

SOLAR PRICING EXAMPLES FOR SHERMAN COUNTY

Prepared December 2011

Residential Solar Electric Pricing Examples, 3 kW Systems

Pacific Power service area

\$18,000	Total installed cost*
- \$3,750	Energy Trust incentive (\$1.25/Watt, up to \$5000)
\$14,250	Amount paid to Contractor
<u>-\$4,275</u>	Federal tax credit (30% of \$14,250 - paid in full the first year)
\$9,975	Net cost (after incentive & federal credit)
<u>-\$6,000</u>	Oregon tax credit (\$2.10/Watt, up to \$6,000, claim max \$1,500 per year)
\$3,975	Final cost to homeowner
(\$10,275	Total federal and state tax credits – possible loan by Sherman County)

Wasco Electric service area

\$18,000	Total installed cost and amount paid to contractor*
<u>-\$6,000</u>	Federal tax credit (30% of \$18,000- paid in full the first year)
\$12,000	Net cost (after federal credit)
<u>-\$6,000</u>	Oregon tax credit ((\$2.10/Watt, capped at \$6,000, claim max \$1,500 per year)
\$6,000	Final cost to homeowner
(\$12,000	Total federal and state tax credits – possible loan by Sherman County)

*Installation costs vary by size, generally ranging from \$5.50-\$7.50 per Watt. The above example uses \$6/Watt price.

Residential Solar Water Heating Pricing Examples, 2,200kWh/yr Systems

Pacific Power service area

\$8,500	Total installed cost**
- \$880	Energy Trust incentive (40¢ per kWh saved, up to \$1500)
\$7,620	Amount paid to Contractor
<u>-\$2,286</u>	Federal tax credit (30% of \$7,620 - paid in full the first year)
<u>-\$1,320</u>	Oregon tax credit (60¢ per kWh saved, up to \$1500 or 50% of net costs)
\$4,014	Final cost to homeowner
(\$3,606	Total federal and state tax credits – possible loan by Sherman County)

Wasco Electric service area

\$8,500	Total installed cost and amount paid to contractor**
<u>-\$2,550</u>	Federal tax credit (30% of \$8,500 - paid in full the first year)
<u>-\$1,320</u>	Oregon tax credit (60¢ per kWh saved, up to \$1500 or 50% of net costs)
\$4,630	Final cost to homeowner
(\$3,870	Total federal and state tax credits – possible loan by Sherman County)

**Installation costs vary by size, generally ranging from \$6,500 to \$10,000 per Watt.