

Cost Effectiveness and Evaluation Advisory Committee Meeting



DATE: April 19, 2017
TIME: 9:00am – 2:00pm (Pacific Time)
LOCATION: NEEA
Webinar: <http://neea.adobeconnect.com/ceacapr2017/>
Teleconference: 1-877-890-9502, **Participant Code:** 0094737

AGENDA:

TIME	TOPIC	PRESENTER(S)
9:00 (15 min)	Welcome/Agenda Review	Jonathan Belais
9:20 (50 min)	Portfolio Overview: 2016 Metrics and Portfolio Forecast Objective: <ul style="list-style-type: none"> Share the portfolio metrics and forecast based on 2016 final savings estimates Discuss using Peak Capacity values in assessing portfolio value for region 	Stephanie Rider and David Clement
10:10 (30 min)	Feedback on NEEA Annual Reporting Process: Facilitated discussion regarding NEEA’s annual reporting process Objective: Solicit feedback and guidance on the preferred content and format of annual presentations	Stephanie Rider/Jonathan Belais
10:40 (10 min)	BREAK	
10:50 (30 min)	End Use Load Research Update: Status of Northwest research project to meter key electric end uses. Objective: To inform and provide an update on progress	David Clement
11:20 (45 min)	Research and Evaluation Update: Share MRE work status: Planning, In Field and Reporting Objective: Inform and discuss opportunities to coordinate	Corinne McCarthy
12:05 (30 min)	Lunch (provided)	
12:35 (60 min)	Introduction to Market Intelligence: Brief overview of market data available to everyone & examples of market analytics that may be performed	Harvey Mathews

TIME	TOPIC	PRESENTER(S)
Objective: Increased knowledge of shared data assets and best practices for their application		
1:35pm (10 min)	Wrap Up	Stephanie Rider/Jonathan Belais

Memorandum

April 10, 2017

TO: Cost Effectiveness and Evaluation Advisory Committee (CEAC)

FROM: Stephanie Rider, Senior Manager, Market Planning

CC: Susan Hermenet, Director, Emerging Technology, Planning, and Evaluation

SUBJECT: Annual Reporting of 2016 Energy Savings

To Committee Members,

Thank you for your attendance and participation at our March 22, 2017 Cost Effectiveness and Evaluation Advisory Committee meeting. We appreciate your input and we have finalized the 2016 reporting of energy savings as a result.

We will be distributing funder reports over the next few weeks. If you have not received your individual 2016 savings report from NEEA, you should expect to receive it no later than April 12. These reported figures are based off of our final 2016 Reported Electric Energy Savings below. We are pleased to be able to report the following, based on our two reporting methodologies:

Market Transformation Reporting	Total Regional Savings	Co-Created Savings	Net Market Effects
2016 Reported Savings (aMW)	146.7	41.4	33.9

Power Plan Reporting	Total Regional Savings	Remaining Savings
2016 Reported Savings (aMW)	47.1	15.1

The market transformation savings exceeded our planned savings for 2016. Much of this increase is driven by growth in commercial building codes savings and commissioning activities, the Electric Motor Federal Standard that went into effect recently, and gains in the adoption of EnergyStar clothes dryers, Heat Pump Water Heaters, Refrigeration Operator Certification projects and voluntary Residential New Construction code programs derived from NEEA's work in Next Step Homes.

NEEA was also able to report additional savings above the Power Plan baseline through our data collection efforts in Retail Lighting market and non-incented LED sales, as well as the growth in voluntary, above-code programs in the Residential New Construction market.

In 2016, NEEA continued to invest in infrastructure (i.e. training, tools and resources), data and research that do not directly deliver savings, but do support the market's capability to deliver greater efficiency and NEEA's ability to measure and verify savings.

In addition to tracking electric energy savings, NEEA calculates and reports additional value metrics of cost effectiveness and carbon savings for its investment portfolio.

Cost Effectiveness: For 2016, the current estimated levelized cost of our portfolio of investments is 2.9 cents per kWh, below our targeted 3.5 cents per kWh threshold.

Carbon: The avoided carbon emissions for 2016 alone are estimated to be over 553,771 metric tons of avoided carbon on the total regional savings, and approximately 150,000 metric tons of avoided carbon based on the co-created savings for the region. These avoided emissions have a societal value of \$6m based on 2016 Co-Created Savings and a high value of \$24m based upon our Total Regional Savings for 2016.

In the attached appendix you will find the key action items from our March 22nd meeting. The feedback on 2016 savings reporting assumptions have been incorporated into the final figures that NEEA is reporting.

