

Cost Effectiveness and Evaluation Advisory Committee Meeting



DATE: Aug 23, 2017
TIME: 10:00am – 3:00pm (Pacific Time)
LOCATION: NEEA
Webinar: <http://neea.adobeconnect.com/ceacaug2017/>
Teleconference: 1-866-398-2885, **Participant Code:** 520479

AGENDA:

TIME	TOPIC	PRESENTER(S)	PACKET PG #
10:00 (15 min)	Welcome/Agenda Review	Jonathan Belais, NEEA	1
10:15 (50 min)	Calculating Capacity Savings: NEEA staff will provide an overview of the methodology used for calculating the capacity savings of NEEA’s work. Objective: Inform and answer committee questions on calculating the capacity benefit metric.	David Clement, NEEA	3
11:05 (10 min)	Break		
11:15 (60 min)	Using NEEA’s Market Intelligence: NEEA staff will: <ul style="list-style-type: none"> • NEEA staff will present a recent example of how NEEA’s Market Intelligence is being used, • The committee will share some tough questions their organizations might want answered. Objective: Provide committee with tangible examples of how to use NEEA’s Market Intelligence and brainstorm possibilities.	Harvey Mathews, NEEA	4
12:15 (45 min)	Lunch		
1:00 (45 min)	Market Research and Evaluation Update: NEEA staff will: <ul style="list-style-type: none"> • Update the committee MRE activities • Take requests for future deep dives • Update the committee on CBSA progress Objective: Update committee on MRE activities and identify topics for future CEAC meeting agendas.	Dulane Moran, NEEA	5

TIME	TOPIC	PRESENTER(S)	PACKET PG #
1:45 (5 min)	Break		
1:50 (60 min)	<p>Emerging Technology Update: NEEA staff will update the committee on news from NEEA’s emerging technology work including:</p> <ul style="list-style-type: none"> • What’s new in the NEEA portfolio? • A peek under the hood of RETAC 2.0 and the new regional emerging technology database. <p>Objective: Update and answer questions on new developments in the regional emerging technology work.</p>	Mark Rehley, NEEA	6
2:50pm (10 min)	Wrap Up	Jonathan Belais	

Memorandum – *Agenda item (Tier 1)*



Aug 3, 2017

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

FROM: David Clement, NEEA, Senior Economist

SUBJECT: Valuing Capacity Savings from Energy Efficiency

Ask of you:

We are interested in any input the Committee may have regarding capacity savings estimation, valuing capacity, and potential future improvements.

Background

For many years, the Pacific Northwest was focused on the energy value of energy efficiency. The region's hydroelectric system provided substantial generation capacity, mostly limited only by the amount of available water, or energy. However, growth in wind generation requiring capacity for integration and increasing limitations on power generation on the Columbia River System have led to greater interest in capacity. In the Northwest Power & Conservation Council's 7th Power Plan, a specific capacity value for energy efficiency was considered. While capacity created by energy efficiency had been discussed in previous plans, the 7th Plan was the first time it was comprehensively assessed. In keeping with Council methodology, NEEA has been working to measure capacity created by its market transformation programs.

While capacity is not the only value stream provided by energy efficiency, it is significant and its value should be accounted for, as it is in most parts of the country. In the August meeting of the CEAC we will discuss:

- how we resolved modeling issues,
- provide an estimate of capacity savings, produced with ProCost, and
- discuss possible future improvements to the methodology.

Links:

[Slides from CEAC's Q2 2017 Meeting](#) (capacity presentation begins on slide 22)

Memorandum – *Agenda item (Tier 1)*



Aug 23, 2017

TO: Cost Effectiveness Advisory Committee (CEAC)
FROM: Harvey Mathews, NEEA, Senior Manager, Market Intelligence
SUBJECT: Utilizing NEEA’s Market Intelligence Resources

Ask of you:

Come prepared with one question with which your organization is struggling. Start thinking, “Is there a way that additional regional or local data might be able to help provide an answer?”

Context for the Aug 23 meeting:

Building off of the introduction the NEEA Market Intelligence Team at the last CEAC meeting, NEEA staff will be sharing some “hard to reach market” characterization work recently completed for a handful of programs in the region. Hopefully, these concrete examples will spur a thoughtful roundtable conversation about discreet markets you want to engage and data that may enable you to do so more.

This conversation will be followed by a round robin share-out of the tough question(s) currently facing each organization and some thoughts about if and how Market Intelligence might be able to help.

Memorandum – *Agenda item (Tier 1)*



August 4, 2017

TO: Cost Effectiveness & Evaluation Advisory Committee (CAC)
FROM: Dulane Moran, NEEA, Market Research and Evaluation
SUBJECT: Market Research and Evaluation Update

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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. To help keep our stakeholders informed, we developed an MRE newsletter that outlines the projects we are working on, the status of those projects and the project manager associated with each one. You can access the [MRE Newsletter here](#).

Please take a moment to review the content of the newsletter before the CEAC meeting, as you will be asked for input on:

- Suggestions for additional or different information, level of detail, or improvements in the newsletter content as a whole
- Studies that you would like us to dive deeper into as part of future meetings. Which projects would be best for us to present at future CEAC meetings?

Commercial Building Stock Assessment: Planning Status and Next Steps

Supported by two work groups, NEEA staff have been finalizing the study design for the next round of CBSA data collection. The work groups reviewed sample design options and building survey variables in three meetings with successive discussions. Those meetings wrapped up in mid-May. The CBSA study design contractor has provided final recommendations on the approach to sampling and building survey barriers. The plan includes a two-stage sampling approach that uses geographic sampling and on-line mapping/observation tools to create a robust list of known buildings and their features, from which the second stage selection for site inspection will occur.

Next steps include: work group engagement to review the final plan and confirm the scope of the field work RFP (expected to be released by late September); selection of a field work and analysis contractor (by Q4 2017), and initial data collection (by Q2 2018). The entire project is expected to wrap up by the end of 2019.

A customer contact and communications work group will be recruited in Q3 & 4 2017. This work group will have responsibility developing protocols through which sampled buildings will be contacted and coordinate with a single point of contact for each utility.

Final and public documents created to support this project are (and will continue to be) posted on a [CBSA Conduit page](#). For additional information or to be included on an interested parties list, please contact Dulane Moran at NEEA dmoran@neea.org 503-688-5413.

Memorandum – *Agenda item (Tier 1)*



Aug 23, 2017

TO: Cost Effectiveness and Evaluation Advisory Committee (CEAC)

FROM: Mark Rehley, NEEA, Senior Manager, Emerging Technology and Product Management

SUBJECT: Emerging Technology Update

Ask of you:

1. **Review RETAC 2.0 Product and Projects report.** The Regional Emerging Technology Advisory Committee (RETAC) has added product and project data to ConduitNW. This data represents emerging technology research across the region. We are early in the collection and analysis of this data, but we have included early data to share with you.
2. **NEEA’s ET Activities:** Review NEEA’s emerging technology activities and let us know if you have any questions or suggestions. This is the first time the report was created using the data on ConduitNW for the product and project information. The data is a little rough in the formatting, but we are excited to be using the regional database to track and share our emerging technology information.

Links to Materials

Please find the resource mentioned above on the CEAC Conduit Page or directly linked below:

1. [RETAC 2.0 Product and Projects report](#)
2. [NEEA’s Q3 2017 Emerging Technology Report](#)