

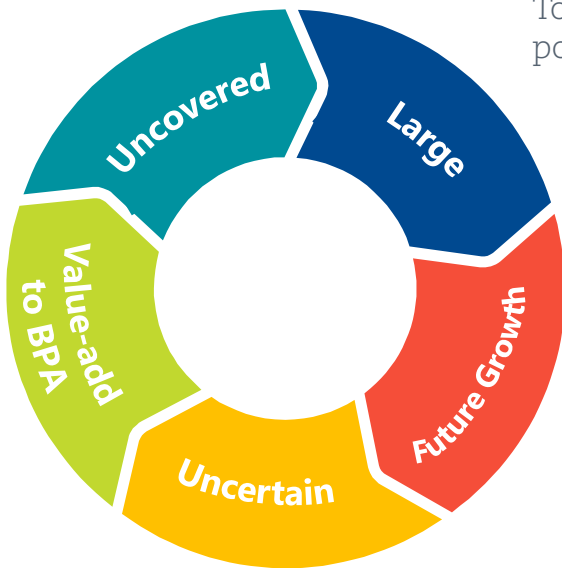
2020-2021 Impact Evaluation Plan



Evaluation Planning Process

- ✓ Assess & understand portfolio
- ✓ Discuss with stakeholders
- ✓ Identify evaluation opportunities
- ✓ Develop evaluation plan

Considerations in Planning



To meet the internal BPA policy goals and focus on largest portfolio impacts, savings should be large

Future areas with increasing savings add insight to BPA and the region

Areas of savings uncertainty benefit from evaluation learnings

Evaluation should support programs, engineering, momentum savings wherever possible

Evaluation should focus on areas that are not covered by previous evaluation or other research activities (e.g., engineering, NEEA, RTF)

2020-2021 Evaluation Areas



Custom and
C/I/Ag Lighting



Strategic Energy
Management



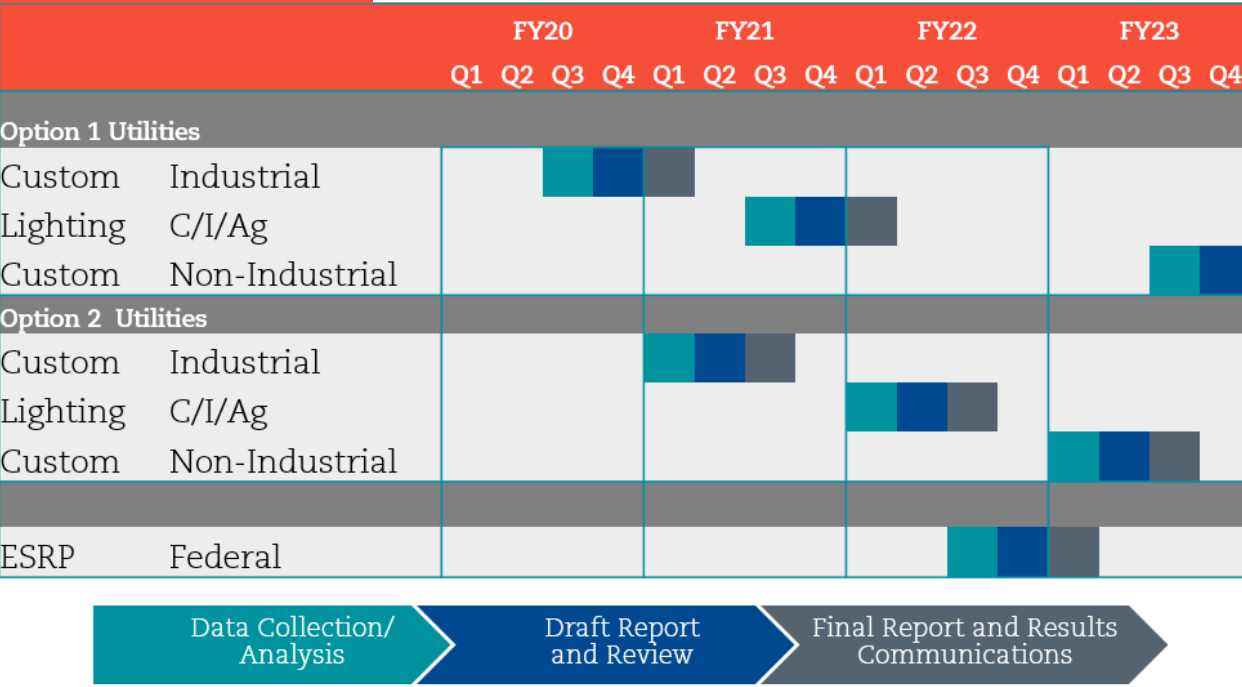
BPAQ
Commercial
HVAC



Custom and C/I/Ag Lighting

Engineering-based evaluation of all custom projects and commercial, industrial, agricultural lighting projects

Last Evaluated
FY12-13



Evaluation
Data
Collection



Project documents



Customer surveys



Site visits



Strategic Energy Management



BPAQ HVAC Commercial

Last Evaluated
FY15



Project documents

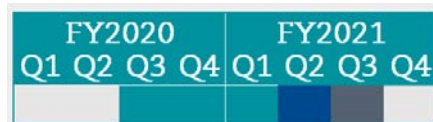


Customer surveys



Site visits

Investigate persistence of SEM changes
Assessment of how capital measures affect SEM savings



Not yet evaluated



Project documents

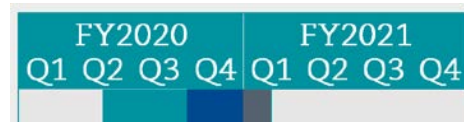


Billing data



Customer surveys

Billing analysis to support BPAQ measure assessment



Utility and End-User Contact Principles



Utilities are notified of projects in evaluation prior to start and provided with clear information on samples, timelines, and requirements.



Utilities have reasonable timeline to collect project and billing data; escalation protocol of timelines missed.



BPA provides minimum of 2 weeks' notice to utilities prior to end-user contact, including phone surveys and site visits.



BPA provides opportunities for utilities to understand the details of the evaluation plan and data request.