



## EEB Evaluation Committee Monthly Meeting Minutes

Monday September 12, 2016 – 10:00-11:30am

Department of Energy and Environmental Protection – Public Utilities Regulatory Authority,  
Commissioner's Conference Room, OCC, 10 Franklin Sq., New Britain, CT

Meeting Materials in Box folder: <https://app.box.com/s/ppm1h13ejg9ei13ly1ykzic4npcbd3ly>

**Call-In Number: 712/432-1680 Code 624802#**

*(Backup number – only if primary # doesn't work – 641-715-3580 code 327934#)*

WEBINAR ACCESS: [www.join.me/SkumatzEconomics](http://www.join.me/SkumatzEconomics)

### MEETING MINUTES

**Attendees:** Lewis, Skumatz, Oswald, O'Connor\*, McCree, Duva\*, Swift, Reed, Enright-Cato, Emily Lewis (for Dornbos),

**Guest:** Franks

Note a presentation on R113 preceded the meeting (handouts will be sent out). Comments from DEEP / Duva and Enright-Cato following up on R113 presentation that just finished. Note that, as part of the comprehensive energy strategy, a key goal is to de-carbonize the State's thermal load (and Heat pumps are a primary strategy toward that end). Issues like near term cooling issue, and whether cooling is a driving force for adoption – and the associated struggle related to resulting near-term increases in GHG are important to investigate. It is important that we be able to assure a long term reduction in GHG. Lori Lewis mentions that there is little research on expected / projected A/C uptake, and notes there may need to be a shift in near vs. longer term weather focus... the "alternative" baseline is missing.

1. Public Comment - none
2. Discussion of Notes from previous meeting provided, interim calls, and e-votes. (not Approval of Minutes). Lisa provides notes with votes for information purposes only. – no comments
3. Non-Project Updates and Issues:
  - a. Review Thursday reports and highlights;
    - Schedule of reports to review & upcoming reports and presentations / technical meetings (R113 was just BEFORE this meeting / same number and join.me)
    - Review of interim meetings and votes – walked through items at end of the agenda – note it does not include data meetings or R1617 working group meetings, as those don't need "documentation" toward project funding / approvals, etc.
    - Invoice from SERA to be e-vote later this week
4. Discussion of Projects / Status (and data) – *see Gantt & Project summaries*
  - a. Walk-through of Projects / Monthly Status Report – focus on Gantt "changes" and status of new projects; update on results of call / meeting on "new" steps for projects

Lisa walked through the residential projects, but noted that budget issues are coming to a problem. With late starts on projects, delays in approval processes, and now, outstanding data requests, it is becoming difficult to reach the \$3 million expenditures budgeted for 2016, which cannot easily carry over to later years (they also have caps). We have told the evaluation consultants it is urgent they keep moving forward on the projects as fast as they can and try to get as much of the work done in 2016 as possible, but given it is mid-September, there will be issues. We provided a summary of the status of projects relative to the 3 year evaluation plan (projects that have started / not, etc.) to provide additional info on this topic. We will look into carryover policies, monitor data delivery, and keep the committee briefed on status. Additional issues beyond this are generally noted below; the best source for this info is the monthly Gantt chart and the monthly Project Summary table. Some of the data issues were also noted in the Thursday Report.

