MINNEAPOLIS CLEAN ENERGY PARTNERSHIP

2025 Annual Report



November 2026

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Metrics Scorecard



Greenhouse Gas Emissions (Community-wide)

Net-Zero Emissions by 2050:

34% reduction since 2006; not on track for 2050 goals

Metric 1

Score: RED



Greenhouse Gas Emissions (Municipal Operations)

Net-Zero Emissions by 2040:

69% reduction since 2008 and on track

Metric 2

Score: GREEN



Greenhouse Gas Emissions (Residential)

Net-Zero Emissions by 2050:

33% reduction since 2006; not on track for 2050 goals

Metric 3

Score: RED



Greenhouse Gas Emissions (Commercial and Industrial)

Net-Zero Emissions by 2050:

42% reduction since 2006; not on track for 2050 goals

Metric 4

Score: RED



Renewable Electricity (Community-wide)

100% of renewable electricity use by 2030:

41% in 2025 and not on track

Metric 5

Score: RED



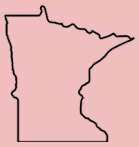
Renewable Electricity (Municipal Operations)

100% of renewable electricity use by 2023:

100% in 2025 and goal has been met

Metric 6

Score: GREEN



Renewable Electricity (Local and Subscriptions)

40% of renewable electricity use by 2030:

9.8% in 2025 and not on track

Metric 7

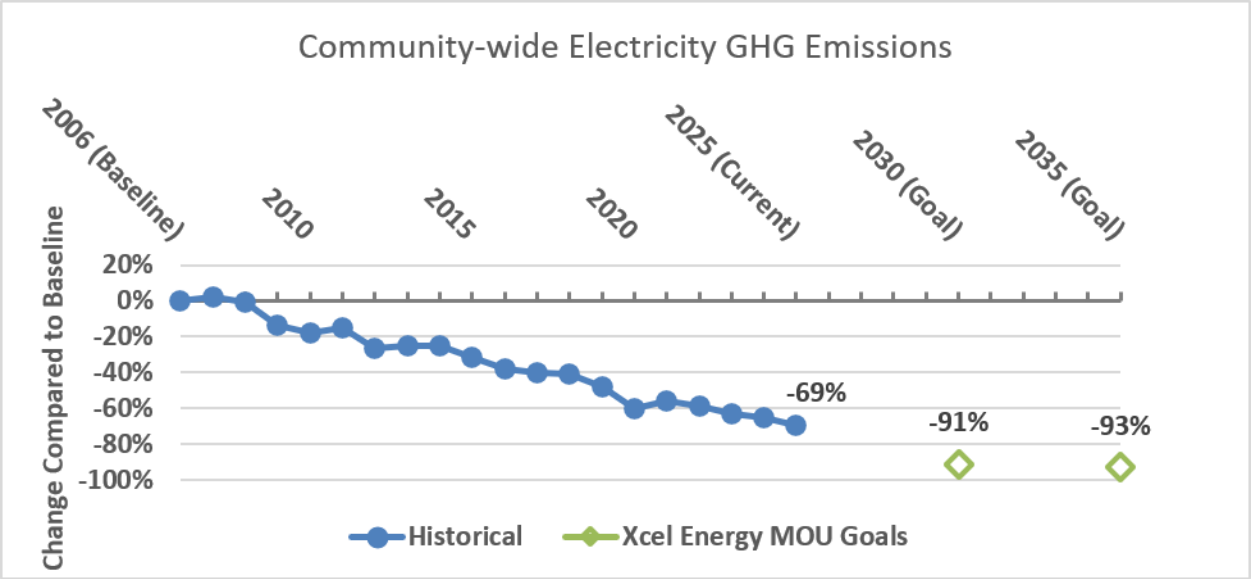
Score: RED

MOU Metrics

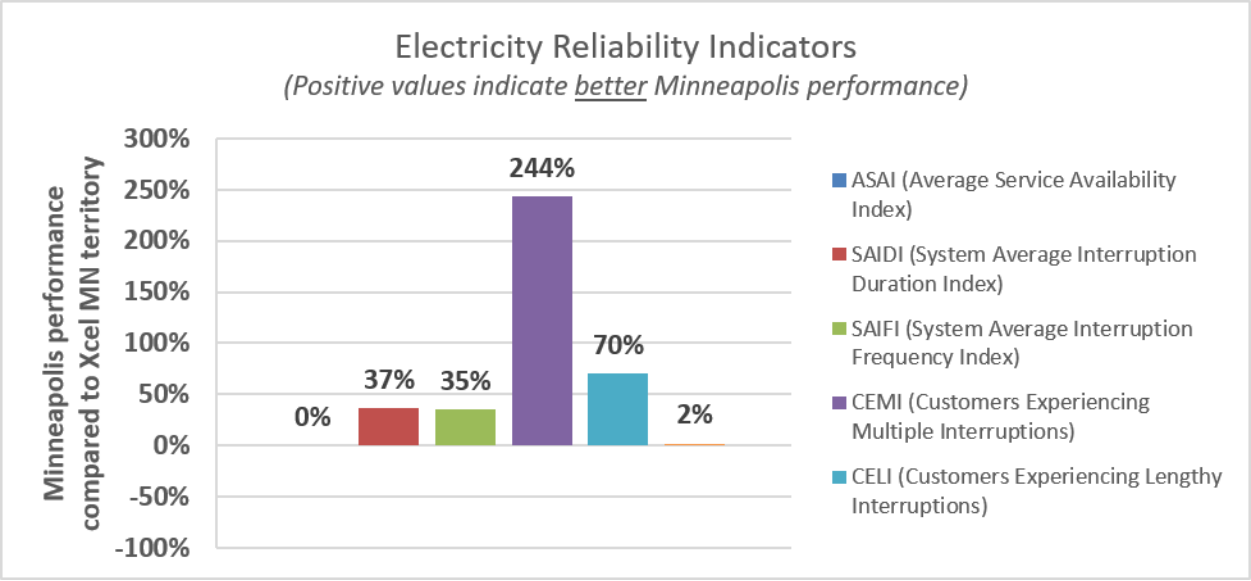
The new Clean Energy Partnership Memorandums-of-Understanding (MOUs) entered into in early 2025 between the City and Xcel Energy as well as the City and CenterPoint Energy contain a number of commitments to the Minneapolis community. As a first step in incorporating these commitments into the Partnership's annual reporting, graphs pertaining to these goals are reported in this section and the underlying data in the appendix. Note that all data is unofficial for planning purposes. With 2025 being the first year of the new MOU, historic information provided here is for context.

From the Xcel Energy - City of Minneapolis MOU:

Xcel Energy hereby establishes a goal which seeks to reduce community-wide greenhouse gas emissions from Minneapolis electricity consumption by 91% by 2030 and by 93% by 2035, from a 2006 baseline.

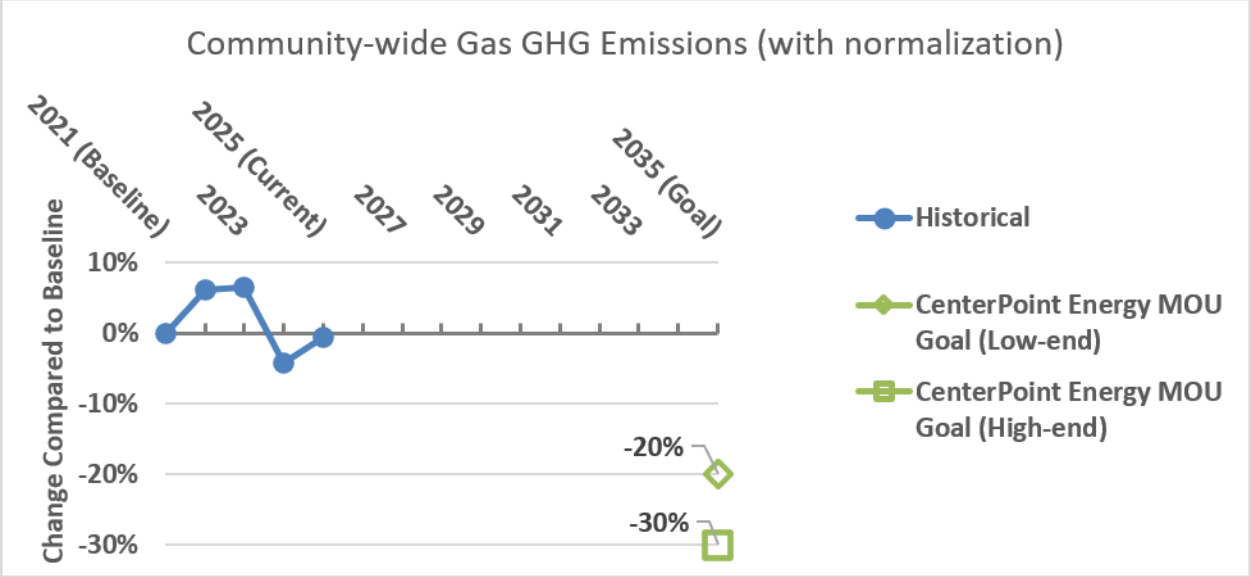


The System Average Interruption Duration Index (SAIDI) and other reliability metrics (such as ASAI, SAIFI, CEMI, CELI, and CAIDI) applied to the City of Minneapolis shall perform equal to or better than Company's Minnesota territory as a whole.



From the [CenterPoint Energy - City of Minneapolis MOU]:

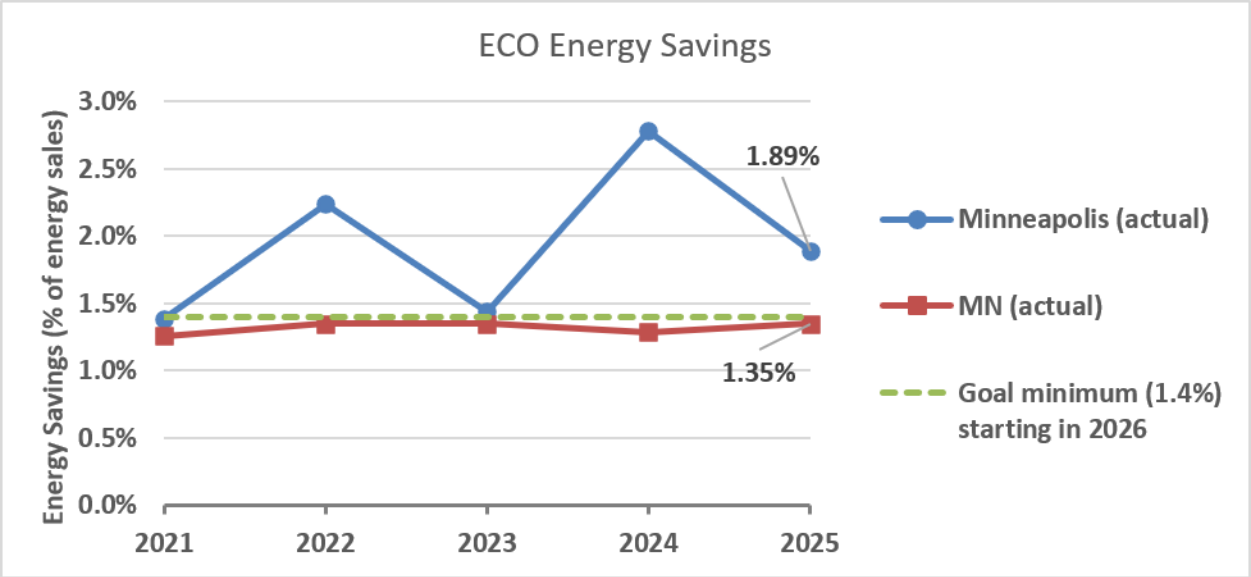
Reduce weather-normalized GHG emissions attributable to Minneapolis customers' end use of natural gas 20-30% by 2035 from a 2021 baseline, excluding exported electricity generation and adjusting for new co-generation



Minneapolis energy savings as a percent of the three-year average weather-normalized energy sales in Minneapolis shall each year be:

1. equal to or better than CenterPoint Energy's Minnesota territory as a whole, and

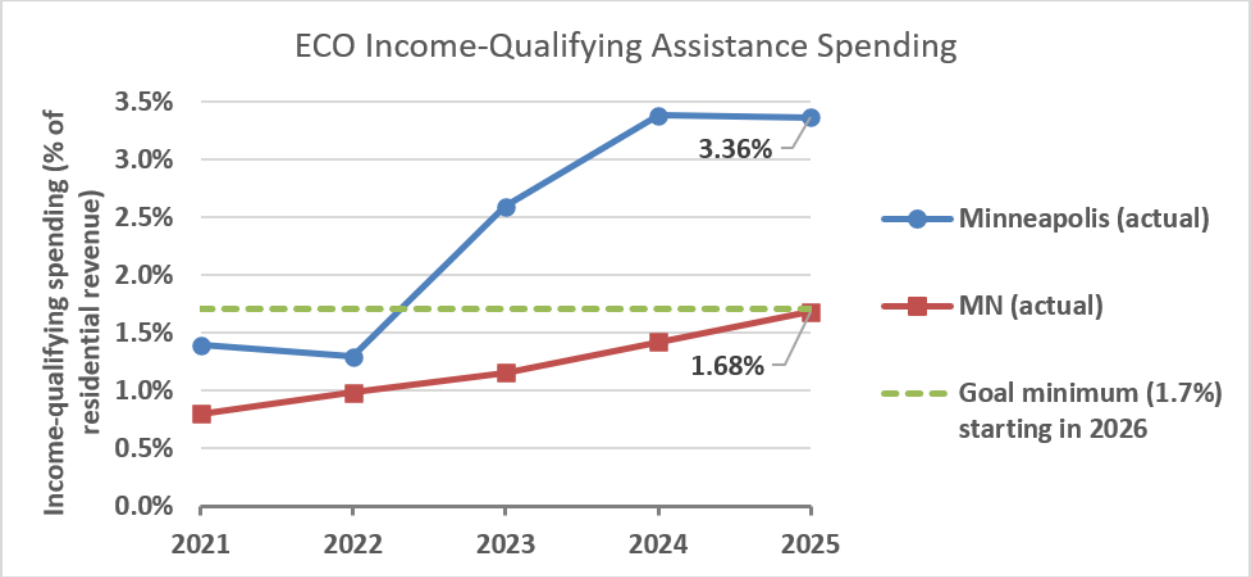
2. 1.4% or greater by December 31, 2026;



Total low-income ECO Triennial Plan project spending from residential customers in Minneapolis as a percent of the three-year average gross operating revenue in Minneapolis shall each year be:

1. equal to or better than the CenterPoint Energy's Minnesota territory as a whole, and

2. 1.7% or greater by December 31, 2026.

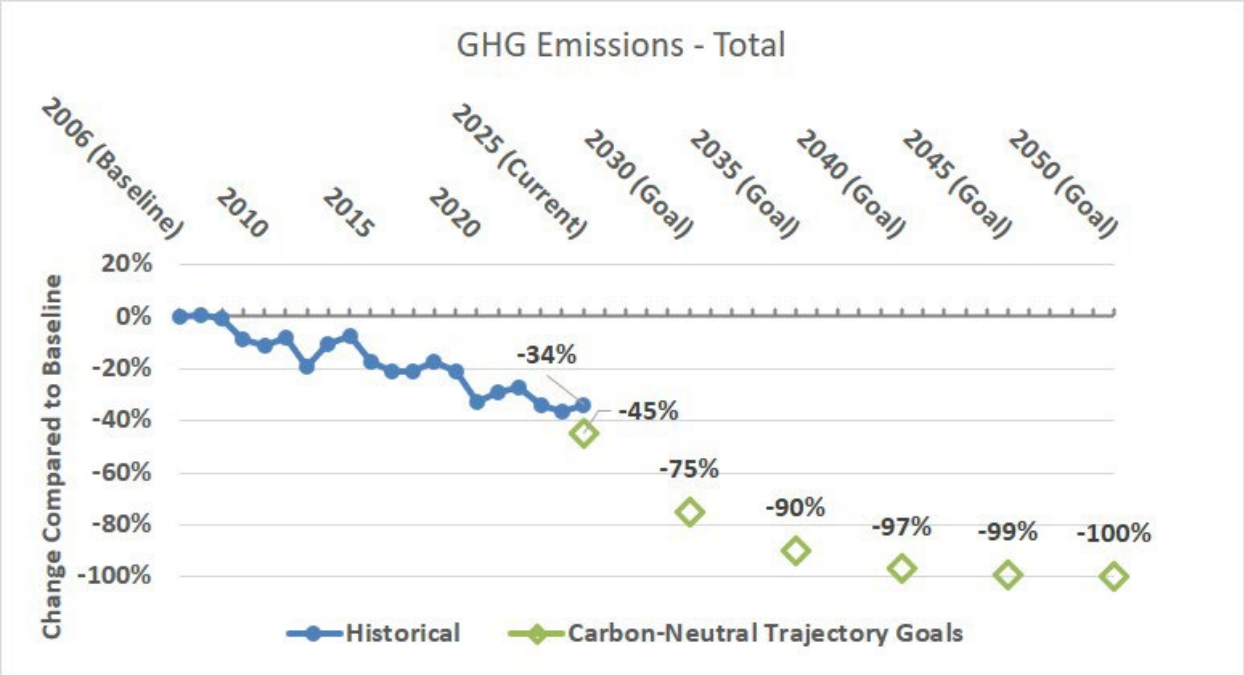


Metric 1: Greenhouse Gas Emissions (Community-wide)

This metric measures progress toward the Minneapolis *Climate Equity Plan's* community-wide greenhouse gas (GHG) reduction commitment:

> *Achieve net zero carbon emissions by 2050 and decarbonize within a carbon budget defined by a science-based, fair share pathway.*

The following data show a 34% decrease since 2006. 2025 emissions are outside the bounds of the City's carbon-neutral by 2050 pathway, exceed the 2025-specific goals, and forecasts (see appendix) indicate the City's carbon budget will be exhausted well before 2050 at the recent rate of decarbonization. Therefore, this metric is not on track to meet the 2050 goal.



