

Cost Effectiveness and Evaluation Advisory Committee Meeting



DATE: August 1, 2018
TIME: 1:00 pm – 4:30 pm
LOCATION: NEEA's Office - 421 SW 6th Ave. #600, Portland, OR 97204
REMOTE OPTION: Webinar: <http://neea.adobeconnect.com/ceacaug2018/>
 Teleconference: 1-877-890-9502, Participant Code: 7702378329

MEETING GOALS:

- Identify opportunity(ies) for improvement in communicating CEAC relevant material
- Review and answer committee questions regarding updates to cost effectiveness and evaluation related work

AGENDA:

TIME	TOPIC	PRESENTER(S)	PACKET PG #
1:00pm (15 min)	Welcome/Agenda Review	Jonathan Belais, NEEA Staff	
1:15 (60 min)	CEAC Cadence and Content <ul style="list-style-type: none"> • Committee conversation on what content belongs in quarterly CEAC meetings and what is or should be covered in a different format or venue? • Goal: Get committee direction for delivering CEAC related content. 	Jonathan Belais, NEEA Staff	4
2:15 (10min)	Break		
2:25 (45 min)	Retail Product Portfolio (RPP) Evaluation Plan <ul style="list-style-type: none"> • NEEA staff to present and answer questions on the current evaluation and methodology status of RPP and plans for 2018. • Goal: Inform committee members and answer any questions. 	Dulane Moran, NEEA Staff	5
3:10 (30 min)	Review of Key Assumption Updates <ul style="list-style-type: none"> • Updates to Next Step Homes, Super-Efficient Dryers, and Multifamily Codes • Goal: Review the latest key assumption updates and answer any questions on topics contained within this quarter's newsletter. 	Greg Kaleka, NEEA Staff	Link
3:40 (45 min)	Retail Lighting Market Questions <ul style="list-style-type: none"> • Presentation of 2017 data analysis for the retail lighting market, recommended adjustments under consideration, potential impacts to savings and the stakeholder engagement process NEEA is going through to resolve the issue. • Goal: Committee provides feedback and recommendations on how to apply any changes to our future funder savings reporting. 	Ryan Brown, NEEA Staff and TBD, Cadeo	
4:25 (5 min)	Wrap up and Feedback	Jonathan Belais, NEEA Staff	

Memorandum – *Agenda item (Tier 1)*

Aug 1, 2018

TO: Cost Effectiveness and Evaluation Advisory Committee (CEAC)

FROM: Jonathan Belais, Stakeholder Relations Specialist, NEEA

SUBJECT: Meeting Packet, Informational Updates, Additional Details

MEETING PACKET APPROACH

This packet continues the “tiered” approach:

- Tier-1 memos for active agenda items;
- Tier-2 memos for informational updates on items not currently requiring agenda time;
- Tier-3 materials provided as additional detail for those interested, accessible via links in the Tier-1 and Tier-2 memos.

This approach helps keep packets concise and digestible. Input appreciated on room for improvement.

INFORMATIONAL UPDATES

- Guidelines for Updating Code Savings Rates – pg 6
- Draft Revised CEAC Charter – pg 7
- Upcoming conferences and events – pg 8
- [2018 Q3 NEEA MRE Newsletter](#)
- [2018 Q3 Key Assumptions Updates](#)

ADDITIONAL DETAILS (Tier 3)

Tier-3 materials related to the agenda items and informational updates listed above will be accessible through links in those memos. Additional Tier-3 details are available here:

- April 24, 2018 [CEAC](#) slides

Memorandum – *Agenda item (Tier 1)*

August 1, 2018

TO: Cost-effectiveness and Evaluation Advisory Committee (CEAC)

FROM: Jonathan Belais, Stakeholder Relations Specialist, NEEA

SUBJECT: CEAC Cadence and Content

Context

Over the last year, CEAC members have participated in multiple discussions about priorities and best practices for CEAC, most recently as part of a reexamination of the CEAC Charter. In considering how to best use this committee's time, NEEA staff would like to lead a facilitated discussion with committee members about CEAC related content that may best be communicated to CEAC members outside of the quarterly meetings. While some content is clearly best addressed within the existing meeting cycle, other updates may be better suited for in-depth discussion during single topic webinars or another existing forum.

