SOLARPONICS
ENERGY MANAGEMENT SYSTEMS

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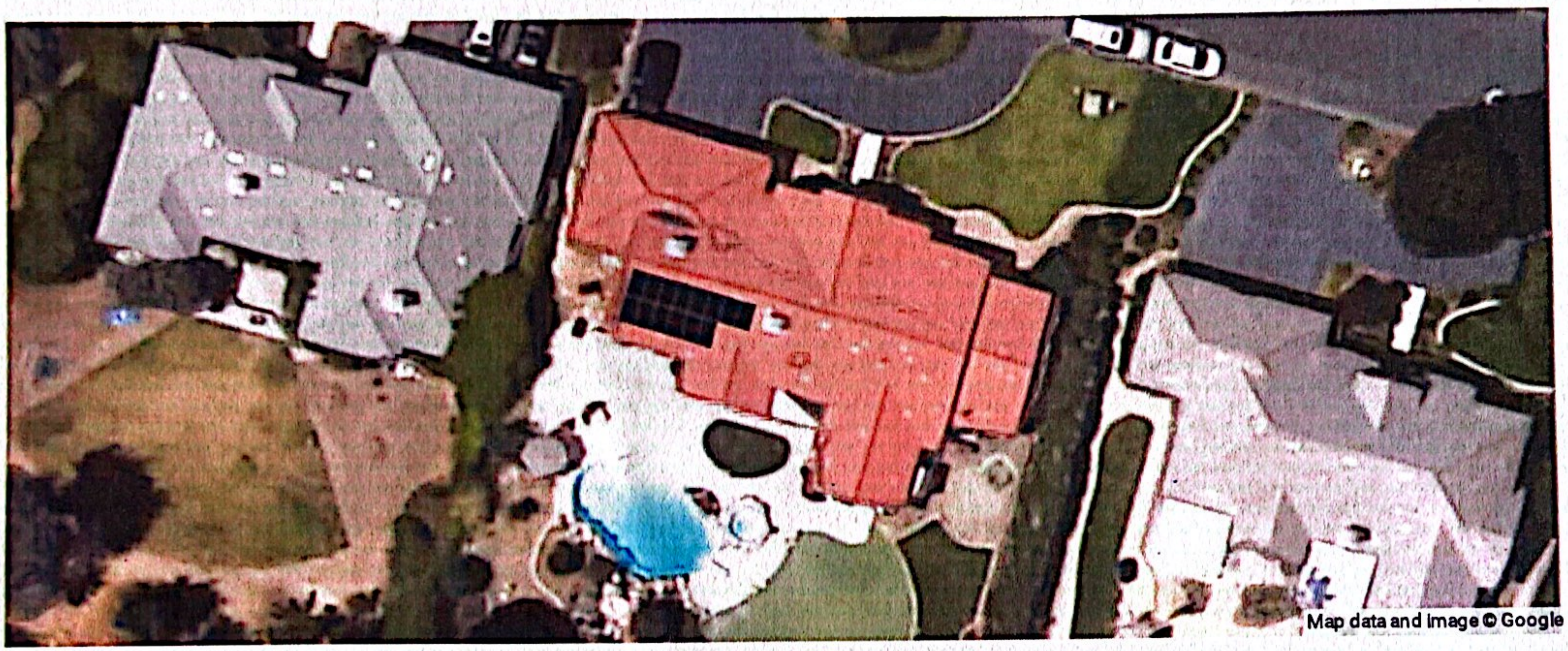
Recommended System Option

93%	$81,239	$33,414	$47,825
Consumption Offset	Lifetime Electricity Bill Savings	Net Cost of this solar system	Estimated net savings over system lifetime



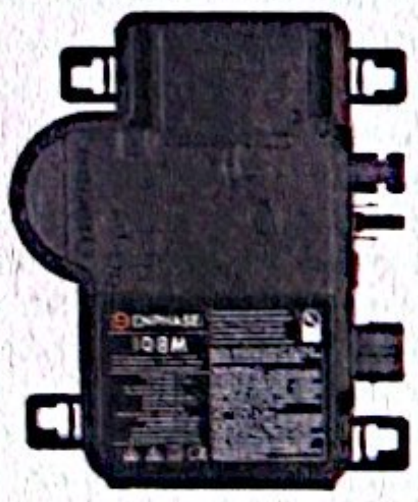
14 panels (w shed)

Your Solution

Solar Panels
Q CELLS
5.670 kW Total Solar Power
14 x 405 Watt Panels (Q.PEAK DUO BLK ML-G10+ 405)
10,221 kWh per year

Battery
Tesla
14 kWh Total Battery Storage
1 x Tesla Powerwall 2.0

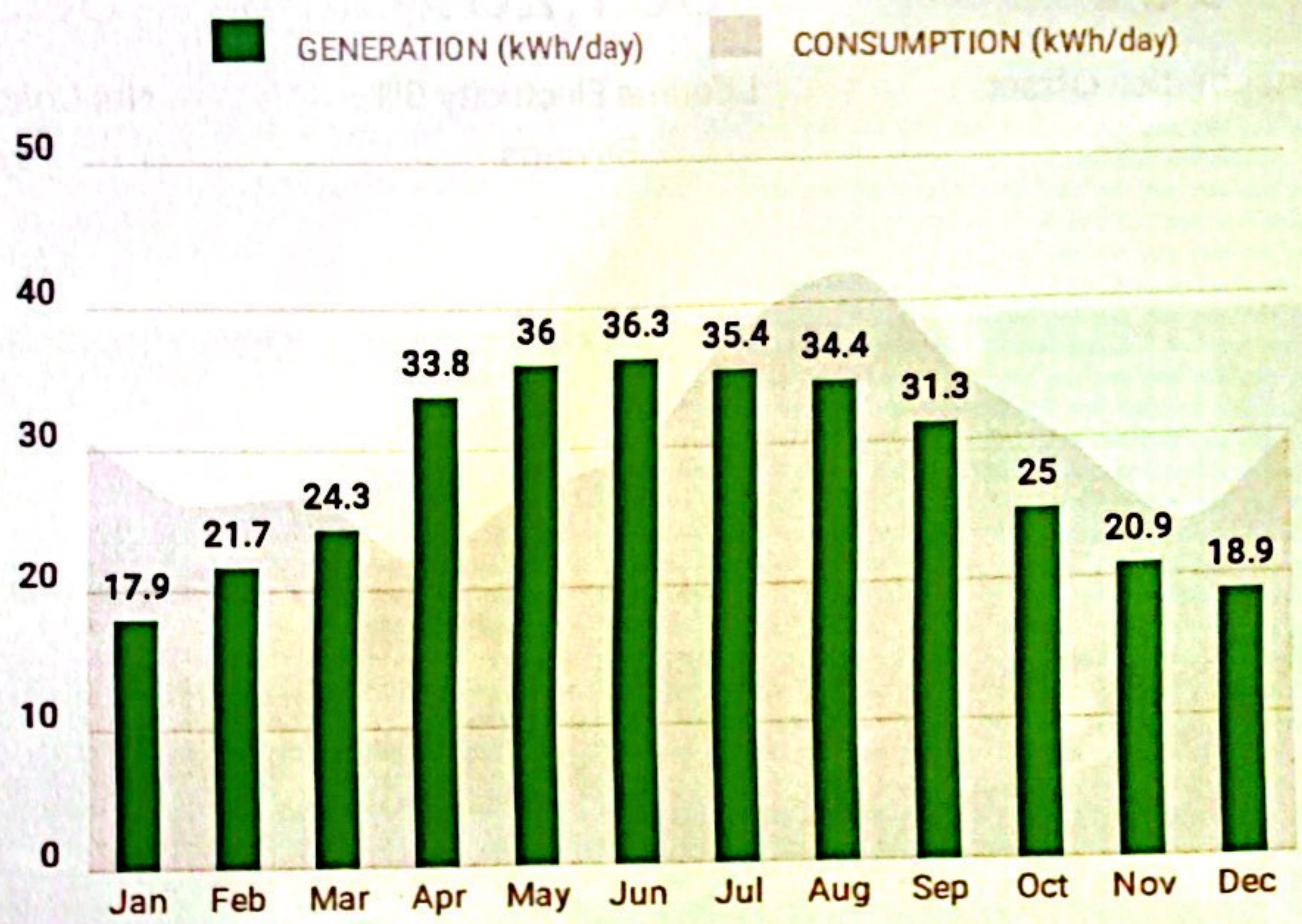
IQ8M-72-2-US
Enphase
14 x IQ8M-72-2-US Microinverters
25 years Warranty



ENPHASE.

Warranties: 25 Year Panel Product Warranty, 25 Year Panel Performance Warranty, 25 Year Inverter Product Warranty, 10 Year Battery Product Warranty

System Performance



93%
Energy From Solar

87%
Self-consumption

13%
Export to grid

System Performance Assumptions: System Total losses: 12.5%, Inverter losses: 2.5%, Optimizer losses: 0%, Shading losses: 4.0%, Performance Adjustment: 0%, Output Calculator: System Advisor Model 2020.02.29.r2. Panel Orientations: 14 panels with Azimuth 197 and Slope 19.

The solar system(s) quoted in this proposal are not intended to be portable.

