

2024 Fossil Fuel Pollution (GHG) Inventory 2025 Action Agenda Update

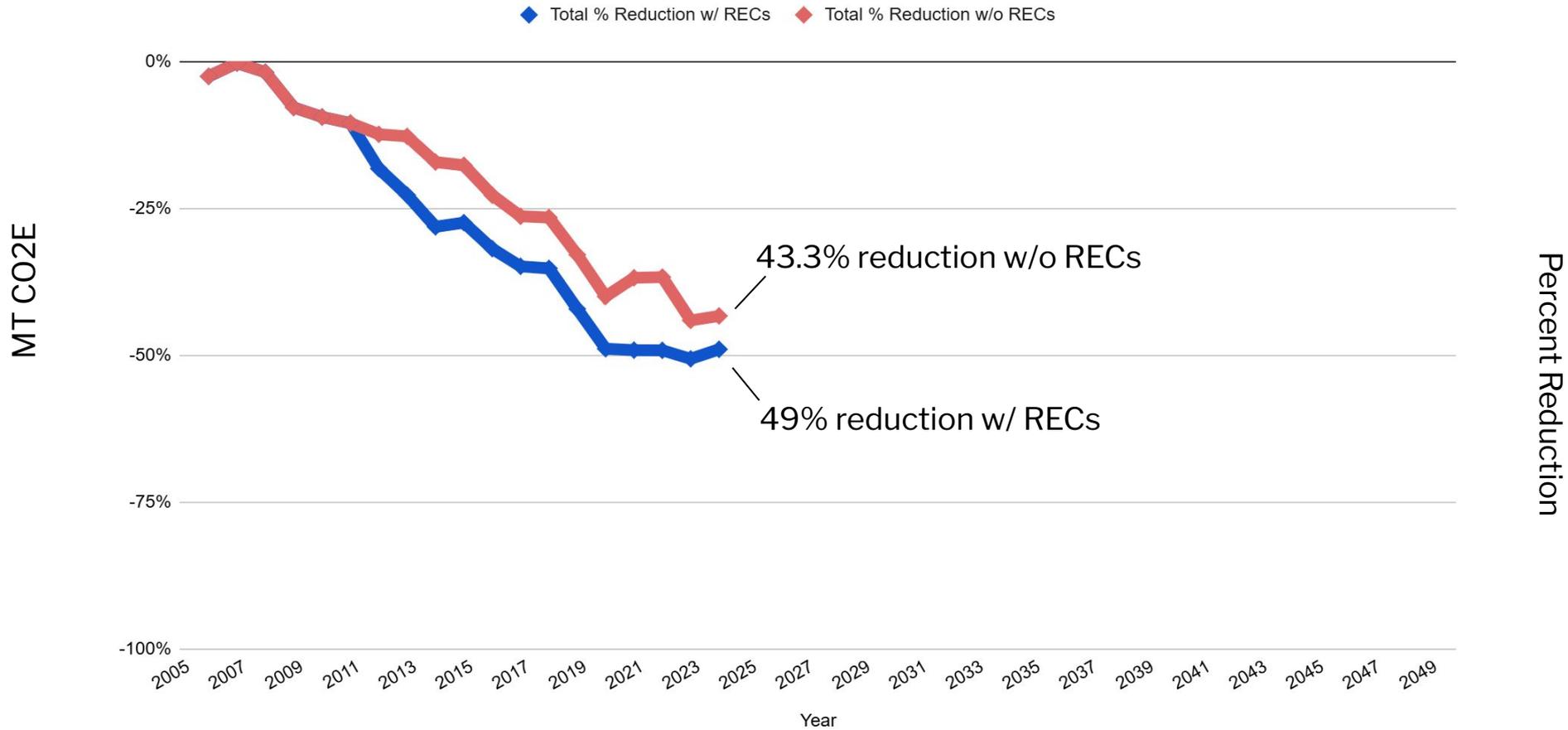


City Council
Cara Pratt & Kirsten Drehobl Vega

October 27, 2025

Fossil Fuel Pollution Reduction in Evanston from 2005-2024

Total % Reduction w/ RECs and Total % Reduction w/o RECs



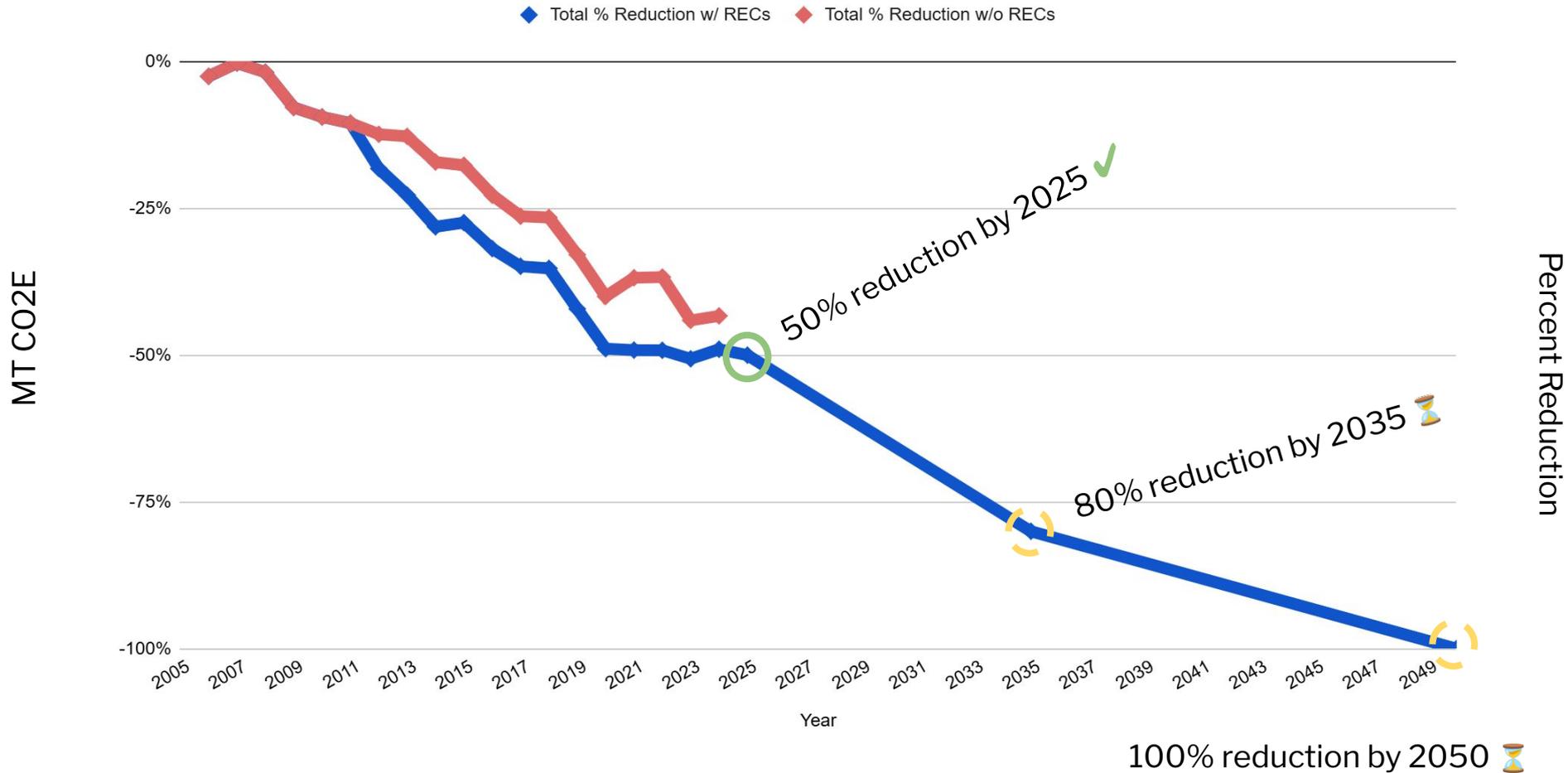
Data Sources: ComEd, Nicor Gas, Chicago Metropolitan Agency for Planning, Metropolitan Water Reclamation District of Greater Chicago, City of Evanston, Northwestern University, Waste Haulers

Emissions Factors Source: Environmental Protection Agency



Fossil Fuel Pollution Reduction Targets in Evanston through 2050

Total % Reduction w/ RECs and Total % Reduction w/o RECs



The goal of reducing emissions by 50% from the 2005 baseline by 2025 has been met, in part, through purchasing Renewable Energy Certificates (RECs).