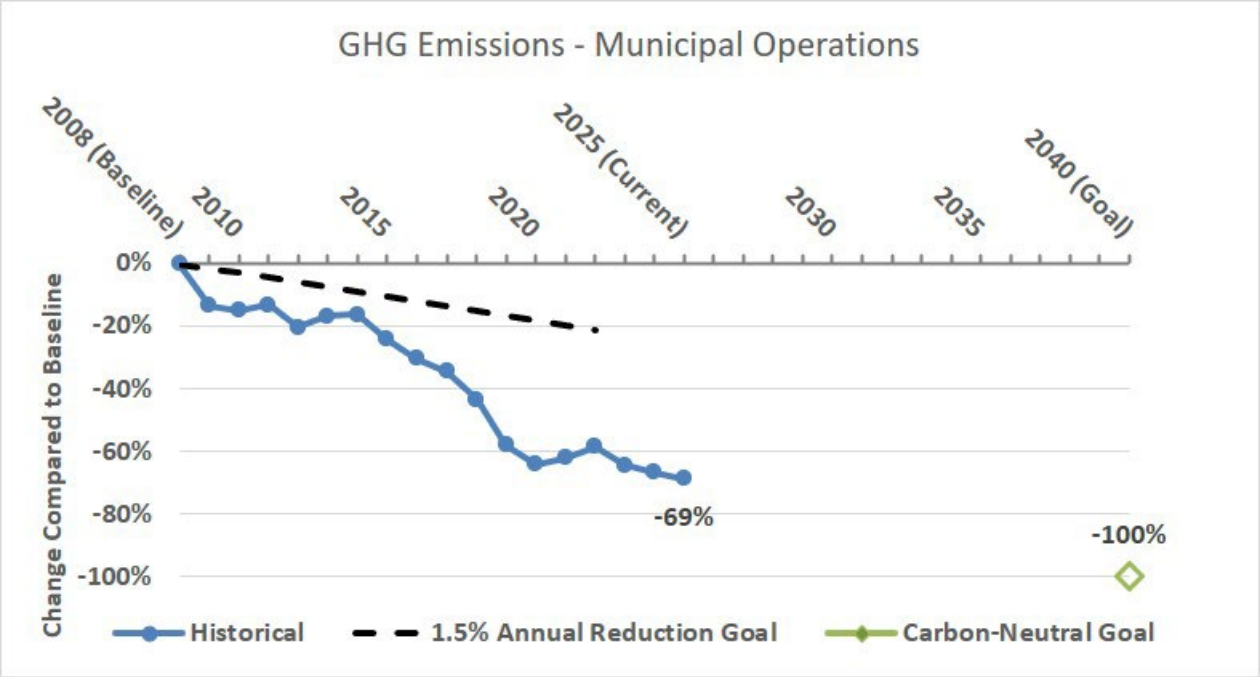
GHG emissions reductions to date are in large part attributed to progress on electricity decarbonization, moving away from coal to natural gas, wind, and solar power to produce electricity. In 2025, natural gas was the largest emissions source at 47% of overall GHG emissions, followed by on-road transportation (26%) and electricity (21%).

Metric 2: Greenhouse Gas Emissions (Municipal Operations)

This metric measures progress toward the Minneapolis *Climate Equity Plan's* municipal operations greenhouse gas reduction goal:

> *Achieve net zero carbon emissions by 2040 for municipal operations.*

The following data show a 69% decrease in emissions since 2008. The data indicates this metric met the City's previous goal (effective through 2022 data) of a 1.5% annual reduction in GHG emissions. City staff are developing a carbon-neutral goal trajectory to 2040 to gauge future progress.



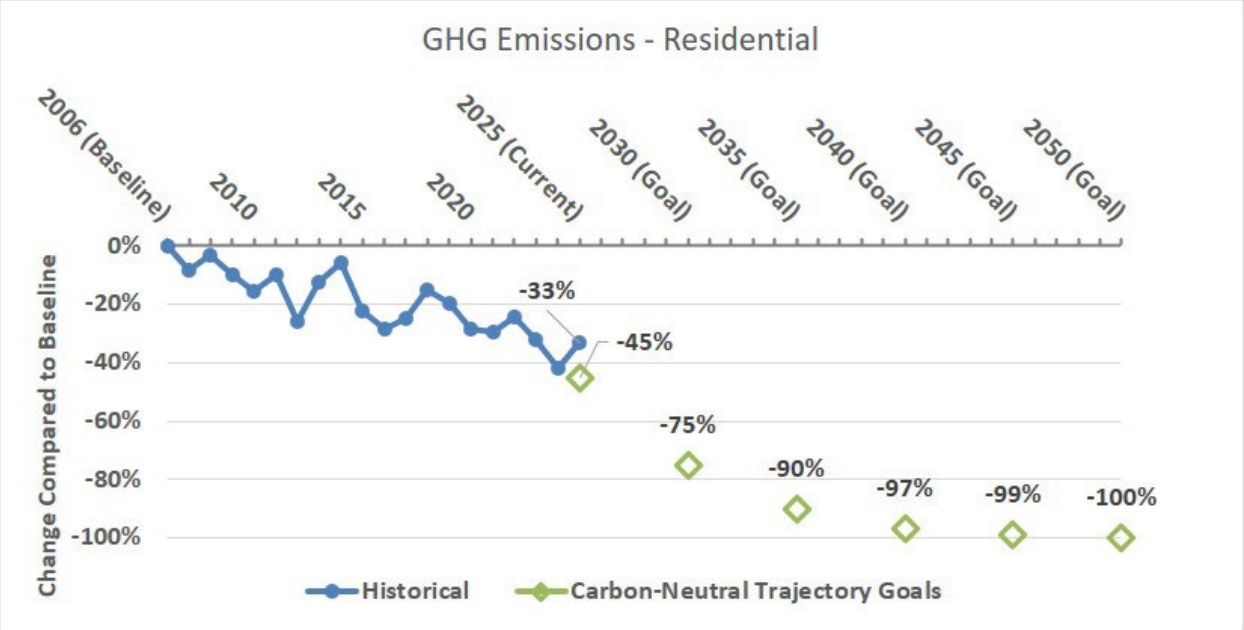
Greenhouse gas emissions from City facilities and operations continued in a downward direction for the 2025 calendar year. Xcel Energy subscribed the City's eligible, remaining electric accounts into Renewable*Connect in 2025, thereby resulting in no substantial emissions from electricity. Therefore, continued progress on emissions reductions will require an increased focus on natural gas and steam saving projects.

Metric 3: Greenhouse Gas Emissions (Residential)

This metric measures progress toward the Minneapolis *Climate Equity Plan*'s residential GHG emissions reduction goals:

> *Achieve net zero carbon emissions in the residential sector by 2050 and decarbonize within a carbon budget defined by a science-based, fair share pathway.*

The following data show a 33% decrease since 2006. 2025 emissions are outside the bounds of the City's net zero by 2050 pathway, exceed the 2025-specific goals, and the sector's carbon budget will be exhausted well before 2050 at the recent rate of decarbonization. Therefore, this metric is not on track to meet the 2050 goal.



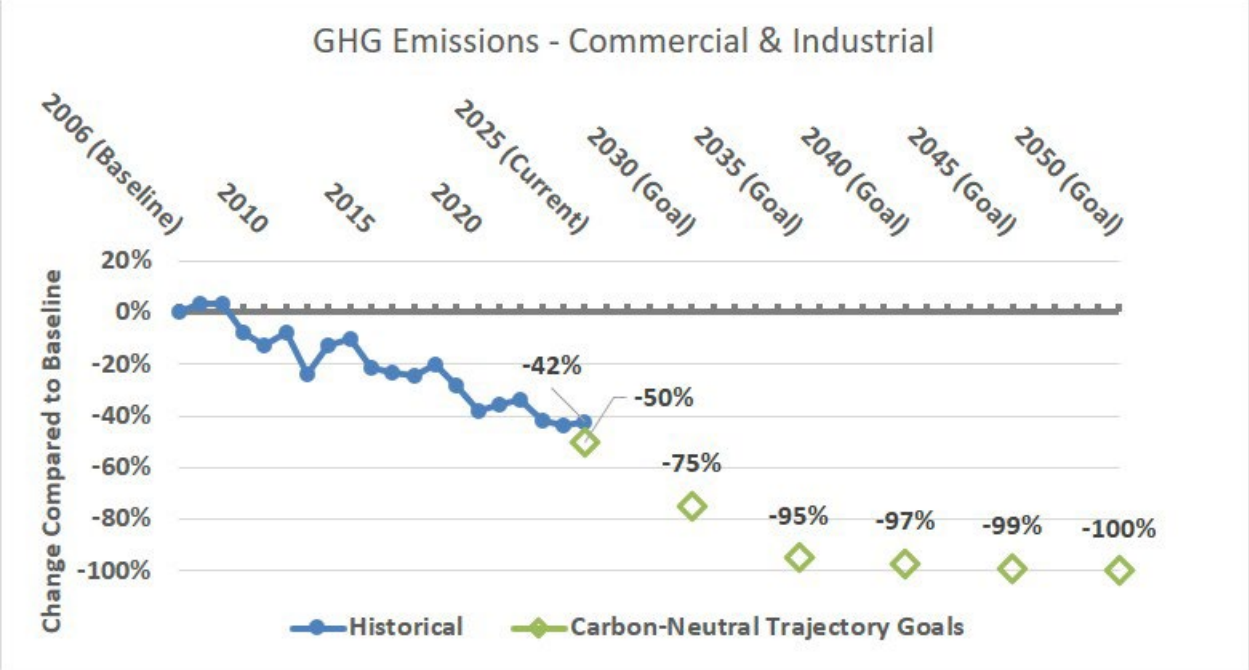
The residential energy sector consists of approximately 195,000 electric and 128,000 gas customers in Minneapolis. The number of electric and natural gas customers has increased since the baseline year, but data suggest that households in Minneapolis are using energy more efficiently. The reliance on natural gas for space heating in cold weather continues to contribute to significant peaks of energy use in cold weather years (see graph years 2014, 2018, and 2019).

Metric 4: Greenhouse Gas Emissions (Commercial and Industrial)

This metric measures progress toward the Minneapolis *Climate Equity Plan*'s commercial and industrial GHG emissions reduction goals:

> *Achieve net zero carbon emissions in the commercial and industrial sectors by 2050 and decarbonize within a carbon budget defined by a science-based, fair share pathway.*

The following data show a 42% decrease since 2006. 2025 emissions are outside the bounds of the City's net zero by 2050 pathway, exceed the 2025-specific goals, and the sector's carbon budget will be exhausted well before 2050 at the recent rate of decarbonization. Therefore, this metric is not on track to meet the 2050 goal.



The commercial and industrial energy sector consists of approximately 19,000 electric and 11,000 gas customers in Minneapolis.

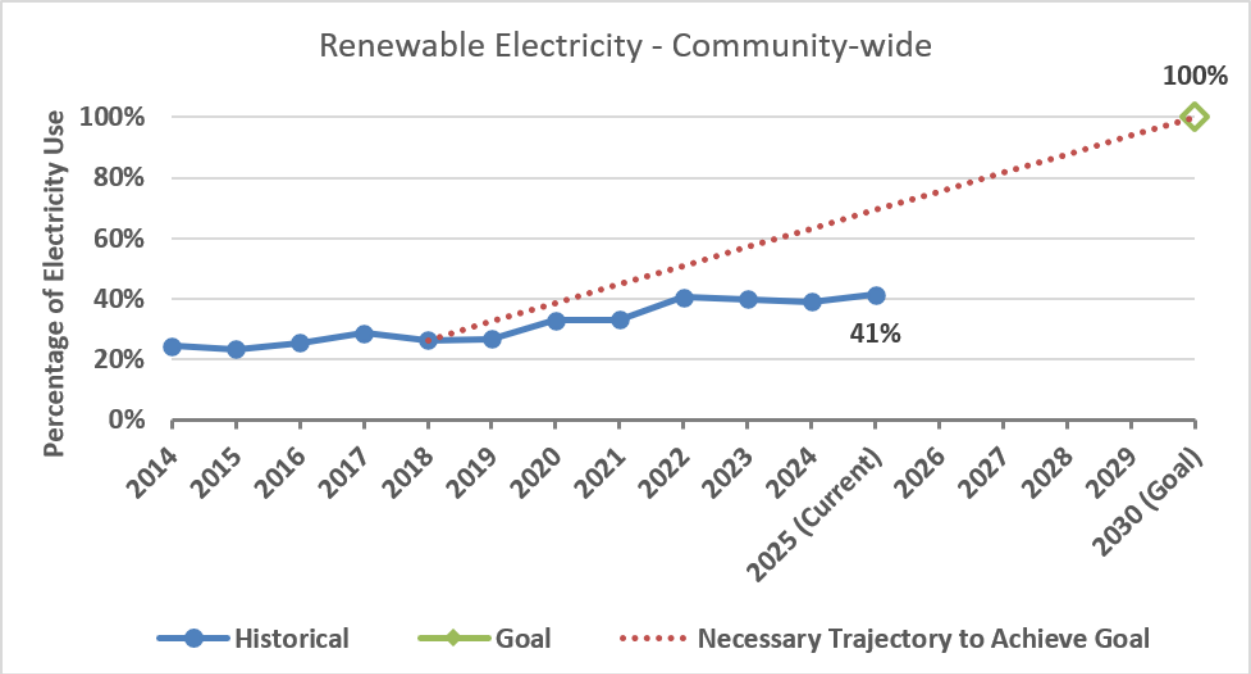
Emissions from natural gas represent 69% of the emissions in this sector. As with the residential sector, the commercial and industrial sector is affected by weather, and 2025 had 6% more heating degree days than the 2006 baseline year.

Metric 5: Renewable Electricity (Community-wide)

This metric measures progress toward the Minneapolis community-wide renewable electricity goal:

> *Receive 100% of community-wide electricity use from renewable sources by 2030.*

The following data show that 41% of Minneapolis electricity consumption came from renewable sources in 2025. The data show that this metric is not at the pace required to meet the goal, which was first established in 2018. This metric is determined to not be on track.



Xcel Energy also provides a Minnesota-wide metric, Certified Renewable Percentage, which was 39.4% for 2025, down from a high of 42.6% in 2022. Certified Renewable Percentage reflects the portion of electricity delivered for which Renewable Energy Certificates (RECs) have been retired on behalf of all customers. Xcel's Energy's 2024-2040 IRP includes a portfolio of energy resources so that, by 2030, the projected energy mix will include 45% wind energy, 9% solar, 24% nuclear, 10% energy efficiency and distributed solar, 11% natural gas, and about 2% hydro and biomass.

