

ced co-op
community energy development co-operative

Solar System Fact Sheet
104 Dawson Solar Installation

The 250 kW solar system on the roof of 104 Dawson Road is one of two projects in Guelph owned by CED Co-op, built in partnership with Balnar Management. The second is an 80 kW system at 367 Woodlawn Road.

Electricity is sold back to the grid through a 20 year contract with the Independent Electricity System Operator (IESO). We are paid $0.316 per kWh the system generates. Our Local Distribution Company is Guelph Hydro.

This system has been producing energy since October 25th, 2016, and will continue to generate energy for Ontario and returns for our members until October 2036. After the contract ends, the system will still have many years of life generating green electricity.

“One of Balnar Management Ltd.’s important mandates is to undertake ‘green’ initiatives,” explains President Mike Balnar. “It is critical to combat greenhouse gasses and reduce dependence on fossil fuels; while financially, green projects must make sense. The solar panel project at 104 Dawson Road fits the mandate perfectly. The building has access to the grid, a new roof, and is only one story. The project manager, Vigor Clean Tech analyzed and managed the project professionally and successfully. The Provincial Feed-In Tarrif (FIT) program makes the project viable and the partnership with CED Co-op makes it possible for the members of the community to share in the benefits of the program. We are very proud of this community based solar project.”

Thank you to Balnar Management and our co-op members for your support of clean, green energy. Thanks to your partnership and investment, projects like this are generating renewable energy and strong financial returns.





104 Dawson Solar System Size - 250 kW

895 Solar Panels
335 W Flextronics Panels

20 Degree Racking
from TerraGen

13 Inverters
from Solar Edge



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Generation Facts

Contract Price

$0.316 / kWh for a 20-year contract

Expected Production

Annual Energy	**335,794 kWh**
Annual Revenue	**$106,110**
GHG Reduction	**53 tons**

Production To Date

To date we have produced enough energy to:

Power 26 homes

Avoid 100,000 kg of CO_2

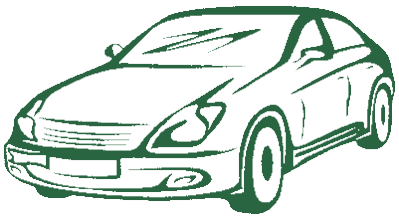
Over **one year**, this system is expected to **reduce GHG emissions** equivalent to:



14 acres
of forest absorbing carbon



145 barrels
of crude oil not consumed



11 cars
taken off the road

Learn more about investing in renewable energy generation:

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