

SolarRenew Analysis

Congratulations on evaluating whether or not solar power is right for you!
SolarRenew is here to assist you with your evaluation.

SolarRenew took your address:

5350 Montezuma Road

We calculated your location specific solar figures. This complicated process was made easier by experts at SolarRenew.

In order to understand if solar panels are right for you, our program helps you holistically evaluate your personal situation by answering these 6 key questions:

1. Where will the panels be installed?
2. What is your available area for panels
3. How much solar energy is available at your location?
4. What are the local costs for solar installation (including how large your system is)?
5. What are the federal and state incentives available to you?
6. What is your local utility rate for energy?

You provided SolarRenew your location and area available for panels. We took care of the rest!

Results:

Based on your location, you can generate 26853 kWh annually from solar power! That will save approx. \$6780 dollars / year off your electricity bill, according to your local energy rate of 0.253 \$/kWh.

Based on your location and the area you provided, you can install a 14.9 kW system. To install this system, it will cost an estimated \$35461 to install.

Currently, there are federal incentives available to you. Until the end of 2021, the government will pay for 26% of your entire solar investment. The government will pay for \$9219 of your cost of installation mentioned above!

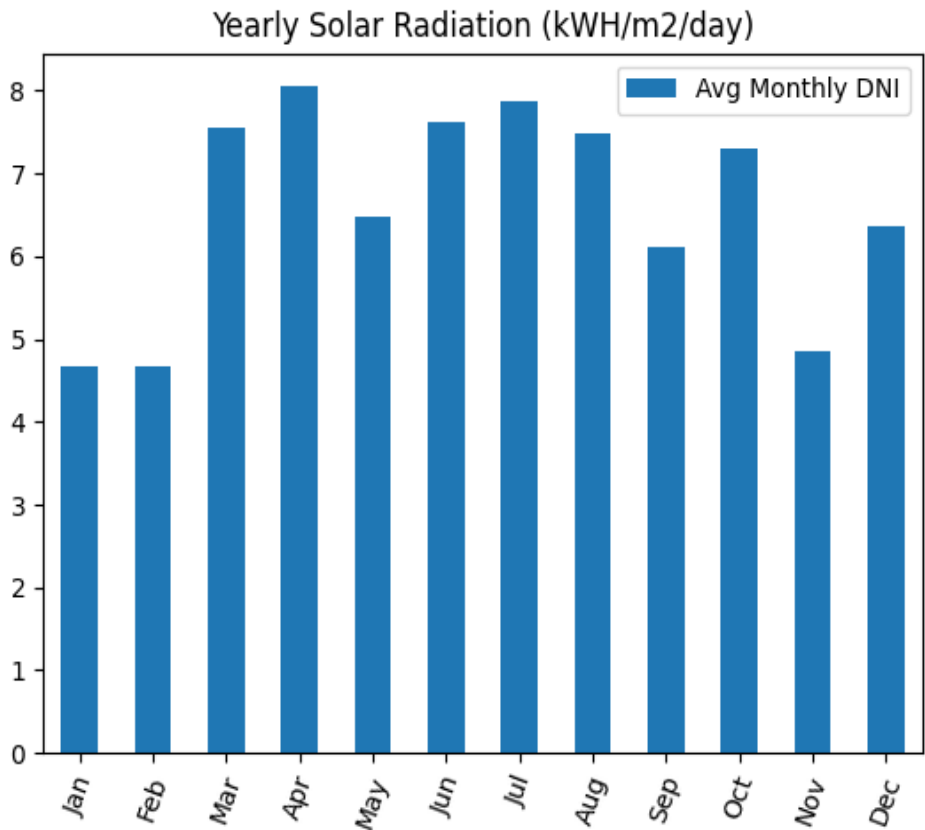
Based on your monthly utility bill, you likely use 23760 kWh annually. Your 14.9 kW solar system could cover 113% of your energy needs!

In summary, if you invested in solar panels today, your entire investment would be paid-off in 5.0 years. And after that point, your solar system will be providing you \$6780 of extra income annually.

In addition to everything we covered, you might have additional state incentives to assist more. For example, some states buyback extra energy you produce, giving you additional savings! We included the state incentives you're potentially eligible for at the end of the pdf report. Look it over to possibly improve your payback period!