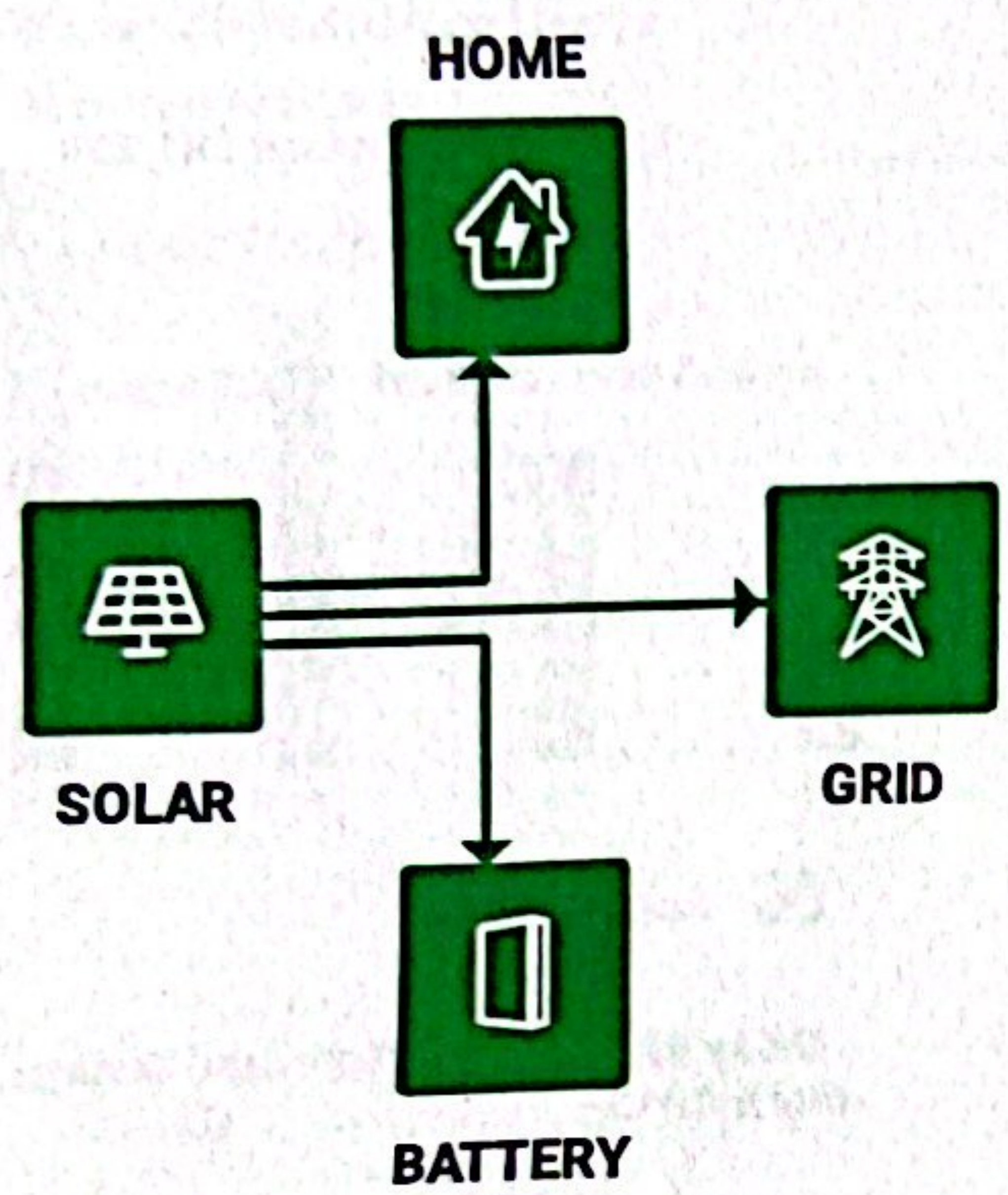
Environmental Benefits

Solar has no emissions. It just silently generates pure, clean energy.

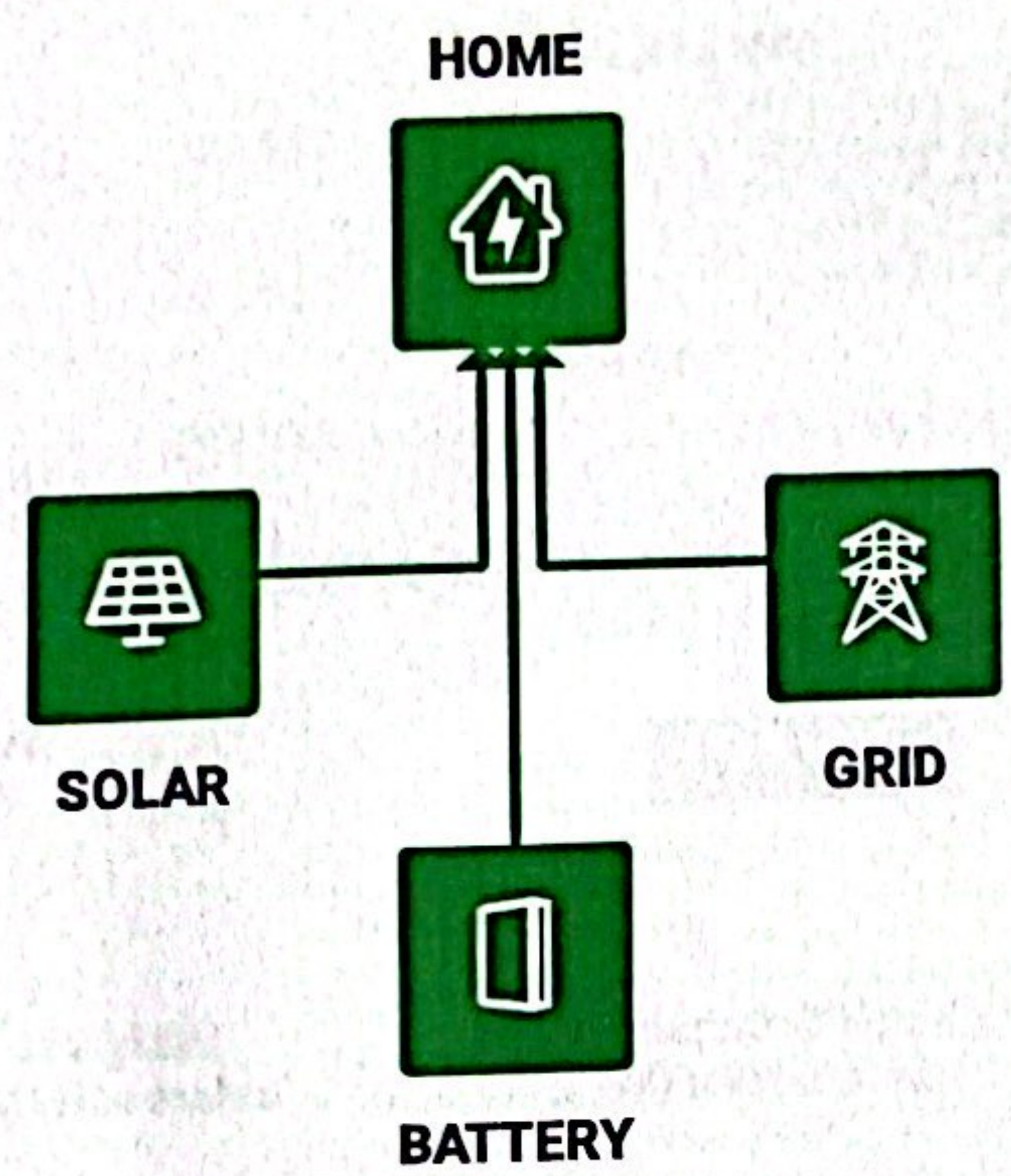
Each Year		Over System Lifetime		
93% Of CO_2, SO_x & NO_x	2 tons Avoided CO_2 per year	37,810 Car miles avoided	391 Trees planted	44 Long haul flights avoided

