

Green Buildings Open House Tour 2024

Sat, June 1, 11 am - 4 pm

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Harvie Heights - Full Electrification



SITE OVERVIEW

Tour Day: June 1st, 2024

Address: 201 Bow River Drive, Harvie Heights, AB, T1W 2W2

Hosts: Homeowner

Parking: Park in the driveway across from the Mailboxes along the street beyond the house. Street parking is narrow; be sure to leave room to pull away safely.

Key Attractions:

- Fully electrified energy retrofit
- Disconnected gas line
- Solar and electric vehicle charging
- French-language tour is available!

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Harvie Heights, Electrification

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WHY IS THE HARVIE HEIGHTS RETROFIT ON THE TOUR

This 1950's home has undergone an electrification deep energy retrofit. The homeowners have electrified everything and have removed their connection to the main gas line. The retrofit included replacing their old heating system with a heat pump and hybrid hot water tank, all powered by their solar PV system. This household not only heats their home using their solar panels but charges and runs two electric vehicles and an e-bike!

WHAT WILL PEOPLE SEE & LEARN ABOUT AT THIS PROPERTY?

- Deep energy retrofit
- Electric Vehicle ownership and charging with solar
- Solar energy generation
- E-bike ownership
- Hybrid heat pump and hot water systems

WHAT ENERGY EFFICIENT FEATURES ARE SHOWCASED?

- 10.92kW solar photovoltaic array
- Air Source Heat Pump and hybrid hot water tank
- High-efficiency appliances

WHAT SUSTAINABILITY FEATURES ARE SHOWCASED?

- Electric vehicles - VW EGolf & Chevy Bolt
 - EV wall charger
 - E-bike
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