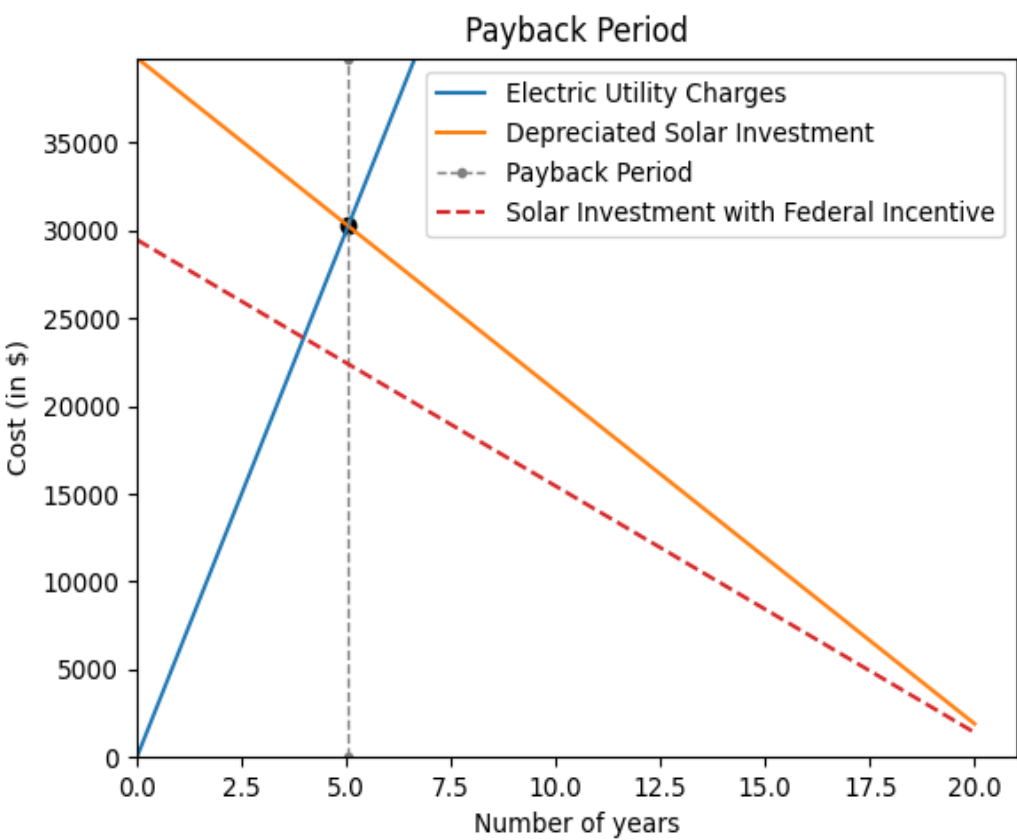
Listed below are several factors that might help you decide.

1. Daily Solar Energy Available for your house



2. Payback Period

You can start making money after 5.04 years



3. Manufacturer Data

Here are a few manufacturers of solar panels and the energy they generate :

Solar Panel Manufacturer	Average (in Watts)
ET Solar	306.0
Talesun Solar Co.	400.0
Trina Solar Energy	288.0

4. State Incentives

Incentive Policy 1

Implementing Sector:	State
Category:	Financial Incentive
State:	California
Incentive Type:	Sales Tax Incentive
Web Site:	https://www.cdtfa.ca.gov/formspubs/pub235g.pdf
Administrator:	California State Board of Equalization
Eligible Renewable:	Solar Photovoltaics
Applicable Sectors:	Agricultural
Incentive Amount:	100% of the taxes levied by the State. Local and district sales taxes will still apply.
Equipment Requirements:	At least half of the electricity produced by the system must be used to power agricultural equipment.

Incentive Policy 2

Implementing Sector:	State
Category:	Financial Incentive
State:	California
Incentive Type:	Rebate Program
Web Site:	http://www.gridalternatives.org/sash
Administrator:	GRID Alternatives
Funding Source:	Rate-payer funds
Budget:	\$108.3 million
Start Date:	07/01/2009
Expiration Date:	12/31/2021
Utilities:	Pacific Gas & Electric Co, San Diego Gas & Electric Co, Southern California Edison Co
Eligible Renewable:	Solar Photovoltaics
Applicable Sectors:	Low Income Residential
Incentive Amount:	\$3/W CEC-AC
Eligible System Size:	Minimum system size: 1 kW CEC-AC Maximum system size: 5 kW CEC-AC
Equipment Requirements:	Must use CEC-certified PV modules and inverters . Systems must be grid-connected. Inverters and modules must each carry a 10-year warranty. PV modules must be UL 1703-certified. Inverters must be UL 1741-certified, and tested by the Energy Commission
Installation Requirements:	Systems must be installed by appropriately licensed California solar contractors who have been accepted by the SASH program manager as a SASH program partner installer or self-installed by the system owner. A significant portion of the PV system will be installed directly by GRID Alternatives.
Ownership of Renewable Energy Credits:	Remains with project owner

Incentive Policy 3

Implementing Sector:	State
Category:	Financial Incentive
State:	California
Incentive Type:	Property Tax Incentive
Web Site:	http://www.boe.ca.gov/proptaxes/active-solar-energy-system.htm#Description
Administrator:	California State Board of Equalization
Expiration Date:	01/01/2025
Eligible Renewable:	Solar Water Heat, Solar Space Heat, Solar Thermal Electric, Solar Thermal Process Heat, Solar Photovoltaics
Applicable Sectors:	Commercial, Industrial, Residential
Incentive Amount:	100% of system value; 75% of system value exemption for dual-use equipment
Maximum Incentive:	Not specified.