How Your System Works

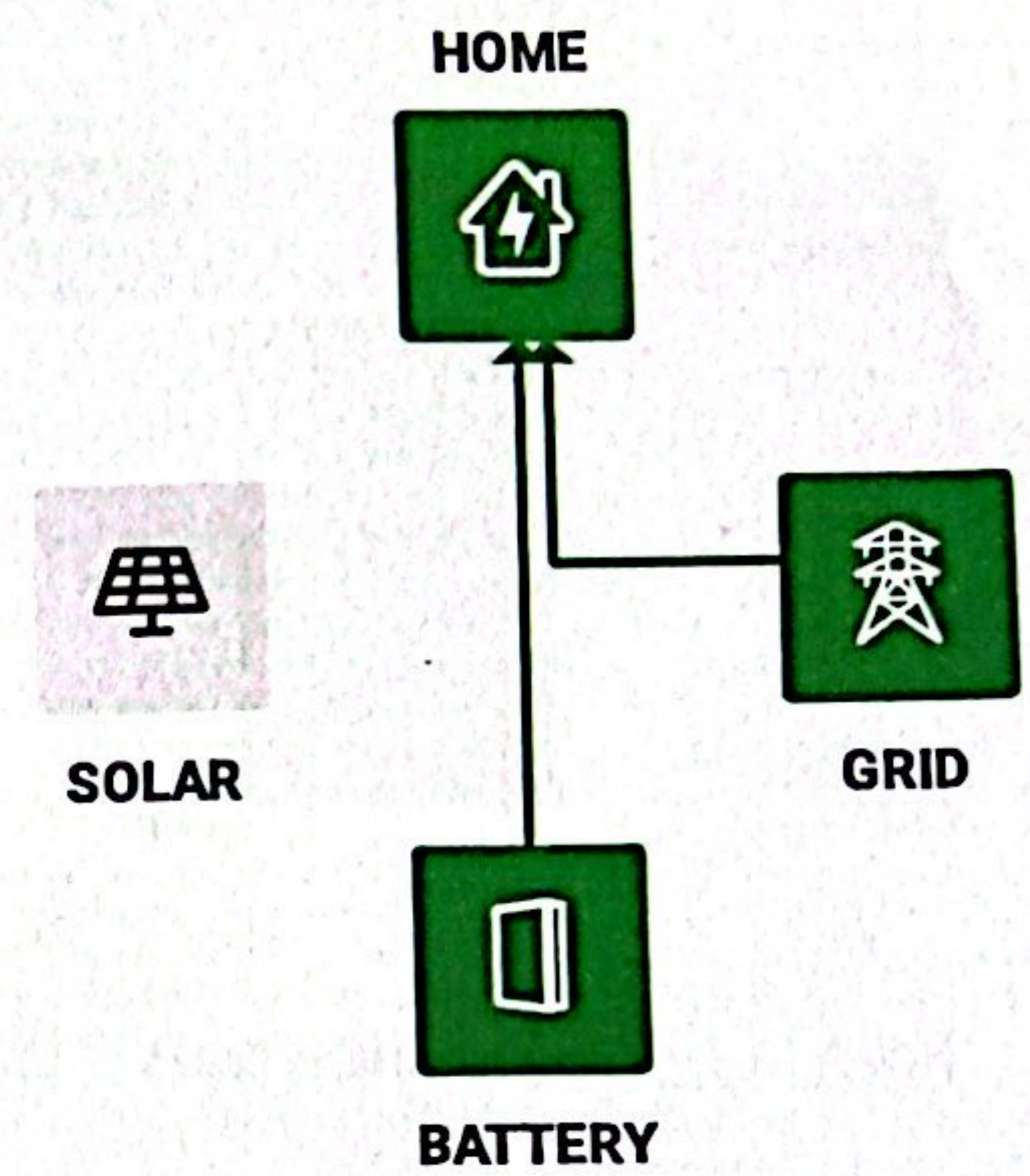
Generating Excess Solar



Partially Offset Usage

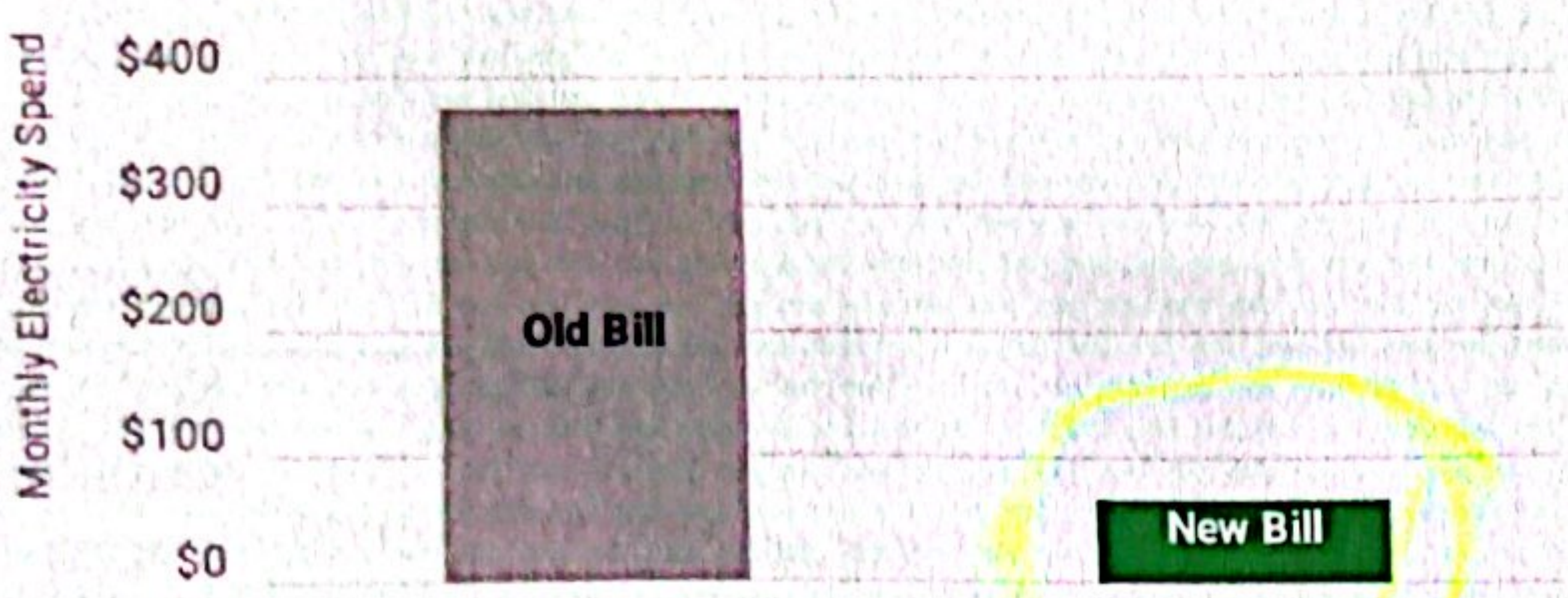


Night



Electricity Bill Savings

First Year Monthly Bill Savings



Lifetime Bill Savings

Month	Solar Generation (kWh)	Electricity Consumption before solar (kWh)	Utility Bill before solar ($)	Utility Bill after solar ($)	Estimated Savings ($)
Jan	556	955	393	134	258
Feb	606	731	294	63	231
Mar	754	830	337	62	275
Apr	1,013	663	264	0	264
May	1,115	828	337	9	328
Jun	1,090	891	365	6	358
Jul	1,097	1,187	495	82	413
Aug	1,066	1,304	547	116	431
Sep	939	1,049	434	82	352
Oct	774	919	376	71	306
Nov	626	720	289	48	241
Dec	586	925	379	114	265

Your projected energy cost is calculated by considering a 3.0% increase in energy cost each year, due to trends in the raising cost of energy. This estimate is based on your selected preferences, current energy costs and the position and orientation of your roof to calculate the efficiency of the system. Projections are based on estimated usage of 11000 kWh per year, assuming Residential Services Region X Basic Electricity Tariff.

Your electricity tariff rates may change as a result of installing the system. You should contact your electricity retailer for further information.

Proposed Tariff Details - Pacific Gas & Electric Co. E-ELEC (NEM3)	
Energy Charges	
Summer Peak Usage Charge ***4pm-9pm from 30 May to 28 Sep***	**$0.56 / kWh**
Summer Part-Peak Usage Charge ***3pm-4pm & 9pm-12am from 30 May to 28 Sep***	**$0.40 / kWh**
Summer Off-Peak Usage Charge ***12am-3pm from 30 May to 28 Sep***	**$0.34 / kWh**

Winter Peak Usage Charge *4pm-9pm from 29 Sep to 29 May*	$0.33 / kWh
Winter Part-Peak Usage Charge *3pm-4pm & 9pm-12am from 29 Sep to 29 May*	$0.31 / kWh
Winter Off-Peak Usage Charge *12am-3pm from 29 Sep to 29 May*	$0.29 / kWh
Feed-in Tariff	
Average Export Rate with Plus Adders	$0.08 /
Fixed Charges	
Fixed Charge	$5.80 / month

[redacted]

Quotation

Payment Option: Cash

14 x Q.PEAK DUO BLK ML-G10+ 405 405 Watt Panels (Q CELLS) 14 x IQ8M-72-2-US (Enphase) 1 x Tesla Powerwall 2.0 (Tesla)	
Total System Price	$47,734.00
Purchase Price	**$47,734.00**

Additional Incentives

ITC Tax Credit 30%	$14,320.20
Net System Cost	**$33,413.80**

Price excludes Retailer Smart Meter should you want us to install your Smart Meter it will be an additional cost.
This proposal is valid until Oct 08 2023.