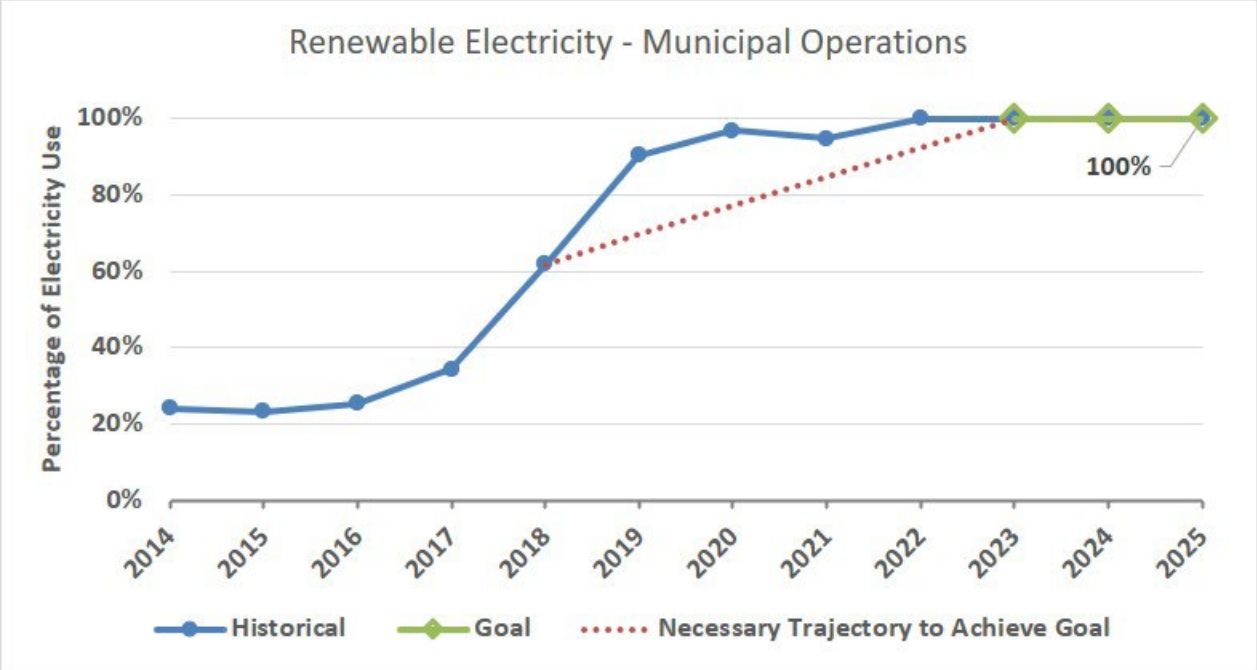
The carbon-free share of electric generation - the metric that most directly impacts GHG emissions - is 69% in 2025 after adding nuclear generation of 27%.

Metric 6: Renewable Electricity (Municipal Operations)

This metric measures progress toward the Minneapolis municipal operations renewable electricity goal:

> *Reach 100% renewable electricity for municipal facilities and operations by 2023*

The following data show that 100% of electricity consumption came from renewable sources in 2025. The data indicates this metric has substantially achieved the City's adopted goal.



The share of renewable electricity consumed by the City's municipal operations began to increase starting in 2017. Dramatic increases since 2017 are primarily due to the City's increased participation in Xcel Energy's *Renewable*Connect* program (69 million kWh in 2025).

Electricity consumption also slightly decreased in 2025, in part due to increased adoption of LED technology and lighting controls.

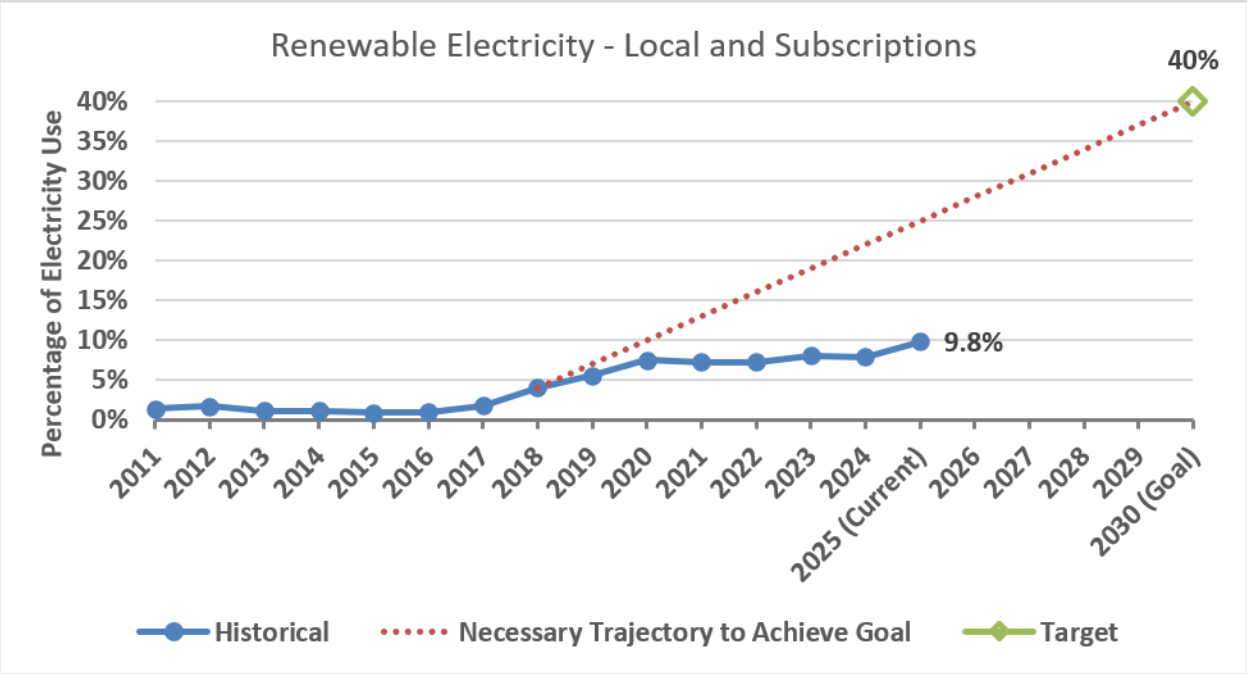
The City views this goal as currently fulfilled. Virtually all eligible electrical premises are currently enrolled in Xcel Energy's *Renewable*Connect* program.

Metric 7: Renewable Electricity (Local and Subscriptions)

This metric measures progress toward the Minneapolis *Climate Equity Plan*'s renewable electricity target:

> *Increase renewable electricity from distributed local solar to 30% and utility-scale subscriptions to 10%, for an overall target of 40% of total electricity consumed by 2030.*

The following data show that 9.8% of electricity consumption came from local and subscription renewable sources in 2025. This metric is not on track to meet the City's target.



2017-2020 showed dramatic upticks in local and subscribed renewable electricity. Increases were due to large direct-purchase subscriptions in Xcel Energy's *Renewable*Connect* program and a surge in local renewables through both Xcel Energy's community solar garden program and new Minneapolis-sited arrays supported by the City's Green Cost Share program.

From 2020 to 2025 participation in *Renewable*Connect* increased and participation in *Renewable*Connect Flex* decreased (resulting in slightly increased participation in green tariff subscription programs). Participation in *Solar*Rewards Community* (community solar gardens) remained relatively constant, while installed capacity of solar in the City through *Solar*Rewards* and net-metered solar increased, resulting in an increase in local solar in 2025.

2022-2024 Work Plan Progress

NOTE: Some activities from the previous work plan continue to be actively pursued. This section provides progress updates for only those activities that continued to be active in 2025.

Progress to Date (November 2026)
Theme 2: EQUITABLY ACCELERATE IN-BOUNDARY SOLAR IN SUPPORT OF THE CITY'S 2030 GOAL OF 30% DISTRIBUTED SOLAR An In-Boundary Solar Task Force made up of representatives from the City, Xcel Energy, and EVAC met in September 2022 and June 2023 to explore opportunities to equitably expand access to and accelerate adoption of in-boundary solar, and renewable electricity more broadly. Between these meetings task force members were involved in many working groups related to the creation of the City's Climate Equity Plan and provided their input on renewable energy considerations. Many of these changes are aligned with policy changes the City has been seeking, including significant changes to community solar. The Solar Garden program was changed in 2026 to be re-named the Melissa Hortman Community Solar Garden Program in honor of the former Minnesota Speaker of the House. Since 2024 the Low and Medium Income Community Solar Garden program reserves at least 30% of each community solar garden's capacity strictly for income-eligible households, plus another 25% for additional Low and Medium Income families, affordable housing providers, or local public-interest entities like schools and non-profits. This program is now officially managed by the Minnesota Department of Commerce, including managing complaints. The Department facilitates meetings between Xcel Energy, installers, and stakeholders. The Revised Resilient Minneapolis Project Proposal, filed jointly in March 2024 by Xcel Energy, the City of Minneapolis, Sabathani Community Center, Minneapolis American Indian Center (MAIC), and Renewable Energy Partners (REP), was approved by the Public Utilities Commission in August 2024 . Xcel Energy used the $9 million approved by the Commission to secure matching federal funds under the U.S. Department of Energy's Grid Resilience & Innovation Partnerships (GRIP) program. This enabled Xcel Energy and partners to continue the project at all three sites. Renewable Energy Partners will build, own and operate the North Minneapolis microgrid in collaboration with the Minneapolis Public Schools District, while Xcel Energy will continue to be the lead implementer for Sabathani and MAIC. Xcel Energy has made an approximately $5 million sub-award to REP from its GRIP award, matched by private and state funds secured by REP, allowing this project to move forward without any costs borne by Xcel Energy's customers. The GRIP funding also enables Xcel Energy and its partners to include in the Revised RMP several activities not included in the original RMP budget, including: Microgrid Agreements with Sabathani and MAIC that provide, staffing support, clean energy careers training, and technical assistance. The City will use other grant funds to support community engagement around microgrids and resilience hubs. RMP implementation is progressing with engineering and federal environmental review now both

Progress to Date (November 2026)
complete. Xcel Energy has submitted final plans for City permitting staff review, and upon approval will commence construction activities in 2026 with project completion and energization expected in Summer of 2027. While federal actions have been significantly delayed the project, and the Company and its partners have been required to by the Department of Energy to submit a significant amount of additional documentation, the project has not so far faced the threats of award cancellation faced by many other IRA/IIJA funded awards. In 2024 Xcel Energy worked with the City to transition municipal operation electricity to be sourced from renewable sources by leveraging subscriptions of energy through the Renewable*Connect program. This represents almost 2,000 City-owned premises. There were some premises that remained to be transitioned in 2025. Those have now been transitioned to start receiving credit as of January 2025. This activity is considered closed out.
Theme 3: IMPACTFUL REDUCTION IN COMMERCIAL & INDUSTRIAL NATURAL GAS USE This Theme is focused on reducing commercial and industrial natural gas use with the majority of the usage reduction through the New Normal Campaign. **A. LEVERAGE EXISTING PARTNERSHIP RESOURCES TO INCREASE GAS CONSERVATION** **a. The New Normal Campaign:** The "new normal" use of commercial buildings since the COVID-19 pandemic led CenterPoint Energy and the City of Minneapolis to develop the New Normal Campaign. This Campaign was designed to address issues facing properties, such as how building occupancy and operations have changed since the pandemic. During the pandemic, many buildings' focus was on mitigating health risks, often at the expense of energy efficient operations. CenterPoint Energy and the City of Minneapolis developed the new normal campaign to ensure buildings operate as efficiently as possible under their post pandemic conditions. The Campaign's energy savings pathway involves three steps: an energy analysis, offset by the City as budget allows; a controls tune-up for those properties that have a building automation system (BAS) (i.e., phase 2); and bonus triple rebates for prescriptive measures. CenterPoint Energy is paying for the building controls tune-up and triple rebates. The Campaign is primarily aimed at commercial buildings in Minneapolis required to benchmark, prioritizing those in the lowest quartile. On a case-by-case basis, the City is able to cover copays for properties above that threshold. In addition, properties can participate by paying their own copay, allowing the Campaign to serve more customers. As of the end of 2025, campaign savings were 240,399.13 Dths (the campaign's goal was 85,000 of Dth savings). With projects still in progress related to this campaign and wrapping up by the end of 2026, there is potential for an additional 195,000 Dths of savings. CenterPoint Energy looks forward to continuing to leverage learnings from this campaign.

Progress to Date (November 2026)
b. HOLISTIC APPROACH WITH LARGE COMMERCIAL AND INDUSTRIAL CUSTOMER CenterPoint Energy is working with Abbott Northwestern Hospital on an intensive, multi-year effort. This holistic approach to energy management and partnering will help identify opportunities for improving the customer's business practices associated with their corporate Environmental, Social, and Governance (ESGs) goals. When this theme component was devised, the original savings goal was an estimated 15,000 Dth through phased projects. Abbott is undergoing a campus revitalization project. In summer 2024, a new onsite Central Utility Plant (CUP) started functioning, providing heating, cooling, power and water for the entire Abbott campus, replacing 1950's-era energy and steam-producing equipment. Powered by natural gas, the CUP generates electricity, using some of the waste heat to offset heating load, and customers like Abbott consider this cogeneration an efficient and reliable component of their diverse, resilient energy portfolios. The steam created by the CUP will not only heat buildings for Abbott but also for Children's Minnesota-Minneapolis campus and other neighbors, creating a local energy-distribution district. The CUP was measured and verified in 2024 to save about 170,000 Dths annually. CenterPoint is working with Abbott on other components in the revitalization, a 10-story surgical and critical care pavilion that will be Allina's first LEED-certified building and a transportation hub accommodating multiple modes of transportation. This project was recently commissioned in August 2026. **c. IMPLEMENT NEW ELECTRIFICATION AND DECARBONIZATION OPPORTUNITIES** The final project focuses on district energy in the City of Minneapolis. CenterPoint is collaborating with Hennepin County and the City to develop, evaluate, and consider opportunities to decarbonize Hennepin County's downtown district energy center (adjacent to US Bank Stadium). Hennepin County has stressed the importance of redundancy to protect the Trauma 1 hospital served by this district system and that reliability is a primary concern. CenterPoint provided funding support to a Hennepin County-led study to identify and consider decarbonization strategies, and the final report was delivered in late 2023. In the Innovation Plan that was approved by the Minnesota Public Utilities Commission in July 2024, CenterPoint included an Existing District Energy pilot to help current natural gas customers with existing district energy systems, such as Hennepin County, reduce greenhouse gas emissions associated with their systems. The study mentioned above identified several projects that would likely be eligible for incentives under this pilot if Hennepin County moves forward with the implementation of these GHG reduction strategies. CenterPoint has continued to work with Hennepin County on their potential decarbonization project for Hennepin County Energy Center, including further analysis on its eligibility for incentives, as the project awaits official approval from the Hennepin County Board.

Progress to Date (November 2026)
Additional potential projects will continue to be explored by CenterPoint, the City of Minneapolis, and Hennepin County. This activity is considered closed out.

2019-2021 Work Plan Progress

NOTE: Some activities from the previous work plan continue to be actively pursued. This section provides progress updates for only those activities that continued to be active in 2025.

Progress to Date for Activities Still Active (November 2026)
RE.1 INSTALL ELECTRIC VEHICLE INFRASTRUCTURE FOR CITY FLEET RE.1 spurs the transition to an electric vehicle fleet for the City of Minneapolis through a number of City facilities participating in Xcel Energy's *Fleet Service Pilot*. • Aldrich facility: 9 Level 2 chargers have been installed. • Currie Maintenance facility: 4 Level 2 chargers and 1 Level 3 (DC fast) charger have been installed. • Royalston facility: 20 Level 2 chargers and 1 Level 3 charger have been installed. • Hiawatha Maintenance facility: 1 Level 3 charger and 10 Level 2 chargers under construction and are expected to be completed in November 2026. • Solid Waste facility: 1 Level 3 charger is under construction and is expected to be completed in November 2026. Beyond projects already underway, Xcel Energy's *Fleet Service Pilot* has been cancelled. This activity is considered closed out.
RE.2 ACHIEVE 100% RENEWABLE ELECTRICITY FOR CITY ENTERPRISE AND COMMUNITY PATHWAY In 2018, the City of Minneapolis enacted a resolution that established a 100% renewable electricity goal for Minneapolis. The City enterprise enrolled eligible accounts in Xcel's Renewable*Connect program on five- and ten-year contracts between 2017 and 2018 that brought the City to roughly 60% of this target. To achieve the remaining 40% and with an expectation that some Renewable*Connect contracts would end in 2022 and 2023, the City issued two RFP's: 1. An RFP requesting 90% of the City's municipal operations needs to be met by a large generation source located outside the City limits. 2. An RFP requesting 10% of the City's municipal operations needs to be met by one or more generation sources located within City limits. US Solar was selected as the highest-scoring proposal for the RFP involving generation outside the city limits. US Solar's proposal was to build large scale (5-10 MW) solar arrays and sell the generated electricity directly to Xcel Energy or another power off-taker, while selling the REC's these arrays produce to the City of Minneapolis. Over sixteen months, the City and

Progress to Date for Activities Still Active (November 2026)
US Solar worked through a waterfall strategy of approaches of bringing this project to fruition. At the end of 2022, both parties had exhausted their available options as there was no tariff nor legislation that required utilities to support this effort. The City and US Solar have mutually decided to discontinue their efforts on this approach and are no longer considering this as a feasible means to achieving this goal. Sundial Solar was selected as the highest-scoring proposal for the RFP involving on-site generation within the city limits. Over the course of eighteen months, the City Enterprise worked with Sundial to develop solar PV arrays at five municipal building sites. During the engineering phase of the project, the City identified that the proposed racking design was not compatible with, and would in fact harm, our existing roofs. The City required that material alterations to the racking design would be necessary to proceed. These design changes ultimately could not be accommodated within the pricing and contract structure of the PPA which led to the portfolio of projects being terminated. The City remains committed to achieving this 100% renewable electricity goal and took the following actions: 1. City Council approved extending Renewable*Connect contracts that were set to expire in 2023 through the remainder of the Renewable*Connect program. These contracts have been renewed through December 31st, 2026, when the first iteration of the program sunsets. 2. The City worked closely with Xcel Energy to enroll all eligible premises into Renewable*Connect. Contract terms were negotiated throughout Q1-Q3 of 2024. All premises, except for five, are now enrolled in this program. This activity is considered closed out, all requested enrollments have been completed.
RE.3 PROVIDE SOLAR GARDEN AND ENERGY EFFICIENCY OPPORTUNITIES FOR LOW-INCOME COMMUNITIES RE.3 aims to establish a low-income community solar garden. In July of 2024, Xcel Energy requested approval of a grant contract extension from MN Public Utilities Commission (PUC) for the Renewable Development Fund (RDF) grant supporting installation of a solar garden on the City's East Side Maintenance Facility. Additional time was required to complete several steps including an extra engineering review for the City-owned property. The solar garden was accepted into the new Low and Moderate Income (LMI) community solar garden administered by the MN Department of Commerce. MN PUC granted approval of the grant contract extension. The program reserves at least 30% of each community solar garden's capacity strictly for income-eligible households, plus another 25% for additional LMI families, affordable housing providers, or local public-interest entities like schools and non-profits.

