

**Energy Efficiency Advisory Group (EEAG)
Notes dated February 13th, 2020**

Present:

Tina Jayaweera-Northwest Power & Conservation Council (on phone)
Wil Gehl-Community. Action Partnership Assoc of ID
Stacey Donohue-Idaho Public Utilities Commission
Diego Rivas-Northwest Energy Coalition
Connie Aschenbrenner-Idaho Power

Don Strickler-Simplot
Ben Otto-Idaho Conservation League
Katie Pegan-Office of Energy & Mineral Resources
Sid Erwin-Idaho Irrigation Pumpers Association
Billie McWinn*-Idaho Power
Haley Falconer-City of Boise

Not Present:

Jim Hall-WaFd
Selena O'Neal-Ada County Operations
Anna Kim-Public Utility Commission of Oregon

Guests and Presenters*:

Quentin Nesbitt*-Idaho Power
Tracey Burtch*-Idaho Power
Shelley Martin-Idaho Power
Pete Pengilly*-Idaho Power
Andrea Simonsen*-Idaho Power
Todd Greenwell-Idaho Power
Chellie Jensen-Idaho Power
Rachelle Farnsworth-IPUC
Jordan Prassinios*-Idaho Power
Madison Olson-Office of Energy & Mineral Resources
Becky Arte-Howell-Idaho Power
Denise Humphreys-Idaho Power
Amanda Richards-Honeywell
Tonja Dyke-Idaho Power

Sheree Willhite-Idaho Power
Theresa Drake-Idaho Power
Chad Severson-Idaho Power
Annie Meyer*-Idaho Power
Krista West-Idaho Power
Zeke VanHooser-Idaho Power
Chris Pollow-Idaho Power
Mindi Shodeen-Idaho Power
Paul Goralski-Idaho Power
Brad Iverson-Long-Idaho Public Utilities Commission
Brittany Nixon-Idaho Power
Randy Thorn-Idaho Power
Allison Williams-Idaho Power
Jared Hansen*-Idaho Power

Note Takers:

Shawn Lovewell (Idaho Power) with Kathy Yi (Idaho Power)

Meeting Facilitator: Rosemary Curtin

Meeting Convened at 9:34 am

Announcements

Pete convened the meeting with housekeeping and safety. He announced that Kent Hanway has resigned from EEAG. Billie will be organizing and leading EEAG meetings and will be reaching out to members individually for one on one meetings. Rosemary had members and guests introduce themselves. There were no comments or questions on the November 2019 or the revised January 2019 meeting notes.

Pete updated the group on the IECC 2018 Building Codes. He showed a copy of the letter that Idaho Power submitted to the Senate Commerce Committee in support of the adoption of the 2018 building codes, including the 2018 International Conservation Code with amendments as recommended by the Idaho Building Code Board. Letters from support came from City of Boise, Association of Idaho Cities, The American Institute of Architects, and others.

9:45 am-Potential Study/Load Forecast/IRP Schedule—Pete Pengilly, Jared Hansen, Jordan Prassinis

Pete explained a potential study and outlined the timeline and process of Integrated Resource Planning (IRP). One member asked if the IRP will be doing an economic screen. Pete explained that the company is working on how to bundle the achievable technical potential.

Jared Hansen showed a video that explained the 2017 IRP. The basic concept of IRP planning is still the same; balancing cost, risk, and environment. The goal of this balancing is to create a portfolio that is in the best interest of customers. The 2019 IRP process utilized an optimized resource expansion model that created several different portfolios. Since this was a new process, the company did further analysis and an amended IRP was submitted. There was some discussion about the 120 MW of solar resource included in the preferred portfolio.

Load Forecast-Jordan Prassinis

Jordan explained the residential end use components and how residential load is forecasted. The commercial and industrial modeling process uses seven linear regression models that are then segmented by customer type. Jordan explained the three different methods that Idaho Power is evaluating for potential use in the next IRP cycle. There were questions regarding the three different models being considered. There was discussion around historical energy efficiency being predictive of future energy efficiency trends and making sure that energy efficiency savings targets are set appropriately for IRP planning. EEAG members recognized the company's efforts in the IRP planning and thanked them for sharing this information.

Pete provided an update on the 2020 potential study timeline, its emphasis on the Utility Cost Test (UCT) and the bundling of energy efficiency. The company will schedule a webinar in March to discuss the results of the potential study. EEAG members expressed appreciation for the effort the company is putting into this change and recognize that it is a lot of work. In preparation for the webinar, one member asked for more information prior to the meeting in order to ensure feedback provided to the company is meaningful.

10:48 am-Break

11:06 am-Preliminary 2019 Savings/Financial Results—Pete Pengilly

Pete provided portfolio energy savings and expenses, savings amounts by sector, demand response results year over year, and cumulative energy efficiency savings. Pete also provided the Idaho and Oregon year-end rider balances. He went on to explain that all numbers are preliminary and are still being audited. Once the company publicly releases its earnings, he will send out more detailed information to EEAG members.

One member commented on the negative rider balance. Connie explained that there have been some large variances from the company's initial forecast when the 2.75% funding level was recommended – largely attributed to Custom Efficiency program projects. The company will and has always pursued all cost-effective energy efficiency regardless of the rider balance but will commit to reevaluating the Rider collection after the impact of transitioning to the UCT is better understood.

Pete provided more detail on what expenditures are included in the “purchased services” category. One member thanked the company for breaking out those expenses and recognized that even though they may not be actual incentives, the customer still benefits from them. Pete highlighted “Other DSM Activities.” These are activities that the company participates in but doesn't count energy savings.