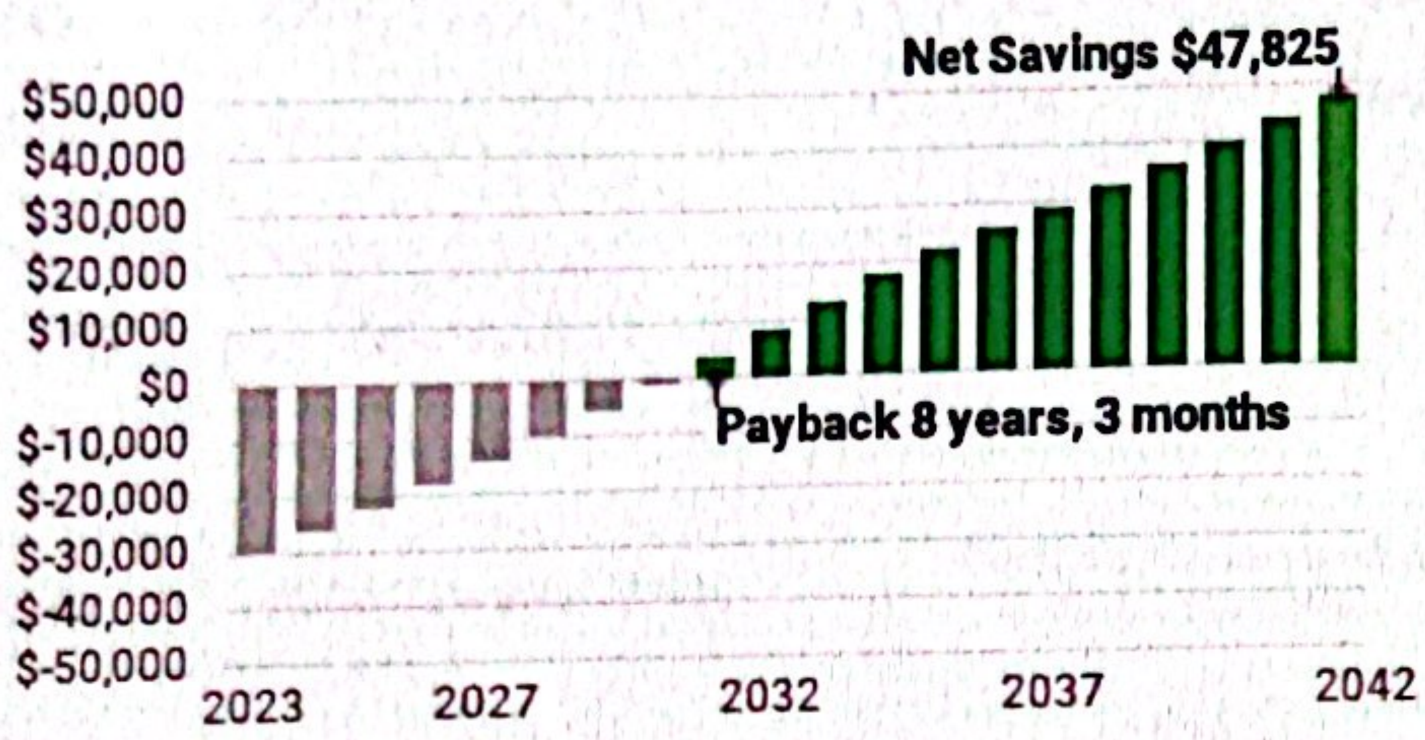
Payment Milestones

Deposit Project Implementation	1,000.00
Procurement Design, Engineering, Equipment Procurement	14,320.20
Delivery Equipment Delivery at Installation, Permitting	23,867.00
Remaining Balance Final Inspection	8,546.80
Total	**47,734.00**

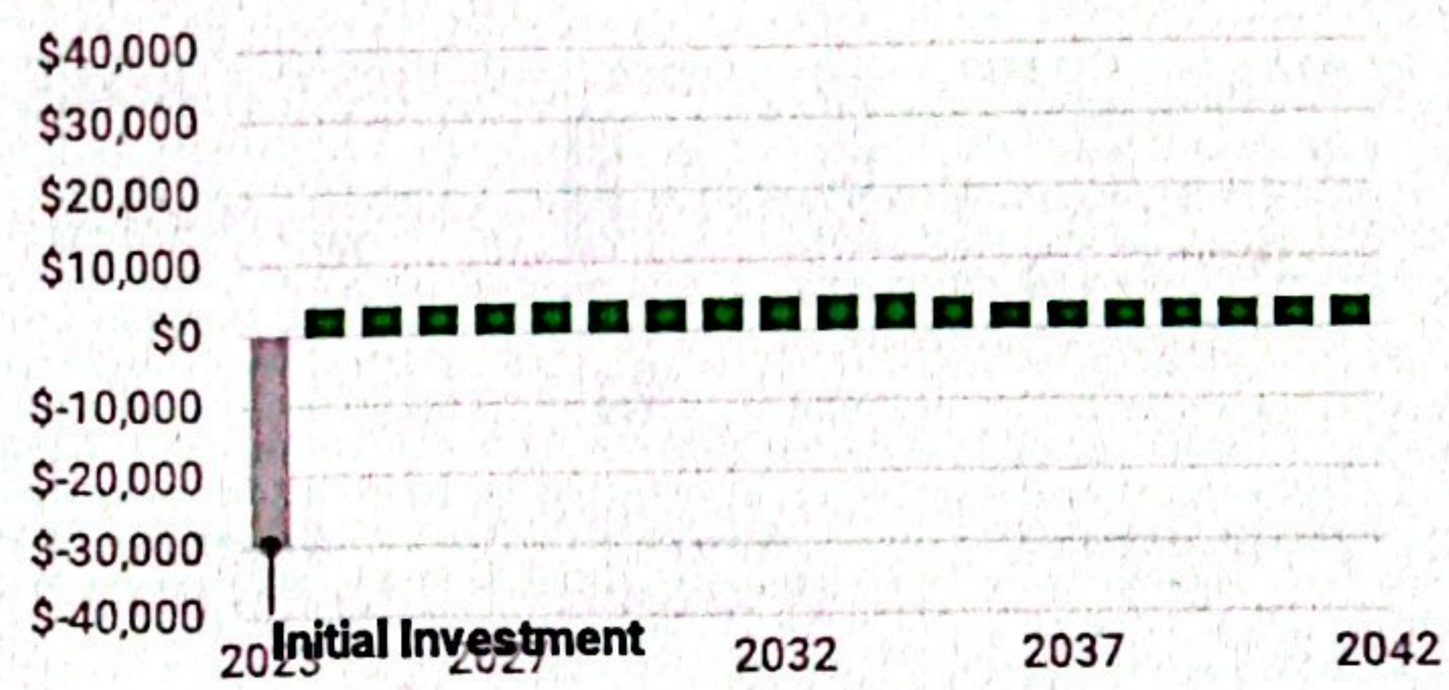
Net Financial Impact Cash

$81,239	-	$33,414	=	$47,825
Utility Bill Savings		Net System Cost		Estimated Net Savings

Cumulative Savings From Going Solar



Annual Savings From Going Solar



$10,635	11.9 years	143%	10.6%
Net Present Value	Discounted Payback Period	Total Return on Investment	Rate of Return on Investment

Year	Electricity Consumption (kWh)	Solar Generation (kWh)	Utility Bill (before solar) ($)	Utility Bill (after solar) ($)	Annual Savings (from solar) ($)	System Costs (Net of Dealer Incentives) ($)	Customer Incentives (Upfront) ($)	Net Savings ($)	Cumulative Impacts ($)
2023	11,000	10,221	4,509	788	3,721	47,734	14,320	(29692)	(29692)
2024	11,000	10,169	4,644	824	3,820	0	0	3819	(25872)
2025	11,000	10,118	4,784	872	3,911	0	0	3911	(21961)
2026	11,000	10,067	4,927	914	4,014	0	0	4013	(17948)
2027	11,000	10,016	5,075	958	4,117	0	0	4117	(13831)
2028	11,000	9,965	5,227	1,006	4,221	0	0	4221	(9609)
2029	11,000	9,914	5,384	1,053	4,331	0	0	4331	(5278)
2030	11,000	9,863	5,546	1,135	4,410	0	0	4410	(868)
2031	11,000	9,812	5,712	1,189	4,523	0	0	4522	3654
2032	11,000	9,761	5,883	1,288	4,595	0	0	4595	8249
2033	11,000	9,709	6,060	1,357	4,703	0	0	4702	12952
2034	11,000	9,658	6,242	1,429	4,813	0	0	4812	17764
2035	11,000	9,607	6,429	2,199	4,230	0	0	4229	21994
2036	11,000	9,556	6,622	3,219	3,403	0	0	3402	25397

