

Summary Notes
Industrial Advisory Committee (IAC)
Thursday, January 12, 2017



Attendees:

On Phone:

Nancy Goddard – PacifiCorp
Jessica Mitchell – Snohomish PUD
Kevin Smit – NWPPCC
Sam Walker – Energy Trust of Oregon
Zeecha Van Hoose – Clark Co. PUD
Jim White – Chelan Co. PUD
Jim Conlan – Snohomish Co. PUD
Josh Monfii – NW Food Processors Association
Marty Stipe – Oregon Department of Energy

In Person:

Erin Hope – BPA
Randy Thorn – Idaho Power
Natasha Houldson – Tacoma Power
Nick O’Neil – Energy 350

NEEA Staff: Eugene Rosolie, Sepideh Rezania, Mark Rehley, Geoff Wicks, Julia Harper, Warren Fish, Josh Pelham, Nick Leritz

Welcome, Introductions, and Housekeeping Items

- a. Agenda review/Introductions

Emerging Technology Update

a. ET Update

- i. Parker Hannefin will present their Air Saver Unit at NEEA’s Product Council on January 24, 2017. IAC members are encouraged to attend either in person or by webinar.

b. Extended Motor Product Labeling Initiative

- i. ACEEE, BPA, National Labs, PG&E, and others involved in a 4 ½ year effort.
- ii. Bulk of pumps are small.
- iii. 2020 – Must have label, must meet efficiency requirement.
- iv. Label allows comparison of one pump to another and covers Commercial, Industrial, and Agriculture sectors. RTF recently approve 3500 UES measures. Erin said BPA will be using UES measures for up to 50hp. For pumps above 50hp, Erin is recommending custom analysis.
- v. The RTF measures are for new pumps only, not retrofit. For retrofits, would need an energy rating on the existing pump. Retrofit –DOE setting floor for performance. Could you use that as a baseline; currently RTF uses market baseline, which is higher than DOE minimum.
- vi. Distributors are key to what is sold and commercial and agriculture mainly rely on the distributor. Industrial more likely to have an engineer involved.

- vii. Possible opportunity for midstream intervention since utilities not involved in these transactions now. The Hydraulic Institute will maintain the data; similar to AHRI.
- viii. There will be pump manufacturers who are leaders and will get their product labeled. Of course, there will be laggards. However, a number of manufacturers are seeing labeling as a way to distinguish their product from other lower quality products.

IAC Member Share-out

ETO: recently moved in the position of senior program manager; last 3 months. Closed 70% of projects in last 60 days. Still closing 2016 targets, right now ~90% of goal. Launched continuous SEM for past SEM participants. Stan Price, NEEC, has developed a tool lending library, which ETO has used. Working on developing a tablet based audit tool. Hoping to launch in second quarter of 2017. Cannabis growing operations are taking up a lot of time.

NWPPC: adding more segments for industrial to improve data for industrial sector. Loads and end uses. They may put out an early report on this. Plan to send a request to utilities asking for segmented data.

Tacoma Power: Exceeded targets again - still wrapping up 2016. Refrigerator operator training planned. May relax project TRC requirement. Looking at BPA who has a 0.5 TRC rule, Tacoma has been using 1.0. EE is working on database upgrades.

Idaho Power: Achieved goals, 45 million kWh. Cohort approach working in industrial, Refrigeration, water (wastewater, fresh water), etc.

Clark PUD: Business as usual, very busy with customers.

BPA: Jennifer Eskil now retired. Chris Milan has been chosen to replace Jennifer as BPA's Industrial Sector Lead. Erin Hope is lead engineer on Industrial and David Lee is Ag sector lead.

Snohomish PUD: Met savings goal again for 2016. Lighting to go program with Electrical Distributors very successful. Started ESI-Wastewater Energy Coaching 2-year cohort, first workshop Feb 2017. Will transition a few customers from SI HPEM & HPEM to SEM

SEM Hub

- a. SEM Hub was viewed by the group and many features of the site were demonstrated. The site is currently on a "soft" launch meaning that it is open to the public and live but not being promoted so that the user group team can do continued testing.
- b. Final optimization and bug checks are being completed
- c. NEEA will be populating the site with content and determining any gaps in information but are asking our utility partners to also feel free to add content to the site.
- d. NEEA still looking for IAC members to do User Acceptance Testing (UAT).

Certified Refrigeration Energy Specialist (CRES)

a. Overview of CRES in the NW

- i. No concerns from IAC with current approach or NEEA/Energy 350 efforts to date
- ii. Question about what RETA is doing to help RETA chapters that need support (example Treasure Valley chapter) either financially or with presentation material
- iii. NEEA and Energy 350 will check-in with RETA on what support may be provided
- iv. Check-in with chapter liaison and make sure local chapters are aware of this resource
- v. Look at other organizations, (such as BOMA, ASHRAE, etc.) to understand how they support their members/ Would like to see more effort to recruit non-RETA members in facilities
- vi. NEEA and Energy 350 to work with partner organizations to get word out to managers about CRES value and suggest having their operators become certified, even if not a member of RETA
- vii. NEEA and Utilities have been instrumental in promoting this program, so we need to get access and partner with those that have passed the test and put together Energy Efficiency projects in order to get them full certification

b. RETA CRES Data Base Demonstration

- i. No concerns from IAC on content and format of RCD
- ii. Question about linking utility programs up with RCD so operators can connect with available incentives on activities that work with regional efficiency programs

c. Past and Future Review Courses

- i. IAC asked how to bridge gap more effectively for exam passers
- ii. NEEA working on assisting operators with documentation
- iii. Next review course may be split to provide exam prep and follow-up webinar focused on EE activities
- iv. IAC liked idea of partnering with utility offerings in area for follow-up webinar

d. Next Steps in 2018

- i. Utilities see CRES as a compliment to programs
- ii. Utility programs are not likely to offer increased incentives for CRES over other offerings without proof that savings or persistence would increase through operator certification
- iii. Connection of CRES to SEM as a way to count low and no-cost activities in model
- iv. Need more information on what RETA is doing nationally to support CRES, outside of utility programs
- v. NEEA and Energy 350 to circle back based on conversation with RETA

Wrap up/Feedback on Meeting

- a. Have ETO present on new tablet based audit
- b. Council provide an update on the industrial survey
- c. Nice to SMEs from BPA and Energy 350 at meeting
- d. NEEA asked that all participants please send any additional questions, feedback, etc.