



**Bonneville Power Administration
Evaluation Project Updates
January 2017**

Have an idea? If you have an idea of what you think needs evaluation – please email Lauren at lsmgage@bpa.gov

2016 UES Evaluation Work

Background:

In 2016, BPA began impact evaluation of the Unit Energy Savings (UES) portfolio focused on the largest slices of the UES portfolio— residential lighting, HVAC and envelope measures. An internal team of subject matter experts has supported BPA in the strategy and planning for this evaluation. You can find the 2016 evaluation plan at www.bpa.gov/goto/evaluation.

Residential Lighting Impact Evaluation:

Evaluation has completed a draft report and presentation of the findings. We are now finalizing internal review of the lighting impact evaluation and are planning to present to stakeholders on February 15th.

Weatherization and DHP FAF Impact Billing Analysis:

Evaluation is wrapping up the primary analysis and comparison group development this month. In mid-December, the team provided a summary of stakeholder comments on potential exploratory modeling efforts and a proposed path forward. We plan to begin this exploratory work in the second half of January, which will help us understand if a Phase II outlier analysis will be needed. If this Phase II work is needed, we will notify customers with the 2017 Evaluation Rollout.

Performance HVAC Impact using Program QA/QC:

Huge thanks to the PTCS team and ClearResult for the excellent collaboration on sampling and process with our impact evaluation effort! With their help, the evaluation team plans to begin leveraging QA/QC data in February.

2017 UES Evaluation Work

Background:

BPA is continuing its impact evaluation of the UES portfolio in 2017, focusing on the next set of prioritized measure groups across residential and agricultural sectors. The team identified these measure groups balancing their savings contribution, existing uncertainty, stakeholder needs and strategic opportunities.

Status:

The team has presented the evaluation plan to internal teams for review. We plan to gain additional internal review and then bring to utility customers for review in March. We plan to start data collection in April.





Industrial Energy Management Impact Evaluation

Background:

BPA is conducting an impact evaluation of the Industrial Energy Management program, including two of the High Performance Energy Management cohorts and on Track & Tune facilities. The evaluation team is using regression analysis to estimate energy savings and characterize year-to-year savings trends. The evaluation surveyed participants for SEM adoption and is also developing recommendations for methods to improve program savings estimates and impact evaluation methods for this program.

Status:

Since the last quarterly update, the evaluation team has updated the report and received feedback from internal staff. Final updates to the report and presentation are being made and we are planning to have a stakeholder webinar on February 23rd.

Other Evaluation Activities

Process Evaluation Policies:

BPA is interested in making process evaluations more valuable to programs teams, by making the information more focused, relevant and timely. To aid this vision an internal team of staff developed a set of process evaluation policies, which were shared with the Utility Sounding Board and with some of the Puget Sound area evaluators. The biggest change is the proposal to conduct a web-based survey of utility customers to gain feedback on specific BPA programs and offerings. Based on utility feedback, we are planning to field the survey in January/February of 2018. An internal team is now working on an approach document to outline how process evaluation will be coordinated with programs teams and how the survey will be designed and implemented.

Integrated EM&V:

Internal team is now working an IEM&V strategy for new commercial program ECwV projects.