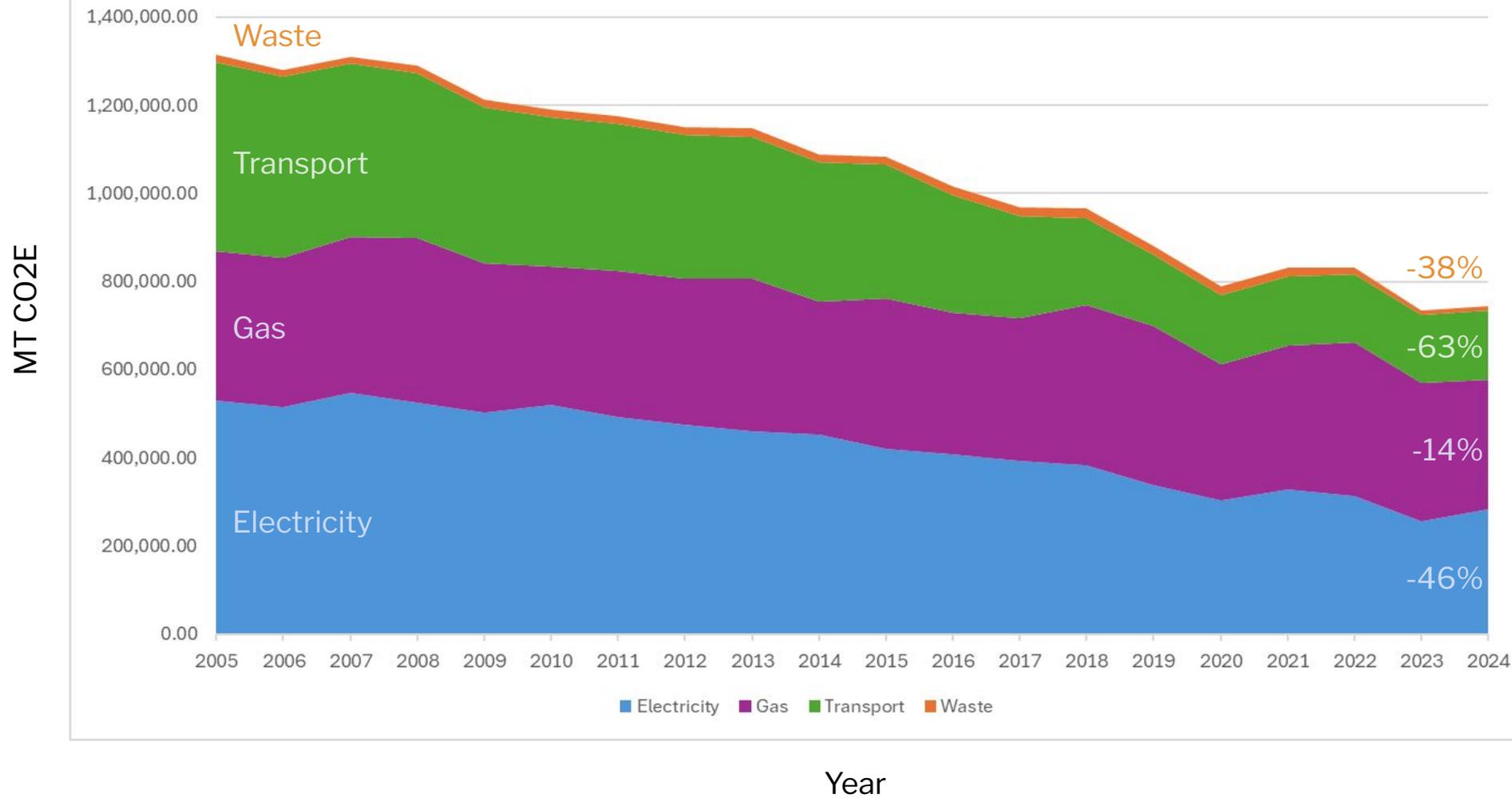
Baseline, Present, Future Emissions Scenarios

YEAR	EMISSIONS (MTCO2e)	TOTAL % REDUCTION W/ RECs	TOTAL % REDUCTION W/O RECs
2005 Baseline	1,313,709.9	0%	0%
2022 Data	667,807.4	49.2%	36.7%
2023 Data	648,697.9	50.6% ✓	44.1%
2024 Data	670,397.7	49%	43.3%
2025 Goal	656,855	50%	N/A
2035 Goal	262,742	80%	N/A
2050 Goal	0	100%	N/A



Though the 50% emissions reduction goal was met in 2023, emissions were slightly higher in 2024. Staff will continue to evaluate progress towards all goals annually.