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ENERGY MANAGEMENT SYSTEMS

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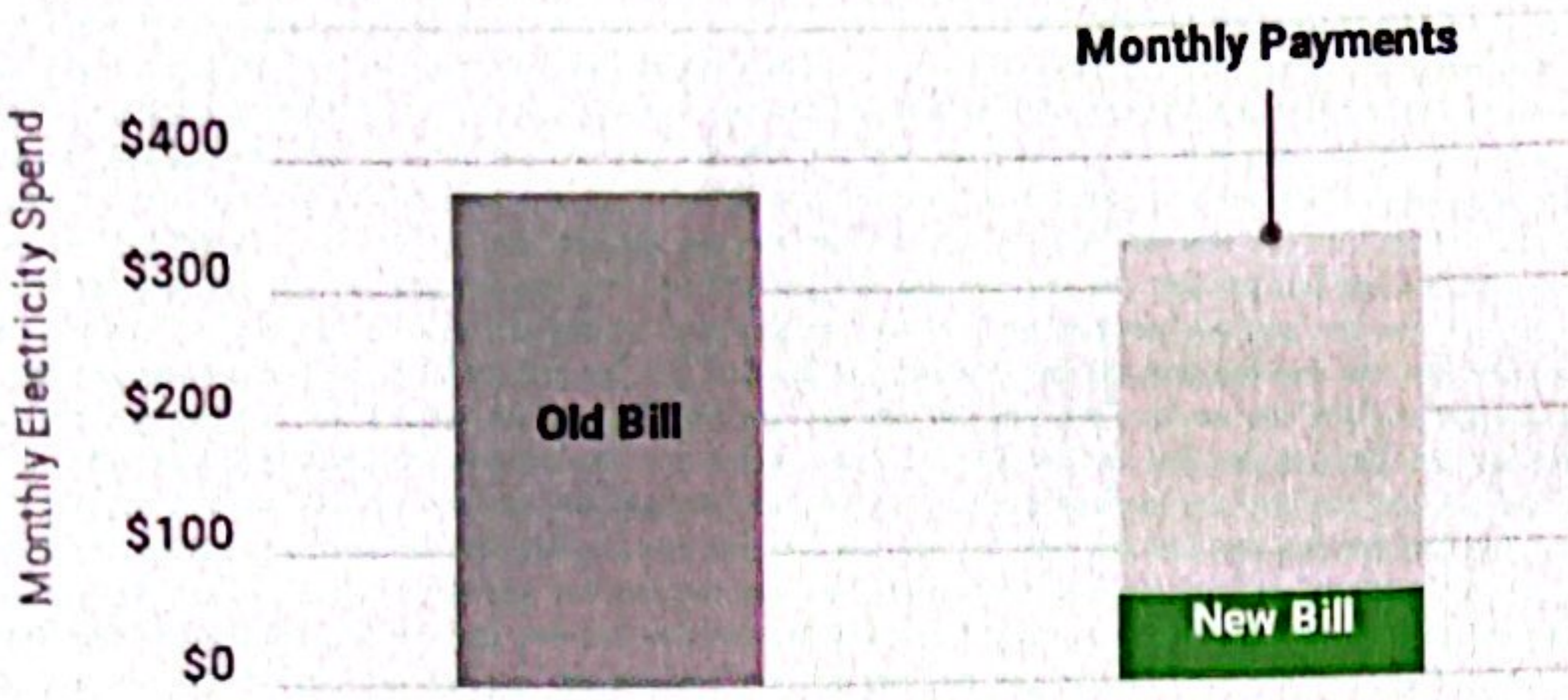
Year	Electricity Consumption (kWh)	Solar Generation (kWh)	Utility Bill (before solar) ($)	Utility Bill (after solar) ($)	Annual Savings (from solar) ($)	System Costs (Net of Dealer Incentives) ($)	Customer Incentives (Upfront) ($)	Net Savings ($)	Cumulative Impacts ($)
2037	11,000	9,505	6,820	3,327	3,493	0	0	3493	28890
2038	11,000	9,454	7,025	3,439	3,586	0	0	3586	32476
2039	11,000	9,403	7,236	3,554	3,682	0	0	3681	36158
2040	11,000	9,352	7,453	3,673	3,780	0	0	3780	39938
2041	11,000	9,301	7,676	3,788	3,888	0	0	3887	43826
2042	11,000	9,250	7,907	3,908	3,999	0	0	3998	47825

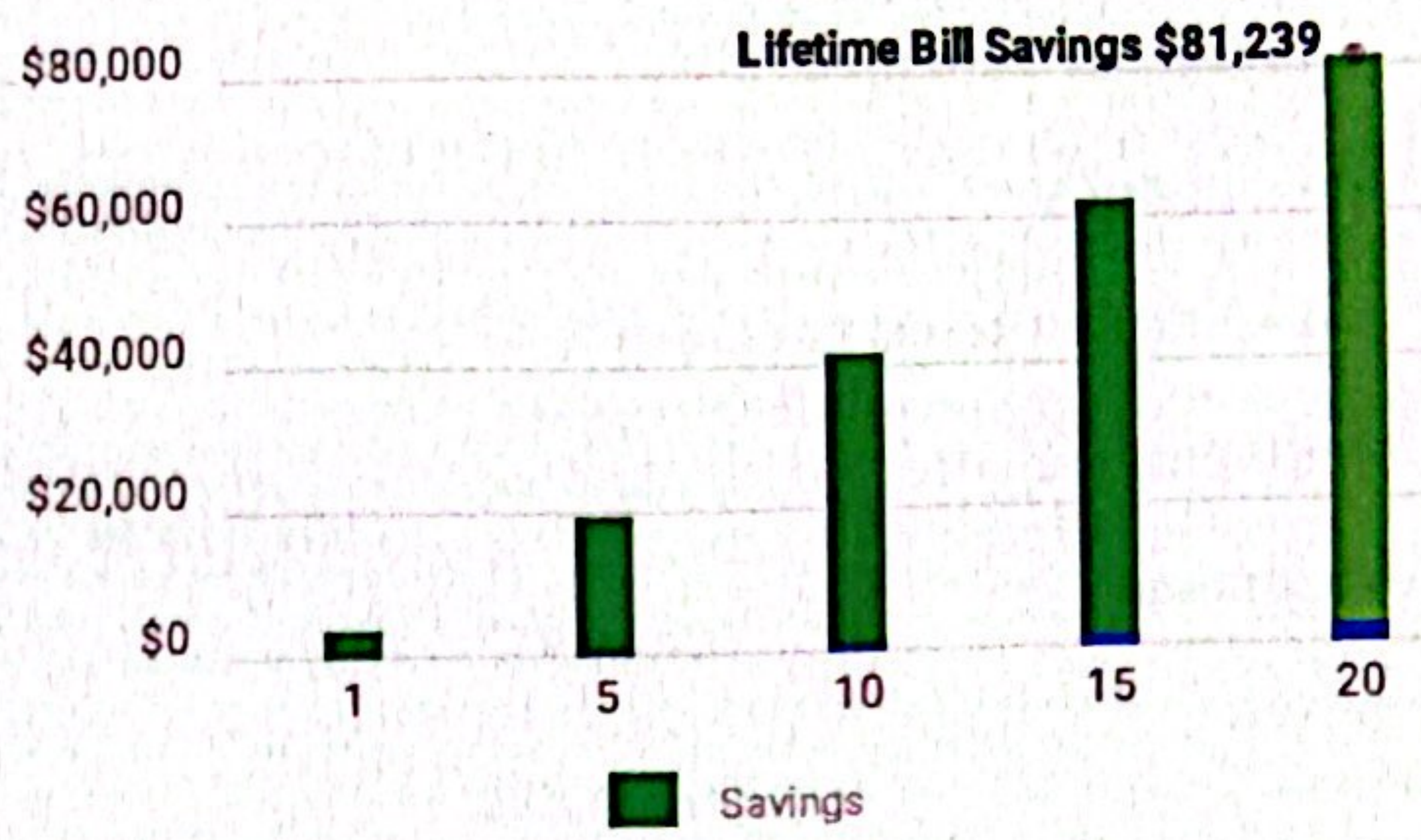
Estimates do not include replacement costs of equipment not covered by a warranty. Components may need replacement after their warranty period. Financial discount rate assumed: 6.75%

Electricity Bill Savings

First Year Monthly Bill Savings



Lifetime Bill Savings



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Proposed Tariff Details - Pacific Gas & Electric Co. E-ELEC (NEM3)

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Summer Part-Peak Usage Charge *3pm-4pm & 9pm-12am from 30 May to 28 Sep*	$0.40 / kWh
Summer Off-Peak Usage Charge *12am-3pm from 30 May to 28 Sep*	$0.34 / kWh

Winter Peak Usage Charge *4pm-9pm from 29 Sep to 29 May*	$0.33 / kWh
Winter Part-Peak Usage Charge *3pm-4pm & 9pm-12am from 29 Sep to 29 May*	$0.31 / kWh
Winter Off-Peak Usage Charge *12am-3pm from 29 Sep to 29 May*	$0.29 / kWh
Feed-in Tariff	
Average Export Rate with Plus Adders	$0.08 /
Fixed Charges	
Fixed Charge	$5.80 / month

SOLARPONICS
ENERGY MANAGEMENT SYSTEMS

[redacted]

Quotation

Payment Option: Credit Human PROMO 052023

14 x Q.PEAK DUO BLK ML-G10+ 405 405 Watt Panels (Q CELLS) 14 x IQ8M-72-2-US (Enphase) 1 x Tesla Powerwall 2.0 (Tesla)	
Total System Price	$47,734.00
Purchase Price	$47,734.00
Down Payment	$14,320.20
Loan Amount	$33,413.80
Loan Interest Rate	7.49%
Loan Term	20 years
No Interest Months 1-6	$0.00
No Payments Months 1-6	$0.00
Monthly Loan Repayments Over 20 years	$273.00
Total Payments Over 20 years	$79,583.43