- Lunch & Learn
- IDL Tool Loan Library (900 pieces of equipment available for customer to check out)
- Training sponsorships for Commercial/Industrial customers
- Irrigation & Ag shows
- Residential EE Guides
- Company participation in 45 local community outreach events

One member commented that these activities are very important investments. They help to build relationships and trust with customers. Pete also thanked the EEAG for encouraging and supporting Idaho Power in these efforts.

11:23 am-Commercial/Industrial/Irrigation Programs—Quentin Nesbitt

Quentin provided updates and 2019 results on the commercial, industrial, and irrigation programs. He highlighted the Small Business Direct Install program and provided a status update since its launch in November. He also highlighted a video that was developed in coordination with the Integrated Design Lab and the Idaho Power Teacher extern last summer. During the last few EEAG meetings there had been discussion around the Green Motors measure and with feedback from EEAG members, new informational collateral was developed for participating shops in Idaho Power's service area to help drive participation. One member suggested reaching out to the pump service providers.

Quentin passed around a new brochure that was created for the Wastewater/Water Cohort. He shared a success story that was a direct result of the cohort workshop process.

Quentin updated the group on the Targeting Operational Energy Savings Energy Management incentive. This will be targeting energy management, behavioral changes.

The company is still working with the Regional Technical Forum (RTF) workgroup to evaluate savings for the Irrigation Menu program. Idaho Power worked with the RTF to develop a survey that was recently sent to all Idaho Power irrigation customers. The results of this survey will be evaluated and provided to the RTF.

12:00 pm—Lunch

1:00 pm-Meeting Reconvened

1:05 pm-Residential Program Update—Andrea Simonsen

Andrea highlighted the preliminary year-to-date participation and energy savings for the residential programs. She provided an update on the status of changes made to the smart thermostats measure qualifications in the Heating & Cooling Efficiency program, and the new incentive tiers for the Residential New Construction program, both of which were implemented on January 1st. EEAG showed support for grandfathering new homes that were in the pipeline as of that date at the initial incentive level of \$1500. Andrea provided examples of different measure scenarios that contractors could install to increase their incentive. There were questions about how new building codes could impact this program. Andrea answered that these new building codes go into effect in 2021 and the company will monitor any potential impacts to the program.

Andrea provided an update on the Home Energy Reports. These reports will be expanding to reach a total of 150,000 participants, which includes current pilot participants. She also requested feedback from EEAG regarding nightlights. Currently, the company hasn't been claiming energy savings for these. Andrea provided three different savings assumptions the company is considering. These LED nightlights are great for giveaways at home shows and can be a great way to engage customers on programs and energy efficiency.

Several EEAG members gave examples of how they or their family members currently use nightlights. There were questions and comments about the types of customers to target, how to make sure they are being used in high usage areas, and that this could be a good way to introduce LED usage. One member commented that it isn't clear that the nightlights are LED. Could there be a way to make that connection for people, so they know what they are buying. A survey could be done with customers to get an idea of hours of use and how many of what types of lights they replaced.

2:13 pm- Home Improvement Program—Kathy Yi

Kathy provided a background and historical timeline of the Home Improvement Program. The last full year of this program was in 2016. For the current 2020 analysis, 2016 participation numbers were used. This is an initial analysis using known changes at this moment in time. The company looked at several different scenarios along with numerous measure combinations for determining cost effectiveness; 2017 vs. 2019 DSM Alternate Costs and the different RTF Multifamily and Single-Family Workbook versions. Several caveats to these assumptions were shared and cost-effective outcomes could change based on new information. The company will continue to analyze new information as it becomes available and would like feedback from EEAG.

There was discussion about analyzing a tiered incentive approach which could lead to higher savings and participation, potentially adding low-e storm windows, and exploring assumptions around attic insulation levels. One member would like to see the actual cost effective "pass" ratios for future presentations. One member suggested packaging known cost-effective measures with measures that barely pass. Another member thought it might be worth exploring how the Home Energy Audit could tie together with some of these measures. EEAG members thanked Idaho Power for bringing the analysis to EEAG and soliciting feedback.

2:23 pm -Marketing— Annie Meyer

Annie highlighted marketing tactics the company had done in 2019 and what they will be pursuing in 2020. She played a radio spot that targeted irrigation customers and shared a video highlighting energy efficiency upgrades completed at the Sun Valley Lodge. One member asked if there is a way to correlate sign-ups and incentives to the radio spots. Annie answered that is more difficult to attribute any uptick with radio vs. digital ads. Another member complimented the company on the McCall Shore Lodge article asked if other businesses would be highlighted that would appeal to a different customer demographic. Tracey Burtch answered that upcoming articles would feature the Humane Society and Fresca.

235 pm Wrap/up Discussion

This was a-great year for savings. Congratulations! I appreciated the Home Improvement presentation. It was really done well.

I appreciate everyone's comments and suggestions that help to direct the company's activities.

It was a good meeting. Kathy's presentation was good and as savings for programs start to go down, it will be a challenge for us to find ways to improve programs.

I appreciate everyone understanding that energy efficiency is in a transformative time and looking for ways to think outside of the box.

I really appreciated the IRP presentation. It very helpful for me.

With Kent stepping away it would be good to still have someone else from the architect world on EEAG.

This was a good follow up meeting on stuff that we have talked about at other meetings. I appreciated the IRP presentation and the transparency.

It feels like a full meeting and there was a lot of opportunity for us to provide valuable feedback and input.

I think there was a good balance of information.

The next meeting will be May 6th and look for a webinar in the next couple of months.

2:40 pm Meeting Adjourned