



## EEB Evaluation Committee Monthly Meeting - MINUTES

Monday July 9, 2018 – 10:00-10:30

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/XXX>

**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 (1<sup>st</sup> caller) 8296#  
[www.join.me/SkumatzEconomics](http://www.join.me/SkumatzEconomics))

**ATTENDEES:** O'Connor (OCC)\*, Melley (DEEP), Wells (DEEP), McLean-Sall (Acadia), Ingram (Eversource), Oswald (UI), Reed (Tech Consultants), Chiodo, Prah, Jacobson, Wirtshafter, Skumatz (EA Team)

1. Public Comment - None
2. Approval of Minutes from previous meetings – Deferred to E-vote
3. Non-Project Updates and Issues – Skumatz read / reviewed items from bottom of Agenda
  - a. Review Interim progress / highlights;
    - Interim e-votes and meetings (see bottom of agenda)
    - Upcoming kickoff and data meetings
    - Status of Data requests and deliverables – Timeline report
  - b. SERA team invoices – June invoice presented – Deferred to E-Vote
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. Beyond Gantt comments...
    - Chiodo - C1630 Project in final stages of being closed out. C1634 – ECB Impact 2017/18; in process of kickoff meeting prep. One element of study depended on baseline study that did not get funded. Reviewing limited scope options within this study and reviewing CT and nearby states for results / prioritization and what's especially moving ahead of code (e.g. lighting/LED, HVAC, boilers). Question about budget / options being reviewed for no budget change (revise project scope) or with added budget. Specifics coming forward in August meeting.
    - Jacobson – C1641 BES Prime Impact Evaluation report out for review by committee. C1644 using data from 1635. C1635 is prioritizing first round of studies for metering and data – weather-dependent and schools or others with uneven operating schedules. Upstream lighting program in transition, leading to internal discussions about best timing for sample; more detail in next meeting.
    - Skumatz – 1613 report circulated and numbers changed; confirming whether explanations are sufficient; 1616 RASS and 1616 Single Family Lighting site visits

done / data cleaning; 1617 baseline memo revised and firm doing modeling; 1702 Codes & Standards presentation in July; 1707 NTG RNC draft received and being reviewed by EA Team and should be to committee soon; 1709 NEI report next steps being discussed with contractor; 1603 HES impact has an outstanding data request; 1705 MF 2/3 of way done with site visits and expect to start data cleaning end of month.

5. Other items –

- a. Update on DEEP / NEEP M&V 2.0 Grant or other projects – Melley says webinar held with NEEP/ LBL and has slides she will be happy to send. Selected sample / pilots, tracking data, and developing definitions of “traditional M&V”. No results to report yet.

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

- Updated Gantt Chart & Project Status Summary & timeline report
- E-votes / call notes (attached)
- Minutes from previous meeting
- SERA Invoice

