

Pathway 1: Renewable and Resilient Energy Transition

Progress of Actions 1.1-1.20

This pathway allows us to reimagine where energy comes from and the future energy markets we can lead.

11 actions complete or ongoing

7 actions in progress

Progress of Goals

Goal: Edmonton is a thriving city powered by low carbon energy

The City supports Edmonton’s energy transition by supporting local renewable energy and district energy networks, while advocating for low-carbon energy options. Examples of initiatives include:

- Clean Energy Improvement Program ([CEIP](#)) that has provided \$15.65 million in financing for sustainable upgrades.
- [Blatchford](#) District Energy System that delivers efficient, renewable energy.
- Change Homes for Climate Solar Program that reopened for multi-unit residential properties (2024-2025).

The graph to the right reflects community-wide solar adoption that City initiatives have helped support.

Goal: Edmonton is a hub for low carbon energy innovation and investment

The City advances the local low-carbon market by attracting clean technology investments, while expanding partnerships to support green economy employment. Examples of initiatives include:

- Two regional hydrogen transit projects ([Hydrogen and Electric Buses](#) and [Mobile Fueling Project](#)) that explore innovative technologies.
- Advancement of the [Industrial Investment Action Plan](#) that incorporates two sustainability actions.

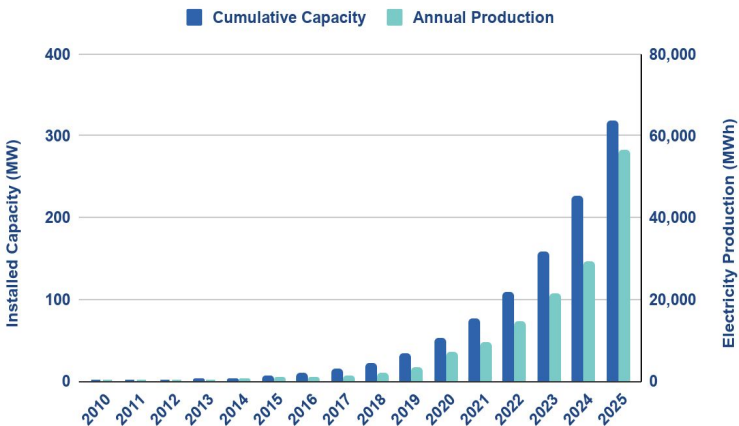
Goal: Edmonton uses waste as a resource

The City promotes the production of zero emission energy and resources from waste while minimizing emissions. Examples of initiatives include:

- [Waste to Energy](#) initiatives that explore innovative energy systems for our municipal operations.
- [25-Year Waste Strategy](#) that transitions municipal operations and residential collections toward a long-term zero-waste framework and is supported by the development of the the Waste Reduction Roadmap ([Roadmap '30](#)) and the Industrial, Commercial and Institutional Waste Roadmap.
- Waste Management Centre partnerships through Advanced Energy Research Facility and Alberta Clean Energy Technology Accelerator.

Pathway progress is current as of June 30, 2026. For more information on the status of each action, please visit the [Climate Action Progress and Report Card](#)

Local Solar Installations in Edmonton



Corporate
Solar

22 City Facility Projects representing 9.2 MW of capacity with 4 million kWh generated in 2025