Solar Panels in EnergyPro

For the purposes of this demo, we will assign 20 Sharp 235 panels to the model. You can access panel data from the specification sheet:

<http://files.sharpusa.com/Downloads/Solar/Products/sol_dow_NU-U235F1.pdf>

The software we are going to use to get our PV information is called PVWatts

<http://gisatnrel.nrel.gov/PVWatts_Viewer/index.html>

Type in zip code: 92881

Go

Send to PV Watts

4.7 DC Rating (235 x 20 panels)

DC to AC .77 to .85

Array Type: Fixed Tilt

Cost: doesn’t matter

Calculate

AC Energy (kwh) goes into EnergyPro!

**In EnergyPro**

Plant

Renewables

DC Rating: 4.7 kw

Add Production from PV Watts

Add Cost from PV watts

You do not need demand.

Energy Value (how much your PV system is saving you) will be calculated based on PV Watts “Cost of Electricity” which is 14.2 cents/kwh