

Energy Disclosure Impact Report

January 2020 through June 2022

About the Energy Disclosure Program

Energy disclosure builds consumer awareness of energy performance in single-family homes to increase the uptake of energy efficiency improvements. Over 65% of Minneapolis single-family homes have inadequate insulation and 40% have old or inefficient heating equipment, so there are significant opportunities for residents to save energy through cost-effective energy improvements.

Energy disclosure has been part of the City of Minneapolis' Truth in Sale of Housing (TISH) pre-sale inspection since January 2020. Energy disclosure broadens the existing TISH inspection to gather data on key home energy efficiency attributes such as insulation and heating equipment. The results are communicated to home sellers and buyers in an Energy Disclosure Report.

The City of Minneapolis has partnered with Center for Energy and Environment (CEE) and CenterPoint Energy to implement a program to support the goals of energy disclosure. This program impact report summarizes findings from the first 30 months of programming.

Scale of Reach

Energy disclosure reaches thousands of homebuyers each year as part of the required TISH inspection. Energy disclosure also generates valuable data on energy efficiency attributes within Minneapolis' housing stock to inform future efforts.

- Nearly **16,000 homes** have received an Energy Disclosure Report as part of their TISH inspection.
- Summarized results from Energy Disclosure Reports and a link to the full report are available on an interactive map at mncee.org/findyourscore.

Program Budget

- The City of Minneapolis has committed \$50,000 annually
- CenterPoint Energy has committed \$60,000 in 2020, \$40,000 in 2021, and \$15,000 in 2022



The goals of energy disclosure are to:



Create a more informed market



Reward homeowners who have completed energy improvements

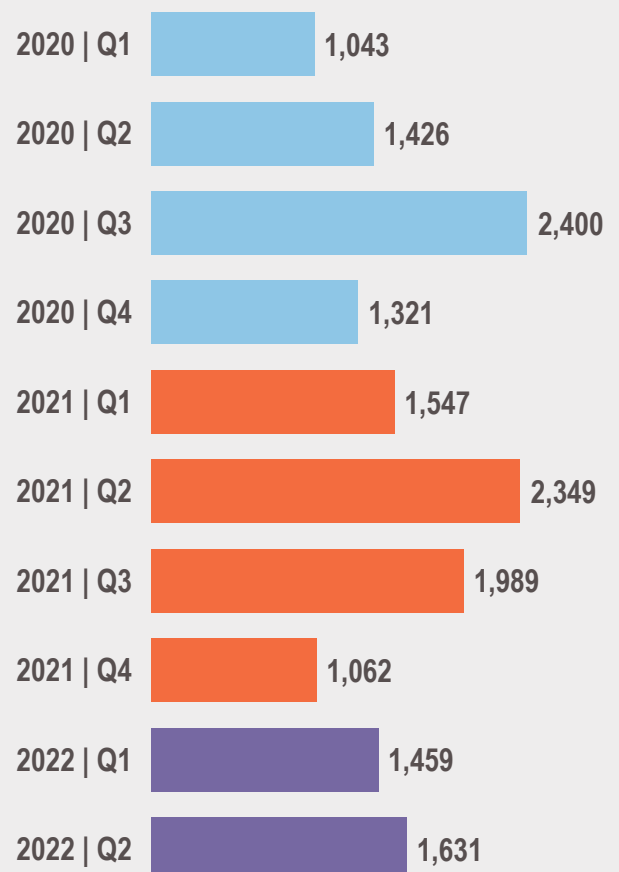


Spur investment in energy improvements



Provide the scale and data needed to achieve climate goals

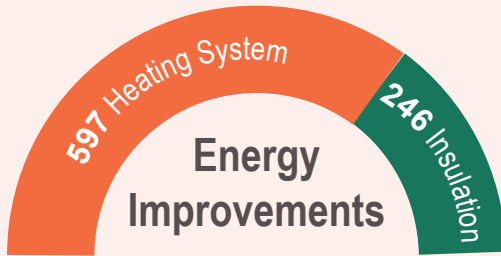
Number of Homes receiving Energy Disclosure Report



