

Proposal for a 9.6 kW Solar Project

Option 1

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410 Mira Loma Ln,
Escondido, CA 92025, USA

Prepared By:

Aloha Solar Power

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Electrical License:

1066562

Solar Details



System Size

9.6 kW DC

Panels

REC Alpha Pure REC400AA

Inverters

IQ8A-72-2-US [240V]

Estimated First Year

Production

14,493 kWh AC

Consumption Offset

107%

Array details

Panel: REC Alpha Pure REC400AA

Quantity: 12

Watts: 400

Azimuth: 165° (S)

Tilt: 18°

Mounting: flush

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Buy Option

Old Utility Bill	\$621.49 / Month
Estimated New Utility Bill	\$40.73 / Month
Estimated Bill Difference	\$580.76 / Month



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Costs & Incentives

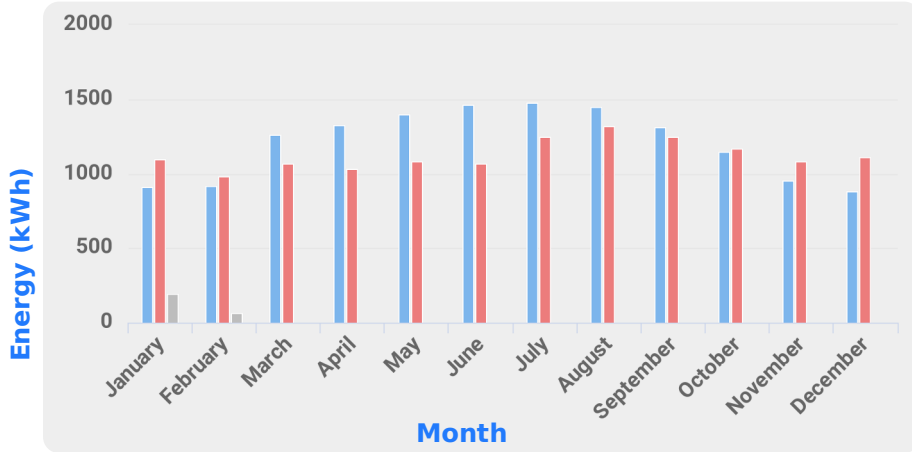
	Cost	Discounts & Rebates	Total Price
Base Price for Solar Based on a 9.6 kW installation	\$33,120.00		
Gross Cost	\$33,120.00	-\$0.00	\$33,120.00
Federal Tax Credit Residential Renewable Energy Tax Credit (ITC) - 30%		-\$9,936.00	
Cost after Rebates & Incentives*	\$33,120.00	-\$9,936.00	\$23,184.00

***Note:** Not everyone is eligible for credits, incentives, or rebates or can fully use them. Please consult your tax professional or legal professional for further information. ** Incentives are subject to change. The actual amount can be higher or lower than what is quoted, and may not stay at a fixed rate over time. It can also change based on the tax bracket you are in.

Materials & Specifications

Material	Description	Data Sheet	Quantity
Panel	REC Alpha Pure REC400AA (400 Watts)	Download	24
Inverter	IQ8A-72-2-US [240V]	Download	24

Energy Usage



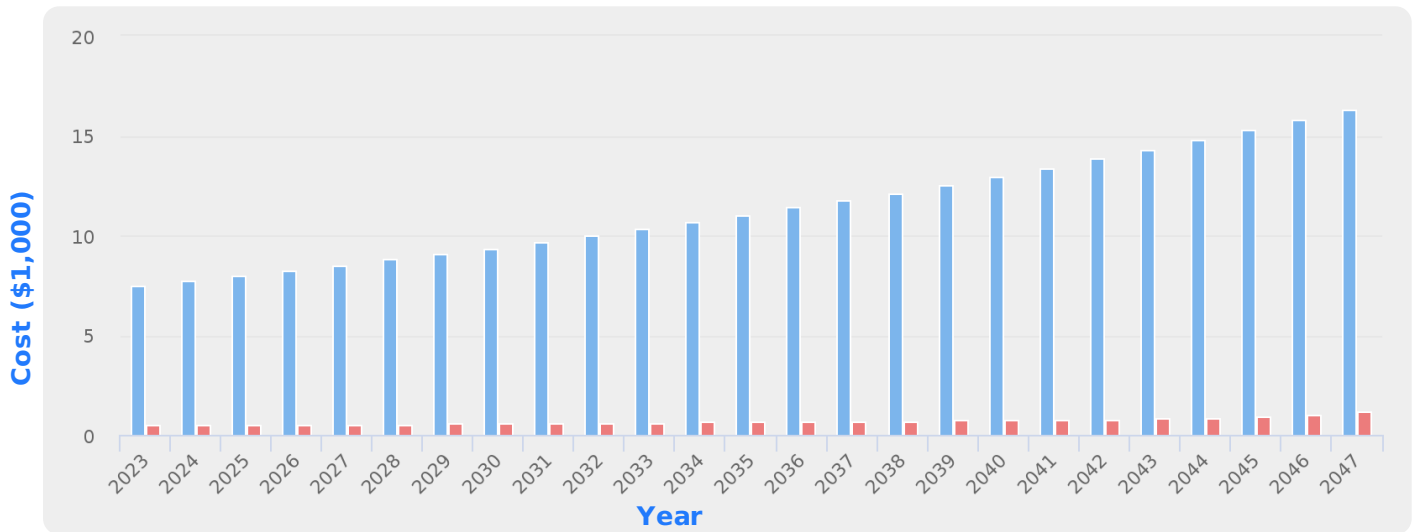
● Solar Production ● Your Consumption ● Grid Import