Additional Incentives

ITC Tax Credit 30%	$14,320.20
Net System Cost	$33,413.80

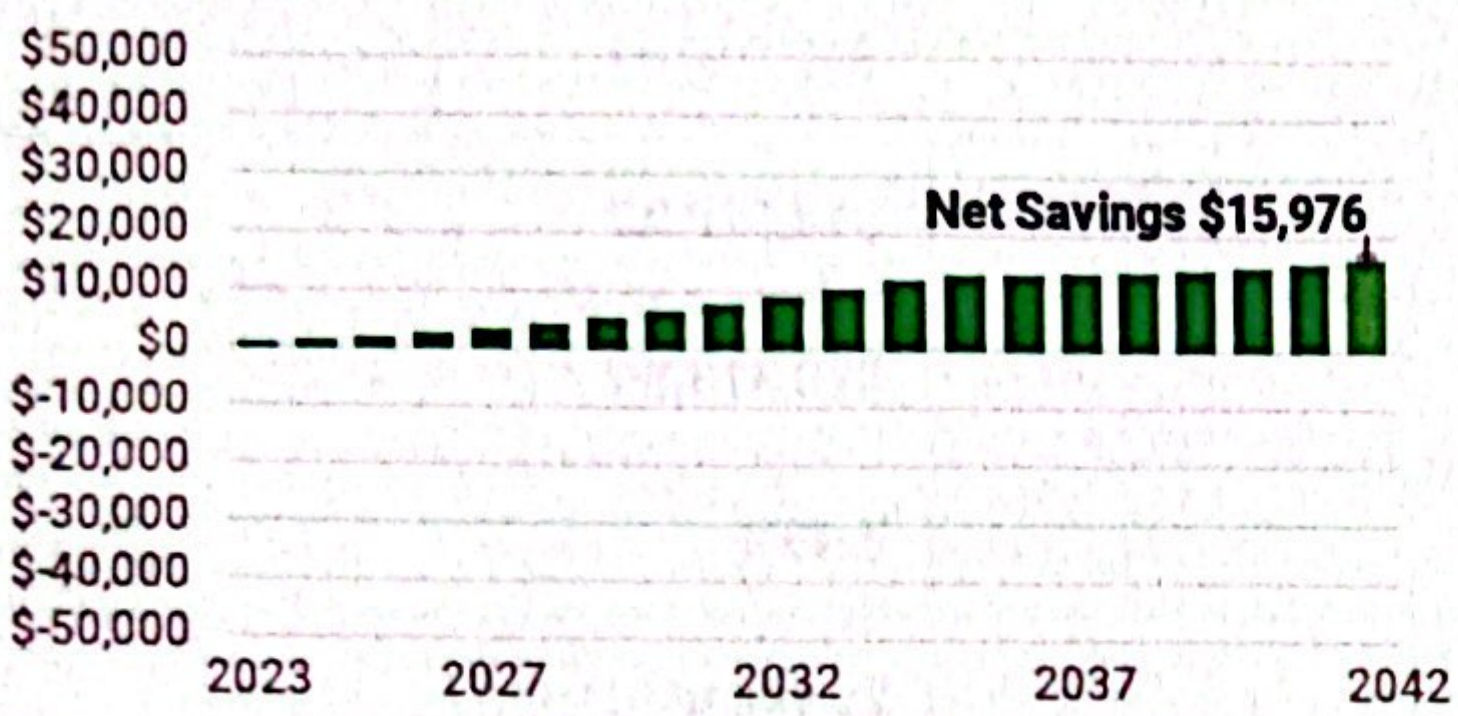
[illegible]

[illegible]

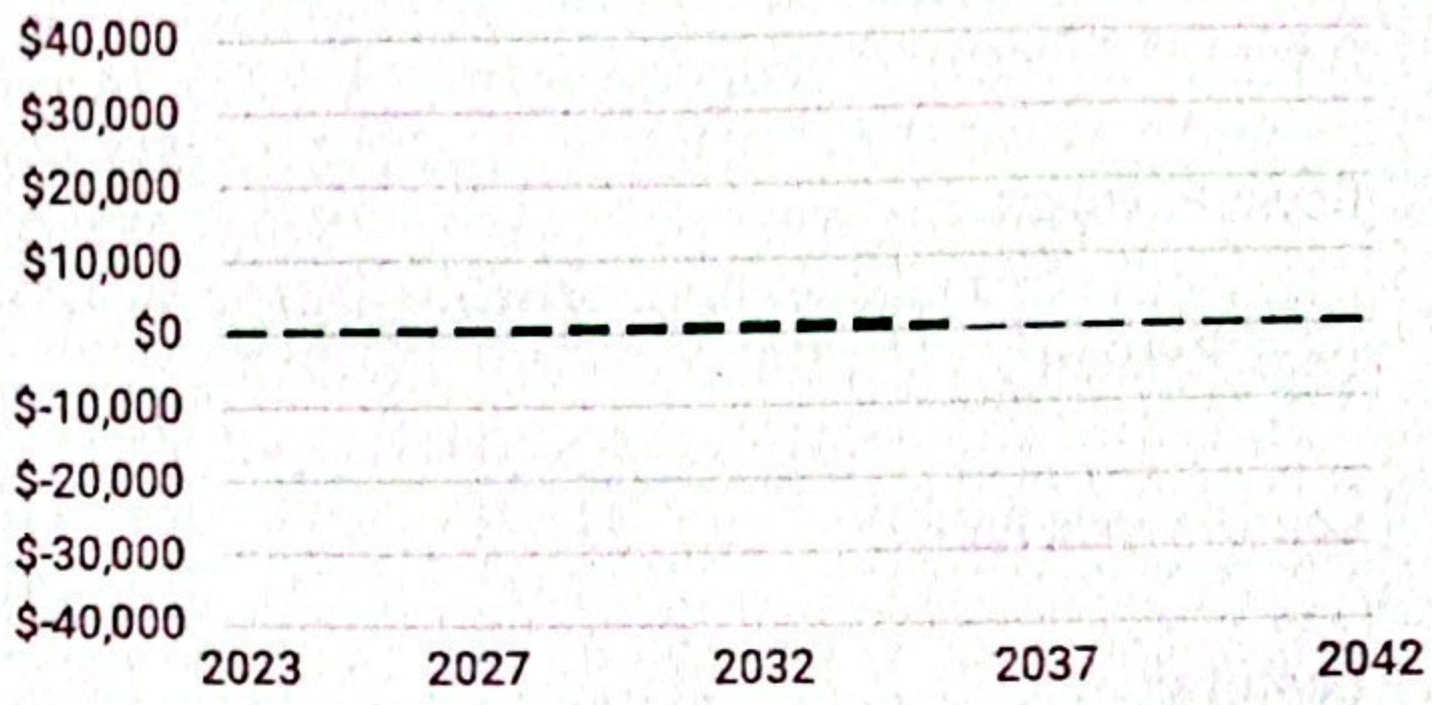
Net Financial Impact Credit Human PROMO 052023

$81,239	-	$65,263	=	$15,976
Utility Bill Savings		Total Payments over 20 years		Estimated Net Savings

Cumulative Savings From Going Solar



Annual Savings From Going Solar



$8,801	24%	2.2%
Net Present Value	Total Return on Investment	Rate of Return on Investment

Year	Electricity Consumption (kWh)	Solar Generation (kWh)	Utility Bill (before solar) ($)	Utility Bill (after solar) ($)	Annual Savings (from solar) ($)	System Costs (Net of Dealer Incentives) ($)	Customer Incentives (Upfront) ($)	Net Savings ($)	Cumulative Impacts ($)
2023	11,000	10,221	4,509	788	3,721	17,573	14,320	467	467
2024	11,000	10,169	4,644	824	3,820	3,264	0	556	1024
2025	11,000	10,118	4,784	872	3,911	3,264	0	647	1671
2026	11,000	10,067	4,927	914	4,014	3,264	0	749	2421
2027	11,000	10,016	5,075	958	4,117	3,264	0	853	3274
2028	11,000	9,965	5,227	1,006	4,221	3,264	0	957	4232
2029	11,000	9,914	5,384	1,053	4,331	3,264	0	1067	5300
2030	11,000	9,863	5,546	1,135	4,410	3,264	0	1146	6446
2031	11,000	9,812	5,712	1,189	4,523	3,264	0	1258	7705
2032	11,000	9,761	5,883	1,288	4,595	3,264	0	1331	9037
2033	11,000	9,709	6,060	1,357	4,703	3,264	0	1438	10476
2034	11,000	9,658	6,242	1,429	4,813	3,264	0	1548	12025
2035	11,000	9,607	6,429	2,199	4,230	3,264	0	966	12991
2036	11,000	9,556	6,622	3,219	3,403	3,264	0	139	13130

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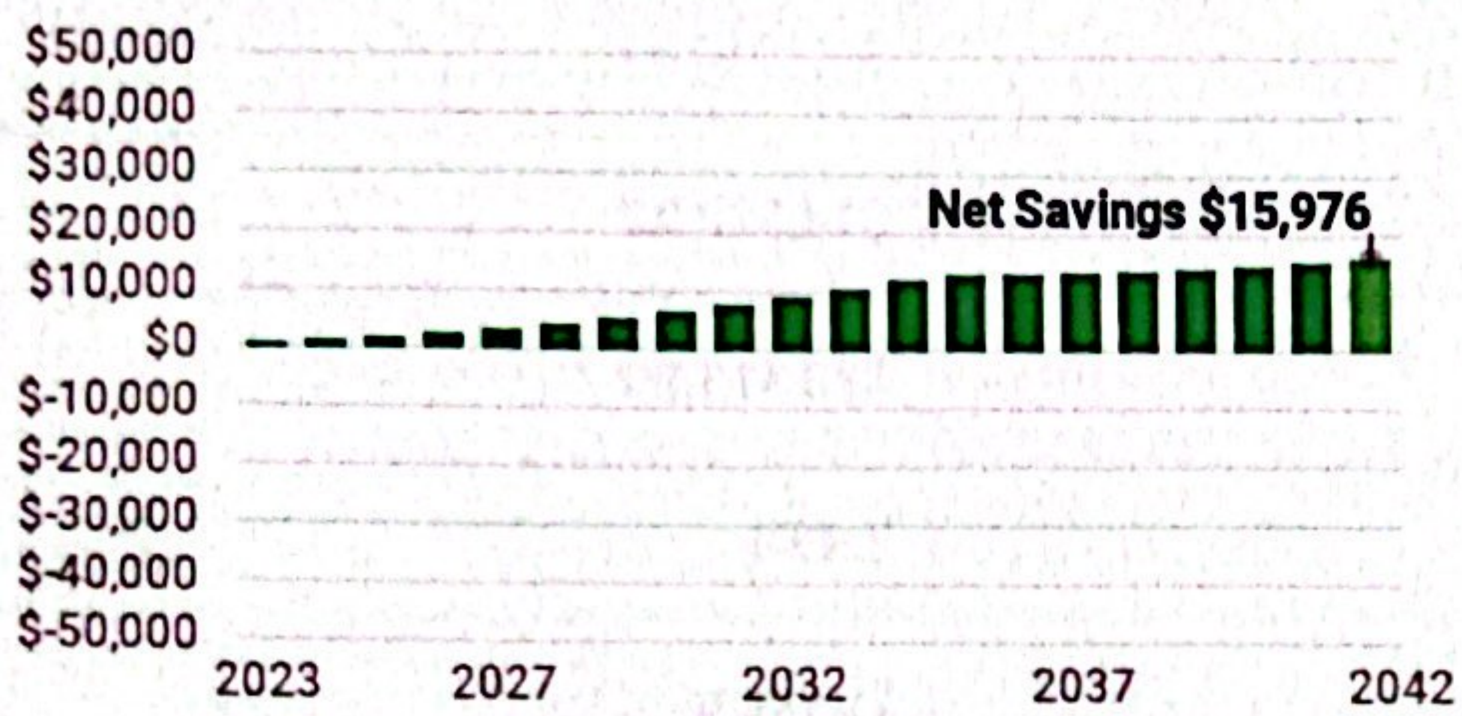
ENERGY MANAGEMENT SYSTEMS