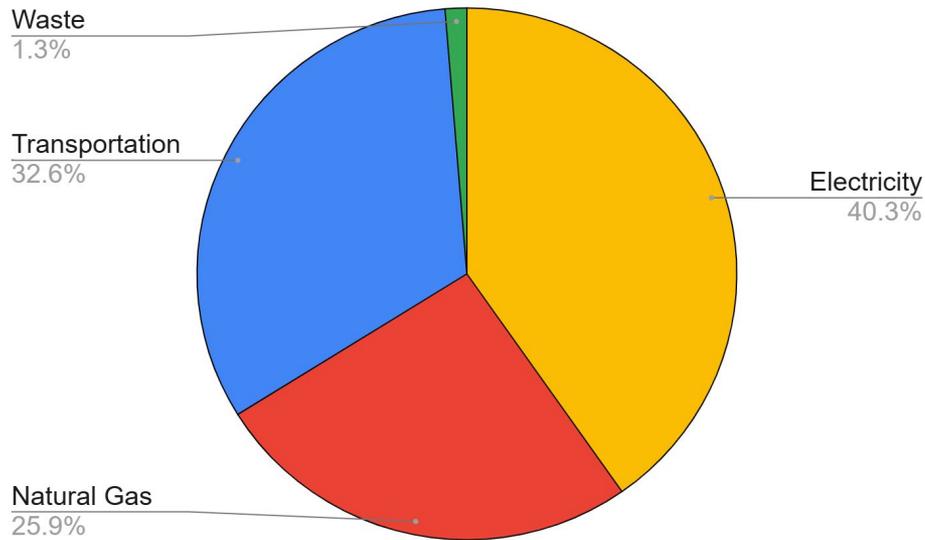
Fossil Fuel Pollution Reduction Over Time by Sector



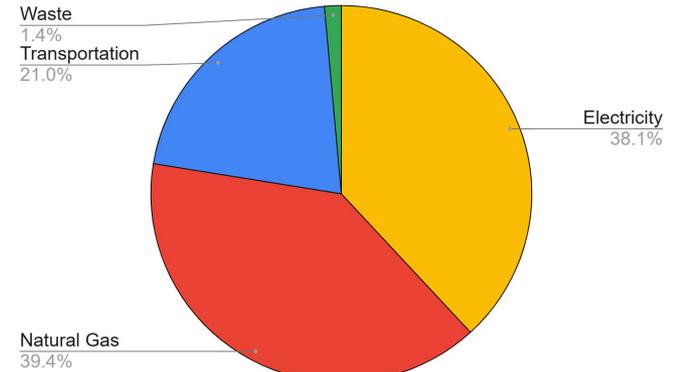
The community has reduced emissions in all sectors, but there is more progress in some sectors than others.

