
Memorandum

TO: LIZ NIXON, NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

FROM: ERIN MALONE, TIM WOOLF, DANIELLE GOLDBERG

DATE: MARCH 25, 2019

RE: NEW HAMPSHIRE NSPM REPORT OUTLINE

Introduction

On behalf of the New Hampshire Evaluation, Measurement, and Verification (EM&V) Working Group, Synapse is reviewing issues related to New Hampshire's cost-effectiveness test for energy efficiency programs, in accordance with the framework established in the National Standard Practice Manual (NSPM). Synapse will prepare a report that describes how the key elements of the NSPM could be applied to energy efficiency cost-effectiveness analyses in New Hampshire.

This memo provides our initial thinking on the report outline. As we research New Hampshire's policies and practices and incorporate feedback from New Hampshire stakeholders, we will adjust the report structure to best tell New Hampshire's cost-effectiveness story.

Proposed Outline

1. Executive Summary
2. Introduction
 - The NSPM
 - Synapse's Methodology (BC working group)
3. Current New Hampshire Cost-Effectiveness Practices
 - Overview
 - Goals and Requirements
 - More detail provided in Appendix. Assuming audience will be familiar with current practices.
4. Application of the Resource Value Framework to New Hampshire

- Review relevant policies
- Utility system impacts
- Non-utility system impacts: Participant impacts; Low-Income; Other Fuels; Environmental; Economic development; Public health; Energy Security.
- Symmetry of impacts
- Hard-to quantify impacts
- Forward-looking, long-term, incremental impacts
- Transparency
- Secondary tests

5. Other Inputs and Assumptions

We can address other inputs and assumptions to the extent that the Working Group wants to: Discount rate; Analysis period and end effects; Assessment level; Transparency; Analysis of Early Replacement; Free-Ridership and Spillover

6. Cost-Effectiveness in Related Processes

We can address cost-effectiveness in related process to the extent that the Working Group wants to. These might include: EE Potential study; Energy Optimization; NEB evaluation

7. Summary of Recommendations

8. References

Appendix A: Current Energy Efficiency Screening Practices

- Summary of what is included in DSESP

Appendix B: New Hampshire Policy Goal Matrix

- Detailed tables with each policy indicated

