

Built Environment Efficiency Working Group
Tuesday, February 19, 2019
2:00-4:00pm
550 Capitol Street NE, Salem OR 97301
Willamette Room

Attendees: Dave Wortman (DAS), Warren Cook (ODOE), Roger Kainu (ODOE), Ruchi Sadhir (ODOE, by phone), Blake Shelide (ODOE), Alex Buylova (OHCS), Rob Delmar (ODOE, by phone), Jonathan Rivin (DEQ, by phone)

2:00 – 2:20 Welcome Back, 2018 Work Review

- I. Review and Close-out
- II. Continuation / next steps for completed items
 - a. DAS has requested time at the next all-director's meeting to discuss EO 17-20 and provide an update, but has yet to hear back
 - b. Regarding the Plug Load Strategy, the upcoming updates to the Resource Conservation Policy will be a vehicle for this. DAS has started this process for incorporation and policy update.
 - c. BEEWG recognized an opportunity in 2019 to hold combined state agency training for Plug Load Strategy, Resource Conservation Policy, Energy Reporting, Energy Benchmarking, etc. DAS has been reinstating a regular Facility Managers meeting, so this could be a venue for training.
 - d. OHCS is looking to expand energy burden assessment, with a focus on energy use intensity
 - e. ODOE will continue to evaluate appliance standards opportunities and closely monitor the action of other states and the federal government as a follow-up to the 2018 standards report.
- III. Lessons learned
 - a. Meaningful stakeholder process is key. BEEWG in general felt like amount of stakeholder involvement for 2018 activity was strong.
 - b. BEEWG felt in general that 2018 process went smoothly, members appreciated feedback and collaboration from the group
 - c. Recognized that more time would have been better! But the group accomplished a lot in a short period of time
 - d. Recognized need for expansion and continuation of 2018 work

2:20 – 2:40 2019 Work Overview

- I. Action Items and Deliverables
 - a. BEEWG reviewed timeline and list of 2019 deliverables.
- II. Timelines

2:40 – 3:20 Item 6: Analysis of Cost

- I. Update from BCD on Board Input
 - a. n/a
- II. Plan for Increased Stakeholder Input
 - a. BEEWG agreed that a public meeting on this in the near future is desired
- III. Timeline
 - a. See below
- IV. “Finished Product” Discussion
 - a. BEEWG Review of three general options
 - i. Comprehensive all-inclusive calculator/spreadsheet
 - ii. Protocol only
 - iii. Combined protocol with simplified calculator
 - b. General consensus was on option iii above (combined protocol and calculator) – basic calculator and protocol with adaptability depending on specific application and need
 - c. A protocol-only, without a calculator, could leave a gap
 - d. Some level of latitude and freedom is appropriate, but needs to be well-defined
 - e. Protocol should specifically address different needs for state-agency work vs. energy code work
 - f. Calculator could provide a “range” where appropriate, to demonstrate sensitivity analysis if certain input variables are unknown but have significant impact on the outcome

3:20 – 3:50 EO Item 3D Energy Efficient Equipment

- I. Review of equipment matrix
 - a. Early 2019 has focused on the “what” - refinement of the equipment matrix (DEQ, ODOE, DAS), taking a tiered approach (for example, starting with Energy Star certification). Next steps, already started, are focusing on the “How” for integration with Procurement.
- II. Draft report
- III. Procurement Integration
 - a. DAS BEEWG members have met with DAS Procurement office to work on the best path forward
 - b. There is already language in ORS that supports inclusion of energy efficient procurement standards (around enhancing environmental well-being, promoting energy conservation)
 - c. There is also a statewide procurement policy in place from 2009, but this will need to be updated and modernized (or replaced with a new one)
 - d. DAS Procurement office is available to assist with policy drafting and development, and also suggested that DAS rules could also potentially be subsequently updated to better support the new policy.
- IV. Roll-out and communication

- a. There are multiple potential avenues for training and communication, including integration with existing statewide procurement training program, buyer's guides, and other existing means for communicating new state policies

3:50 – 4:00 Other/Next Steps

- I. Past presentations related to EO
 - a. ODOE has made a few recent presentations that include elements of the EO (Habitat for Humanity, Home Performance Coalition)
- II. Upcoming presentations, opportunities
 - a. ODOE (Ruchi and Blake) to present at Passive House Northwest conference at the end of February, will highlight a few aspects of state leadership and EO 17-20
- III. Next public meeting – March?
 - a. BEEWG discussed that a public meeting in April or later would likely be more appropriate, from an agency availability and workload standpoint
 - b. BEEWG members are always available to take questions and provide feedback to stakeholders on a continual basis

EO Item 6 Cost Analysis Timeline	2019											
	January	February	March	April	May	June	July	August	September	October	November	December
1 BEEWG Discussion												
2 ODOE / BCD expand options framework												
3 BCD Collect / Summarize Board Input												
4 Public Meeting #2												
5 BCD / ODOE develop draft of cost analysis tool (with 1-2 agency meetings per month to coordinate)												
6 Public Meeting #3												
7 BCD / ODOE continue development of cost analysis tool (with 1-2 agency meetings per month to coordinate)												
8 BCD Internal Review / Approval												
9 ODOE Internal Review / Approval												
10 BEEWG Review												
11 Finalize and publish												
Other Potential Steps												
BCD Board review of developed draft tool?												
Another public meeting												
Testing												
Note: monthly reviews at BEEWG meetings as needed												