



Eco-Solar Home Tour 2024

Sunday 9 June

City of Calgary Composting Facility

Date: Sun 9 June
Address:
Parking in lot
Energuide Rating: N/A



Ever wonder what happens to your food and yard waste once it's collected from the green cart? Join us for a visit to our

classroom and virtual tour of The City's composting facility. Learn how we produce nutrient-rich compost in approximately 60 days. The facility diverts more than 85 million kilograms of food and yard waste from the landfill each year, producing compost for use in gardens, farms, and City parks. We're serious about recycling and composting and have set ambitious goals to reduce waste going to our landfills.

What will you learn about during your visit?

- How the industrial facility works
- How to compost right
- Shepard Landfill Solar Park

Some cool facts about the facility:

- Calgary's Composting Facility is the largest of its kind in Canada.
- The facility produces high-quality compost from both food and yard waste collected from the Green Cart program and dewatered biosolids, a nutrient-rich by-product from wastewater treatment.
- The facility processes upwards of 145,500 metric tonnes of residential food and yard waste and dewatered biosolids every year.
- Although the science is similar to backyard composting, you can compost so many more materials with your Green Cart.





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What features save on Energy costs?

The Shepard Landfill Solar Park has 4,392 kW of solar modules. They provide enough electricity to power almost 750 average Calgary homes every year while helping avoid the generation of over 3,000 tonnes of greenhouse gas emissions per year (CO₂e). This solar power plant is anticipated to provide approximately 1/3 of the electricity needs of the composting facility, helping further “green” Calgary’s green cart program.



Other Special Features

- EV charging station
- Toilets flushed with rainwater
- Water-wise native plants in outdoor spaces

