



Newtown Congregational Church

System Details:

- Project type: Not for profit
- System size: 58.32 kW
- Modules: (162)
SunPower X22-360
COM
- Inverter: (1) Solaredge
String Inverter (9
strings of 18 modules)
- Incentives: ZRECS

Why solar? The Newtown Congregational Church believes that being good stewards of God's creation (Earth) means to do their part in protecting our planet by making the church buildings carbon neutral.

The 58.32 kW system consists of 360 watt high performance SunPower solar modules. It will generate enough power to cover 95% of their total electrical use. The utility bill savings and the solar credits combined will pay for the entire cost of the system. With solar, the church is expected to save \$17,135 in the first year.

This system is estimated to produce 65,537 kWh in year 1!

Environment Equivalencies

- 9.8 – Passenger cars driven for 1 year
- 1,760 – Incandescent lamps switched to LEDs
- 5,215 – Gallons of gasoline consumed
- 50,665 – Pounds of coal burned