Progress to Date for Activities Still Active (November 2026)
Solar panels and associated racking were installed on the facility's roof. The City and Greenway Solar worked through final details of AC installation and interconnection. The solar garden received Permission to Operate on June 16, 2026. This activity is considered closed out.

Appendix: Supporting Data

The Partnership originally established metrics based on recommendations of EVAC and the Planning Team in 2015 and first reported on them in the 2015 Annual Report (published in 2016). The intent of this first generation of metrics was to inform the Board of progress in the Partnership, helping the partners understand what activities are happening in the community and determining the level of success. Compiling metrics included significant data collection from all three partners to determine which areas of the community are currently being well-served, less served, or under-served.

The data collected in the first generation of metrics remains very valuable to the Partnership and other stakeholders, and thus is retained and reorganized under the new seven key metrics. This section contains this data for posterity and to help illuminate the reasons for trends and yearly variation seen in the key metrics in this report.

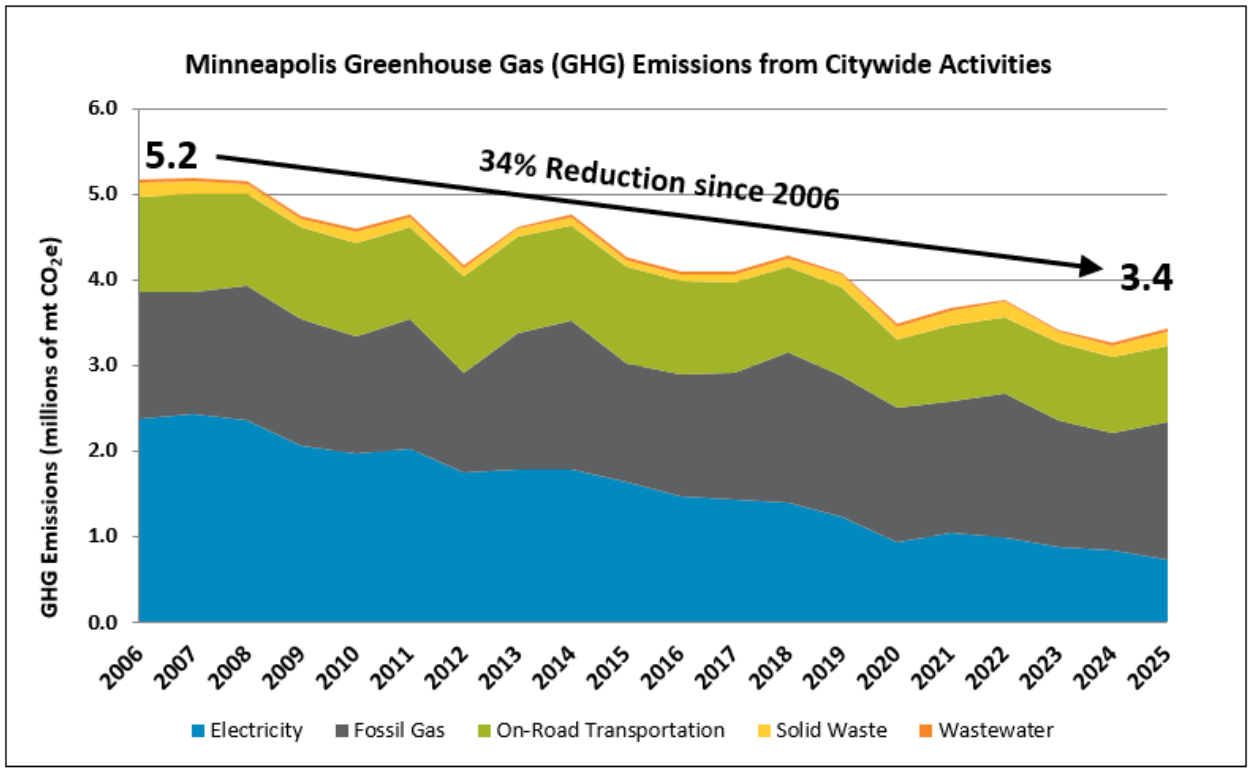
This section also provides trend forecasting (when data is available), which is an area of continued effort by the Partnership.

Metric 1 Supporting Data: Greenhouse Gas Emissions (Community-wide)

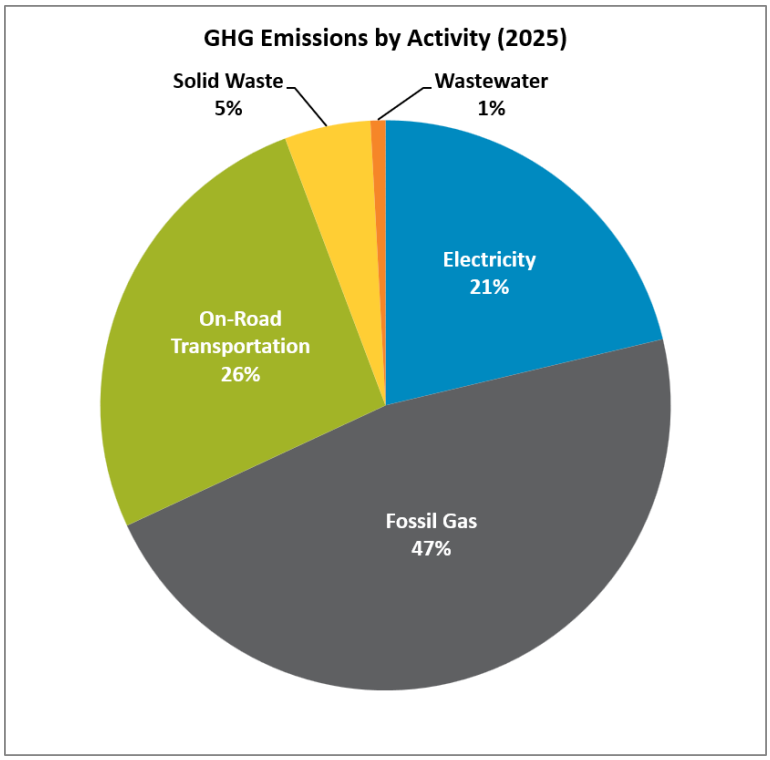
Metric		2021	2022	2023	2024	2025
1	GHG emissions - Community-wide (mt CO_2e)	3,672,710	3,773,603	3,405,218	3,297,661	3,427,181
	Compared to 2006 baseline	-29%	-27%	-34%	-36%	-34%

Supporting Data		2021	2022	2023	2024	2025
1a	Electricity GHG emissions (mt CO_2e)	1,046,099	987,981	887,421	836,476	729,007
1b	Electricity GHG emissions (Compared to 2006)	-56%	-58%	-63%	-65%	-69%
1c	Electricity emissions factor (mt CO_2e/MWh)	0.286	0.277	0.251	0.224	0.236
1d	Gas GHG Emissions (mt CO_2e)	1,525,648	1,684,877	1,474,392	1,364,202	1,604,067
1e	Gas GHG Emissions (Compared to 2006)	3%	13%	-1%	-8%	8%

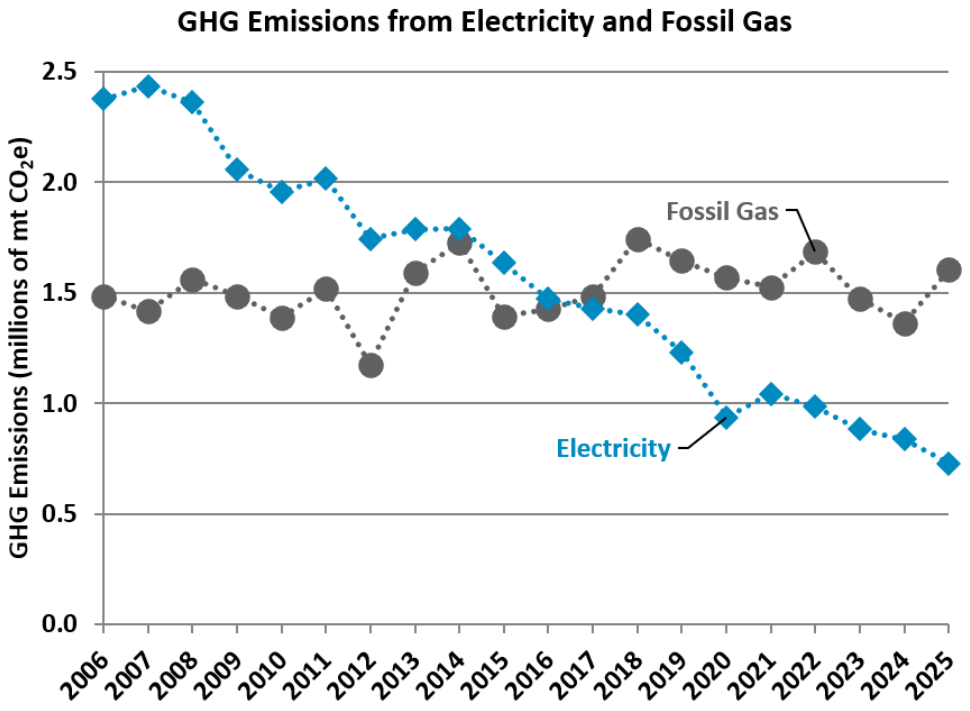
The figure below represents the citywide greenhouse gas (GHG) emissions inventory, an accounting of Minneapolis emissions from buildings, transportation, wastewater, and solid waste.



Emissions from the two fuels that are the focus of the Clean Energy Partnership – electricity and natural gas – account for 68% of the City's overall greenhouse gas emissions.



Starting in 2017, the largest source of emissions became the combustion of natural gas. Since then emissions from natural gas and electricity have further diverged.



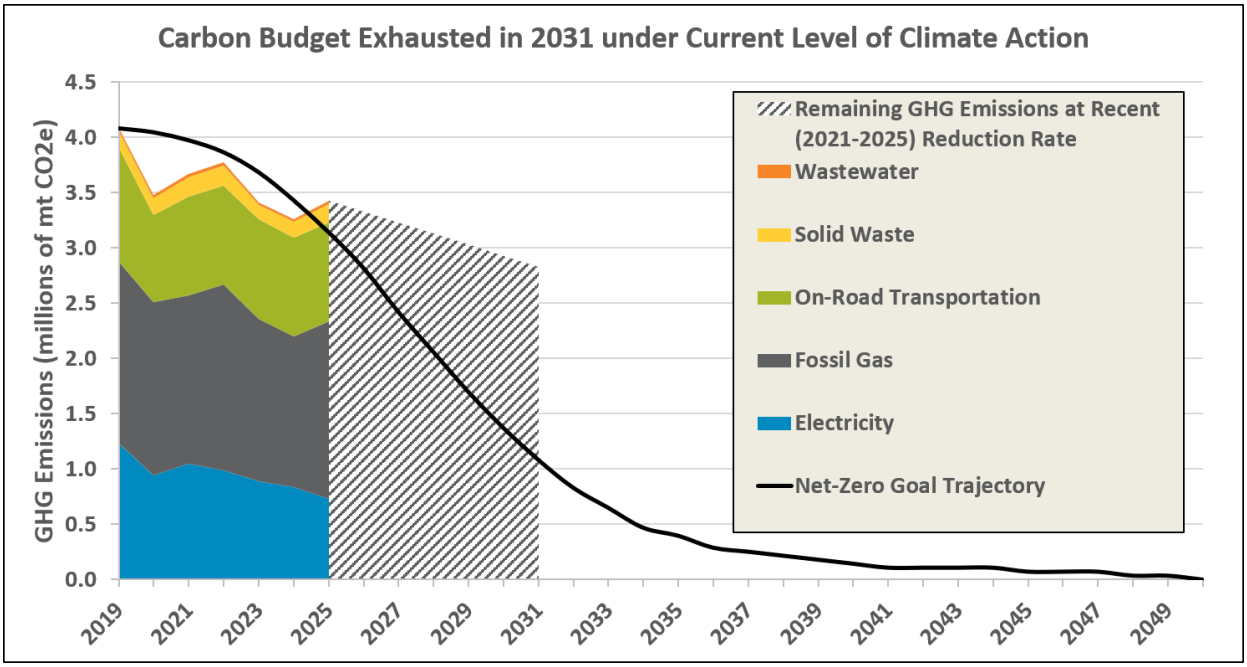
Net Zero by 2050 Goal

On October 8, 2021, Mayor Frey pledged commitment to the *Race to Zero* campaign for the City of Minneapolis to proceed immediately in taking all necessary steps in line with global efforts toward limiting warming to 1.5^0C, including a pledge to reach net-zero GHG emissions by 2050 at the latest. This commitment is the cornerstone of the recent *Minneapolis Climate Equity Plan* which was adopted by the City earlier this summer.

Minneapolis has adopted a "Steep Decline" trajectory to secure our community's contribution to limiting global temperature rises to 1.5^0C. This is consistent with C40's *Deadline 2020* methodology which guides cities in defining their specific science-based, fair share GHG emission reduction trajectory. According to *Deadline 2020*, this means that for Minneapolis "emissions need to be immediately and rapidly reduced and the city is sufficiently developed to do so." As seen below, five sectors of GHG emissions are each responsible for reductions in order to cumulatively meet the City's targets.

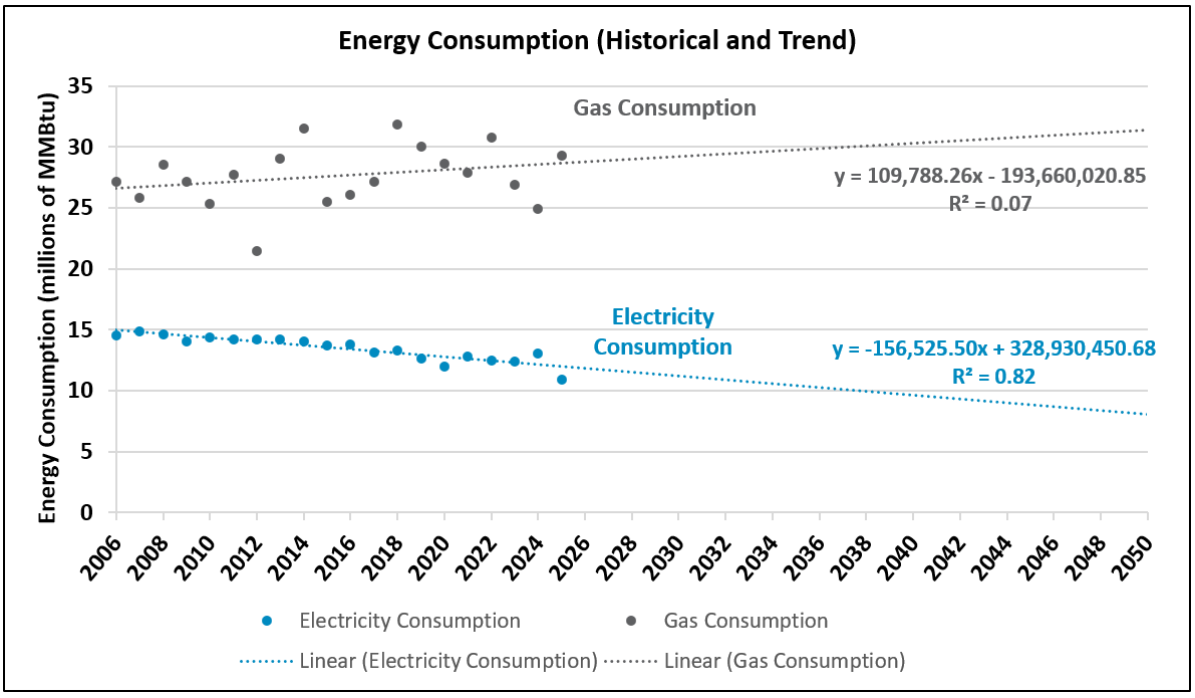
		GHG Emissions Change (Compared to 2006 Baseline Year)					
	Year	Electricity	Fossil Gas	On-Road Transportation	Solid Waste	Wastewater	OVERALL
Current Yr	**2025**	**-69%**	**8%**	**-19%**	**7%**	**-27%**	**-34%**
Goal Yr	**2025**	-75%	-10%	-30%	-25%	-45%	-45%
	2030	Carbon-Neutral	-35%	-70%	-70%	-75%	-75%
	2035	Carbon-Neutral	-80%	-91%	-91%	-93%	-92%
	2040	Carbon-Neutral	-93%	-97%	-97%	-97%	-97%
	2045	Carbon-Neutral	-97%	-98%	-98%	-99%	-99%
	2050	**Carbon-Neutral**	**Carbon-Neutral**	**Carbon-Neutral**	**Carbon-Neutral**	**Carbon-Neutral**	**Carbon-Neutral**

The science-based target illustrates that the 2020's are critical toward the city accomplishing this new climate goal, requiring us to greatly accelerate our pace of decarbonization to the point that 2030 emissions are only about 1/3 of 2020 emissions. The science-based target also represents the total GHG emissions that can be emitted by Minneapolis over the next three decades while meeting our City's local obligation to keep global warming to 1.5^0C. This "carbon budget" is a simplified measurement of the additional, cumulative emissions that a city can still emit prior to 2050.