If you have any questions regarding our annual reporting, please do not hesitate to contact us.

We look forward to our upcoming meeting on April 19th, where we will discuss the Portfolio forecast, Annual Reporting feedback, and lead a discussion on Data Access for the region.

Please find the proposed agenda accompanying this memo.

APPENDIX 1 – Cost Effectiveness and Evaluation Advisory Committee Action Items
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APPENDIX 1

Cost Effectiveness and Evaluation Advisory Committee Meeting Notes and Action Items

IN ATTENDANCE	ON THE PHONE
Cory Read, Idaho Power Adam Shick, ETO Rebecca Blanton, PSE	Dan Liska, Snohomish PUD Jennifer Snyder, Washington UTC Larry Blaufus, Clark PUD Nolan Moser, Oregon Public Utility Commission Ryan Finesilver, Avista Tina Jayaweera, NWPCC Tom Lienhard, Avista

TOPIC	WHAT WE HEARD	ACTIONS
Sunsetting Proposal for Food Processors	<ul style="list-style-type: none"> No logged objections 	<ul style="list-style-type: none"> NEEA will proceed with its sunsetting protocol
Feedback on assumptions in 2016 Energy Savings reporting	<ul style="list-style-type: none"> Update local program data with Idaho Power's reporting of tiered ductless heat pump units Add Non Electric Energy Benefit (negative) for HVAC interaction in Reduced Wattage Lamp Replacements 	<ul style="list-style-type: none"> Updates relevant to reporting of 2016 savings have been made and reflected in the funder reports being provided April 2017
NEEA's data and sharing availability	<ul style="list-style-type: none"> Funders would like to know what we have available 	<ul style="list-style-type: none"> Harvey Mathews to present at April 19th CEAC meeting (introduce information on data availability) Reach out to Christina Steinhoff or Harvey with questions

<p>Feedback on reporting for 2017 savings</p>	<ul style="list-style-type: none">• Avista may incentivize passive homes• ETO may have some gas savings information to share regarding Building Operator Certification program• To follow up on savings accounting for heat pump water heaters in new construction market	<ul style="list-style-type: none">• To be considered in 2017 annual savings reporting
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Memorandum



April 10, 2017

TO: Cost Effectiveness Advisory Committee

FROM: Stephanie Rider, Senior Manager, Market Planning and Jonathan Belais, Program Coordinator, Stakeholder Relations

CC: Susan Hermenet, Director, Emerging Technology, Planning & Evaluation

SUBJECT: Review and Discussion of CEAC Reporting Approach

Background

In contrast to past years, in which the CEAC was engaged in one all-day session to discuss the annual report, this year, NEEA staff has delivered this information over the course of three separate meetings. In Q4 of 2016, NEEA staff provided and reported on the key data sources to be used for its savings models for 2016 reporting purposes. During Q1 of 2017, NEEA hosted brief webinars on the savings and cost effectiveness methodologies used in reporting at NEEA. These were followed by an overview of the actual data inputs used in calculating alliance savings. During the Q2 2017 convening of the CEAC, NEEA will give a brief overview of final savings results, which were provided to funders individually over the course of the past few weeks.

As this is a new approach to structuring NEEA reporting of savings and CEAC meetings, it is important to NEEA staff that committee members provide feedback and guidance regarding their preferred approach moving forward. As such, during the CEAC meeting on April 19, NEEA staff will guide a short discussion to assess current strengths and weaknesses of the format and solicit additional counsel regarding future reports. Please review the following questions and be ready to discuss during our next CEAC meeting on April 19, 2017.

Discussion Questions

Key Assumptions Packet Documentation

What it is: Comprehensive document at the program level of all of the data inputs and sources used in calculating savings and cost effectiveness

1. What information do you value most in the packet materials? (we should provide a link for reference)
2. What is the most important information for NEEA staff to highlight during the discussion?
3. What level of detail would you prefer to have included in presentation format, as opposed to the written report?
4. What additional changes would you like made to the way in which NEEA reports its Key Assumptions to the committee?

Data Results/Inputs

What it is: Program-level review of the actual data collected, such as technical assumptions, market unit sales, non-energy benefits, savings results

5. What value do you find in the review of the resulting data?
6. What information is critical for you that NEEA staff should continue to highlight or add to its presentation of this information?

Savings Report

7. What value to do find in the presentation of these materials?
8. What material would you like NEEA staff to present during the CEAC meeting?