
From: Kelsven, Phillip A (BPA) - PEH-6 <pakelsven@bpa.gov>
Sent: Monday, November 14, 2016 2:00 PM
To: ConnectedThermostats@energystar.gov
Subject: Connected Thermostats Specification Feedback

I have one comments on the proposed specifications for connected thermostats.

- The proposed testing metric baseline of using the average temperature as a constant can be influenced by the product itself. The interface and ease of use of a product can influence the household behavior of temperature settings, therefore altering the temperature baseline, so this method has inherent bias in it. The Pacific Northwest is currently collecting indoor temperature data over a one year timeframe as part of our Residential Building Stock Assessment (RBSA) study. We are planning on collecting temperature data from a random sample of 700 homes that are part of the RBSA. Where a region has collected data of this magnitude and accuracy we propose that this data be used to develop an actual measured baseline in a sample of home with “average” thermostats rather than a theoretical baseline built from installed CTs.

Phillip A. Kelsven
Energy Efficiency Planner
Bonneville Power Administration
Office: 503.230.4396
Cell: 503.358.3920
pakelsven@bpa.gov