



Ellensburg Solar Community

ESCAPE to a Sustainable Future

Installed Costs & kWh Production

Ellensburg's Solar Community project presently has eight (8) Solar Arrays

Each Array has (24)300 watt solar modules (panels) and one (1)6000 watt inverter

Total System Size:

(8 arrays)(24 modules/array) (300watts /module) = 57,600 watts/1000watts/KW = 57.6 KW system

| | | Cost /Array |
|--|---------------|-----------------|
| (24)RWE Schott ASE 300 watt DG 50 PV Modules 300 watt module - 50 volts | \$1,200 each | \$28,800 |
| (1) Sunny Boy SMA 6000US Inverter 6000 watt inverter | \$ 5,000 each | \$ 5,000 |
| Electrical | | \$ 3,870 |
| Structural Support | | \$ 3,390 |
| Structural Hardware/Array | | \$ 2,370 |
| Labor/Array | | <u>\$ 5,240</u> |
| Total Cost /Array | | \$48,670 |

Approx \$6.8/installed watt

| | |
|--|-------------|
| Annual power production for Ellensburg's existing 57.6 KW solar system | 83,200 kWhs |
| Annual power production /array | 10,400 kWhs |
| Annual power production /installed KW | 1,444 kWhs |