**Summary of 2017-18 Votes To Date –**

**Minutes & Invoices Approvals -**

2017	Minutes for the month	SERA Invoice
June 2018		•
May 2018	AWAITING: (O'Connor Abstained 6/18; Gorthala in favor 6/18; Melley in favor 6/26)	• PASSED – (O'Connor 6/18; Gorthala 6/18; Melley 6/26)
April 2018	PASSED – (O'Connor 5/17, Melley 5/22, Dornbos 5/31)	• PASSED – (O'Connor 5/17, Melley 5/22, Dornbos 5/31)
Mar 2018	PASSED – (O'Connor 5/17, Melley 5/22 with edit to add her attendance, Dornbos 5/31 abstain)	• PASSED – (O'Connor 5/17, Melley 5/22, Dornbos 5/31)
Feb 2018	PASSED – (O'Connor 3/14, Gorthala abstains 3/14; Melley 3/21, Dornbos 4/6)	• PASSED – (O'Connor, Gorthala 3/14; Melley 3/21, Dornbos 4/6)
Jan 2018	PASSED – (O'Connor, Gorthala 3/14; Melley 3/21, Dornbos 4/6)	• PASSED – (O'Connor, Gorthala 3/14; Melley 3/21, Dornbos 4/6)
Dec	December minutes –PASSED – (O'Connor and Dornbos 1/9; Gorthala Abstained not present 1/9, Deep approved to approve in 1/17/18 email with question / question answered).	<ul style="list-style-type: none"> <li>• Invoice thru 12/13 - PASSED EVOTE / Distrib 12/13; In favor Dornbos, Gorthala, O'Connor 12/14.</li> <li>• Est invoice thru EOM – PASSED EVOTE (Distrib 12/21; In favor O'Connor and Gorthala 12/21; In favor Dornbos 12/22.</li> </ul>
Nov	PASSED vote during meeting 12/11/17 (O'Connor / Melley / Gorthala)	PASSED vote during meeting 12/11/17 (O'Connor / Melley / Gorthala)
Oct	PASSED e-vote Melley (11/8), Dornbos (11/14), O'Connor (11/14, reiterating vote during meeting)	PASSED e-vote for Aug-Oct Invoices – Dornbos, O'Connor, Gorthala, Melley (11/14).
Sept	PASSED e-vote Melley, Dornbos, O'Connor 10/13; Gorthala 10/14.	See above
Aug	PASSED-e-vote O'Connor, Gorthala 9/11; Melley 9/12; Dornbos 9/19.	See above
July	PASSED-e-vote O'Connor, Gorthala 9/11; Melley 9/12; Dornbos 9/19.	PASSED e-vote O'Connor, Melley, Gorthala 9/13; Dornbos 9/19.
June	PASSED-e-vote O'Connor, Dornbos, Gorthala passed 7/10/17; Melley abstains (minutes too long, not always accurate)	PASSED-e-vote O'Connor, Dornbos, Gorthala passed 7/10/17
May	PASSED-in meeting O'Connor, Gorthala, Melley (6/12/17)	PASSED-in meeting Gorthala, O'Connor, Melley (6/12/17)
April	PASSED-Evote O'Connor, Gorthala (5/31/17); re-sent 6/9; in favor Dornbos, Melley (6/12/17)	PASSED-Evote O'Connor, Gorthala (5/31/17); re-sent 6/9; in favor Dornbos, Melley (6/12/17)
March	PASSED-Evote O'Connor, Dornbos, Melley, Gorthala 4/13/17	PASSED-Evote O'Connor, Dornbos, Melley, Gorthala 4/13/17
February	PASSED-Evote O'Connor, Melley, Gorthala 3/9/17	PASSED- Evote O'Connor, Melley, Gorthala (3/9/17)
January	E-vote O'Connor 2/6, Gorthala 2/6; re-sent out for third vote 7/10/17	PASSED- Evote O'Connor, Melley, Gorthala (3/9/17)

**Other Votes / Meetings / Tracking**

**June 2018**

- 6/28;7/5 – R1702 Codes and Standards Finalized report issued
- 6/6 – Kickoff C1644

#### May 2018

- 5/10 – R1702 Codes and Standards Draft report for committee review

#### April 2018

- 4/2 – Presentation C1639 SBEA
- 4/10 – Data Call C1634 Request #1
- 4/23 – HES & IE Impact Data and program discussion

#### March 2018

- 3/20 – HES & IE Impact Kickoff
- 3/21 – Kickoff for SF and MF On-site Studies (R1616, R1705)

#### February 2018

- 2/6/18 – EA Team memo on viable project / oversight combinations
- 2/15 – Data Request #1 call C1635
- 2/27 – DHG Working Group meeting R1617

#### January 2018

- 1/25/18 – Review draft C1630 distributed
- 1/19/18 - EA Team Sent note to contractors on project status
- 1/17/18 – PASSED – Add \$70K to budget for R1641 (discussion & memo in eval committee meeting). Votes via email: O'Connor 1/8/18; Dornbos 1/9/18; Melley 1/17/18; Gorthala abstain 1/9/18 (not at meeting).
- 1/9/18 – one pager for EEB Board summarizing Eval Rec'm for sweep prepared; delivered / discussed with EEB by Skumatz.
- 1/9/18 – Motion / Memo on Sweep Passed. EA Team memo on Eval Rec'm for sweep – Projects and EA team budget recommendation – BOTH PASSED by committee (O'Connor, Dornbos, Gorthala with clarifications, 1/9);
- 1/4/18 – Review draft R1613/14 distributed