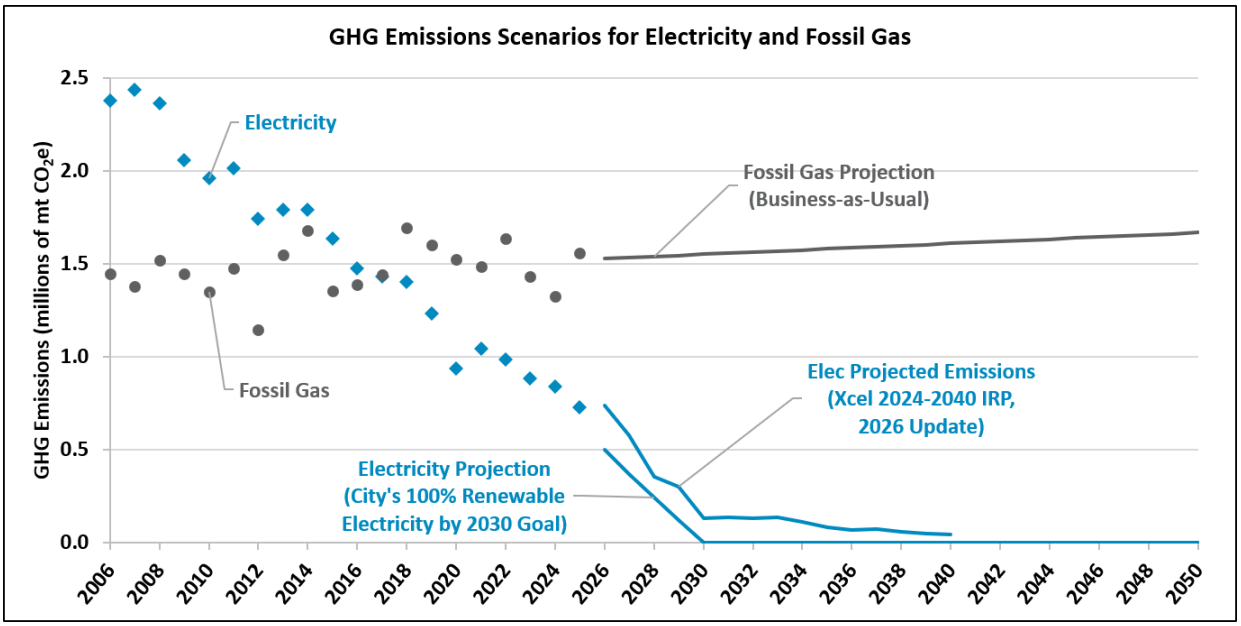


Seen above, projecting the previous five-year rate of decarbonization into the future gives an indication of when (2031) the City's carbon budget may be exhausted. In other words, the cumulative emissions from 2019-2025 plus the likely 2026-2031 emissions under a business-as-usual decarbonization scenario will equal and then exceed all emissions allowed under the net-zero pathway through 2050.

To gauge the impact of the future emissions covered by the Clean Energy Partnership, a trend line can be created by looking at the underlying historical energy consumption data and applying a linear regression. The resulting trend prediction is shown in the following graph.



To predict future emissions, the consumption forecasts above are coupled with emission factors for fuels, while keeping everything else constant. The emission factor for natural gas is assumed to remain constant. CenterPoint Energy filed an Innovation Plan through the Natural Gas Innovation Act that includes natural gas decarbonization strategies that would modestly decrease the gas emissions factor in the short term, with the potential for more significant reductions in the future if solutions are scaled up in the coming years. The emission factor for electricity falls over time in two scenarios: 1) Xcel Energy's current 2024-2040 Integrated Resource Plan (IRP) and 2) The City of Minneapolis' 100% renewable electricity by 2030 goal. The results show the emissions trajectory for each fuel.

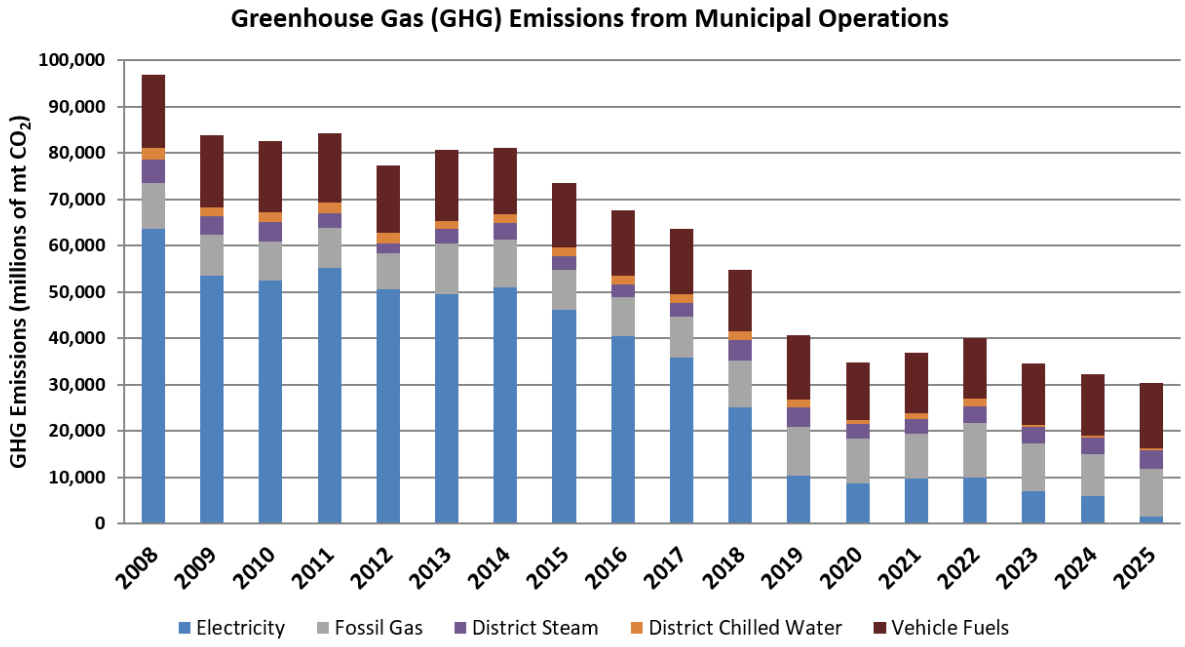


Metric 2 Supporting Data: Greenhouse Gas Emissions (Municipal Operations)

Metric		2021	2022	2023	2024	2025
2	GHG emissions - Municipal operations (mt CO_2)	36,807	40,165	34,561	32,296	30,387
	Change compared to 2008 baseline	-62%	-59%	-64%	-67%	-69%

Supporting Data		2021	2022	2023	2024	2025
2a	Emissions from electricity use (mt CO_2)	9,832	10,022	7,038	6,056	1,614
2b	Emissions from natural gas use (mt CO_2)	9,586	11,693	10,245	9,033	10,223
2c	Emissions from district steam use (mt CO_2)	3,259	3,569	3,590	3,598	3,947
2d	Emissions from district chilled water use (mt CO_2)	1,164	1,705	443	393	427
2e	Emissions from vehicle fuel use (mt CO_2)	12,967	13,175	13,245	13,216	14,176

Greenhouse gas emissions from City facilities and operations have decreased dramatically (69%) since the 2008 baseline. This drop has been largely due to substantial decreases in electricity emissions, due to reductions in Xcel Energy's grid mix emissions and City renewable energy projects and subscriptions. Starting in 2019, electricity was no longer the largest single source of emissions in the inventory, in 2025 representing 5% compared to 47% for vehicle fuels and 34% for natural gas. Electricity accounted for 64 percentage points of the 69% decrease seen below.



After two years of increased GHG emissions as the City recovered from the COVID-19 pandemic and conditioned an increased City building footprint, the City decreased emissions in 2023 and 2024, and then even further in 2025 to its lowest level to date. This GHG emissions reduction in 2025 is despite an 11.9% increase in Cooling Degree Days (CDD) and 14.8% increase in Heating Degree Days (HDD) between 2024 and 2025.

These decreases in emissions can primarily be attributed to the following:

1. The City enrolled in Xcel Energy's Renewable*Connect program all City facilities and all miscellaneous electrical services (street lights, traffic signals, EV chargers) that were in the City portfolio at the time of enrollment. This has essentially eliminated the City's emissions related to electricity consumption.
2. Building automation tune-up activities across City maintenance facilities to align setpoints with current operation in the post-COVID era.
3. Participation in utility-sponsored demand side management programs.

Emissions from natural gas have remained relatively constant, when compared to annual heating degree days, and continue to be the primary area of focus as the City looks to achieve net zero emissions for City operations.

Over the last year, City staff within Property Services and the Sustainability division of the Health Department have developed a decarbonization framework for City facilities. This framework helps prioritize which facilities have the greatest potential for emissions reductions in combination with the remaining useful life of existing mechanical systems.

For new construction or substantial remodel projects, the City is designing buildings to a net zero standard utilizing innovative technologies:

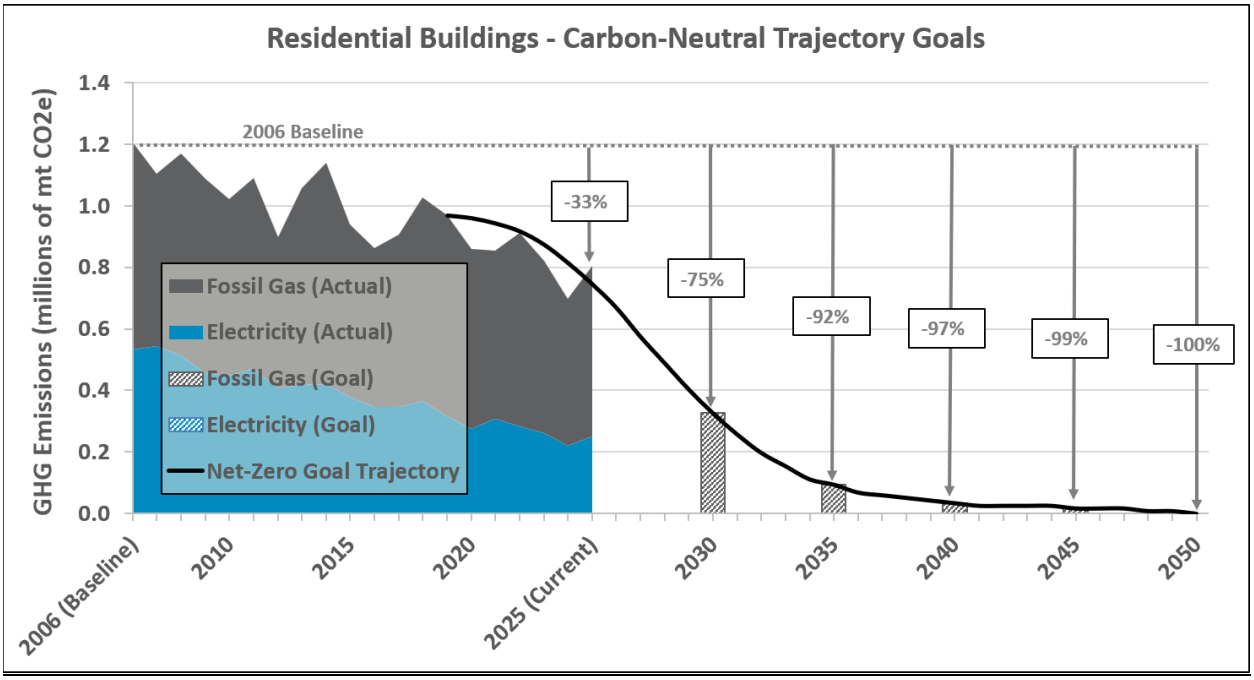
- The South Minneapolis Community Safety Center will utilize an air-to-water heat pump by Flow which utilizes CO_2 as a refrigerant and will be able to heat the facility all year on electricity.
- The Democracy Center plans to utilize a Darcy geothermal heat pump system to meet the heating and cooling demands of the facility. This facility is exploring the option to connect to a future district geothermal system.

The City is also focused on achieving substantial decarbonization in existing facilities. One key project is the Traffic Maintenance facility which is undergoing a HVAC redesign to eliminate the existing steam heating system with a focus on achieving a 50%+ emissions reductions with the new system."

Metric 3 Supporting Data: Greenhouse Gas Emissions (Residential)

Metric		2021	2022	2023	2024	2025
3	GHG Emissions (mt CO2e)	853,438	912,680	821,127	698,694	804,688
	Change compared to 2006 baseline	-29%	-24%	-32%	-42%	-33%

Residential Energy Use		2021	2022	2023	2024	2025
3a	Electricity use (MWh)	1,128,700	1,066,874	1,084,565	1,025,294	1,101,562
3b	Electricity GHG emissions (mt CO2e)	308,458	281,990	260,528	220,324	250,337
3c	Electricity GHG emissions (change compared to 2006)	-42%	-47%	-51%	-59%	-53%
3d	Gas use (therms)	99,457,659	115,099,750	102,308,273	87,301,489	101,167,964
3e	Gas GHG emmisions (mt CO2e)	544,979	630,690	560,599	478,369	554,351
3f	Gas GHG Emissions (change compared to 2006)	-19%	-7%	-17%	-29%	-18%
3g	Energy - Total (MMBtu)	13,803,710	15,158,007	13,938,366	12,234,443	13,882,256
3h	Energy - Total (change compared to 2006)	-12%	-3%	-11%	-22%	-11%



	Residential Buildings		
	GHG Emissions Change (Compared to 2006 Baseline Year)		
Year	Electricity	Fossil Gas	Total
2025 (Actual)	-53%	-18%	-33%
2025 (Goal)	-65%	-25%	-45%
2030 (Goal)	Carbon-Neutral	-50%	-75%
2035 (Goal)	Carbon-Neutral	-85%	-92%
2040 (Goal)	Carbon-Neutral	-95%	-97%
2045 (Goal)	Carbon-Neutral	-97%	-99%
2050 (Goal)	Carbon-Neutral	Carbon-Neutral	Carbon-Neutral

Utility Residential Conservation Improvement Programs

CenterPoint Energy and Xcel Energy's portfolio of Conservation Improvement Programs continued to help Minneapolis residents conserve energy, save on utility bills, and improve the comfort and safety of their homes. On the gas side, CenterPoint Energy's Efficiency Programs & Rebates spending amounted to over $5.5 million including over $3.7 million in customer rebates, to assist nearly 40,000 Minneapolis residents save nearly 921,000 therms of natural gas and over $930,000 on their annual gas utility bills in 2025 (calculation does not include income-qualifying or multi-family program participants).

