



Eco-Solar Home Tour 2018

Saturday 2nd June 2018 Noon to 4:30 pm

Carlisle Solar Church

Tour Day: Saturday

Address: 13850 119a St NW

Hosts: All Saints Lutheran Church members & Skyfire Energy Inc.

Parking: Parking lot

Energuides Rating: n/a



Summary points why people need to see your church

- We are a unique church with an open worship space.
- We have just had a 15.08kW grid connected solar electric system with 52 solar modules installed on the South facing roof of the Church.
- This system was designed to avoid any internal wire runs through the worship space.
- Predicted to offset ~75% of the Church's annual electrical demand.

What will people see and learn about at your church?

- We will discuss the cost benefit analysis that we had done when we decided to start looking at options for Photovoltaics.
- We will share the live data created
- Discuss next steps as we work to retrofit our church and reduce our day to day energy usage.
- A completely operational solar PV system and all equipment involved with installation.

What are the main things people will see at your church?

- 52 x REC 290WTP2 Solar modules
- 11.4kW AC Solar Edge Inverter
- Live statistics on the solar production via Solar Edge's portal
- An untouched sanctuary ceiling with nothing diminishing the wooden beams or worship area. No intrusive bolts coming through where the new solar installation is.
- Wheelchair and accessibility friendly building.

Are there main items that they can't see?

- A switch over from halogen to LED bulbs in our Worship area.

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Edmonton, Alberta

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Carlisle Solar Church

What features save on energy costs?

- A switch over from halogen to LED bulbs

What features save on water costs?

- Newer toilets
- No more dripping faucets

Are there any other special features you want to highlight? Our Care for Creation:

- Floor to ceiling windows on the main floor and basement that allow us to harness the natural light of the sun year-round.
- Annual Re-Use Garage sale from Thursday to Saturday
- Quilting Group presenting their support for African Missions
- Members will discuss their involvement in The Rock Inner City Mission and the Edmonton Food Bank