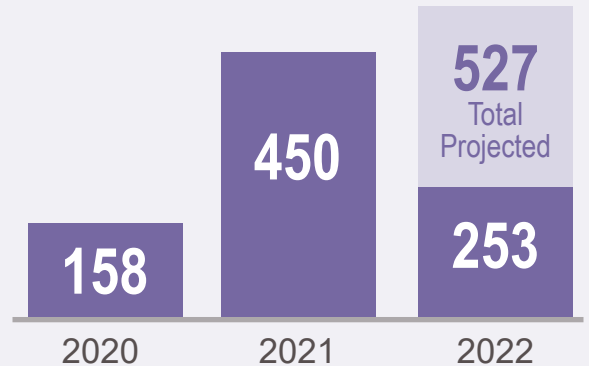
Energy Improvements Completed

The ultimate goal of energy disclosure is to motivate more homeowners to complete energy efficiency improvements. 2021 showed a positive correlation, with TISH residences accounting for 33% of the total rebated insulation upgrades in Minneapolis.

Over 800 residences completed an energy improvement to-date, saving homeowners **over \$150,000 in energy bills.**



Energy improvements completed each year



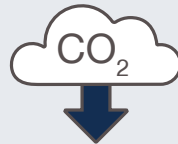
What is a Dekatherm?

A dekatherm is a unit of energy primarily used to measure natural gas use. The average Minnesota home uses **68 dekatherms** of gas for heating.



Nearly 18,000 dekatherms of energy saved

Energy savings to date



Over 950 metric tons reduction in CO₂ equivalent



This is the equivalent of eliminating emissions from **nearly 2.4 million miles** in a gas-powered car

Energy Savings through 2030

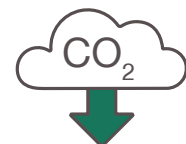
Using the first two years as a guide, this program will generate 5,300 energy upgrades by 2030. This equates to:



112,000 Dekatherms of cumulative energy savings



Nearly \$1 million in natural gas savings for residents



Over 5,800 metric tons of CO₂ equivalent emissions reduced, representing a 1% reduction in emissions from residential natural gas

Testimonial

“One of the first things I noticed was that my home’s energy score wasn’t very good!” Grace said of the Energy Disclosure Report for her recently-purchased 1912 bungalow. After she moved in during October, Grace quickly noticed how hard it was to keep the house warm.

Grace had always been attentive to energy use, so she called the Energy Advisor service listed on the report. **“The report was helpful, but what really made things achievable was being able to talk about my specific home with someone knowledgeable of old houses,”** Grace said.

The Energy Advisor helped arrange quotes from rebate-eligible contractors for Grace. Grace made a number of upgrades to her home, including dense-packing her walls with insulation and adding spray foam insulation to her attic. “I wanted to do the most I could. The 0% financing from the City of Minneapolis was a huge factor in making that possible,” Grace said.



“The report was helpful, but what really made things achievable was being able to talk about my specific home with someone knowledgeable of old houses.”



See next page
for a detailed
example

Energy Disclosure Reports

Energy Disclosure Reports provide expert guidance to homeowners on which key energy efficiency improvements to pursue and how to leverage available resources to make them possible.

By 2025, nearly 36% of Minneapolis’ 88,500 single-family homes are estimated to receive an Energy Disclosure Report. Each report provides an opportunity to motivate and help a homeowner upgrade their home’s energy efficiency, which supports the City’s Climate Action Goal of helping 75% of homeowners participate in an efficiency retrofit program by 2025.

Key Program Elements

The program aims to motivate homeowners to complete recommended energy upgrades to their home. To accomplish this, program efforts included generating quality reports, connecting with market stakeholders to increase awareness and support, and referring homeowners to resources to make upgrades accessible and attractive.



Report generation and delivery
CEE generates an Energy Disclosure Report to provide homebuyers a simple way to compare home energy performance, review recommended improvements, and connect with local resources. This report is included with the TISH Report that is publicly available and reviewed at closing.



Real estate engagement
CEE engages with real estate professionals and organizations to promote awareness of energy disclosure and the value of energy improvements.



Quality assurance
CEE reviews the energy data that is reported from independent TISH evaluators and partners with the City to ensure data accuracy and quality.



Energy Advisors
CEE maintains an energy advisor service to streamline the completion of energy improvements by offering homeowners guidance, contractor recommendations, and connections to available rebates and financing.



Consumer engagement
CEE conducts outreach campaigns to the general public and new homeowners who have received an Energy Disclosure Report to inform them about energy saving opportunities.

Example Energy Disclosure Report