Request for the Q3 Meeting

In preparation for our upcoming meeting, please consider:

1. In what other venues do you participate in discussions or review material similar to that of CEAC (ie Northwest research Group, RTF Subcommittees, etc)?
2. What concerns might arise from leveraging these forums for sharing and discussing content that might otherwise be discussed during CEAC?
3. What type of CEAC material might be better suited for single subject ad hoc webinars?
4. What material is important to keep as part of CEAC's quarterly meeting agendas?

If you have any questions or concerns prior to the meeting, please contact Jonathan Belais (ibelais@neea.org)

Memorandum – Agenda item (Tier 1)

July 17, 2018

TO: Cost Effectiveness & Evaluation Advisory Committee (CAC)

FROM: Dulane Moran, Market Research and Evaluation

SUBJECT: Market Research and Evaluation Update

Reflecting the cyclical nature of much of the research and evaluation work NEEA conducts, the MRE team has numerous projects in finalization and reporting stage. You can read updates on MRE's latest projects in the MRE newsletter here:

<https://conduitnw.org/Pages/File.aspx?rid=4543>

Retail Product Portfolio (RPP) Evaluation Research Scope

NEEA's RPP Initiative provides mid-stream incentives to retailers who agree to certain requirements of a larger, national program effort coordinated through ENERGY STAR (ESRPP). RPP incentives provide a mechanism to influence retail assortment and product promotion, and obtain access to sales data. Together, these activities are expected to support future ENERGY STAR specifications, guide revisions to Federal standards, inform test procedures, and eventually affect product manufacturing.

A Market Test Assessment completed in 2017 confirmed that ESRPP was on track in achieving short-term outcomes associated with scale, retailer participation, and national program structure. With this confirmation NEEA's RPP Initiative shifted towards a product-by-product level review that prioritized near term activities supported by add-on analyses of RPP sales data. In 2018 the program refined its product-by-product level strategy development. The subsequent evaluation scope for RPP is focused on critiquing the information, analyses, and strategic targets the program has established for each of the products currently in the portfolio.

The scope of activities envisioned for RPP is somewhat different from NEEA's typical MPER approach. Join us for a review and discussion of the research planned for 2018, how NEEA is using the sales data to guide product strategy, and the planning and evaluation challenges inherent in a portfolio approach.

In 2018, NEEA is offering incentives on seven products over five retailers. Efficiency tiers are set for each product and are typically more efficient than the base ENERGY STAR certification level.

NEEA RPP Participation in Product Category					
Product	Best Buy	Home Depot	Sears/Kmart	Nationwide	Lowe's
Soundbar	✓		✓	✓	
UHD TV*					
Air cleaner	✓	✓	✓		✓
Freezer	✓	✓	✓	✓	✓
Room AC	✓	✓	✓	✓	✓
Refrigerator	✓	✓	✓	✓	✓
Clothes washer	✓	✓	✓	✓	✓
Electric dryer**	✓	✓	✓	✓	✓

*Ultra-high definition TVs are part of RPP in 2018 but incentives are not being provided. RPP activities associated with UHD TVs are associated with engagement on the ENERGY STAR specification process.

**Electric dryers are currently included in a separate Super-Efficient Dryers initiative, however a review of the data collected via RPP and the product strategy documentation is expected via this scope

Memorandum – *Informational (Tier 2)*

July 9, 2018

TO: Cost-effectiveness and Evaluation Advisory Committee (CEAC)

FROM: Christina Steinhoff, NEEA Planning Analyst

SUBJECT: Guidelines for Updating Residential Code Savings Rates

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This memo presents guidelines NEEA has for updating code savings rates. NEEA would like the Committee to be informed as well as provide feedback about these guidelines. NEEA's approach will affect the variability of its savings reports for most funders.

