



## PROJECT PRELIMINARY DESIGN

**PREPARED FOR:**

RENVU Carport  
83 Fairview Ave  
Atherton, CA 94027

**PREPARED BY:**

RENVU INC  
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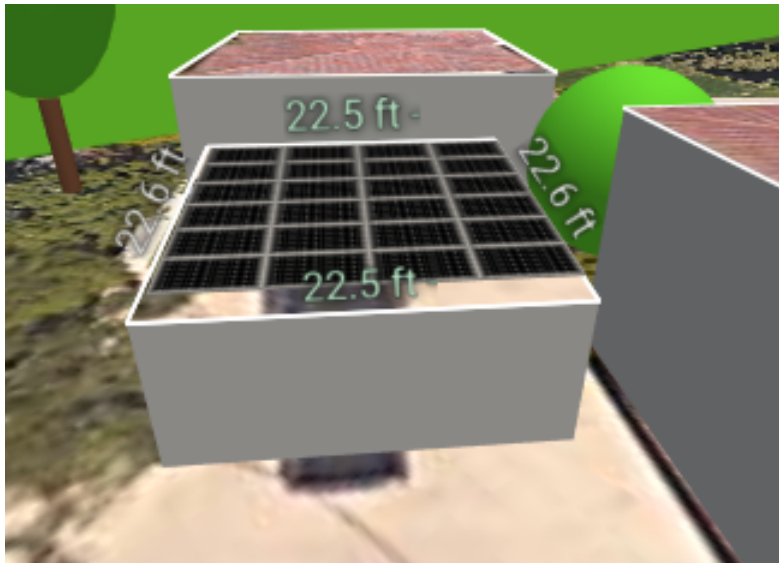
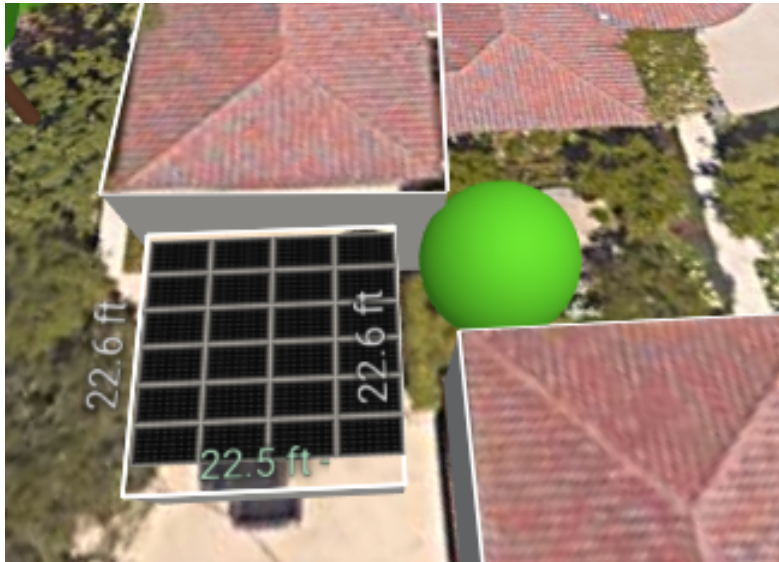
MAKE THE WORLD A BETTER PLACE



## A SUMMARY OF YOUR SOLAR SYSTEM

# YOUR CARPORT DESIGN

Below is an overview of the system and its price breakdown.



### System Cost

\$15,840



### System Size

7.92 kWh



### Annual Production

9,914 kwh



### Est. Annual Savings

\$1,415

### System Cost

\$15,840

### Incentives\*

-\$4,118

### Net System Cost

\$11,722



# REBATES AND INCENTIVES\*

\$4,118

Amount you can save off your system  
from incentives

\$4,118

National incentive (26% of your  
system)

\$0

Local Incentives

## RECEIVE A CREDIT ON YOUR SYSTEM

The 26% federal ITC starts to phase out after Dec 31, 2022. Get Solar now to take advantage of these discounts!



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# YOUR SAVINGS WITH SOLAR

How Much Will You Save Over 25 YEARS?