Consumption Offset

107%

Estimated First Year Production
14,493 kWh AC

Yearly Breakdown



● Current Utility Bill
● Estimated New Utility Bill

Assuming a 3.40% escalation rate on utility rate

Estimated Solar Savings Over
25 Years
\$265,786.15

Month-by-Month Details

Month (2023)	Solar Production AC (kWh)	Grid Usage (kWh)	Utility Bill	Net Credits	Savings
Jan	908.49	191.5	\$132.93	0.0 kWh	\$484.43
Feb	917.2	67.1	\$65.03	0.0 kWh	\$486.84
Mar	1261.87	0	\$32.42	194.8 kWh	\$562.03
Apr	1323.76	0	\$31.37	291.1 kWh	\$544.01
May	1400.64	0	\$33.10	318.9 kWh	\$573.86
Jun	1462.22	0	\$32.56	396.3 kWh	\$564.54
Jul	1473.23	0	\$35.70	227.7 kWh	\$665.40
Aug	1451.12	0	\$11.78	128.6 kWh	\$677.64
Sep	1311.11	0	\$11.40	61.8 kWh	\$631.44
Oct	1146.58	0	\$35.63	-22.6 kWh	\$618.24
Nov	956.43	0	\$33.02	-125.6 kWh	\$572.93
Dec	880.73	0	\$33.89	-230.8 kWh *	\$587.71
Total	14,493.4 kWh	258.6 kWh	\$488.81	\$234.03	\$6,969.06

Production and Savings estimates are based on a period of 25 years by default. The length of the default project life can be updated for all projects by visiting the [Your Pricing](#) section in the Company settings. To change the project life for this project, visit [Utility](#) section under Settings button at the top edge of this page.

Estimated production assumes equipment is maintained and free from damage or other impediments.

Estimated projected usage is based on your current utility bill.

Other Reasons to go Solar



Control your Energy Costs

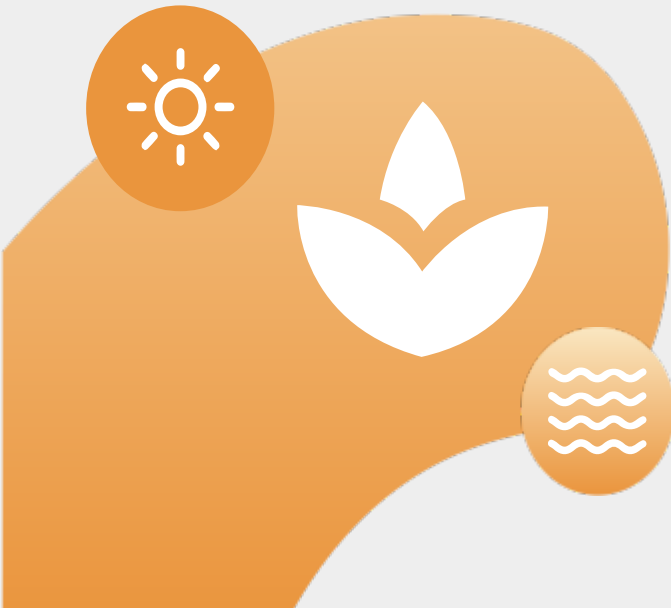
As utility prices continue to climb you will enjoy predictable energy costs for years to come.







Increase the value of your property

A number of real estate studies find that solar is a home improvement that may increase the market value of your property.
 Source: <https://www.nrel.gov/docs/fy08osti/42733.pdf>

Benefit your environment



 28,067 Gallons of gasoline consumed	 10,614 Trash bags of waste recycled
 4,157 Tree seedlings grown for 10 years	 274,704 Pounds of coal burned

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INVOICE

BILL TO
Casey Emmett

INVOICE 13081
DATE 04/12/2023
TERMS Due on receipt
DUE DATE 04/12/2023

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
04/12/2023	Sales	Installed a 23 panel solar system at 410 Mira Loma Lane Escondido, CA 92025			29,670.00

BALANCE DUE

\$29,670.00