

ENERGY EFFICIENCY AND SUSTAINABLE ENERGY BOARD

RSA 125-O:5-a

21 South Fruit Street, Suite 10

Concord, N.H. 03301-2429

Minutes for October 19, 2018

Attendees:

Board Members: D. Maurice Kreis (OCA); Karen Cramton (PUC); Becky Ohler (DES); Rep. Robert Backus (House of Representatives); Donald Perrin (DAS); Cindy Carroll (Unitil); Carol Woods (NHEC); Rep. Herbert Richardson (House of Representatives); Scott Maslansky (CDFA); Joseph Doiron (OSI); Katherine Garfield (BIA); Ryan Clouthier (SNHS); Theresa Swanick (NH Municipal Association); Raymond Burke (NH Legal Assistance); Marc Prindiville (State Fire Marshalls Office); Bruce Clendenning (The Nature Conservancy); Michael Behrmann (Revolution Energy).

Others: Tom Fuller (Eversource); Melissa Birchard (CLF); Brian Buckley (OCA); Azanna Wishart (PUC); Chris Skoglund (DES); Stephen Eckberg (PUC); Liz Nixon (PUC); Pat Martin; Clay Mitchell (UNH); Marianne Jackson (Tin Mountain Energy Team); Sue Durling (ECHO Action).

1. Welcome and Introductions

- Don Kreis called the meeting to order at 9:04 a.m.
- Don introduced two new voting members to the EESE Board: Bruce Clendenning of The Nature Conservancy and Marc Prindiville of the State Fire Marshall's Office replacing Jeffrey Cyr, who has retired.

2. Approval of the September 21, 2018 EESE Board Meeting Minutes

- Joe Doiron moved. Bruce Clendenning seconded. Minutes approved with three abstentions.

3. Additional Agenda Items

- Don Kreis reminded the Board that the November and December EESE Board meetings will be combined into one meeting that will be held on Friday, December 7th at the Public Utilities Commission. At the December meeting, the Board will discuss and approve the

Board's annual report. Board members should expect to receive a draft report for review approximately one week before the December meeting.

- Discussion of the election of 2019 EESE Board officers. The Chair is elected by the Board and must be a voting member of the Board. The Vice Chair is elected by the Board and may be a voting or non-voting member. The Board will also need to elect an EERS Committee Chair, and Outreach & Education and Legislative Chairs. Voting for elected positions will occur during the December EESE Board meeting. Don Kreis indicated that Becky Ohler was willing to move up from vice chair to chair in 2019, that Joe Doiron was interested in serving as vice chair in 2019, that he (Don) was willing to serve as chair of the Board's EERS (Energy Efficiency Resource Standard) Committee in 2019, but that others interested in taking up these or other leadership roles in 2019 were warmly invited to volunteer themselves at the December 7 meeting.

4. Briefing from Professor Clay Mitchell of the University of New Hampshire concerning the Combined Heat and Power (CHP) Technical Assistance Partnership (CHP TAP).

- The US Department of Energy (DOE) has funded to CHP TAP to provide the northeast with CHP technical assistance to policy makers and end-users. UNH is working with the University of Maine and the University of Massachusetts Amherst in a five year project that started in 2018.
- Combined Heat and Power (co-generation) is using one system and one fuel to produce both thermal energy and electricity. Generally, the primary generation is thermal and the by-product is the generation of electricity. This program is fuel-neutral (i.e. fossil and renewable fuels). CHP can be scaled from municipal district heating/electricity generation to systems for business and residential use.
- CHP TAP provides support to policy makers through to end users. The program offers free screenings, technical assistance, and site evaluations to determine if CHP is feasible. The program does not support applications other than CHP (i.e. other technologies will not be evaluated if CHP is not feasible; however, CHP TAP can refer the entity to other programs within DOE).
- CHP TAP will focus on ramping up implementation of CHP in New Hampshire and are looking for project profiles. Both UNH and White Mountain College operate CHP systems.
- In the Mid-Atlantic CHP TAP program is focusing on the development of micro-grids that can be used during storm outages.
- CHP TAP has met with Liberty, Unitil, and OSI to discuss the program.
- The State of New Hampshire buildings could consider CHP solutions and can use the services of this program.

5. Legislative Updates

- The end of the first Legislative Service Request (LSR) period ended today. LSRs filed for next legislative session:
 - Relative to site evaluation committee criteria for energy facility siting (Aesthetic Requirements)
 - Establishing a commission to study the establishment of a state department of energy
- A volunteer committee comprised mainly of legislators recently drafted a white paper on achieving 100% renewable energy by 2040. The Board can access the report via email to Don Kreis with a press release and the executive summary.
- SB517 (2018): Electric Vehicle infrastructure study group has met twice. The first meeting was hosted by the staff of Northeast States for Coordinated Air use Management (NESCAUM), an organization that organizes New England on matters dealing with zero emission vehicle mandates. They work to help the states move forward with policies. Becky Ohler agreed to send out the link to their presentation. The second meeting involved receiving input from all of the utilities. Each utility shared the challenges of establishing an EV infrastructure and their respective roles. The next meeting of the study group will be Friday, October 26th in Room 308 at LOB. At this meeting, OSI will be providing an overview of the State Energy Strategy and the Volkswagen Settlement. Georgetown Climate Center, as part of their work, contracted with MGM Bradley to help states through the use of a tool they developed which evaluates gaps in charging infrastructures (e.g., making sure people can travel and have access to adequate charging stations). This tool will help the Committee to develop EV Charging infrastructure recommendations. Please bring any ideas for future presentations to Becky Ohler.