\$35,370



**WITH SOLAR**

**\$206**

Monthly Utility Bill

**\$384**

Est. monthly utility  
bill in 25 years



**WITHOUT SOLAR**

**\$450**

Monthly Utility Bill

**\$723**

Est. monthly utility  
bill in 25 years

\*Estimated savings after system purchase and financing costs. Assumes utility rate increases 2.0% per year, and cash flows discounted at 5.0 %.



## YOUR SAVINGS INFORMATION

# SAVINGS DETAIL

(kWh)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Utility Consumption Pre-Solar	1,730	1,549	1,612	1,573	1,554	1,483	1,562	1,556	1,764	1,597	1,545	1,693	19.2k
Utility Consumption Post-Solar	1,312	1,066	808	584	404	290	324	440	851	843	1,060	1,323	9,305
Solar Production	418	484	804	989	1,150	1,193	1,238	1,116	912	754	484	371	9,914
(\$)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Utility Bill Pre-Solar	477	427	441	431	446	425	448	446	511	459	422	466	5,398
Utility Bill Post-Solar	350	280	202	150	109	82	91	117	237	232	275	353	2,478
Utility Bill Savings	128	147	239	280	336	343	357	329	274	227	147	113	2,920
Excess Credit	0	0	0	0	0	0	0	0	0	0	0	0	

\*Estimated savings after system purchase and financing costs. Assumes utility rate increases 2.0 % per year, and cash flows discounted at 5.0 %.