Share of Emissions

2005



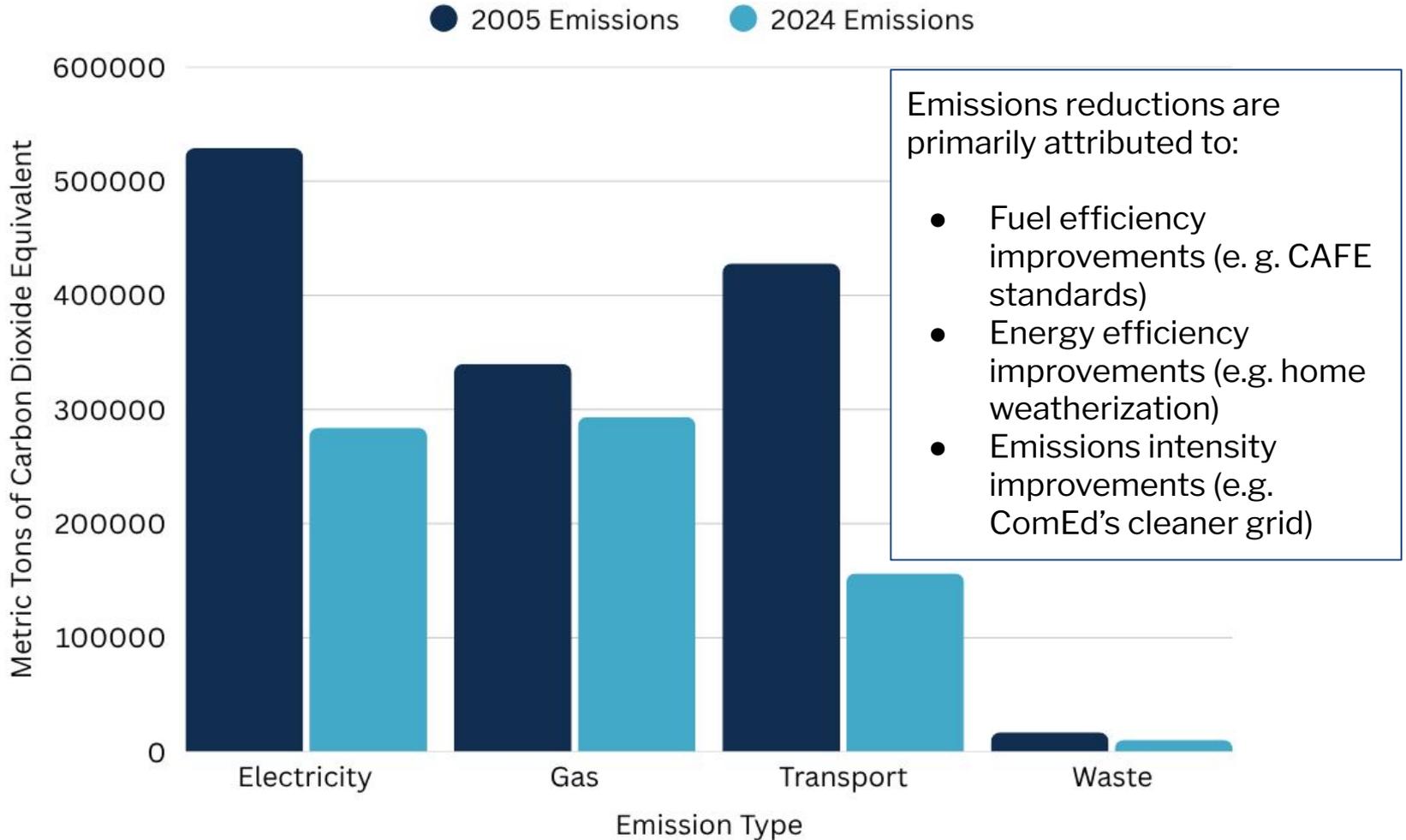
2024



The “pie” of communitywide emissions is shrinking, and the size of “pie pieces” is changing over time.

