

Project Bazaar #1

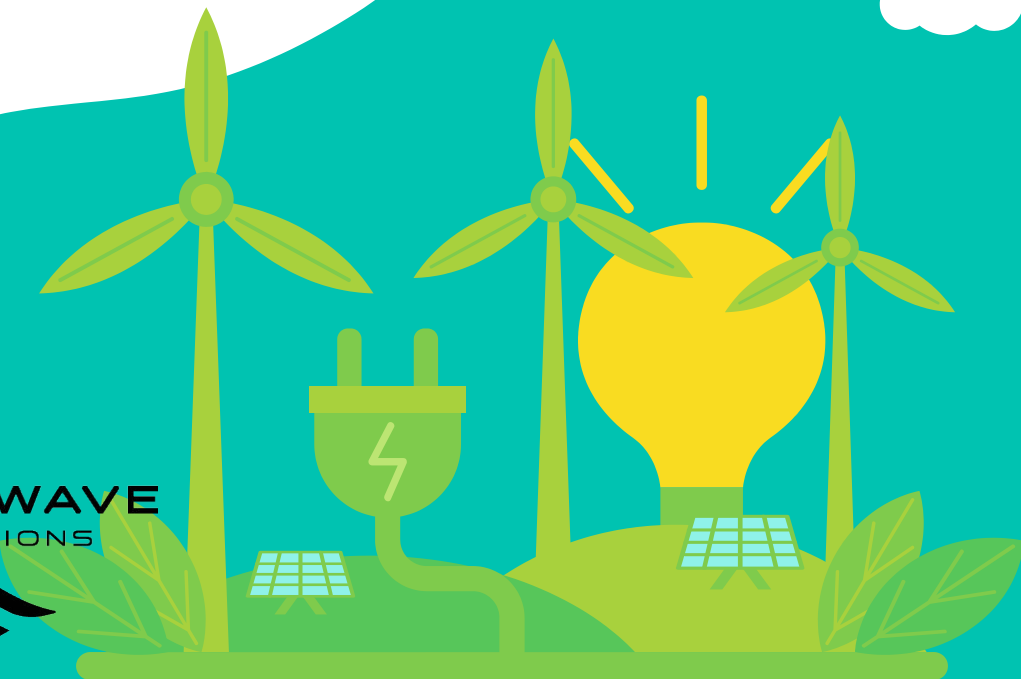
Jan. 25, 2021

Team SolarSize

Tristan Brown-Hannibal
Karlee Fidek
Kaden Goski



GREENWAVE
INNOVATIONS



Team Member Introductions



Tristan



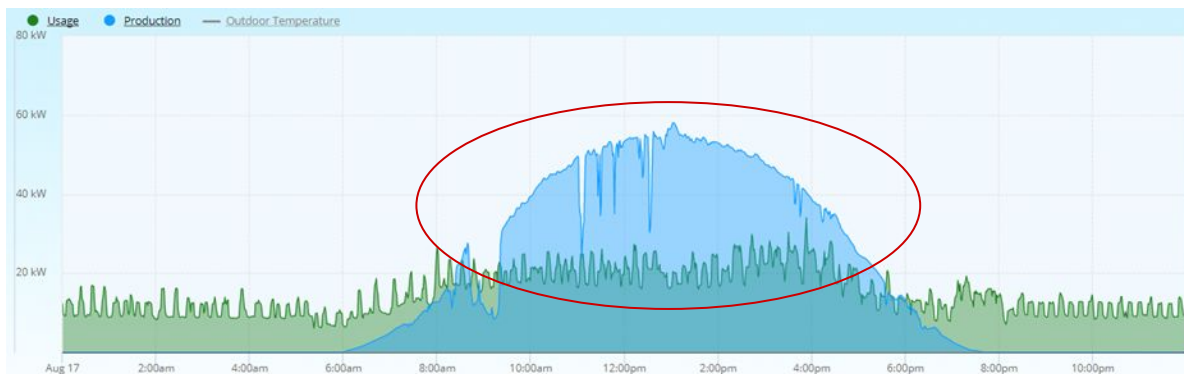
Karlee



Kaden

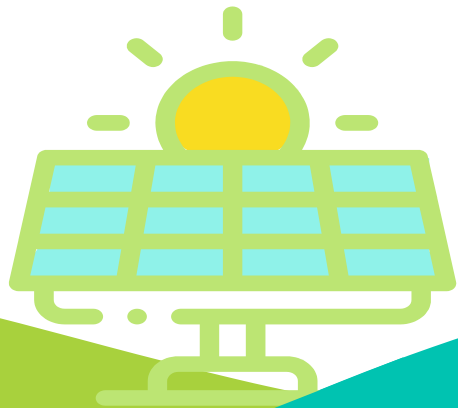
About This Project

- In partnership with a local company - Greenwave Innovations
- A tool that utilizes consumption metrics and solar intensity data to calculate accurate ROIs on solar power installations
- Help to determine over or under generation windows and size solar installations accordingly
- Alerts when dealing with real time data



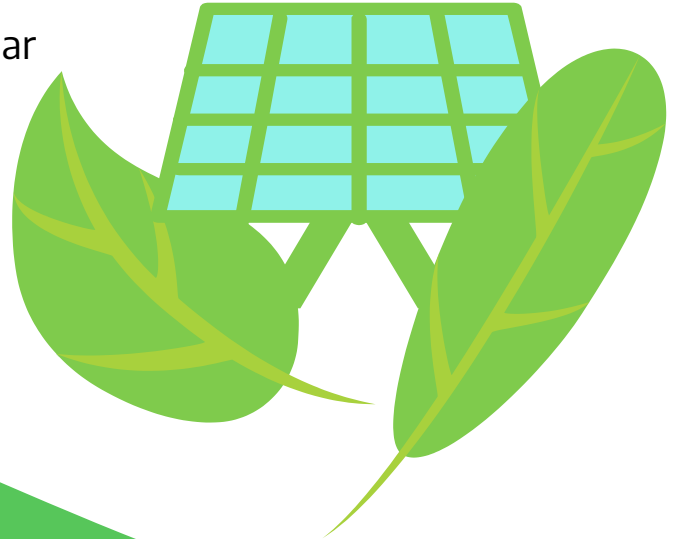
Problem We Are Attempting To Solve

- Determining accurate ROI
- Accurate sizing on solar power installations



Our Why?

- Fossil fuels are the primary source of energy in Canada
- Solar energy is renewable and sustainable
 - Alternative for fossil fuels
- Persuade more people and businesses to install solar generation solutions



Demo

Inputs


Summary

Select a Location

Latitude

Longitude

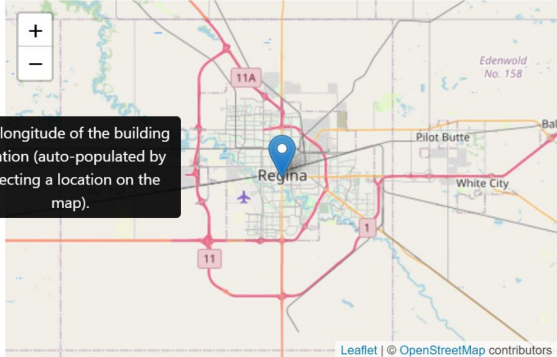
Time Zone

 Choose consumption .csv files

+

-

The longitude of the building location (auto-populated by selecting a location on the map).



Panel Direction

Module Tilt
30

Module Area

Module Efficiency

Loss Coefficient

Questions and Comments