- Scott's Projects – R1615 is awaiting data and has one technical question outstanding. Reed would like to know when interviews will commence for this project.
  - Lisa's Projects - Lisa walked through data issues and project with 1602, 1613/14, and 1617. She summarized the main topic discussed at the 1617 advisory group, and the discussion and awaited data will be incorporated into the revised work scope. Next meetings will be scheduled on a fairly regular basis (2-4 weeks). Utility interviews associated with 1613/14 have identified that the databases may cover implementation for some program measures, the data needed for evaluations seem spotty / lacking, and that will make the evaluation more complex. Evaluators are considering how to address.
  - Lori's Projects – Lori noted that 2 POs seems to have slipped through the cracks – 1630 and 1639 and are urgent (they were “rfp'd”). Lori walked through data request needs and status of 1630, 1639, and 1641. A follow-up meeting for project C1641 is scheduled for 8-9am on Friday (invitation going out). Lori also walked through a couple projects on the “2016 Evaluation Plan” that have not yet started. One process evaluation (1663) will have the one-pager completed later this week. A one-pager discussion call was scheduled for next Monday at 10-11am (a notice will go out). She also noted that the other major projects that haven't yet started (1643/1644 and 1662) should be rebundled as 2 projects (as suggested by Swift) – one covering baseline and NTG / FR / SO issues for new construction, and the other for existing buildings. These will take longer to start because 1) probably needs “pool mini-RFP” process, and needs scoping work because it hasn't been done before. Leaving for next Administrator team. One other project on the list is quite small.
5. Roadmap discussion - Roadmap discussion generally tabled for next Administrator team. DEEP notes they want to make some edits to the document. Lisa noted relative priorities among the laundry list of activities should be made clear to the next Administrator team to work out relative to resources.
  6. Contractor selection procedures – mini-RFP process needed for documentation.
  7. Other items –
    - Walked through the extra forms we sent
    - Administrator Selection decision – O'Connor said scoring of the proposals and 2 interview rounds led to selection of new SERA team (includes Skumatz, Prael, Chiodo, Jacobson, and

Wirtshafter). O'Connor specifically thanked Dimetrosky and Lewis for great work. Lewis will work on a couple documentation memos she has in mind to assist with transition – her budget runs out end of Sept.

- DEEP noted that the State won a DOE grant. In conjunction with LBL and NEEP; Begins about Oct /Nov. It is focused on M&V 2.0 and transparency and automation. A question clarified that DEEP (and utilities) will be most involved, not generally the EEB Board, etc. Project is largely piloting an LBL model.

\*\*\* Supporting Materials in Box folder and attached, including:

- Updated Gantt Chart & Project Status Summary
- E-votes / call notes (attached)
- Notes from last meeting
- One pagers (none this meeting)
- Latest Thursday report

#### **Summary of interim meetings and votes in January 2016**

- 1/11/16 – to extend SERA contract until June 30 – passed;
- 1/25 – Committee conference call on first 2 C&I projects – no votes
- 1/27 – 3 votes in favor of approving choice of Res contractors; directed utilities to begin contracts; C&I contracts approved in Dec.

#### **Summary of interim meetings and votes in February**

- 2/12 – Vote to Approve C1630 passed (O'Connor, Dornbos, Gorthala)
- 2/8 – Vote to approve C1639 passed (O'Connor, Dornbos, Gorthala)
- 2/9 – Vote to approve SERA team invoice for Dec / Jan passed (O'Connor, Dornbos, Gorthala, Duva)
- 2/22 – committee call on Evaluation project list
- 2/23 – presentation on R91
- 2/26 – Vote to approve 3 year evaluation plan memo (2/9, revised 2/26 after 2/22 input from utilities) passed (O'Connor, Gorthala, Dornbos)
- 2/29 – vote to approve memo to EEB committee on evaluation plan (O'Connor, Gorthala, Dornbos)

#### **Summary of interim meetings and votes in March**

- 3/7 – Presentation of R32 (HER retention), R33 (Database improvement), R154 (lighting onsite)
- 3/9 – Skumatz presented at EEB meeting
- 3/14 – Presentation on R91 impact evaluation / engineering differences report.
- 3/14 – Webinar on Impact Evaluation methods
- 3/24 – Presentation on R151 and 2 C&I one-pagers

#### **Summary of interim meetings and votes in April**

- 4/11 During monthly meeting – PASSED - Clarifying Administrators responsibility for selecting contractors from within the competitive-RFP-qualified contractors to conduct specific evaluation projects. Passed (motion O'Connor / Gorthala). Voted in favor O'Connor, Gorthala, Dornbos proxy; None against; McCree abstain.
- 4/11 During monthly meeting – PASSED - Clarifying content of one-pagers and level of detail. Passed (motion O'Connor / Gorthala). Voted in favor O'Connor, Gorthala, Dornbos proxy; None against; McCree abstain.
- 4/11/16 – R4Plus Report Presentation. Presentation by NMR.