# FINANCING SUMMARY

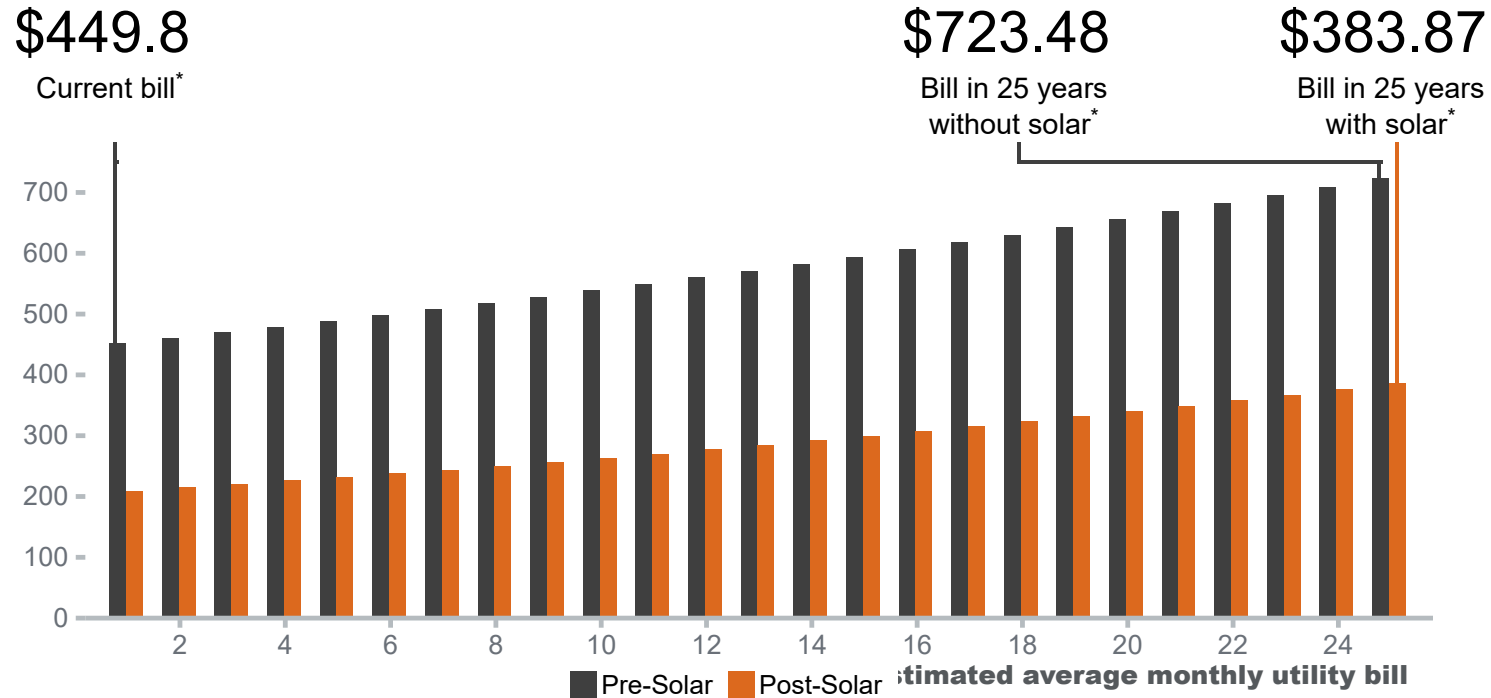


	CASH PURCHASE	LOAN PURCHASE*
Upfront Payment	\$15,840	\$0
Est. Monthly Utility Bill	\$206	\$206
Est. Monthly Loan Payment	\$0	\$475
Rebates and Incentives	- \$4,118	- \$4,118
Total Financing Payments	N/A	\$15,512
25-Year Electric Bill Savings	\$47,287	\$47,287
25-Year IRR	24.59%	n/a%
25-Year LCOE PV	\$0.09	\$0.09
25-Year NPV	\$35,369.62	\$35,697.96
Payback Period	3.9 years	0.0 years
*This is only for demonstration.		

# FINANCING SUMMARY



## THE COST OF NOT GOING SOLAR



### CASH PURCHASE

- Maximize your savings by owning a secure long-term investment.
- Break even in 3.9 years.
- Use federal investment tax credit to reduce your tax liability.
- Increase the market value of your home.

### LOAN PURCHASE

- Numerous low-cost, low-interest rate loan programs are available.
- Achieve immediate savings, as you repay the loan over time.
- Use federal investment tax credit to reduce your tax liability.
- Increase the market value of your home.





# CASH OPTION

Year	Annual Bill Pre Solar	Annual Bill Post Solar	Annual Cashflows	Cumulative Cashflows
0	0	0	(15.8k)	(15.8k)
1	5,398	2,478	7,038	(8,802)
2	5,506	2,543	2,962	(5,839)
3	5,616	2,611	3,005	(2,834)
4	5,728	2,680	3,048	214
5	5,843	2,750	3,092	3,306
6	5,959	2,823	3,137	6,443
7	6,079	2,897	3,182	9,625
8	6,200	2,973	3,227	12.9k
9	6,324	3,051	3,273	16.1k
10	6,451	3,132	3,319	19.4k
11	6,580	3,214	3,366	22.8k
12	6,711	3,299	3,413	26.2k
13	6,845	3,385	3,460	29.7k
14	6,982	3,474	3,508	33.2k
15	7,122	3,565	3,557	36.7k
16	7,264	3,659	3,606	40.4k
17	7,410	3,755	3,655	44k
18	7,558	3,852	3,706	47.7k
19	7,709	3,952	3,757	51.5k
20	7,863	4,055	3,808	55.3k
21	8,021	4,160	3,861	59.1k
22	8,181	4,267	3,914	63.1k
23	8,345	4,378	3,967	67k
24	8,511	4,491	4,021	71k
25	8,682	4,606	4,075	75.1k