[redacted]

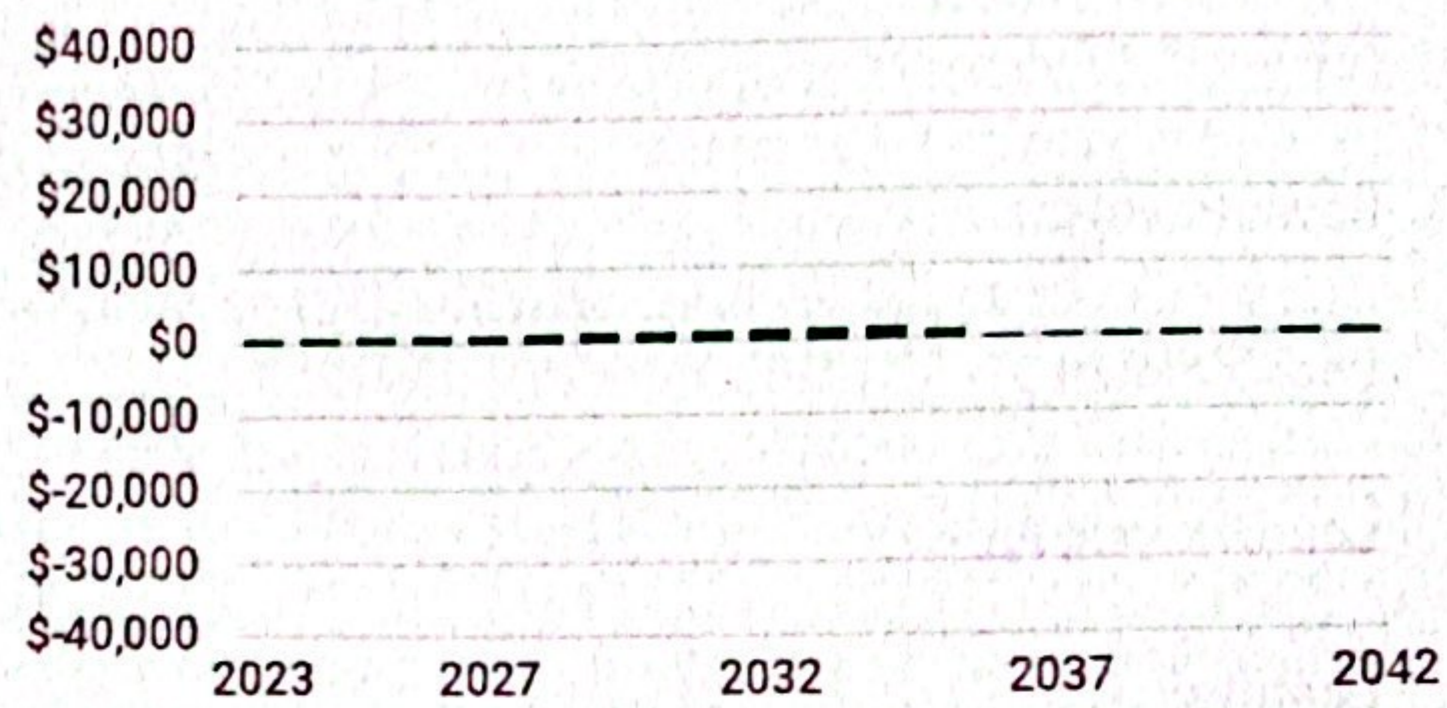
Net Financial Impact Credit Human PROMO 052023

$81,239	-	$65,263	=	$15,976
Utility Bill Savings		Total Payments over 20 years		Estimated Net Savings

Cumulative Savings From Going Solar



Annual Savings From Going Solar



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Net Present Value	Total Return on Investment	Rate of Return on Investment

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2025	11,000	10,118	4,784	872	3,911	3,264	0	647	1671
2026	11,000	10,067	4,927	914	4,014	3,264	0	749	2421
2027	11,000	10,016	5,075	958	4,117	3,264	0	853	3274
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2035	11,000	9,607	6,429	2,199	4,230	3,264	0	966	12991
2036	11,000	9,556	6,622	3,219	3,403	3,264	0	139	13130

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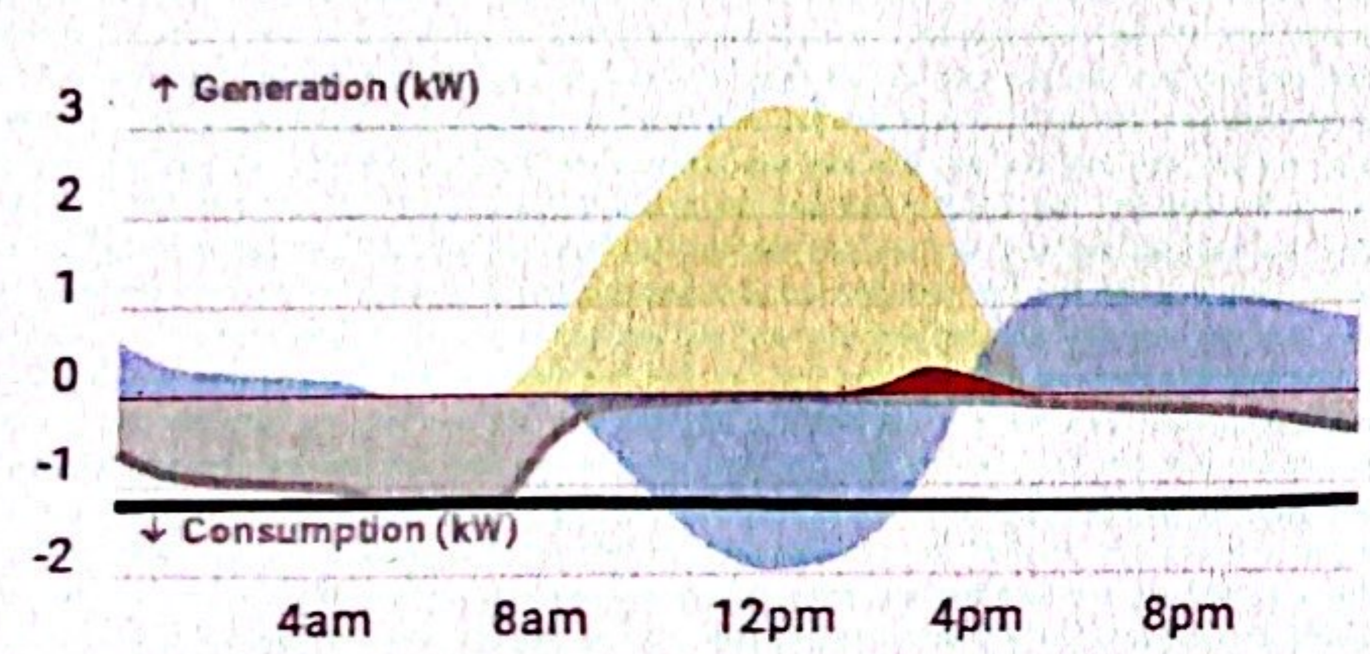
2038	11,000	9,454	7,025	3,439	3,586	3,264	0	322	13682
2039	11,000	9,403	7,236	3,554	3,682	3,264	0	417	14100
2040	11,000	9,352	7,453	3,673	3,780	3,264	0	516	14616
2041	11,000	9,301	7,676	3,788	3,888	3,264	0	624	15240
2042	11,000	9,250	7,907	3,908	3,999	3,264	0	735	15975

Estimates do not include replacement costs of equipment not covered by a warranty. Components may need replacement after their warranty period. Financial discount rate assumed: 6.75%

