



Photovoltaics WSE100 Watt panel
 Number of modules 5
 Total nominal power 0.5 kW
 Orientation 0 °
 Tilt angle 30 °

This report has been created by:

Location of the system

William Elliott
 303 47 Str.E
 S7K 5H2 Saskatoon

LaRonge Saskatchewan
 Longitude: -105.309°
 Latitude: 55.104°
 Elevation: 1,237 ft

Overview photovoltaics (annual values)

Total gross area	46 ft ²
Energy production DC [Qpvf]	695 kWh
Energy production AC [Qinv]	550 kWh
Performance ratio	70.7 %
Specific annual yield	1,100.1 kWh/kWp/a
CO2 savings	650.4 pound

Meteorological data-Overview

Outdoor temperature 24h	33.7 °F
Annual global irradiance	12.8 MWh/ft ²
Annual diffuse irradiance	5.3 MWh/ft ²

Component overview (annual values)

Photovoltaics	WSE100 Watt panel	
Number of modules		5
Total nominal power	kW	0.5
Total gross area	ft ²	46.25
Tilt angle	°	30
Orientation	°	0
Inverter 1: Name		Inverter

Inverter 1: Manufacturer		Anonymous
Layout 1: Strings per inverter		1
Layout 1: Number of inverters		1
Energy production DC [Qpvf]	kWh	695
Energy production AC [Qinv]	kWh	550
Specific annual yield	kWh/kWp/a	1,100.1

Yield Photovoltaics AC [Qinv]

kWh