Home Energy Squad

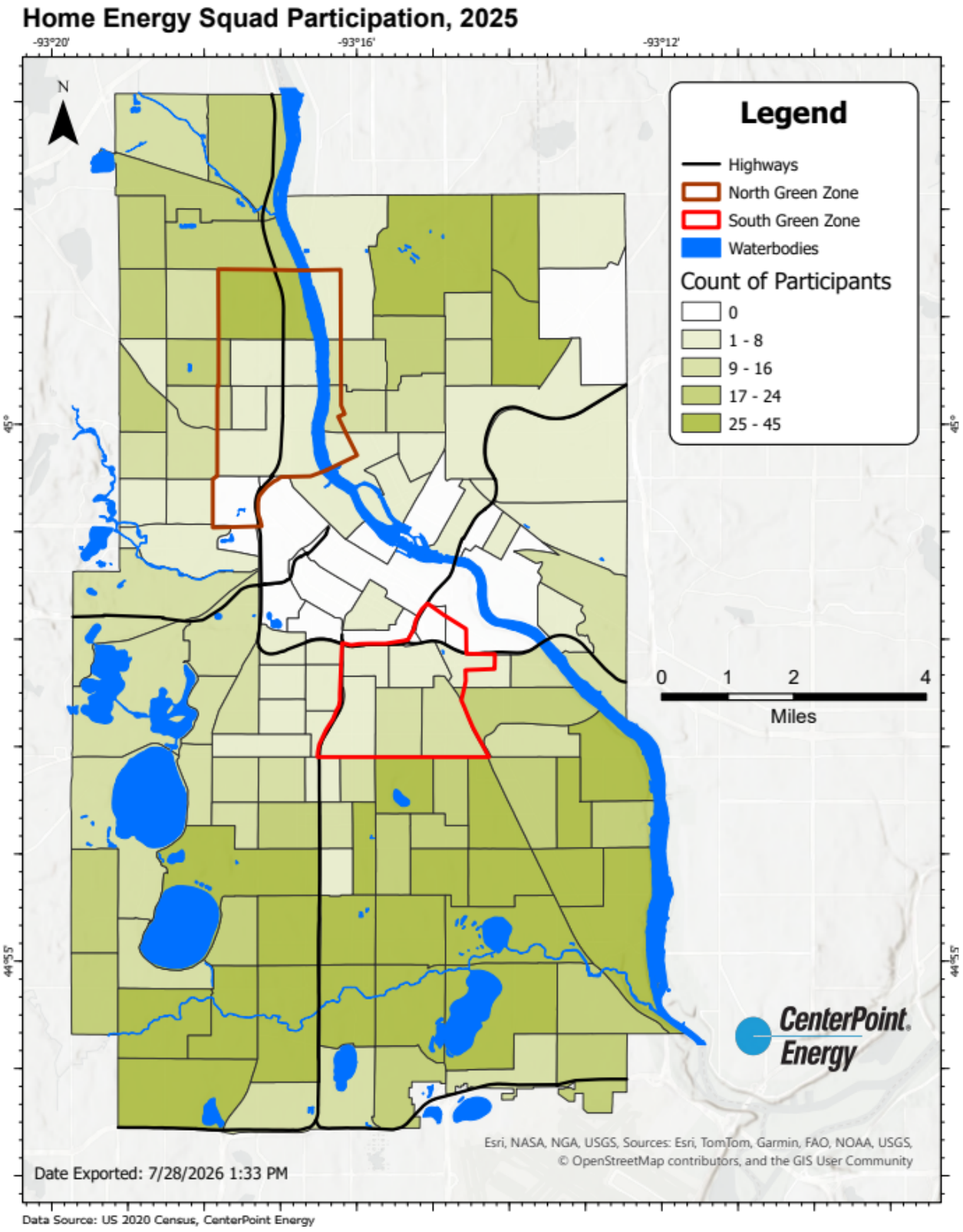
Home Energy Squad (HES) is a joint program offered by Xcel Energy and CenterPoint Energy to help residential customers identify energy efficiency opportunities via a home energy assessment.

	Home Energy Squad Program	2021	2022	2023	2024	2025
3i	*Home Energy Squad* participation	1,716	1,211	1,308	1,875	1,745
3j	*Home Energy Squad* annual energy savings (kBtu)	9,142,821	9,025,671	9,613,495	10,865,155	8,650,932
3k	*Home Energy Squad* estimated annual energy cost savings	$ 111,712	$ 208,326	$ 259,094	$250,162	$217,344
3l	Residences (1-4 unit) annually served by HES	1.9%	1.3%	1.5%	2.1%	1.9%

In 2025, 1,745 HES visits were completed in Minneapolis. The following table describes HES participant characteristics of these visits:

2025 Minneapolis Home Energy Squad Visits	Number	Percent of Total
Total HES Visits	1,745	100%
Visits at owner-occupied homes	1,503	80%
Visits at renter-occupied homes	242	13%
Visits at single family residences	1,472	79%
No-cost visits for low-income customers	119	6%
Received wall insulation recommendation	668	36%
Received attic insulation recommendation	1,122	60%
Received air sealing recommendation	728	39%

The following map shows the distribution of Home Energy Squad visits across Minneapolis in 2025.



Home Energy Squad-driven loans

The Center for Energy and Environment's Home Loans Programs offers low-interest loans for home energy efficiency improvements. In 2025, Minneapolis residents financed 7 high-efficiency heating systems, 13 home insulation projects, and 19 high-efficiency air conditioning projects. The City of Minneapolis offered 0% interest loans to 32 of the projects. The EZ Pay On-Bill Loan program funded 9 of these projects. A few factors contributed to decreased overall numbers, including an income cap added to MHFA energy loans for solar projects.

	Energy Efficiency Loans	2021	2022	2023	2024	2025
3m	HES-driven energy efficiency loan count	82	88	70	170	42
3n	HES-driven value of loans	$ 807,610	$1,275,747	$985,731	$2,320,919	$518,612

Air Sealing & Insulation Rebates

CenterPoint Energy offers rebates for residential air sealing and insulation upgrades. Insulation and air sealing improvements are among the greatest opportunities for energy savings in homes, with most of the energy savings coming from reduced heating loads in the winter. The energy savings potential is particularly high for older homes that may have little, or even no, insulation in the walls and attic. Compared to 2024, the number of participating customers increased—energy savings was less due to a higher number of attic insulation projects which have lower per project energy savings as compared to wall insulation.

Home insulation rebated projects in Minneapolis averaged approximately 267 therms of estimated annual energy savings per project, or almost 34% of weather-normalized natural gas use per Minneapolis residential customer.

	Air Sealing & Insulation (ASI) Rebates	2021	2022	2023	2024	2025
3o	ASI participating customers	400	380	414	572	600
3p	ASI estimated annual energy savings (therms)	127,160	115,130	138,207	198,190	160,094
3q	ASI estimated annual cost savings	$ 111,897	$ 128,372	$ 146,776	$202,134	$161,781
3r	ASI rebate dollars spent	$231,400	$218,800	$243,700	$930,450	$985,750

In 2025, 600 Minneapolis residences received an air sealing and insulation rebate.

	City of Minneapolis 0% Interest Loans for Air Sealing & Insulation (ASI) Rebates	2021	2022	2023	2024	2025
3kk	ASI participating customers	400	380	414	572	600
3ll	0% City Loans for ASI	56	44	29	33	33
3mm	Participating ASI customers who received 0% City Loans	14%	12%	7%	6%	6%

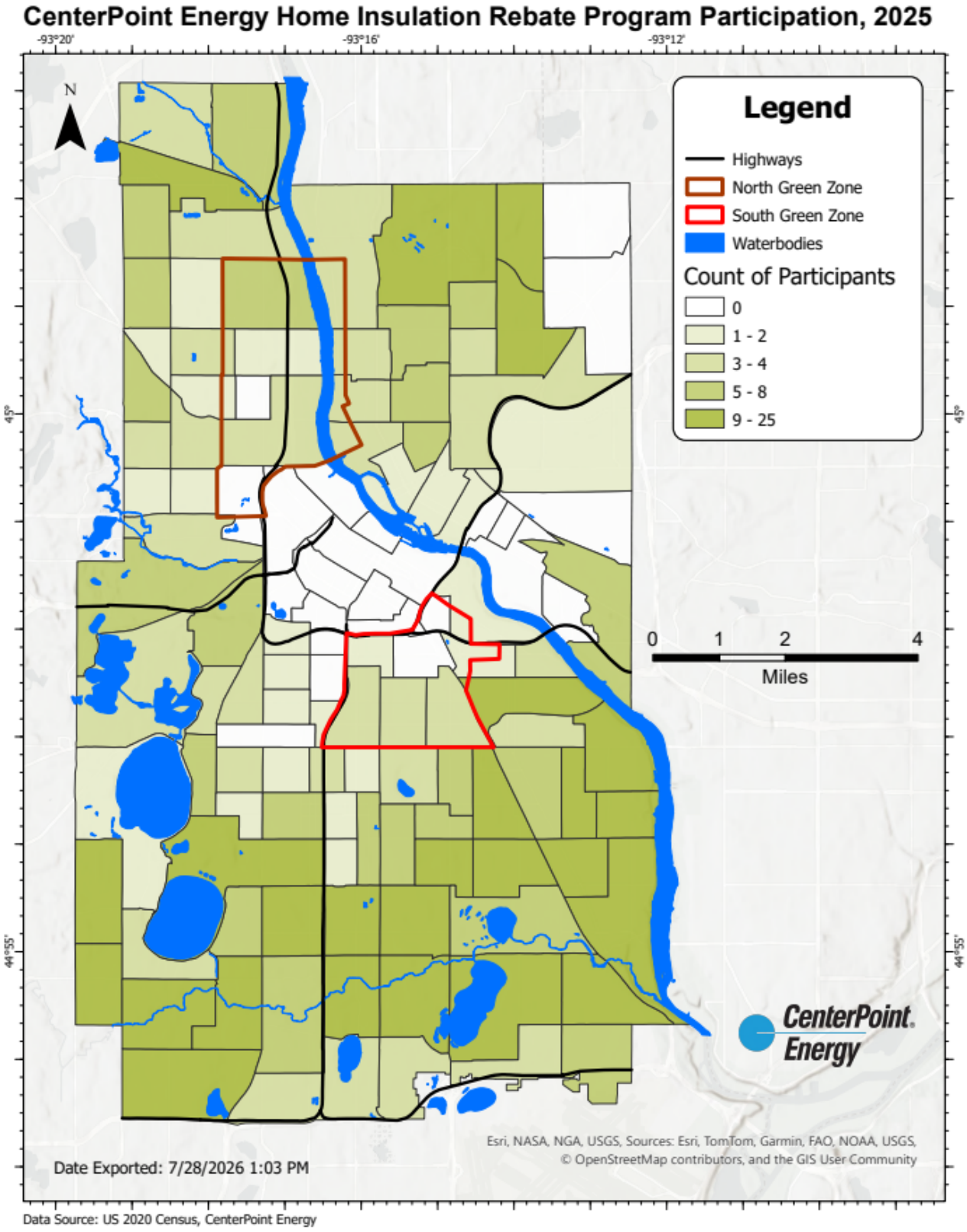
	Instant Rebates for Air Sealing & Insulation (ASI) Rebates	2021	2022	2023	2024	2025
3nn	ASI participating customers	400	380	414	572	600
3oo	ASI Instant Rebates for ASI	10	26	65	130	101
3pp	Participating ASI customers who received Instant Rebates	2.5%	6.8%	15.7%	22.7%	16.8%

Of the 600 rebated insulation projects, 2.2% (13) received 0% interest loans provided by the City of Minneapolis in collaboration with the Center for Energy and Environment. Nearly 17% (101) received a CenterPoint Energy Instant Rebate (a rebate amount that is deducted directly from the installer invoice) a result, in part, of more installers offering the Instant Rebates to their customers.

ASI Measures in Minneapolis		2022	2023	2024	2025
3qq	Air Sealing + Attic Insulation	288	344	462	472
3rr	Wall Insulation	136	131	224	238

And of the 600 rebated insulation projects, 19 received all measures (air sealing and insulation in attic, wall, and rim joist). 472 attic air sealing and attic insulation rebates were paid, while 238 wall insulation ones were. In many cases these measures were combined with other ASI measures. CenterPoint does not rebate stand-alone attic insulation projects; attic insulation must be combined with air sealing.

The following map shows the distribution of CenterPoint Energy's home insulation rebates across Minneapolis in 2025.



Income-Qualifying Conservation Improvement Programs

CenterPoint Energy and Xcel Energy offer energy conservation services for low-income customers, including specifically designed opportunities for homeowners, renters, multi-family building owners, and affordable housing organizations.

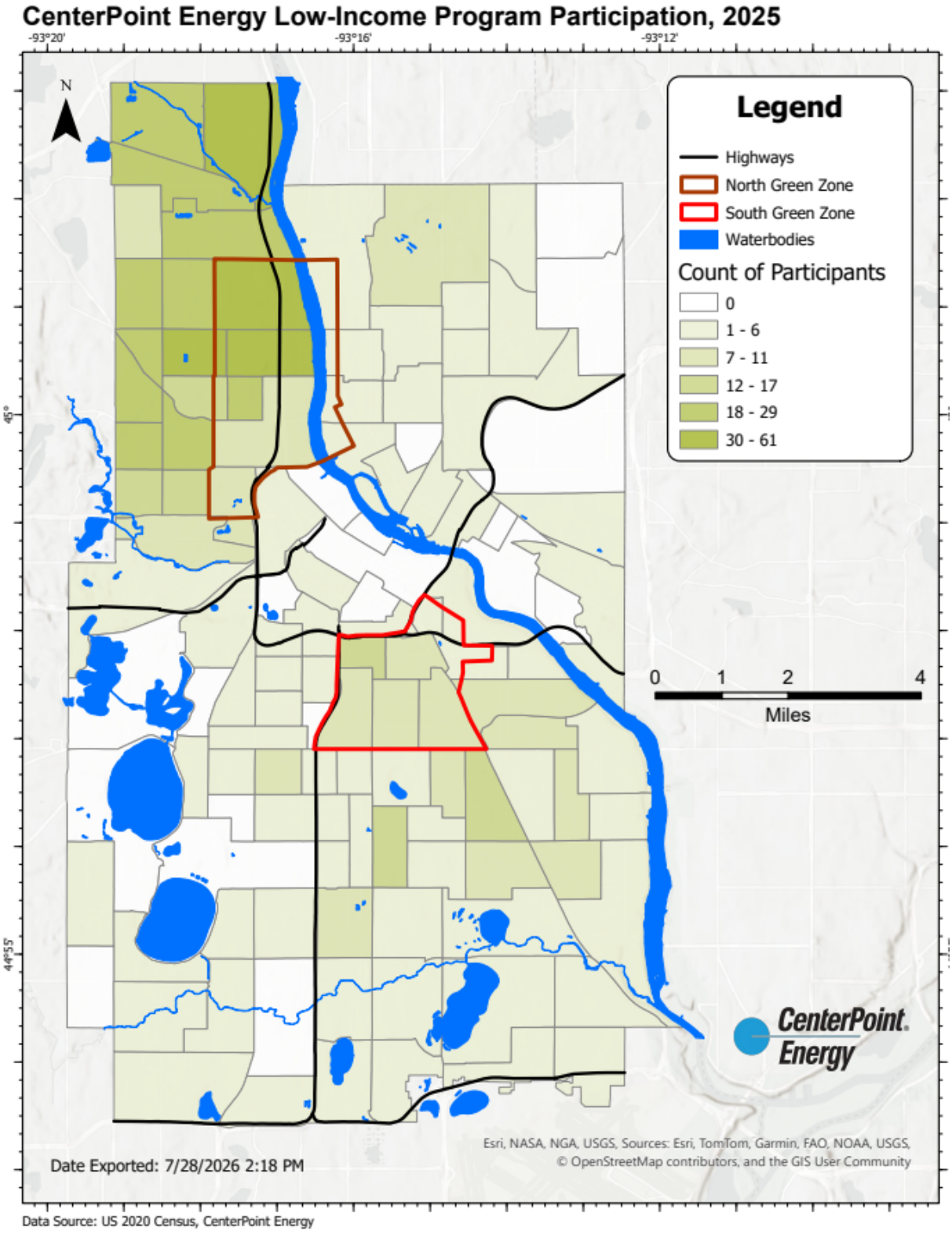
	Income-Qualifying Energy Efficiency Programs	2021	2022	2023	2024	2025
3s	Low-income CIP program participants	469	733	588	1118	935
3t	Low-income CIP dollars spent	$ 1,329,301	$ 1,772,231	$ 2,474,951	$ 3,314,445	$ 4,227,371
3u	Low-income CIP est. energy savings (therms/yr)	130,000	77,237	91,039	124,477	160,570
3v	Low-income CIP est. annual cost savings	$ 98,615	$ 84,891	$ 90,876	$ 117,722	$ 153,986
3w	Low-income CIP program participants	527	864	724	595	664
3x	Low-income CIP dollars spent	$ 432,343	$ 929,020	$ 353,545	$ 315,470	$335,268
3y	Low-income CIP est. energy savings (kWh/yr)	363,104	670,458	316,172	244,600	239,606
3z	Low-income CIP est. annual cost savings	$ 53,141	$ 102,037	$ 56,911	$ 42,316	$41,452
3aa	Weatherization Assistance Program (WAP) visits	219	233	261	288	315
3bb	WAP dollars spent	$ 1,042,324	$ 2,348,062	$ 2,263,617	$ 2,539,504	$ 2,598,679