Background

Historically, NEEA would contract Ecotope to estimate a savings rate after each code change. Ecotope used and still uses SEEM (Simplified Energy and Enthalpy Model). SEEM is the same tool the Regional Technical Forum and other regional stakeholders use for modeling prototype homes to estimate savings rates for single-family and multifamily homes. NEEA has been fixing the savings rate Ecotope provides and multiplying it by an estimate of code-compliant homes to report regional savings.

New Guidelines

Over the past few years, NEEA has been working with Ecotope to build a tool that tracks and forecasts savings rates for multiple code cycles at a time. This approach allows the code changes to build upon each other so NEEA can track the incremental code changes starting in 2006. The analysis for one code change could involve thousands of SEEM simulations. Many assumptions, including building practices, go into these calculations, which is why the outputs could change with each update. With the new tool, NEEA would like to take advantage of being able to update the historical analysis while not creating too much variation in the savings estimates.

As a result, NEEA drafted the following guidelines to update code savings rates.

1. Conditions under which NEEA would update a savings rate for a historical code change

- 1.1. If a state adopts a new code, NEEA would update the prior code cycles going as far back 2006 only if:
 - 1.1.1.1. NEEA acquires new information about the market (e.g. building practices, changes in fuel mix, etc.) that significantly changes the model.
 - 1.1.1.2. Ecotope makes a significant improvement to the model (e.g. NEEA is currently reviewing how to separate HVAC and water-heating fuel-source assumptions).
- 1.1.2. If new information becomes available, NEEA would update the prior code cycles going as far back 2006 only if:
 - 1.1.2.1. The information is significantly better than the information NEEA had and the change has a significant impact on the results

2. NEEA will inform the Cost Effectiveness Advisory Committee of any updates

Memorandum – *Informational (Tier 2)*

August 1, 2018

TO: Cost-effectiveness and Evaluation Advisory Committee (CEAC)

FROM: Jonathan Belais, Stakeholder Relations Specialist, NEEA

SUBJECT: CEAC Charter Revision Update

Context

During our last meeting, we discussed the current CEAC charter and solicited feedback from committee members about possible revisions to the charter. Additional written feedback was received following the meeting. NEEA staff incorporated this feedback into a draft revision of the CEAC Charter that is now pending review by NEEA directors and the NEEA Board of Directors Governance Committee.

Update

As it currently stands, the majority of the revisions serve either to clarify an existing role or align formatting and language with NEEA's other advisory committee charters.

While originally scheduled for review during Q3 of 2018, NEEA Business Planning has been a priority and packed agendas have postponed this review until their next meeting. The [current version](#) as well as the [draft revision](#) can be found on CEAC's conduit page.

If you have any questions or would like to submit additional comments for consideration, please contact Jonathan Belais (jbelais@neea.org).

Memorandum – *Informational (Tier 2)*

July 18, 2018

TO: Cost-effectiveness and Evaluation Advisory Committee (CEAC)

FROM: Jonathan Belais, Stakeholder Relations Specialist, NEEA Staff

SUBJECT: Conference Coordination

Overview:

In response to a NEEA Board discussion last year about conference/event attendance, NEEA developed a (1) Tracking system to improve its management of who's going to what, and (2) Criteria that improves NEEA's ability to manage to its annual operations plan and budget.

There is a coordination opportunity here to ensure that we're connecting as appropriate in advance and sharing out key relevant takeaways afterwards with the region. This will be a standing housekeeping item for this Advisory Committee moving forward.

Our Ask of You:

Please review the Upcoming Event agenda(s) linked below and email me (jbelais@neea.org) if you'd like to coordinate with NEEA staff in advance of the event, and/or if there are specific topics/breakouts you'd like to hear about at our next CEAC meeting.

Upcoming Events:

Date	Conference	Report
8/8/2018	IES Annual Conference	Conduit Posting
8/12/2018	2018 ACEEE Summer Study on Energy Efficiency in Buildings	Brown Bag (Internal)
9/5/2018	Energy Star Partner Meeting	Conduit Posting
9/18/2018	CEE Industry Partners Meeting	Call Report (Internal)