Incentive Policy 4

Implementing Sector:	State
Category:	Regulatory Policy
State:	California
Incentive Type:	Building Energy Code
Web Site:	https://www.cpuc.ca.gov/General.aspx?id=6043
Cities:	Los Angeles
Eligible Renewable:	Solar Photovoltaics
Applicable Sectors:	Residential

Incentive Policy 5

Implementing Sector:	State
Category:	Regulatory Policy
State:	California
Incentive Type:	Solar/Wind Permitting Standards
Eligible Renewable:	Solar Water Heat, Solar Space Heat, Solar Photovoltaics
Applicable Sectors:	Commercial, Industrial, Local Government, Residential

Incentive Policy 6

Implementing Sector:	State
Category:	Financial Incentive
State:	California
Incentive Type:	Rebate Program
Web Site:	http://www.gosolarcalifornia.ca.gov/solarwater/index.php
Administrator:	SCE, CSE, PG&E, SCGC
Budget:	\$325 million
Start Date:	05/01/2010
Expiration Date:	12/31/2017
Utilities:	Pacific Gas & Electric Co, San Diego Gas & Electric Co, Southern California Edison Co
Eligible Renewable:	Solar Water Heat, Solar Space Heat, Solar Thermal Process Heat, Solar Pool Heating
Applicable Sectors:	Commercial, Industrial, Local Government, Nonprofit, Residential, Schools, State Government, Federal Government, Multifamily Residential
Incentive Amount:	<p><i>Step 1 Incentive Rates (contact utility to determine current incentive levels):</i> Single Family Residential Incentives: Systems that displace natural gas: \$29.85 per estimated therm displaced Systems that displace electricity or propane: Funding has been exhausted Commercial/Multifamily Incentives: Systems that displace natural gas: \$20.19 per estimated therm displaced Systems that displace electricity or propane: \$0.42 per estimated kWh displaced *** Note, funding has been exhausted in this category for SCE and PG&E Solar Pool heating: \$5.00 per estimated therm displaced</p>
Maximum Incentive:	<p><i>Step 1 Incentive Limits (contact utility to determine current incentive limits):</i> Single-family residential systems that displace natural gas: \$4,366 Single-family residential systems that displace electricity or propane: \$1,834 Commercial and multifamily residential systems that displace natural gas: \$800,000 Commercial and multifamily residential systems that displace</p>

lace electricity or propane: \$250,000 Solar Pool Heating: 50% of total project costs, up to \$500,000

Equipment Requirements:

Residential systems must be certified to SRCC OG-300 by either SRCC or International Association of Plumbing and Mechanical Officials (IAPMO) Solar collectors used in eligible commercial systems must be certified to SRCC OG-100 by either SRCC or IAPMO Only non-residential solar pool heaters are eligible.

Installation Requirements:

Systems must be installed by an appropriately licensed contractor who is listed as being eligible to participate in the program. Self-installations are permitted if the building owner attends a designated CSI-Thermal Program training workshop.

Ownership of Renewable Energy Credits: Remain with customer

Incentive Policy 7

Implementing Sector:	State
Category:	Financial Incentive
State:	California
Incentive Type:	Rebate Program
Web Site:	http://www.cpuc.ca.gov/PUC/energy/Solar/lowincomeolarwater.htm
Funding Source:	Ratepayer Funds
Budget:	\$25 Million
Start Date:	03/29/2012
Utilities:	Pacific Gas & Electric Co, San Diego Gas & Electric Co, Southern California Edison Co
Eligible Renewable:	Solar Water Heat
Applicable Sectors:	Multifamily Residential, Low Income Residential
Incentive Amount:	Step 1 Incentive Rates (contact utility to determine current incentive levels): Single-Family Low-Income: \$25.64 per therm displaced Multi-Family Low-Income: \$19.23 per therm displaced
Maximum Incentive:	Single-Family Low-Income: \$3,750 Multi-Family Low-Income: \$500,000
Equipment Requirements:	Systems must be used in connection with a natural gas water heater. Systems used in connection with an electric water heater are ineligible. Systems must be SRCC certified.
Installation Requirements:	Systems must be installed by an appropriately licensed contractor