

MES 2019 **Cultivating Collaboration** Wisconsin's Process for Continuous Improvement in **Evaluation and Programs** AMALIA HICKS, PH.D.

Unlocking the Key to EM&V

Agenda

Benefits of Working Together Wisconsin's Culture of Collaboration Focus on Energy Overview Stakeholder Potpourri Collaboration Process Specific Examples (Pilots, SEM) Summary and Conclusions

Benefits of Collaboration

Why Work Together?

Continuous Program Improvement

Take Full Advantage of Evaluation

Framework for Innovation

Team Spirit

Cultivating Collaboration in Wisconsin



Focus on Energy Overview

Wisconsin utilities' statewide program for energy efficiency and renewable energy

Partnered with 108 utilities to offer utility customers opportunities to save energy and money

Funded by utility customers (\$100M annual budget), overseen by the Public Service Commission of Wisconsin



Stakeholder Potpourri



Public Service Commission

Utilities

Administrators

Implementers

Evaluators



Collaboration Process



Continuous Engagement

Technical Reference Manual

Evaluation Working Group

Regular Evaluation Updates



Pilot Programs

Evaluation team provides input during stage gating process

Evaluation planning is a collaborative, versatile process tailored to each pilot

• midstream, behavioral, market transformation, new technologies

Close communication with implementers around data collection, timing

• Networked Lighting Controls Pilot



Strategic Energy Management

Worked together to set up regression models in the beginning, address challenges in real time

Implementer looking to innovate and evolve traditional SEM into program that uses lighter touch

Learning together - numerous conversations about how to develop tailored evaluation approach



Summary and Conclusions



Collaboration Summary

Enables continuous program improvement

As programs evolve and become less traditional, need versatility

Strong lines of communication enable innovation

Team Spirit!



Thank You

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