- 4/16/16 - Approved - One pager for C1641 approved including both optional -- with 3 votes (O'Connor, Dornbos, Gorthala on 4/14-4/16)
- 4/18/16 – Discussion of Residential One-Pager Drafts (R1615 LED NTG, and R1606 Retention of HERs). Attendees O'Connor, Oswald, Swift, Melley, McCree, Reed. HERS: timing questions. Note in future there will be gas elements. Lighting Project R1615: Interest in specialty bulbs. Prospective more important than retrospective / assessing trajectory. Elements of lifetimes would be helpful.
- 4/18/16 – Non-Energy Impacts. Attendees O'Connor, Oswald, Swift, Reed, O'Neill (GreenBank), Griffith (SWA), Rosenthal (Optimal), Smeden (Eversource), Thompson (Synch). Handouts distributed / posted.
- 4/23/16 – approve SERA Feb and March invoices (in favor O'connor, Dornbos, Gorthala, Duva)

#### **Summary of interim meetings and votes in May**

- 5/16/16 – Evaluation Committee call to discuss two one-pagers – R1613/1614 (HVAC and DHW impact) and R1602 (RNC)
- 5/16/16 – Evaluation Committee call to discuss BES and PRIME programs – utilities / administrators / evaluation consultants – to better understand program design and delivery.
- 5/20/16 – Approved – one pager for 1615 (LED NTG) – with 3 votes (O'Connor, Dornbos, Gorthala)
- 5/20/16 – Approved – one pager for 1602 (HER Persistence)– with 3 votes (O'Connor, Dornbos, Gorthala)

#### **Summary of interim meetings and votes in June**

- 6/13 – Meeting to discuss residential one-pagers (R1613/1614, R1602, and R1617) – attendees Lewis, Dimetrosky, O'Connor, Oswald, Swift, Reed, Franks, McCree, Melley. R1613/14 Discussions of baseline, free ridership, data timeframe, and upstream issues. R1602 discussed question of code change timing, MF vs. SF, lighting calculations, and non-program homes. R1617 discussed cold climate installations, integration with existing heating systems, onsite, and adjustment factor options. These points to be considered in revisions of one-pagers.
- 6/29-7/1 – O'Connor, Gorthala, Dornbos, DEEP (Melley) to approve SERA April Invoice.
- 6/29-7/1 – O'Connor, Gorthala, Dornbos, DEEP (Melley) to approve 1602 (RNC) with extra \$25K budget allotment; 1 (DEEP) in favor of project with no extras.
- 6/29-7/1 – O'Connor, Gorthala, Dornbos, DEEP (Melley) to approve 1613/1614 (HVAC & DHW Impact).
- 6/29-6/30 – O'Connor, Gorthala, Dornbos to approve Legislative report; DEEP weighing in 7/7.

#### **July / August interim votes and meetings**

- Workshop C&I 7/11 (C1630 Lgst Savers)
- Workshop C&I 7/18 (C1639 SBEA)
- 7/21 One-pager discussion R1617
- 7/22 One-pager discussion R1617
- 7/15-7/19 – C1630 Phase 2 Approved – 3 votes in favor (O'Connor, Dornbos, Gorthala); DEEP (Melley) abstained.
- 7/27 – Lori Lewis session on ECB realization rates / PSDs, etc.
- 7/26 – R1617 one pager approved (O'Connor, Dornbos, Gorthala, Melley)

- 7/27-8/2 - One-pager for C1639 approved – 3 votes in favor (O'Connor, Dornbos, Gorthala); DEEP against – to be discussed

**August interim votes and interim committee meetings**

- 8/3 SERA invoice approved for May and June 2016 (Melley, O'Connor, Gorthala)
- 8/9 R113 final released to committee; later posted
- 8/18 R15 final released to committee; later posted
- 8/17 R1613/1614 UI PO issued (R1615, R1606 issued earlier)
- 8/26 R1602 UI PO issued
- 9/6 R1617 DHP UI PO issued
- 9/12 R113 project presentation (to be conducted)