CASH

# LOAN OPTION



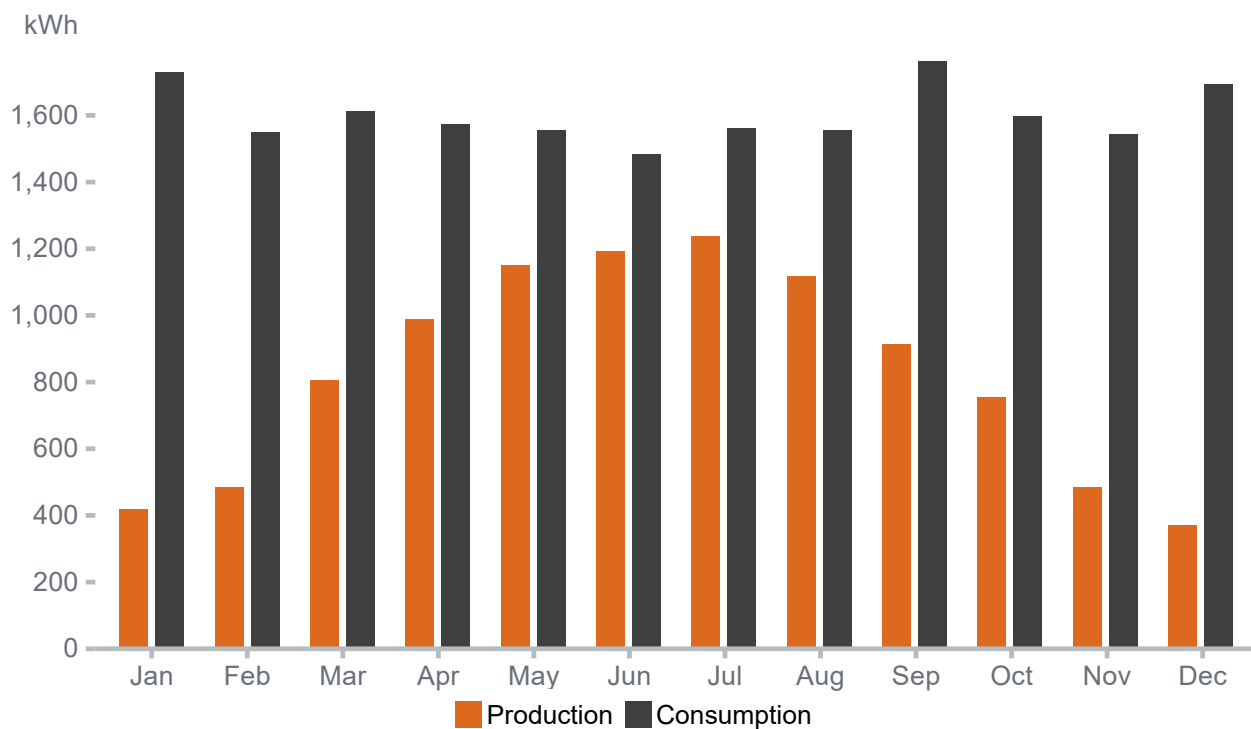
LOAN

Year	Annual Bill Pre Solar	Loan Payment	Annual Bill Post Solar	Annual Cashflows	Cumulative Cashflows
0	0	0	0	0	0
1	5,398	5,696	2,478	1,342	1,342
2	5,506	5,696	2,543	(2,734)	(1,391)
3	5,616	5,696	2,611	(2,691)	(4,082)
4	5,728	0	2,680	3,048	(1,034)
5	5,843	0	2,750	3,092	2,058
6	5,959	0	2,823	3,137	5,195
7	6,079	0	2,897	3,182	8,377
8	6,200	0	2,973	3,227	11.6k
9	6,324	0	3,051	3,273	14.9k
10	6,451	0	3,132	3,319	18.2k
11	6,580	0	3,214	3,366	21.6k
12	6,711	0	3,299	3,413	25k
13	6,845	0	3,385	3,460	28.4k
14	6,982	0	3,474	3,508	31.9k
15	7,122	0	3,565	3,557	35.5k
16	7,264	0	3,659	3,606	39.1k
17	7,410	0	3,755	3,655	42.8k
18	7,558	0	3,852	3,706	46.5k
19	7,709	0	3,952	3,757	50.2k
20	7,863	0	4,055	3,808	54k
21	8,021	0	4,160	3,861	57.9k
22	8,181	0	4,267	3,914	61.8k
23	8,345	0	4,378	3,967	65.8k
24	8,511	0	4,491	4,021	69.8k
25	8,682	0	4,606	4,075	73.9k

A FEW MORE DETAILS ABOUT YOUR SYSTEM

# SYSTEM DETAILS

Type	Manufacturer	Quantity
Module	Trina Solar Energy Co., Ltd	24







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# YOUR DECISION MATTERS

Your system makes a beneficial impact on the environment.  
Feel good about saving money, and saving the planet!



174 Barrels of Oil

The CO<sub>2</sub> emissions of the number of barrels of oil that would produce the equivalent amount of energy as the solar installation.



1,917 Trees Planted

The number of trees that would have to be planted for an equivalent reduction on CO<sub>2</sub> emissions.



61.30 Acres of US Forests

The number of acres of US forest that would have to be planted for an equivalent reduction on CO<sub>2</sub> emissions.