

Thermal Sector Carbon Reduction Potential Study

Introduction to Technical Advisory Group

September 5, 2024

Potential Study Overview

The Potential Study compares the legal obligations of the Global Warming Solutions Act to the emissions reductions that are potentially achievable in Vermont's thermal sector

The core purpose is to determine whether there are sufficient resources available for the Clean Heat Standard to meet thermal sector GHG reduction requirements.

The Potential Study is NOT an implementation plan

NV5 has distilled cost information that can be used as *inputs* for cost estimation, but the Optimized results should NOT be considered a cost of the Clean Heat Standard.

Process Suggestion

- The Legislature tasked the **Commission** to issue a “check-back” report by January 15
 - ... to the extent available, estimates of the impact of the Clean Heat Standard on customers, including impacts to customer rates and fuel bills for participating and nonparticipating customers, net impacts on total spending on energy for thermal sector end uses, fossil fuel reductions, greenhouse gas emission reductions, and, if possible, impacts on economic activity and employment. The modeled impacts shall estimate high-, medium-, and low-price impacts...
- The Commission may find it helpful to conduct a process to solicit comments (and reply comments) on estimated economic impacts of the Clean Heat Standard
- The potential study can and should be a critical input into the check-back report

Thank you

The TAG and other stakeholders have been critical in providing feedback on the methodology and assumptions that form the basis of the report.

Report, available workbooks, and comment responses posted on Public Service Department website:

<https://publicservice.vermont.gov/clean-heat-standard/public-service-department-thermal-sector-carbon-reduction-potential-study>