6. EERS Working Group Updates

- EM&V:
 - The group received a final version of the Energy Star products program evaluation. It will be posted to the PUC's website soon. The EM&V Working Group will provide a presentation of the outcomes and recommendations to the EESE Board at the December meeting.
 - The working group has received updated work plans from the evaluation contractors, based on them having the opportunity to understand what type of data the utilities possess. This included both the Home Energy Assistance (HEA) evaluation and Home Performance with Energy Star (HPwES) program evaluations. If anyone is interested in providing comment on either document, contact Brian Buckley.
 - The cross cutting non-energy benefits (NEI) study and EE Market Assessment studies are moving forward.
 - Next month the group will begin work on an RFP for the technical resource manual (TRM) and EE Potential Study.

- NEEP is holding a workshop to discuss EM&V 2.0 in Burlington on November 7th. They will be holding a session on Strategic Energy Management on November 6th. If there is any interest in attending, reach out to Brian Buckley.
- Lost Base Revenue:
 - The working group concluded their meetings and the report was finalized in August.
- Performance Incentive:
 - A continuation of the discussion with RAP on strategic electrification was held after the last month's EESE Board meeting. A representative from Mitsubishi spoke on air source heat pumps. Emily Levin from VEIC spoke on Beneficial Electrification.
- Benefit/Cost:
 - The working group met on September 26th and provided input to the consultant regarding the crosscutting non-energy impact study (NEI).
- Finance & Funding:
 - The working group has no met since the last EESE Board meeting.
- Working groups will not meet again until after January 1, 2019 to allow everyone to focus on the 2019 EERS plan.

7. Board and Program Updates

- PUC:
 - Issued two annual reports on October 1st: The System Benefits Charge report is on the PUC's website. The Renewable Energy Fund (REF) report is on the Sustainable Energy webpage under the Renewable Portfolio Standard (RPS) header. There are two new topics covered in the REF annual report: the number of Renewable Energy Certificates (RECs) settled by class and the statewide average RPS compliance cost on a per kilowatt hour basis.
 - The annual competitive Commercial & Industrial (C&I) grant RFP was released on October 1st seeking projects that will produce Class I, Class I-Thermal or Class IV RECs. The allocation to the RFP is \$1 million with a minimum grant award of \$150,000. Proposals are due by November 1st.
 - All Renewable Energy Rebate programs have funding available with the exception of the C&I solar rebate program which has a small wait list. All programs remain open.
 - Net metering: Staff circulated a draft proposal for the Locational Value of Distributed Generation (LVDG) study. The comment period closed yesterday.
 - Liberty filed a proposal with the commission (Docket DE 18-140) for Approval of a Renewable Natural Gas Supply and Transportation Contract. There is a pre-hearing conference scheduled for November 28th.
 - Liberty's proposed battery storage pilot (Docket DE 17-189) was still in settlement discussions. A hearing date is tentatively set for November.
 - The legislature passed HB1472 which made changes to the administration of the Energy Codes. Staff worked with the Municipal Association to implement the

changes. The PUC will still administer the energy code for approximately 90 municipalities.

- OSI:
 - Working with Don Perrin on improvements to building controls and energy efficiency. The contracts were approved by Fiscal Committee and G&C.
 - School Energy Efficiency Development (SEED) – an email went out to all SAUs informing them of an RFP for a \$100,000 grant for innovative energy efficiency projects. The focus will be on smaller towns. Applications are due Friday the 26th by 4:00 p.m. Email questions to Joe Doiron. Questions and answers will be posted on the OSI website.
- DES:
 - The first RFP for the EPA-funded Diesel Emissions Reduction Act (DERA) State Clean Diesel Program has been released. The program is funded with a combination of federal money and the Volkswagen settlement funds (allowed to use VW funds as non-federal match toward DERA funds, thus qualifying for a 50 percent federal funding bonus. Round one closes today and the next round will open on Monday.
 - In the broader Volkswagen settlement DES and OSI are evaluating what the next solicitation will be. They are considering a focus on school buses and cleaner fuel options.
 - RGGI, Inc. released its annual report and it is available on the RGGI, Inc. website.
 - HB1254 – International Codes Committee; there have been recommendations to add a representative from the House and Senate to the Building Code Review Board (BCRB).
- Other:
 - Ryan Clouthier reported that the Department of Energy performed a program review and monitoring of low income weatherization program (WAP). DOE commented that New Hampshire had one of the best Community Action Programs WAP in the country. DOE will send a finding report to OSI.
 - The Local Energy Solutions conference is scheduled for November 16th.

8. Next Meeting

- The next EESE Board meeting will be held on Friday, December 7th, 9:00 – 11:00 a.m. at the Public Utilities Commission, Hearing Room A.

9. Meeting was adjourned at 10:45 a.m.