



SOLAR ENERGY WEBSITES AND COST ESTIMATES

CONGRESSWOMAN GABRIELLE GIFFORDS

Finding a Solar Installer

- Arizona Solar Energy Industries Association: www.arizonasolarindustry.org/members.html
- Tucson Electric Power:
 - Electric: www.greenwatts.com/Docs/ListingSolarInstallers.pdf
 - Hot water: www.tep.com/Docs/RESDocs/2008HotWaterHeatingInstallersList.pdf
- Trico Electric Cooperative: www.trico.coop/index.php/renewable-energy

News and Information

- American Solar Energy Society: www.ases.org
- Database of State Incentives for Renewables and Efficiency: www.dsireusa.org
- World Solar Energy News Headlines: www.solarbuzz.com
- Home Power Magazine: www.homepower.com
- Solar Energy International: www.solarenergy.org
- Solar Energy Industries Association: www.seia.org
- Solar Electric Power Association: www.solarelectricpower.org
- Renewable Energy Access: www.renewableenergyaccess.com

Research

- National Renewable Energy Laboratory: www.nrel.gov
- Sandia National Laboratory: www.sandia.gov/ERN/index.html
- Union of Concerned Scientists: www.ucsusa.org
- Developing State Solar PV Markets: www.americanprogress.org/issues/2008/01/solar_report.html
- W. Gov. Assn. Solar Task Force Report: www.westgov.org/wga/initiatives/cdeac/Solar-full.pdf

Arizona Resources

- Arizona Department of Commerce: www.azcommerce.com/Energy/Solar+Energy+Advisory+Council.htm
- Arizona Research Institute for Solar Energy (AzRISE): www.azrise.org
- Arizona Solar Center: www.azsolarcenter.com
- Arizona Solar Energy Industries Association: www.arizonasolarindustry.org
- Arizona Solar Electric Roadmap Study:
www.azcommerce.com/doclib/energy/az_solar_electric_roadmap_study_full_report.pdf
- City of Tucson Energy Office, Solar America City: www.tucsonaz.gov/energy/sac.html
- S. AZ Solar Partnership:
www.paqnet.org/Programs/EnvironmentalPlanning/SolarPartnership/tabid/684/Default.aspx
- Solar Institute: www.solarinstitute.org
- Greater Tucson Solar Development Plan: www.paqnet.org/documents/solar/SolarDevPlan2009-01.pdf

Local Utilities

- Tucson Electric Power: www.tep.com
- Arizona Public Service: www.aps.com
- Trico Electric Cooperative: www.trico.coop
- Sulphur Springs Valley Electric Cooperative: www.ssvec.org
- Salt River Project: www.srpnet.com

Recycling

- Tucson Clean and Beautiful: www.tucsonaz.gov/tcb
- Pima County Household Hazardous Waste (including compact fluorescent light bulbs):
www.deq.pima.gov/waste/householdhaz.html

Sample Prices for Solar Energy Systems

Tucson Electric Power

System Size in DC Watts	KWh Produced Each Year	Total System Cost	TEP Rebate	State Tax Credit	Federal Tax Credit	Net Project Cost	Estimated Payback Period	Home Size (sq. ft.)
3220	5993	\$20,312	-\$9,660	-\$1,000	-\$3,196	\$6,456	7.2 years	1250
5060	9418	\$30,142	-\$15,180	-\$1,000	-\$4,488	\$9,474	6.8 years	1950
6440	11987	\$37,265	-\$19,320	-\$1,000	-\$5,383	\$11,562	6.5 years	2500
7590	14127	\$43,312	-\$22,770	-\$1,000	-\$6,163	\$13,379	6.4 years	2950
8970	16696	\$50,566	-\$26,910	-\$1,000	-\$7,097	\$15,559	6.3 years	3500

Trico Electric Cooperative

System Size in DC Watts	KWh Produced Each Year	Total System Cost	TRICO Rebate	State Tax Credit	Federal Tax Credit	Net Project Cost	Estimated Payback Period	Home Size (sq. ft.)
3220	5993	\$20,421	-\$8,169	-\$1,000	-\$3,676	\$7,576	6.7 years	1250
5060	9418	\$30,251	-\$12,100	-\$1,000	-\$5,445	\$11,706	6.6 years	1950
6440	11987	\$37,374	-\$14,950	-\$1,000	-\$6,727	\$14,697	6.5 years	2500
7590	14127	\$43,421	-\$17,369	-\$1,000	-\$7,816	\$17,236	6.5 years	2950
8970	16696	\$50,675	-\$20,270	-\$1,000	-\$9,121	\$20,284	6.5 years	3500

Notes

The minimum system allowed into utility rebate programs is 1500 WDC.

TEP customers pay \$0.104/KWH. TRICO customers pay \$0.135/KWH.

Home size is based on average electricity consumption and 80% solar electric target.

Federal tax credit of 30% applies after utility rebate has been applied.

Updated Feb. 2010