Roadmap to a Minnesota Codes & Standards Program

CARD Factsheet

Minnesota's Next Generation Energy Act of 2007 (NGEA) sets a goal of achieving 1.5 percent energy savings per year and explicitly calls out energy codes and appliance standards as a strategy.

THIS PROJECT'S GOAL was to develop a specific and actionable roadmap that:

1. Provides the foundation for developing a robust Minnesota Codes and Standards (C&S) Program that will deliver cost-effective contributions towards the 1.5 percent energy-savings goal.
2. Establishes a clear pathway to position Minnesota utility program administrators to participate in and claim savings from future MN C&S Program activities.

SOME FORM OF C&S ACTIVITY IS USED BY ENERGY EFFICIENCY PROGRAMS IN AT LEAST 20 JURISDICTIONS IN NORTH AMERICA.

Existing C&S programs have enabled utility service providers to claim significant energy savings; this study explores similar opportunities for a Minnesota program. A utility C&S Program can encompass several different approaches. We outline a menu of activities that utilities could take: Seven different C&S "subprograms," shown below.

- Building Codes Advancement (State)
- Appliance Standards Advancement (State)
- National Codes and Standards Advancement
- Compliance Improvement
- Local Engagement
- Code Readiness
- Planning and Coordination

THROUGHOUT THE PROJECT WE SOUGHT FEEDBACK AND HELD PUBLIC WEBINARS.

Initial feedback from the MN Department of Commerce, Key Contact Interviews, and a Technical Advisory Group helped to inform the structure of our public stakeholder webinars, which were held to educate interested Minnesota stakeholders and to solicit further feedback. Collectively, this stakeholder engagement and feedback (including perceived benefits, concerns, and barriers) helped to inform our results and recommendations.

WE PROVIDE RECOMMENDATIONS FOR UTILITIES CONSIDERING LAUNCHING A MN C&S PROGRAM OF ANY SIZE.

Turn this sheet over for more details.

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What is the roadmap for utilities who want to implement a MN C&S Program?

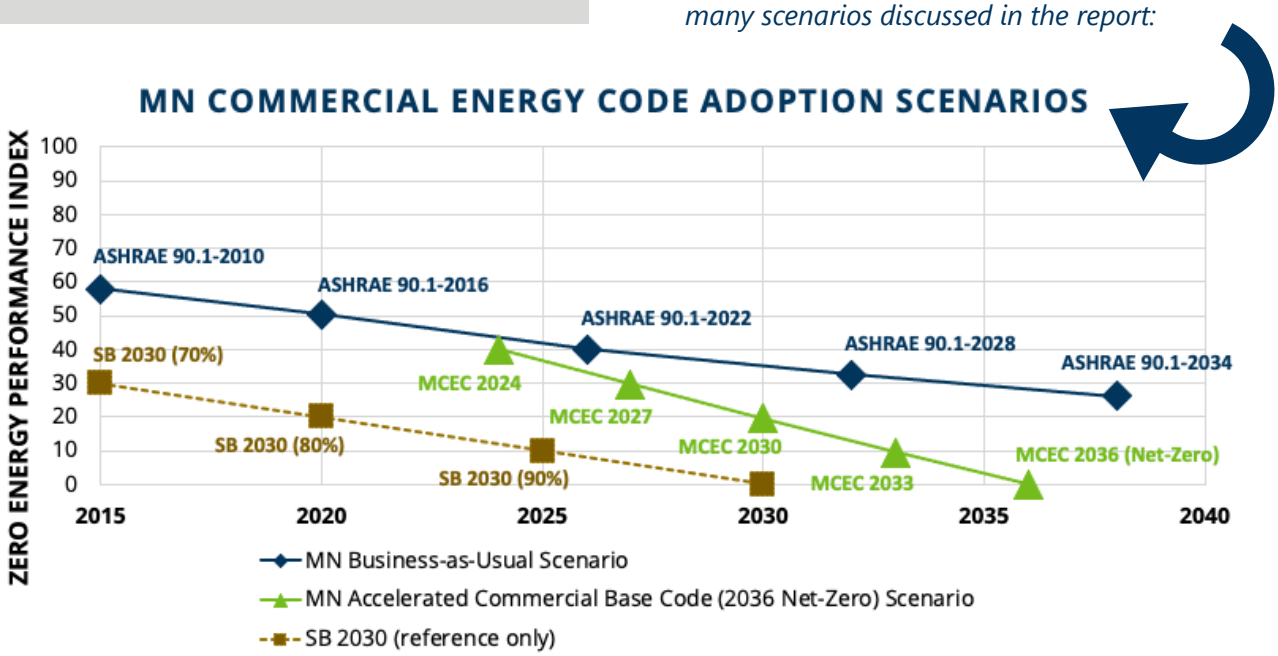
See our final report for all 50+ recommendations that make up the roadmap. Details are given for:

- Program launch and administration activities,
- Program savings methodology and allocation to participating utilities,
- Staffing targets for both the program launch and program growth, and
- Specific recommendations for the seven different C&S "subprogram" activities you see listed on the front of this sheet.

To assist with C&S program planning, we developed an Excel-based Minnesota Codes & Standards Program Scenario Model to estimate costs and savings.

The model is a companion Excel document to the report, allowing users to modify a number of assumptions as inputs for scenario analyses and sensitivity analyses.

Curious about how different energy codes and standards can affect MN energy use? *This is one of many scenarios discussed in the report:*



Project website: https://www.mn-cs-roadmap.org

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