#### December 2017

- 12/1 - HES Process and Impact Data meeting
- 12/6 – Data Call R1707
- 12/11 - Memo (during meeting) reconfirming data cost allocations to projects (for utility notice), funds to draw temporarily from evaluation, authority for contractors to spend and re-submit invoices to utilities.
- 12/11 - Call between Skumatz /Swift on Sweep calculations / clarification of carryover treatments, etc.
- 12/11 – Vote in committee to augment budget of C1641 by \$70K
- 12/12 - VOTE APPROVE sweep approach - O'Connor sent EA team budget sweep revised memo from 12/11 meeting to committee; in FAVOR of general recommendations / approach: O'Connor (12/12), Dornbos (12/13), Gorthala (12/13) with conditions (O'Connor - try to work with DEEP on 1663; Dornbos – approve overall compromise effort / approach with clarifications; Gorthala – agree with Dornbos / address DEEP issues); DEEP abstains but raises issues / questions.
- 12/13 – Skumatz responded to DEEP question.
- 12/13 - EEB meeting on Sweep – Skumatz attended via phone.

- 12/13 - Skumatz attended Residential committee meeting to monitor regarding evaluation / sweep
- 12/12 - Skumatz and Chiodo(?) attended Commercial Committee meeting to monitor regarding evaluation / sweep
- 12/19 – Call with utilities to understand / discuss elements of budget sweep (Skumatz and others)
- 12/20 - R1602 RNC report presentation

#### November 2017

- 11/2 – Kickoff NEI project (R1709)
- 11/13-DR pilots programs info (R&C)
- 11/14 – PASSED October minutes
- 11/14 – PASSED SERA invoice Aug-Oct
- 11/28 – Impromptu data call R1707/RNCNTG

#### October 2017

- 10/2 - Data Processes meeting
- 10/4 – Data call – R1707 (RNCNTG)
- 10/5 – Data call – R1706, R1616, R1705 (RASS, Lighting, MF)
- 10/5 – Kickoff R1702 (codes and standards)
- 10/13 – Evotes requested on minutes (passed; see table above)
- 10/13 –PASSED - C1630 budget increase of \$5K (evote #2); In favor O’Connor 10/13, Dornbos 10/13; Melley no answer in 10/13 email; Gorthala abstain 10/14; Gorthala in favor 10/30.
- 10/16 – Data meeting NEI project (R1709)
- 10/20 – UI contracts approval process update meeting
- 10/30 – R1704 HES Programs update discussion

#### September 2017

- 9/5 – Discussion of UDRH
- 9/5 – Data request discussion 1706/1616/1705
  - 9/21 - R1615 LED NTG Project Presentation
  - 9/22 - R1706 RASS Kickoff
  - 9/28 - R1707 RNC NTG Kickoff
  - 9/29 - R1606 Behavior Retention Project Presentation

#### August 2017

- 8/1 – Meeting on recommendations for PSD revisions to Residential HVAC measures – boilers, furnaces, HPWH, circulating pumps
- 8/9 – presentation to EEB on data costs issue
- 8/11- Data cost call
- 8/24-Data request meeting 1630
- 8/25-Data cost call

#### July 2017

- EEB full board vote on Data memo passed
- 7/31 – Meeting on recommendations for PSD revisions to Steam Trap equation
- 7/23 – Meeting on recommendations from 1602 on UDRH

June 2017

- Approved / Passed – Memo Summarizing Mini-RFP Results (in favor O'Connor, Dornbos, Gorthala, 6/5/17)
- Approved / Passed – 2 parts / both approved: Approving Memo identifying extra costs to evaluation projects because of data issues from utilities and identifying the assessment to each utility and recommending addition to each of the project budgets, with the money to be pulled out of funds that are not evaluation funds. (in favor O'Connor, Dornbos, Gorthala. 6/22/17)

May /June 2017

- None additional.

April 2017

- Interim Meeting -1617 DHP Working Group – 4/10/17

March 2017

- None additional

February 2017

- Approved/passed Evaluation Plan Update (votes in favor 2/8/17: O'Connor, Dornbos, Gorthala)

January 2017 Interim votes and interim committee meetings – not final

- Votes in favor of evaluation plan (in favor O'Connor & Gorthala 1/9/17; Dornbos 1/12 – passed). 1/24 DEEP votes against.
- December 2016 minutes passed (In favor 1/9 O'Connor, Melley, Gorthala, Dornbos).