC residential simple permitting limit. We would love to see the limit raised so people can reduce their carbon footprints as much as possible. Barring that we would like to see the limit raised to 15.2kW AC as described in my previous email.

What should I do to make an official suggestion about this?

Thank you,

Patrick Corcoran
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On Wed, Apr 25, 2018 at 1:39 PM Patrick Corcoran <patrick@peckelectric.com> wrote:

Dear PUC Clerk,

I have another question that will probably involve Jake so I've CC'd him.

One of the most common inverter sizes is a 7,600 watt because it has the maximum output allowable to backfeed a 200A Main Load Center with a 40A breaker. Every manufacturer that makes single phase (residential) inverters has a 7,600 watt model.

1) It would be great if the PUC could revise the 15K AC limit to 15.2K AC so installers could use 2x 7.6K inverters for large residential jobs. As it is now I have to use a 10k and a 5k and it makes the designs more complicated than they need to be.

I hope someone has brought this up at some point, but if not I'm sure I missed the comment period for this year. Please keep this in mind for future revisions and I'll try to remember the next time the PUC is looking for comments.

2) Most inverters, including the SolarEdge SE7600-H I use most often can be turned down so they will only produce whatever maximum wattage you set them to. We work with the utilities to turn commercial inverters down for various design

reasons, however those inverters are not turned down because they are at a PUC mandated limit.

Would we be allowed to install 2x 7,600 watt inverters if we agreed to limit the total output to 15,000 watts?

Thank you,

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Solar Project Manager
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