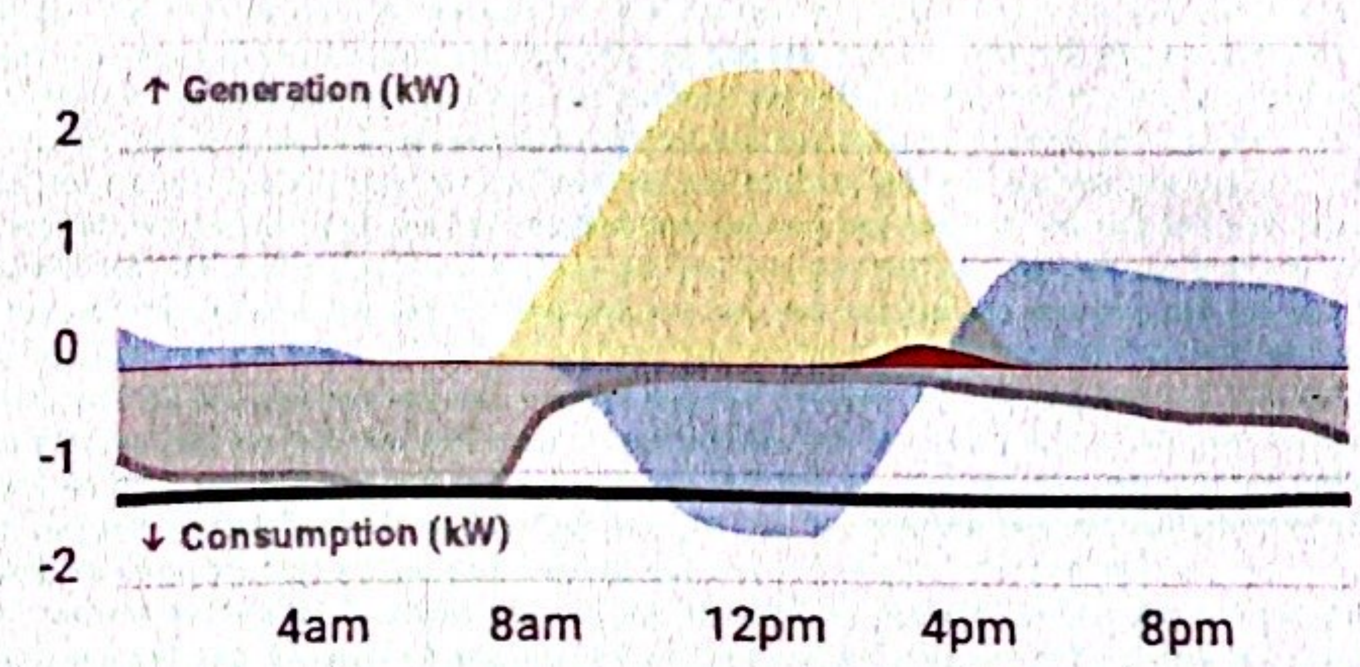
Daily Energy Flows

CONSUMPTION (kWh) GENERATION (kWh) BATTERY (kWh) NET CONSUMPTION (kWh) EXPORT TO GRID (kWh)

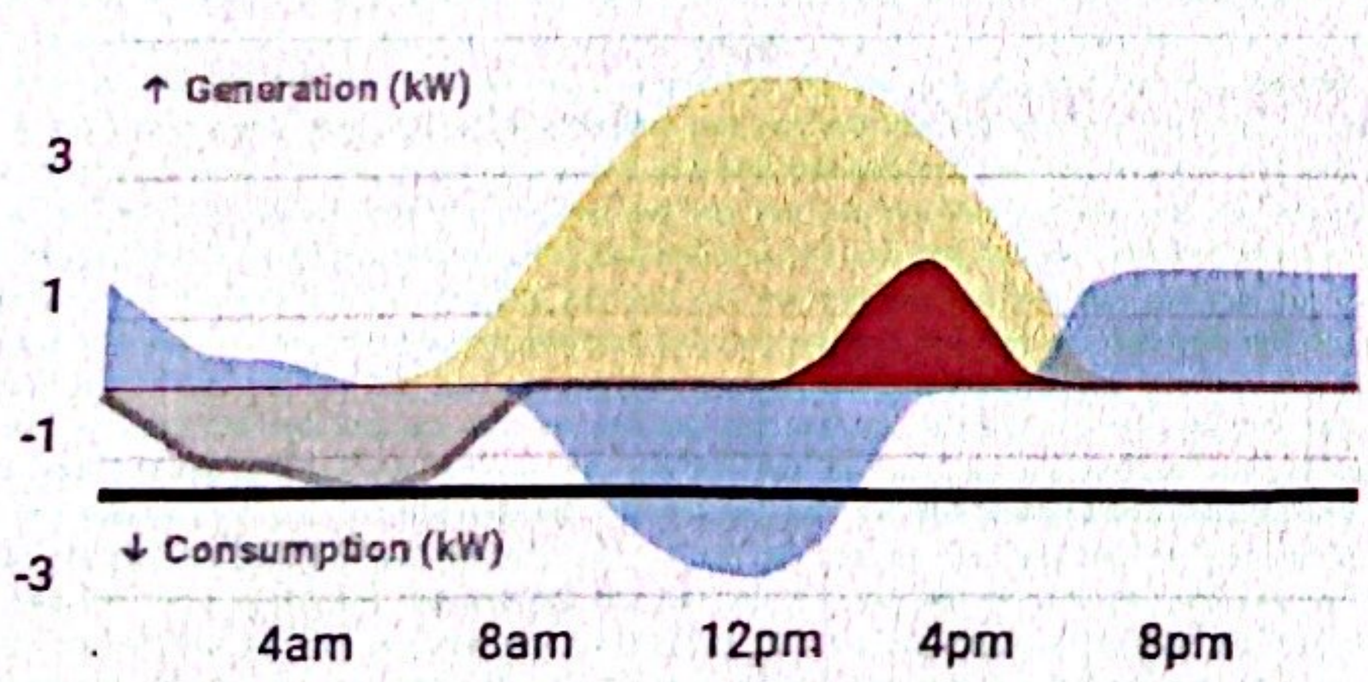
Winter Weekday



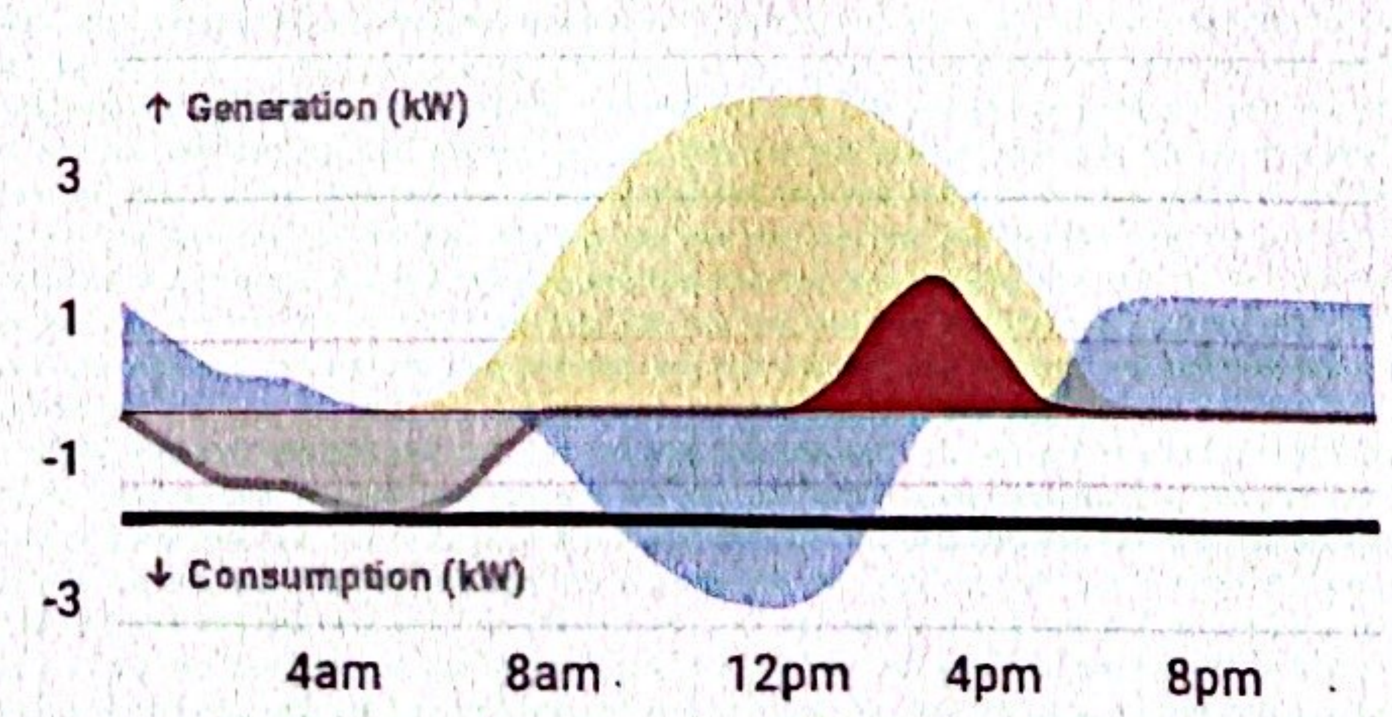
Winter Weekend



Summer Weekday



Summer Weekend



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Daily Energy Flows