

Solar City Feasibility Report

HALIFAX

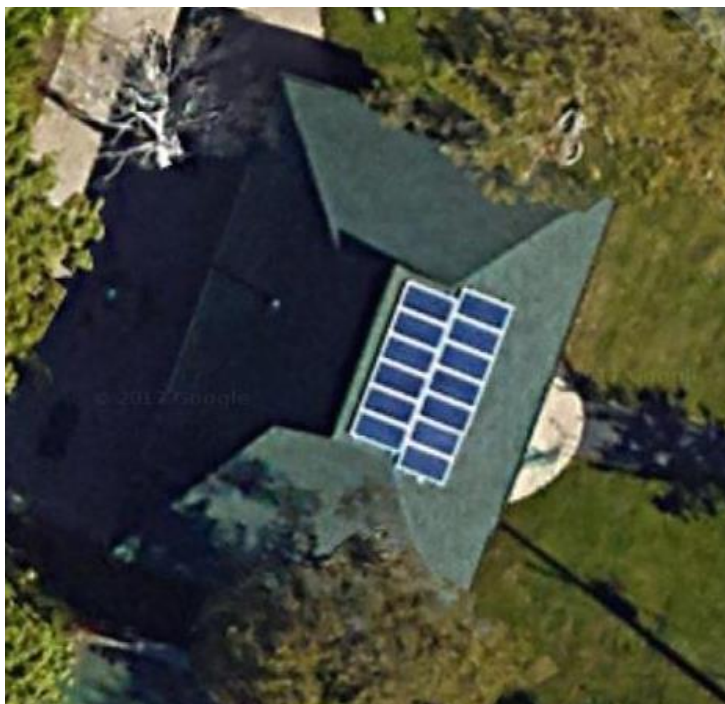
Date: December 27, 2017

Chocolate Lake Beach Washrooms

Project ID: SLC2000

System Information:

Number of Modules	13
Module Capacity (W)	300
System Capacity (kW)	3.90
Orientation (180° is due South)	110°
Slope	22.5°
Project Cost (No HST)	\$11,450.00
\$/Watt (No HST)	\$2.94



Feasibility:

Analysis Period (Years)	Estimated Annual Electricity Savings (kWh)	GHG Reduction (kg CO ₂ e/year)	First Year Savings	Average Annual Savings	25 Year Savings	25 Year ROI
25	4,316	2,892	\$683	\$1,299	\$32,466	147%

Levelized Cost of Electricity: 20.91 ¢/kWh

Feasibility estimate is based on the following assumptions:

\$0.158/kWh for electricity in year one (Includes taxes and provincial rebates); Return on investment estimate is based on a 3.6% electricity cost increase per year and a 1.9% inflation rate over 25 years. Estimates are based on a lump sum payment of the quoted price less available rebates. Estimate assumes first minimum payment is made within 60 days of making the Approved Payment. **It is the responsibility of the property owner to apply for and successfully obtain rebates.**

Calculations are based on historical weather data for your area and assumes participation in the Nova Scotia Power Inc. Net Metering Program. GHG reduction is based on 670g of CO₂e/kWh of electricity (2016) All calculations are based on best available information at the time of screening. The Halifax Regional Municipality makes no warranty or guarantee of actual energy savings.

For more details on calculations and assumptions, please contact solarcity@halifax.ca