	Energy Cost Assistance Programs	2021	2022	2023	2024	2025
3cc	Gas Affordability bill pay assistance Participants	2,811	1,689	1,588	3,406	5,108
3dd	Gas Affordability bill pay assistance total spent	$ 711,091	$ 1,247,432	$ 855,476	$ 1,869,856	$ 2,803,143
3ee	PowerON participants	2,792	2,645	2,776	3,414	4,091
3ff	PowerON total spent	$ 1,533,997	$ 1,384,421	$ 1,646,421	$ 2,294,558	$ 2,785,438
3gg	Discount Program participants*	5,182	4,820	4,863	4,745	5,239
3hh	Discount Program total spent	$ 967,321	$ 928,893	$ 822,834	$ 795,088	$ 843,642
3ii	Medical Affordability Program participants	156	150	162	143	198
3jj	Medical Affordability Program total spent	$ 121,418	$ 119,711	$ 124,141	$ 170,775	$ 180,095

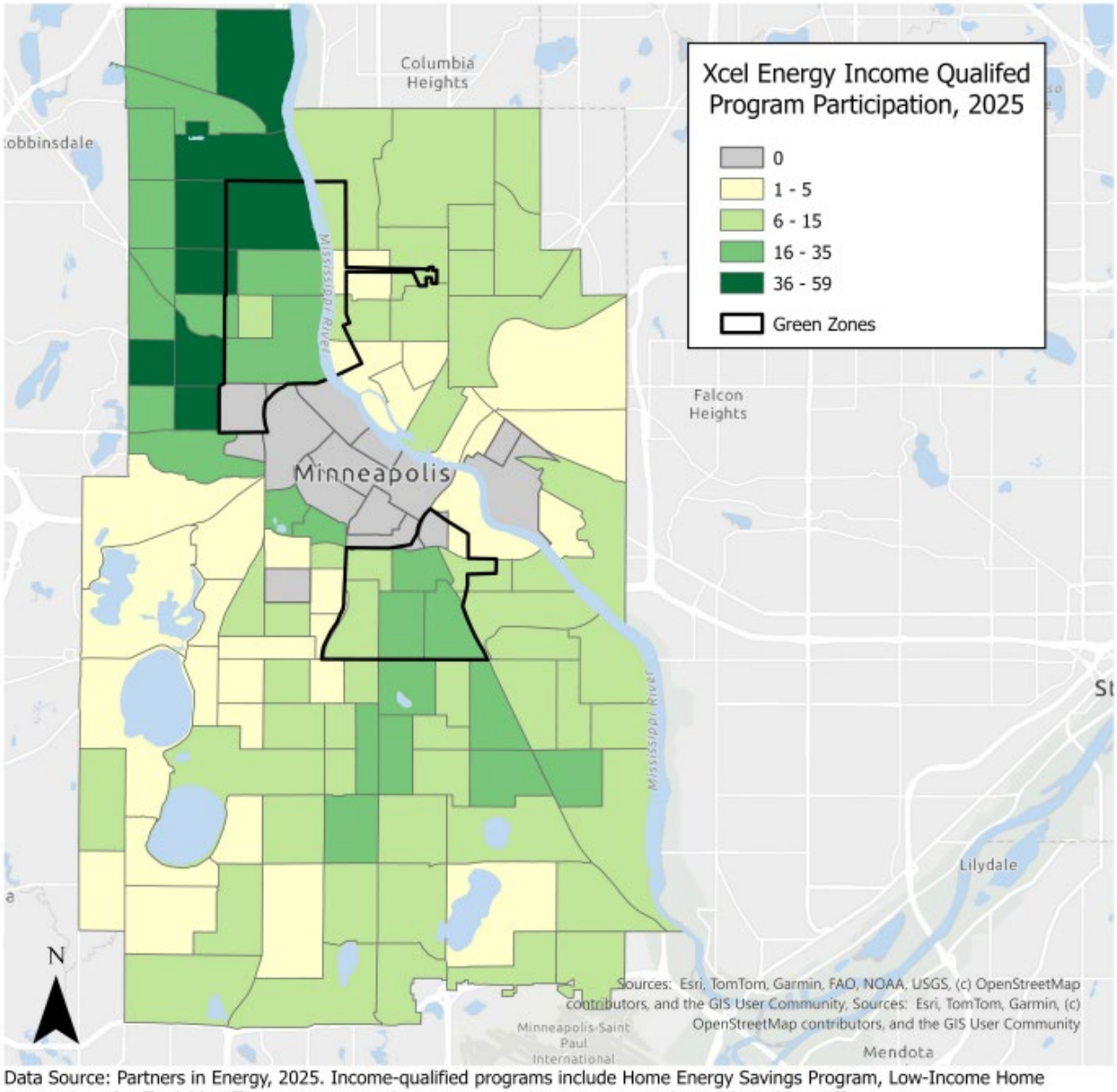
In 2025, CenterPoint Energy's Income-Qualified Programs and Gas Affordability Program directed over $6.1 million to help qualifying customers in Minneapolis reduce their energy costs and improve the efficiency, comfort and safety of their homes. In 2025, the first full year of automatic enrollments in Gas Affordability Program—based on EAP—have contributed to higher numbers, in relation to GAP measurement in 2024. Overall LI participant numbers show a decrease in 2025 over 2024—however, the number of projects energy savings have increased as customers who previously received audits completed energy efficiency measures. This was driven by an increase in LI rental efficiency program participations.

Xcel Energy's Energy Assistance Options include access to the Power-On Program, Senior Discount, and Medical Affordability Program as well as Income Qualified Energy Efficiency programs such as Home Energy Savings, Low Income Home Energy Squad, and Multi-Family Energy Services Program. In total, these programs reached over 14,636 Minneapolis customers providing over $6.1 million in assistance and energy efficiency options in 2025.

The following map shows the participation distribution of CenterPoint Energy income-qualified energy efficiency services, including Low Income Weatherization, Low Income Rental Efficiency, Stay Safe Stay Warm, Non-Profit Affordable Housing Rebates, and Low Income Multi Family Building Efficiency received across Minneapolis in 2025.



The following map shows the distribution of Xcel Energy's income-qualified energy efficiency services received across Minneapolis in 2025 including the Home Energy Savings and Low Income Multi-Family programs.

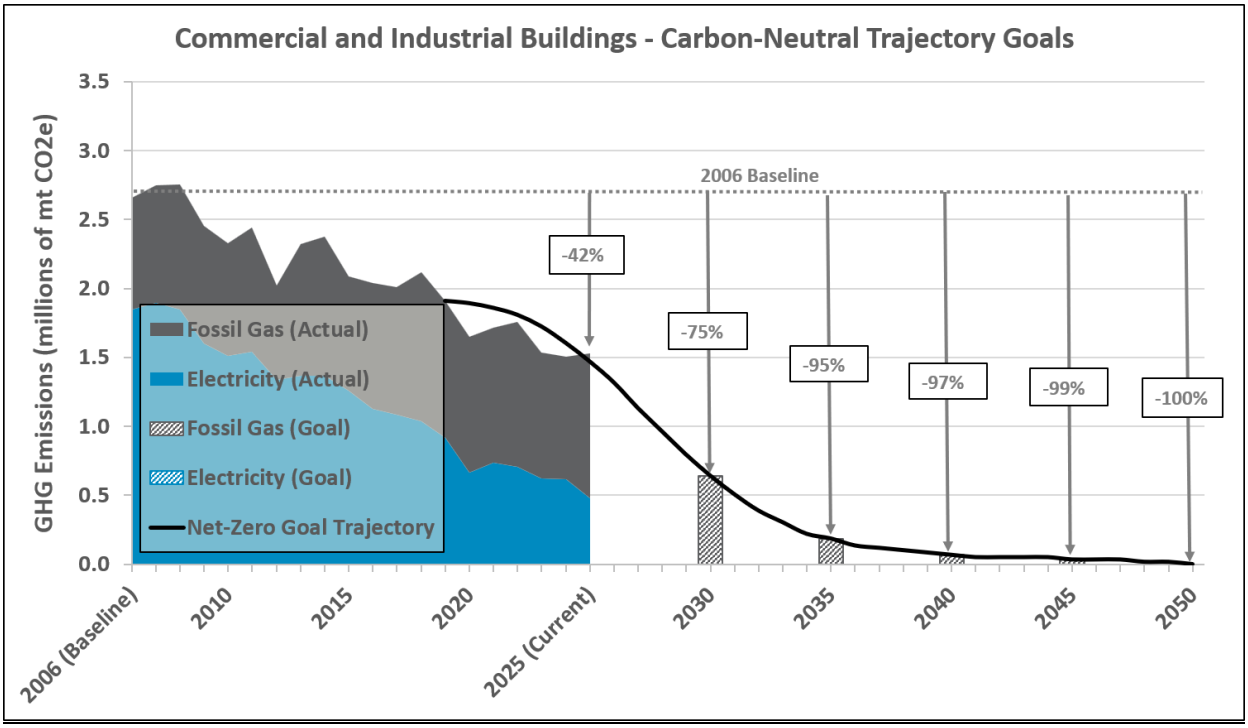


Data Source: Partners in Energy, 2025. Income-qualified programs include Home Energy Savings Program, Low-Income Home Energy Squad, Affordable Efficient New Home Construction, and Low Income Multi-Family Building Efficiency

Metric 4 Supporting Data: Greenhouse Gas Emissions (Commercial and Industrial)

Metric		2021	2022	2023	2024	2025
4	GHG Emissions (mt CO2e)	1,715,856	1,758,011	1,537,302	1,501,984	1,528,387
	Change compared to 2006 baseline	-35%	-34%	-42%	-43%	-42%

Commercial/Industrial Energy Use		2021	2022	2023	2024	2025
4a	Electricity use - Commercial (MWh)	2,609,754	2,579,411	2,540,462	2,809,095	2,105,125
4b	Electricity use - Industrial (MWh)					
4c	Electricity GHG emissions (mt CO2e)	735,188	703,824	623,509	616,152	478,671
4d	Electricity GHG emissions (change compared to 2006 baseline)	-60%	-62%	-66%	-67%	-74%
4e	Gas use - Commercial (therms)	142,385,636	161,950,758	151,969,567	134,623,113	145,103,914
4f	Gas use - Industrial (therms)	36,584,522	30,436,225	14,795,886	27,039,574	46,467,227
4g	Gas GHG Emissions (mt CO2e)	980,669	1,054,187	913,793	885,832	1,049,716
4h	Gas GHG Emissions (change compared to 2006 baseline)	21%	30%	13%	9%	29%
4i	Energy - Total (MMBtu)	30,652,620	31,679,823	29,045,138	29,249,205	30,098,329
4j	Energy - Total (change compared to 2006 baseline)	18%	22%	11%	12%	15%



	Commercial and Industrial Buildings		
	GHG Emissions (Change Compared to 2006 Baseline Year)		
Year	Electricity	Fossil Gas	Total
2025 (Actual)	-74%	29%	-42%
2025 (Goal)	-75%	0%	-50%
2030 (Goal)	Carbon-Neutral	-20%	-75%
2035 (Goal)	Carbon-Neutral	-75%	-95%
2040 (Goal)	Carbon-Neutral	-92%	-97%
2045 (Goal)	Carbon-Neutral	-96%	-99%
2050 (Goal)	Carbon-Neutral	Carbon-Neutral	Carbon-Neutral

Utility Commercial/Industrial Conservation Improvement Programs

CenterPoint Energy and Xcel Energy offer a variety of energy efficiency programs to their commercial and industrial customers throughout Minneapolis. These programs offer rebates, consultive services and other funding support to engage customers in energy efficiency opportunities that range from full process and systematic improvements to specific end use measure installations such as heating, cooling, lighting, food service equipment, and motors.

In 2025, CenterPoint Energy's Commercial and Industrial Efficiency Programs & Rebates spending amounted to nearly $2 million, including nearly $1.7 million in rebates, to help 555 business customers reduce natural gas use by nearly 3.8 million therms and save businesses over $2.6 million in annual energy costs. This year's results in comparison to last year's are influenced by 2024's Abbott Northwestern project (as noted in last year's annual report). However, when removing this project from the comparison, energy savings increased in 2025 over 2024.

Xcel Energy's Business Programs & Rebates provided rebates to Minneapolis businesses in 2025 totaling over $6.3 million that reduced energy consumption 60,955MWh, saving businesses more than $8 million in energy costs.

	Commercial/Industrial Conservation Improvement Programs	2021	2022	2023	2024	2025
4k	Energy efficiency program participation (customers)	559	610	602	570	555
4l	Energy efficiency program participation (rebates)	5,517	8,132	3,824	4,386	8,802
4m	Rebate dollars spent	$ 1,149,521	$ 1,019,212	$ 913,193	$ 2,031,273	$ 1,683,987
4n	Estimated annual energy savings (therms)	3,492,350	5,498,793	2,536,010	5,436,863	3,792,246
4o	Estimated annual cost savings	$ 2,150,642	$ 3,259,912	$ 1,513,817	$ 3,901,675	$ 2,639,758
4p	Energy efficiency program participation (customers)	1168	2120	1,881	1,688	1,817
4q	Energy efficiency program participation (rebates)	1478	2656	1,459	1,368	1,637
4r	Rebate dollars spent	$ 7,975,714	$ 6,000,285	$ 6,889,101	$ 5,560,292	$ 6,357,881
4s	Estimated annual energy savings (kWh)	74,851,048	58,547,625	64,921,402	44,255,389	60,955,101
4t	Estimated annual cost savings	$ 4,491,063	$ 3,678,635	$ 8,439,782	$ 5,841,711	$ 8,046,073

Multi-Family Building Conservation Improvement Programs

Multi-Family energy efficiency programs are offered by both CenterPoint Energy and Xcel Energy, including the jointly offered Multi-Family Building Efficiency program and Energy Design Assistance program.

	Multi-Family Building Conservation Improvement Programs	2021	2022	2023	2024	2025
4u	Multi-family programs participants	242	236	316	335	268
4v	Multi-family programs estimated annual energy savings (Therms)	966,254	599,083	663,340	500,917	398,222
4w	Multi-family programs estimated annual cost savings	$ 622,663	$ 385,607	$ 421,672	$ 392,218	$ 313,074
4x	Multi-family programs rebate dollars spent	$ 461,448	$ 273,389	$ 378,016	$ 550,002	$ 276,009
4y	Multi-family programs participants	100	250	326	183	170
4z	Multi-family programs estimated annual energy savings (kWh)	2,346,532	6,786,000	2,062,376	770,161	718,986
4aa	Multi-family programs estimated annual cost savings	$ 146,769	$ 1,032,761	$ 268,109	$ 101,661	$ 94,906
4bb	Multi-family programs rebate dollars spent	$ 385,467	$ 626,534	$ 333,926	$ 351,590	$ 243,256

In 2025, multifamily buildings received over $276,000 in CenterPoint Energy rebates for natural gas efficiency measures that will save customers over $313,000 in gas costs a year.

In 2025, the multi-family buildings Xcel Energy serves received over $243,000 in rebates for installed electric measures, saving an estimated $718,986 per year.

Energy Design Assistance

The Energy Design Assistance (EDA) program partners Xcel Energy and CenterPoint Energy in offering design consultation, energy modeling services, and financial incentives to building owners, architects, and engineers to incorporate energy-efficient systems and equipment in the design of new construction and/or renovations. In 2025, incentives from this joint utility offering totaled almost $900,000.

These projects are a combination of schools, multifamily and other construction. Numbers this year were influenced by the new construction commercial market trending downward in comparison to last year.

	Energy Design Assistance Program	2020	2021	2022	2023	2024	2025
4cc	*Energy Design Assistance* program participation	38	34	22	26	18	8
4dd	*Energy Design Assistance* estimated annual energy savings (therms)	844,130	746,110	407,550	409,830	297,493	190,320
4ee	*Energy Design Assistance* rebate dollars spent	$ 313,227	$ 411,836	$ 223,101	$ 232,434	$ 171,430	$ 157,402
4ff	*Energy Design Assistance* program participation (projects)	55	78	43	28	52	23
4gg	*Energy Design Assistance* estimated annual energy savings (kWh)	17,396,292	22,735,650	15,684,980	8,807,821	11,758,997	4,309,233
4hh	*Energy Design Assistance* rebate dollars spent	$ 2,487,434	$ 3,392,438	$ 2,044,748	$ 1,075,283	$ 1,726,645	$ 706,090
4ii	*Energy Design Assistance* rebate dollars spent (Total)	$ 2,800,661	$ 3,804,274	$ 2,267,849	$ 1,307,717	$ 1,898,075	$ 863,492

Metric 5 Supporting Data: Renewable Electricity (Community-wide)

Metric		2021	2022	2023	2024	2025
5	Renewable Electricity (Community-wide)	33.1%	40.6%	39.8%	39.0%	41.5%

Supporting Data		2021	2022	2023	2024	2025
5a	Grid Mix Renewable Percentage	33.1%	40.9%	40.6%	40.8%	41.4%
5b	Adjusted Grid Mix Renewable Percentage	25.8%	33.3%	31.8%	31.1%	31.6%
5c	Community-wide Electricity Consumption (MWh)	3,738,454	3,646,285	3,625,027	3,834,389	3,206,687
5d	Local Actions (MWh)	271,076	265,175	291,846	302,413	315,125
5e	Xcel Energy's *Certified Renewable Percentage*	34.3%	42.6%	41.9%	38.8%	39.4%
5f	Grid Mix Carbon-Free Percentage	60.3%	68.6%	64.2%	63.3%	68.6%

The City of Minneapolis adopted its 100% Renewable Electricity Resolution in 2018. The elements of this resolution align with the Sierra Club's Ready for 100 commitment guidelines with strong emphasis on equity and environmental justice as well as its consumption-based definition, including:

> *"the City of Minneapolis is committed to meeting its renewable electricity goals with as little reliance on purchasing Renewable Energy Credits (RECs) on the open market as possible, and will give goal preference and credit for resources exhibiting additionality regardless of REC ownership, such as community solar gardens and local solar installations"*
>
> *"Xcel Energy's current and future renewable electricity generation mix will be counted toward municipal and community-wide goals with support from the City in its efforts to transition to renewable energy throughout its service territory"*

Aligned with the Sierra Club guidance and the City's resolution, the calculation methodology adopted by the City is action-based, meaning based on the decisions by parties within the City. These parties include Xcel Energy (acting on behalf of their customers), the City's municipal operations, and the residential, commercial, and industrial electric account holders within the City. As the adopted resolution states, this methodology does not completely align with REC ownership.

