



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
AIR AND RADIATION

September 18, 2018

Dear ENERGY STAR® Smart Home Energy Management Systems Stakeholder:

The U.S. Environmental Protection Agency (EPA) is establishing stakeholder work groups for the ENERGY STAR Smart Home Energy Management Systems (SHEMS) program development process and invites your participation.

The goal of these work groups is to resolve pending questions that may inform a Draft 1 specification and beyond. Each work group will be co-chaired by EPA and an outside stakeholder. Work groups will meet at least twice a month through the end of this year through conference calls. EPA will reevaluate the groups and meeting frequency as the development of the program progresses.

Four focus areas were introduced at the 2018 ENERGY STAR Products Partner Meeting based on comments on the [SHEMS Discussion Guide](#). An additional topic came out of the [SHEMS session](#) during the meeting. Following are the work group focus areas and a key question to address:

1. **Utility pilots / data needs:** co-chair Consortium for Energy Efficiency (CEE)
 - What utility pilots or data needs are needed for utilities to support a SHEMS program?
2. **Miscellaneous energy loads**
 - How important is managing MELS with occupancy information and what strategies would lead to the most energy savings?
3. **Occupancy detection methods**
 - Which occupancy detection methods (or features) would be sufficient for this type of program?
4. **Characterizing an “away” hour:** co-chair National Renewable Energy Laboratory (NREL)
 - What is a simple and practical way to characterize an hour with effective energy optimization?

5. DR & DERs

- How might integration with demand response and distributed energy resources work to help mitigate demand issues and unintended consequences.

If you would like to participate, simply complete this [form](#) by September 25, 2018.

***We have already captured people who signed up during the session at the partner meeting, so those individuals do not need to complete the form.**

More information related to EPA's work on Smart Home Energy Management Systems can be found at www.energystar.gov/SHEMS.

Feel free to reach out with any questions to: smarthomesystems@energystar.gov.

Thank you for your interest, and we look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read "T. Jantz-Sell". The signature is fluid and cursive.

Taylor Jantz-Sell, U.S. EPA ENERGY STAR