****

**EEB Evaluation Committee Monthly Meeting**

Monday December 12, 2016 – 10:00-11:30

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/oej62gmfcdfrf4hifzuj82jhts7d25qw>

**NEW Call-In Number: 303/900-3524; WEB Access:** [**www.uberconference.com/skumatz**](http://www.uberconference.com/skumatz)

 *(Backup number – only if primary # doesn’t work –720/820-1390 Code (1st caller) 8296#*

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

**NOTE: Follow-on Evaluation Plan Update Project Discussion Meeting at 11:30-…**

 *in BETP Commissioner’s Conference Room in New Britain. Sme Call-in number and web access as the committee meeting. It will start between 11:30 and 11:45 depending on when committee meeting ends.*

**DRAFT COMMITTEE MEETING AGENDA**

1. Public Comment
2. Approval of Minutes from November meeting (Skumatz) **5 min**
3. Non-Project Updates and Issues (Skumatz, all): **10 min**
	1. Review Thursday reports and highlights; review interim meetings & votes
	2. SERA team invoice
4. Discussion of Projects / Status (and data) – *see Gantt & Project summaries* **40 min**
	1. Walk-though 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
		* Residential Projects (Skumatz & Wirtshafter & Prahl)
		* C&I Projects (Chiodo & Jacobsen & Prahl)
		* Data status / considerations and options
5. Discussion of timing of 3 year budgets for evaluation / carryover **15 min**
	* + Update on expected budgets for carryover for projects
		+ Issues of procedures for end of year invoices
6. Roadmap discussion / walkthrough (Skumatz & Prahl) **20 min**
	1. Comments; delivery to committee for review
7. Preview on Evaluation Plan Meeting and follow-on steps (Prahl) **10** **min**
8. Other items –
	1. Update on DEEP / NEEP DR Grant?

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

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

**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 onsites)
* 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, onsites, 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 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

September interim votes and interim committee meetings – MAY NOT BE COMPLETE

* 9/6 R1617 DHP UI PO issued
* 9/7 R1617 DHP Working Group Meeting #1
* 9/12 R113 project presentation (before regular committee meeting)
* 9/16 C1641 workplan walkthrough
* 9/19 One pager C1663 call / discussion; e-vote opened
* 9/22 EM&V 2.0 meeting / NEEP attended by some (new) team members
* 9/26 R1617 DHP Working Group Meeting #2

October interim votes and interim committee meetings

* 10/11 R1617 DHP Working Group Meeting #3
* 9/30-10/14 C1663: C&I (non- SBEA) Process Eval. One pager Approved - 3 votes in favor - $700K budget, with no add-ons. (O'Connor 9/30, Gorthala 9/30; Dornbos 10/14).

November interim votes and interim committee meetings NOT UPDATED /NOT FINAL

* 11/2 R1617 DHP Working Group Meeting #4
* 11/4 SERA Team July / Aug invoice approved 3 votes (Melley, O’Connor, Gorthala 11/4)