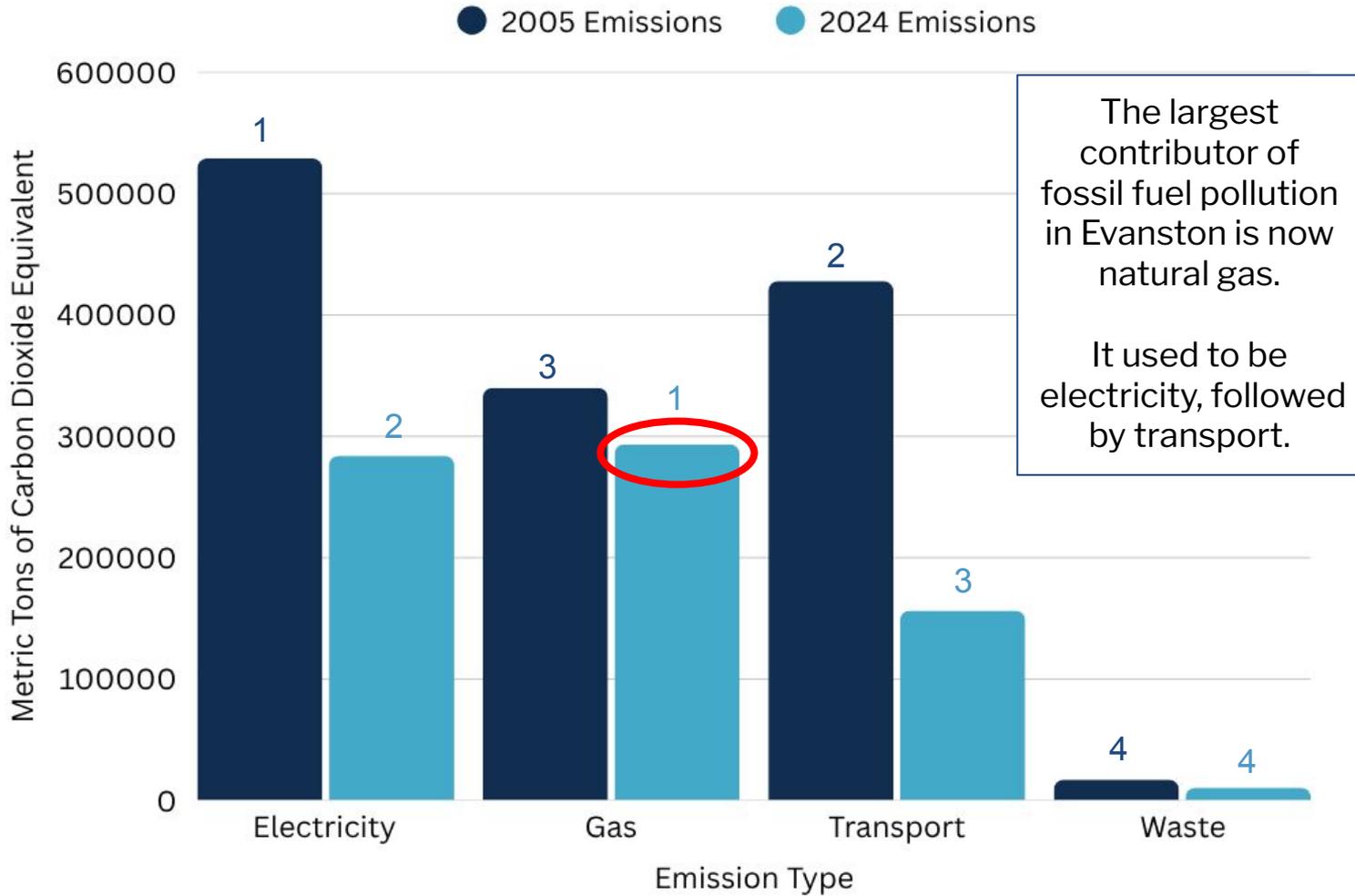
Share of Emissions

Emissions Reduction from 2005 Baseline



Share of Emissions

Emissions Reduction from 2005 Baseline



Action Agenda Items, 2025 Standalone

- **Healthy Buildings Ordinance and Stretch Code** ✓
 - Implement Healthy Buildings Ordinance ⇨
 - Community Choice Aggregation and Municipal Electricity Agreements ⇨
 - Near term implementable actions of Envision Evanston 2045 related to CARP 
 - **Residential Refuse & Yard Waste Franchise Agreement** ✓
 - Compost Waste Franchise Agreement ~
 - Evanston Green Homes Pilot and expansion ⇨
 - Circularity Roadmap ⇨
 - Environmental Equity Investigation ~
 - Rewrite the Zoning Code to remove barriers to permitting solar, heat pumps, geothermal, EV charger installation 
 - Preservation/Deconstruction Ordinance 
 - Reconvene largest CARP stakeholders 
 - Bike Plan ⇨
 - Bicycle and micromobility parking infrastructure ⇨
 - Divvy bike share and deploy Divvy scooter share ⇨
 - Codify where micromobility devices can operate ⇨
 - Mayors' Monarch Pledge ~
 - Accessible Solar Program ⇨
 - Robert Crown Solar Power Purchase Agreement installation ⇨
 - City wide tree goals ⇨
- ✓ **Complete**
~ **Nearly complete**
⇨ **On track for 2026**
 **Paused**

Action Agenda Items, Ongoing

- Additional funding
- Long term strategy on meaningful renewable electricity procurement
- EV charging network
- Expand food waste diversion opportunities
- Climate Coach program
- Bike and pedestrian infrastructure
- Road and sidewalk safety for all modes of transport
- Support Evanston-based institutions to develop and successfully implement climate plans
- Biodiversity throughout the City
- Lead pipe replacement
- Sustain Evanston grant program
- CARP implementation and data dashboard
- Local voluntary carbon offset fund
- Municipal fleet electrification
- Municipal building decarbonization and LED installation
- Municipal solar installation
- Green procurement guidelines