Local actions by the City enterprise, residents, and businesses consist of the four programs in Metric 7 (Windsource®, Solar*Rewards (Rooftop) and Solar*Rewards Community® (community solar gardens), and Renewable*Connect) that account for local and directly purchased renewable electricity. The grid mix renewable percentage reported by Xcel Energy in their Community Energy Reports is adjusted to remove the impact of all local actions across their entire Minnesota service territory. The effect of this is that local actions are not double-counted (i.e. actions by a Minneapolis resident are only counted once and the actions of any non-Minneapolis resident in Xcel Energy territory are not counted).

The Xcel Energy renewable electricity grid mix remained relatively constant in 2025 compared to recent years, but 2020 and 2022 saw noticeable increases, as reported both in Xcel Energy's resource mix and Certified Renewable Percentage. Xcel Energy's approved

Integrated Resource Plan projects that by 2030 about 55% of its generated and purchased electricity will come from renewable energy.

Subscription consumption amounts in Xcel Energy's Renewable*Connect, Renewable*Connect Flex (formerly Windsource), and community solar garden programs have as a whole remained relatively constant with some shift from Renewable*Connect Flex to Renewable*Connect as some customers on the Renewable*Connect waitlist were able to shift into Renewable*Connect.

Metric 6 Supporting Data: Renewable Electricity (Municipal Operations)

Metric		2021	2022	2023	2024	2025
6	Renewable Electricity (Municipal Operations)	95%	100%	100%	100%	100%

Supporting Data		2021	2022	2023	2024	2025
6a	Electricity consumption (kWh)	86,780,093	91,257,659	82,721,209	78,927,308	75,759,083
6b	*Windsource* subscriptions (kWh)	-	-	-	-	-
6c	*Renewable*Connect* subscriptions (kWh)	52,374,250	55,067,935	54,674,206	51,885,415	68,919,021

The City of Minneapolis utilizes a methodology for municipal operations that first accounts for the renewable grid mix of our partner, Xcel Energy, on behalf of their customers. Second, the City adds to the grid mix our subscriptions to Xcel Energy's *Renewable*Connect* program for which the City retains renewable energy certificates (RECs). The sum of the grid mix and REC ownership shall equal 100% or greater for the City to achieve its renewable electricity goal.

Metric 7 Supporting Data: Renewable Electricity (Local and Subscriptions)

	Supporting Data	2021	2022	2023	2024	2025
7a	*Windsource / Renewable*Connect Flex* Participants	17,551	16,384	15,099	13,638	13,580
7b	*Windsource / Renewable*Connect Flex* Consumption (MWh)	70,575	74,936	91,357	86,828	77,338
7c	*Renewable*Connect* Participants	786	793	761	349	2,014
7d	*Renewable*Connect* Consumption (MWh)	50,181	44,078	43,481	48,448	67,950
7e	*Solar*Rewards Community* Subscribers (solar gardens)	5,527	5,373	5,247	5,420	5,430
7f	*Solar*Rewards Community* Subscribed Capacity (MW)	112	113	114	115	119
7g	*Solar*Rewards Community* Installed Capacity (MW) w/in City Limits	1.5	1.6	1.6	1.9	2.8
7h	*Solar*Rewards Community* Installed Generation (MWh) w/in City Limits	2,160	2,014	2,077	2,280	2,538
7i	*Solar*Rewards Community* Subscribed (MWh)	135,546	127,508	133,734	139,096	134,456
7j	*Solar*Rewards*[1] Participants	1,459	1,654	1,847	2,152	2,460
7k	*Solar*Rewards* Installed Capacity (MW)	13.41	14.87	16.35	18.54	22.59
7l	*Solar*Rewards* Generation (MWh)[2]	7,170	8,597	10,029	12,957	16,249
7m	Non-*Solar*Rewards* capacity installed in reporting year (MW)	1.5	2.0	2.6	1.5	3.8
7n	Non-*Solar*Rewards* Installed Capacity (MW)[3]	6.2	8.2	10.8	12.3	16
7o	Non-*Solar*Rewards* Generation Estimated (MWh)[4]	7,604	10,056	13,245	15,085	19,132
7p	Renewable Electricity (Distributed Local Solar)	4.0%	4.0%	4.3%	4.4%	5.3%
7q	Renewable Electricity (Utility-Scale Subscriptions)	3.2%	3.3%	3.7%	3.5%	4.5%

[1] Solar*Rewards includes Solar*Rewards and Made in MN Participants before 2020, but not Made in MN thereafter.

[2] Systems with less than 40kW AC and Non-Incentive installations may not have production meters, leading to underrepresented MWh.

[3] This is installed capacity of solar. Adding hydro would increase installed capacity by approximately 9MW in every reporting year.

[4] Estimated using a capacity factor of 0.14.

[5] 2023 Solar*Rewards Community installed capacity and generation data for Minneapolis is not currently available and will be added ASAP

Xcel Energy offers four renewable energy options to Minneapolis customers: *Renewable*Connect Flex*, *Solar*Rewards* (rooftop), *Solar*Rewards Community*®, and *Renewable*Connect*. These four programs cumulatively constitute the percentage of electricity consumed in Minneapolis from local and directly purchased sources.

Renewable*Connect Flex is a voluntary energy program that allows business and residential customers to purchase some or all of their energy from wind and solar energy sources. Minneapolis subscribers for this program support additional renewable energy investments in Minnesota. In late 2023, Windsource ceased to exist and all Windsource customers were automatically transferred into Renewable*Connect Flex (unless they opted out of this transfer). This new program operates similarly to how Windsource had, but the underlying resources are a mix of wind and solar energy.

The Renewable*Connect program offers all customers a way to benefit from renewable energy by accessing wind and solar without the need to purchase and install equipment at their property. The Renewable*Connect generation mix is approximately 78% wind and 22% solar energy with 5- and 10-year contracts. The program became available as a pilot in 2017. In late 2023, an expansion of the program was launched and a slight program modification was made. The pilot program initially offered a month-to-month option, but as part of the expansion and modification, those month-to-month customers were moved over to the Renewable*Connect Flex program. The new expansion has been filled but will be reopened as available on a priority basis. As capacity in the program opens from participants leaving, customers on the waitlist get added.

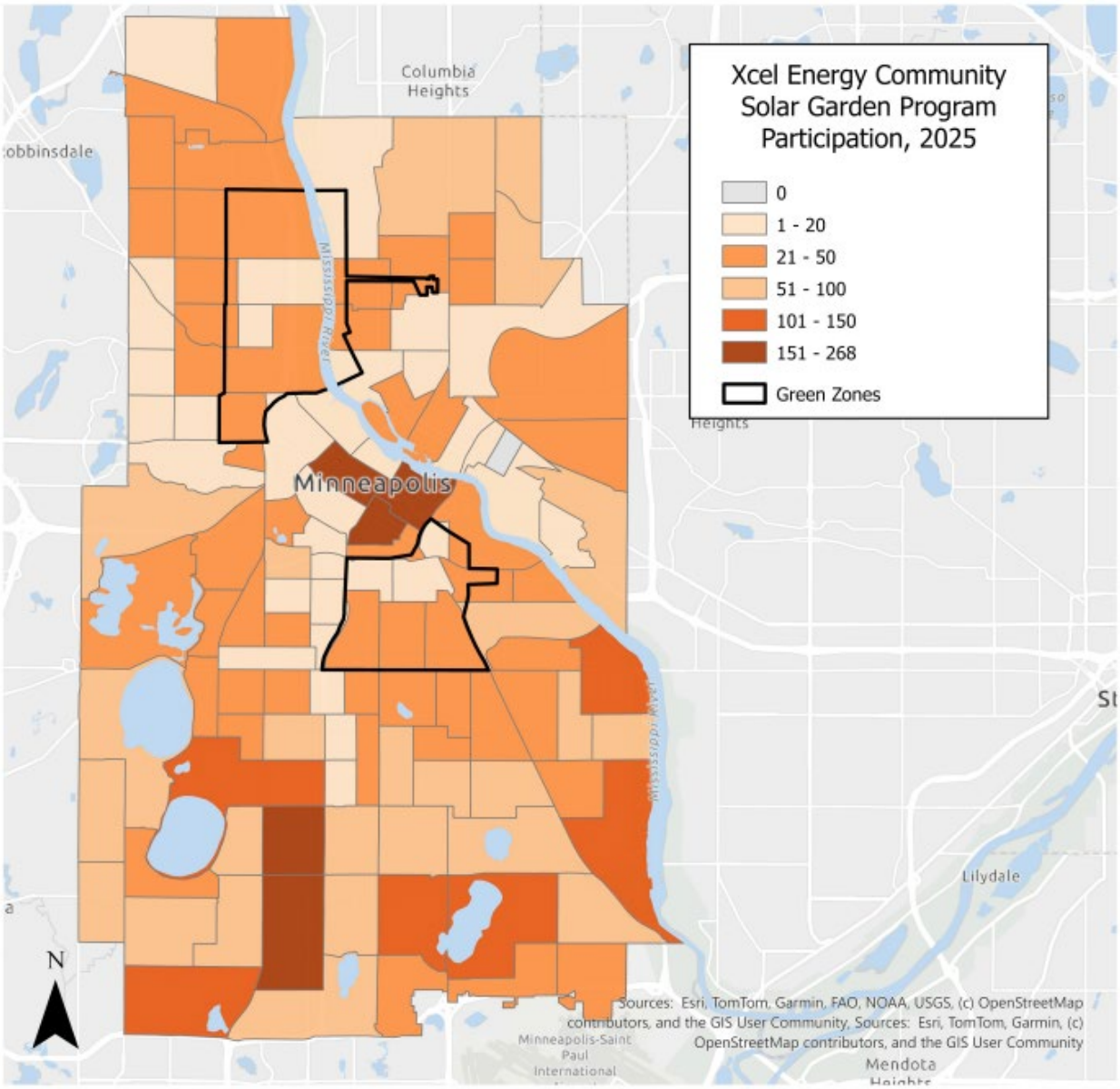
Through Solar*Rewards, individuals and organizations install solar panels on their roof so they can produce their own energy. If production exceeds use, the extra energy is added to

the grid and the customer receives a credit on their bill. Xcel Energy saw a 14% increase in installed capacity and a 5% increase in production between 2024 and 2025.

The Solar*Rewards Community program (commonly known as community solar gardens) provides residential and business customers the opportunity to participate in solar without attaching an array to their home. Subscribers to a solar garden work directly with a solar developer to access solar energy, while Xcel Energy credits the customer bill for the solar energy produced within their subscription. The Solar*Rewards Community program saw a very small increase in participation in Minneapolis between 2024 and 2025. Neither Xcel Energy or the City have significant visibility into the contractual arrangements between customers and solar developers.

Xcel Energy's green-tariffed subscription consumption amounts in 2025 modestly increased in Renewable*Connect subscriptions. The increase in Renewable*Connect subscriptions was largely due to premises moving from the Renewable*Connect waiting list into the program. In 2023 Windsource became Renewable*Connect Flex, and Xcel Energy now offers one renewable subscription program that is a mix of wind and solar with month-to-month and longer-term options. The original Renewable*Connect program remains available but is no longer promoted and has limited capacity.

The following map shows the distribution of Xcel Energy's Solar*Rewards Community program participation across Minneapolis in 2025.



Data Source: Partners in Energy, 2025.

Partnership MOU Data

From the Xcel Energy - City of Minneapolis MOU:

Xcel Energy's Partnership MOU Commitments

GHG Emissions Reductions		2021	2022	2023	2024	2025
X1	Electricity GHG Emissions (mt CO2e)	1,046,099	987,981	887,421	836,476	729,007
	Change compared to 2006 baseline	-56%	-58%	-63%	-65%	-69%
Electric System Reliability		**2021**	**2022**	**2023**	**2024**	**2025**
A11	Minneapolis ASAI - Average Service Availability Index (% of time)	-	-	-	99.987%	99.980%
A12	MN ASAI - Average Service Availability Index (% of time)	-	99.983%	99.984%	99.979%	99.980%
A13	Minneapolis SAIDI - System Average Interruption Duration Index (mins)	-	-	-	68.30	85.80
A14	MN SAIDI - System Average Interruption Duration Index (mins)	88.99	90	86.4	110.04	117.16
A15	Minneapolis SAIFI - System Average Interruption Frequency Index (# per customer)	-	-	-	0.93	0.83
A16	MN SAIFI - System Average Interruption Frequency Index (# per customer)	0.92	0.86	0.85	1.08	1.12
A17	Minneapolis CEMI - Customers Experiencing Multiple Interruptions (% of customers)	-	-	-	0.85%	0.71%
A18	MN CEMI - Customers Experiencing Multiple Interruptions (% of customers)	0.67%	0.79%	0.76%	2.25%	2.44%
A19	Minneapolis CELI - Customers Experiencing Lengthy Interruptions (% of customers)	-	-	-	9.15%	3.41%
A20	MN CELI - Customers Experiencing Lengthy Interruptions (% of customers)	1.16%	4.24%	3.24%	5.72%	5.80%
A21	Minneapolis CAIDI - Customer Average Interruption Duration Index (mins)	-	-	-	73.63	103.14
A22	MN CAIDI - Customer Average Interruption Duration Index (mins)	96.26	104.05	101.56	101.95	104.93

From the CenterPoint Energy - City of Minneapolis MOU:

CenterPoint Energy's Partnership MOU Commitments

GHG Emissions Reductions		2021	2022	2023	2024	2025
A23	Gas Consumptions (therms) - normalized [1]	252,917,558	268,471,450	269,153,905	242,090,165	251,159,823
A24	Gas GHG Emissions (mt CO_2e)	1,341,985	1,424,514	1,428,135	1,284,534	1,332,658
A25	Change compared to 2021 baseline	0%	6%	6%	-4%	-1%
ECO Energy Savings		**2021**	**2022**	**2023**	**2024**	**2025**
A26	Minneapolis (actual)	1.39%	2.24%	1.44%	2.78%	1.89%
A27	MN (actual)	1.26%	1.35%	1.35%	1.29%	1.35%
A28	MN (plan) [2,3]	1.23%	1.26%	1.28%	1.27%	1.30%
ECO Low-Income Assistance Spending		**2021**	**2022**	**2023**	**2024**	**2025**
A29	Minneapolis (actual)	1.39%	1.29%	2.59%	3.38%	3.36%
A30	MN (actual)	0.80%	0.98%	1.15%	1.42%	1.68%
A31	MN (plan)	0.79%	1.02%	1.18%	1.15%	1.38%

[1] Electricity generation removed. Residential and commercial gas consumption is weather-normalized based on usage per customer per f

[2] Planned energy savings decrease in 2024 because of energy savings cuts related to improving codes and standards.

[3] A utility's financial incentive starts at 0.7% and minimum goal by law is 1.0%

Utility Franchise Fee Data

Supporting Data		2021	2022	2023	2024	2025
A1	Franchise Fees (Electricity)	$22,100,000	$25,500,000	$25,600,000	$29,400,000	$28,600,000
A2	Franchise Fees (Gas)	$8,500,000	$12,600,000	$11,700,000	$12,400,000	$16,100,000
A3	Franchise Fees (Total)	$30,600,000	$38,100,000	$37,300,000	$41,800,000	$44,700,000
A4	Xcel Revenue from Mpls Sales (excl. franchise fees)	$413,000,000	$485,000,000	$489,000,000	$442,000,000	$428,000,000
A5	CenterPoint Revenue from Mpls Sales (excl. franchise fees)	$171,000,000	$251,000,000	$248,000,000	$181,000,000	$233,000,000
A6	Total Revenue from Mpls Sales (excl. franchise fees)	$584,000,000	$736,000,000	$737,000,000	$623,000,000	$661,000,000