

USB FACE-TO-FACE

June 10, 2009

8:30 a.m. to 3:30 p.m.

Facilitator: Lloyd Meyer

EER: **Boyd Wilson**

TOPICS	SPEAKER
<p data-bbox="191 636 829 695"><u>Stage-Gate® New Product Development Process</u></p> <ul data-bbox="240 730 829 1791" style="list-style-type: none"><li data-bbox="240 730 829 856">• BPA Energy Efficiency is developing a process to help assure success of new products and services that are launched in EE.<li data-bbox="240 863 829 1052">• The current Stage-Gate® committee is composed of: Ray Hartwell (Programs), Lauren Gage (Planning), Tom Osborn (Engineering), Carrie Nelson (Planning/Programs), and Boyd Wilson (Marketing).<li data-bbox="240 1058 829 1276">• The process is call “Stage-Gate®” and was invented by Robert C. Cooper who has written several books on this subject. Most Fortune 500 Corporations and many public agencies are adopting the Stage-Gate® process for their own products and service development.<li data-bbox="240 1283 829 1371">• We provided an article from the U.S. DOE that outlines the features of this process and provides templates to use.<li data-bbox="240 1377 829 1535">• The Stage-Gate® committee is incorporating requirements by the external stakeholders (the Regional Technical Forum, the PTR system, and others) into this process for BPA EE.<li data-bbox="240 1541 829 1791">• We reviewed the opportunity for Stage-Gate® within BPA’s EE and all of the USB members agreed that this process would be helpful. The USB members said that they would like Stage-Gates® updates in the beginning, during and prior to the launch of new products and services.	<p data-bbox="1141 1297 1304 1329">Boyd Wilson</p>

6th Power Plan Utility Work Group Summary

- Conservation Resource Advisory Council (CRAC) was presented (about 12 utilities).
- Reviewed the Ramp Rates, Achievability, Market Transformation, and Codes/Standards
- BPA has the opportunity to claim codes changes if we can track it, but I-937 Utilities cannot claim it.
- In two years the Sixth Power Plan has almost a 30% increase.
- The new targets are very aggressive and the utilities on CRAC are concerned.

Tom Schumacher

6th Power Plan Review

BPA staff will discuss timing of brown bag to inform utility staff of 6th Plan and discuss ability to post updated presentations and Excel spreadsheets on the Website.

Lauren Gage

Commercial Sector Update

Acting Commercial Sector Lead Ray Hartwell led a discussion of sector strategy as we approach the sixth power plan. Key areas of activity include:

- Development of a new lighting calculator in support of the C&I Lighting Standard Offer program. The group discussed the need for simplicity and flexibility.
- Continued support for the lighting program through the Northwest Trade Ally Network for C&I Lighting. The group discussed potential areas of focus for the TAN in the future.
- Development of additional deemed measures to support utilities in meeting their commercial efficiency targets. BPA should have certain commercial kitchen measures ready for the October implementation manual and is developing a strategy for taking additional measures to the RTF.
- Chain stores: The group discussed the challenges with attracting energy efficiency investments from chain businesses to the region and agreed that an opt-in, centrally administered chain-store offer could be beneficial for the region. BPA will continue collecting feedback on this approach and pursue development if there is demand.

Ray Hartwell

- Commercial New Construction: The group discussed what approaches might help capture more efficiency potential in new construction, a consensus area of difficulty. One idea was to pilot a program where a program partner works on behalf of utilities to get ahead of these fast-moving projects. Some suggested that trying this approach in one geographic area might hold promise as a way to gain experience and test viability. BPA will continue to work with utilities to develop new approaches to new construction.

Rooftop Pilot

- New name: Energy Smart Upgrade, Performance Tested HVAC service pilot program
- Rooftop Unit Savings Potential
 - 500,000 + RTU's in the region
 - Energy efficiency tune-ups aren't happening
 - 50 aMW of potential savings (5th Power Plan)
- Allowing all utilities to express interest in participating in the Pilot worked, even though some utilities knew they didn't have a very good chance of being selected.
- Pilot goals: get data for a region-wide program; gain experience by delivering service on rooftop units with multiple contractors; and get owners to know about the value proposition of RTU tune-ups
- Summer of 2009 Performance Tested HVAC Pilot
 - NEEC will deliver service on 200 RTUs in SCL and SnoPUD territories, with M&V on 120 RTUs
 - Tri-Cities Pilot - hope to service 200 , with M&V on 30 RTUs
- Having EERs and utilities promote to HVAC contractors may be a good way to roll-out the region-wide program
- Additional RTU Opportunities
 - 1) NEEA will be providing region-wide Economizer Training
 - 2) Demand Controlled Ventilation –especially in theaters
 - 3) Premium Ventilation
 - 4) Automated diagnostics, including “Advanced Rooftop units”

Mira Vowles &
Jack Callahan

Variable Refrigerant Flow (ductless heat pumps for commercial applications)

Upcoming Implementation Manual (IM)

- There will be changes in the IM on Oct. 1, 2009
- The ECA shall have the duration of five years and BPA will combine the CRC and ECA into a fund source chapter.
- There was some discussion about ways to make the IM and PTR more user-friendly.
- The Timeline was presented for putting new measures in the IM.
- There was discussion about the "Change Log" for changes in the IM.

Mike Rose

2010 Utility Energy Efficiency conference

The 2010 Utility Energy Efficiency conference reservation has been made at the DoubleTree for March 17-18 (corrected). Guest speaker recommendations are welcome. Suggestions so far include

- Ron Johnston-Rodriguez of PlugIn Center in Wenatchee, Washington
 - Department of Energy leaders
- Send other suggestions to Becky Clark.

Becky Clark

Kootenai Electric Cooperative, Inc.

- A surge protector device and curtail electric devices (TV, Computer, Printer, etc.)
- Great for outages and to protect from lighting strikes.
- The RTF has provisionally-approved 100 KWH/year for both residential and commercial applications.
- We would like to implement these units and do some M&V on these units.
- BPA is seeking Utilities to participate in this program.

Chris Aiken