

Welcome,

## Paul Phillips

28439 Asher Falls Ln Fulshear ,TX 77441

[Get Started!](#)

Prepared by: Jared Brough | 307-371-1514 | [jared.brough@sunderenergy.com](mailto:jared.brough@sunderenergy.com)

Freedom Forever California, LLC

Lic. 1029644

B - General Building Contractor

C10 - Electrical

C46 - Solar

C39 - Roofing

Created Date: Apr 23, 2021

# The Cost of Doing Nothing

You signed up to buy utility power when you bought your house because there was no other option. Now you have the choice to generate affordable, clean energy right at your home!

**\$245**

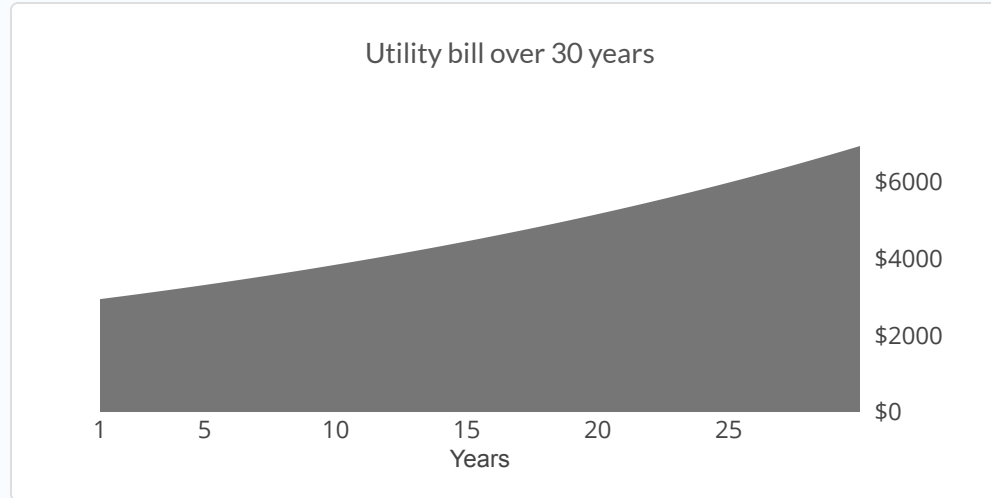
Your utility bill today

**\$578**

Your bill in 30 years\*

**\$140,117**

Total utility cost over 30 years\*



Your utility bill is likely to go up as much as **3.00%** every year as rates increase\*. Don't get locked in to rising, unpredictable rates.

\*Utility payments will vary based on local rates and rate changes. Local rates are subject to change.

# Your System

Your system is designed to save you money by offsetting your power consumption from your utility company. See how your system will produce power below.

**17.500 kW**

System size

**24,419 kWh**

Year 1 system production

**24,543 kWh**

Annual usage

**50 X LONGI SOLAR LR4-60HPB-350M**

Panels

**SOLAREEDGE**

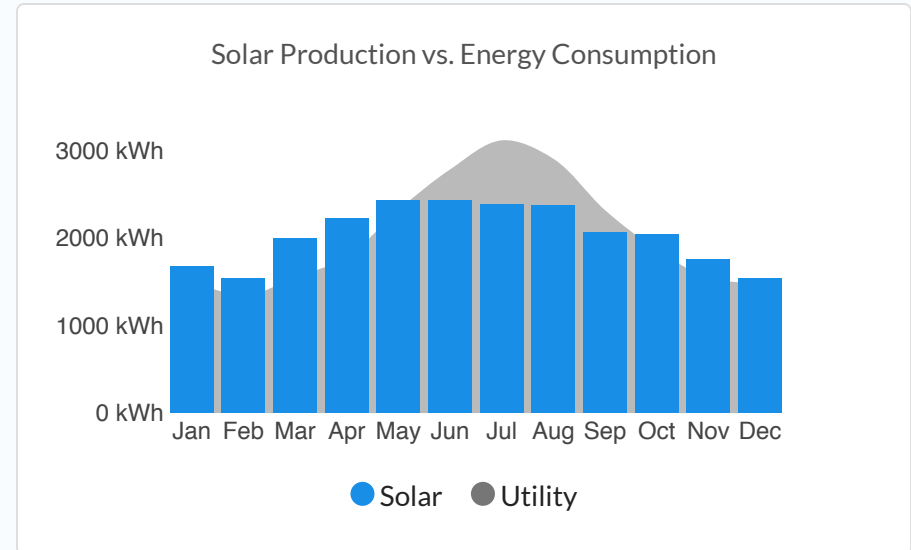
Inverters

**99%**

Offset



28439 Asher Falls Ln Fulshear, TX 77441



\*Savings and system production will vary based on final design, utility rates, and household energy usage. The actual savings vary based on a number of factors, including weather, shading from growing trees, damage to system components, your future electricity use, and the fluctuation of the price of electricity in your utility district.

# Your Savings Options

	<b>Utility</b> <small>The cost of doing nothing</small>	<b>Option A</b> <small>MOS PowerSwitch Loan</small>
<b>Solar Payment</b>		
Monthly Solar Payment (Yr 1)**	\$0	\$218
Monthly Utility Payment (Yr 1)*	\$245	\$1
Initial Payment	\$0	\$0
<b>Solar Product Terms</b>		
Contract Term	n/a	25 years
Rate Escalator	3.00%	--
<b>Lifetime Savings &amp; Comparison</b>		
Solar Rate (30-Year Avg)	\$0.190 / kWh	\$0.099 / kWh
Estimated 30-Year savings*	\$0	<b>\$58,709</b>

\*This is not an offer for financing nor a commitment to lend. You must apply directly with the lender. Financing is subject to underwriting and approval. Your actual available terms and rates may vary. Incentives and tax savings are estimates, intended only for illustration purposes, and are not guaranteed. Your results may vary from the figures shown. You should consult your tax advisor to determine whether you are eligible for tax benefits.

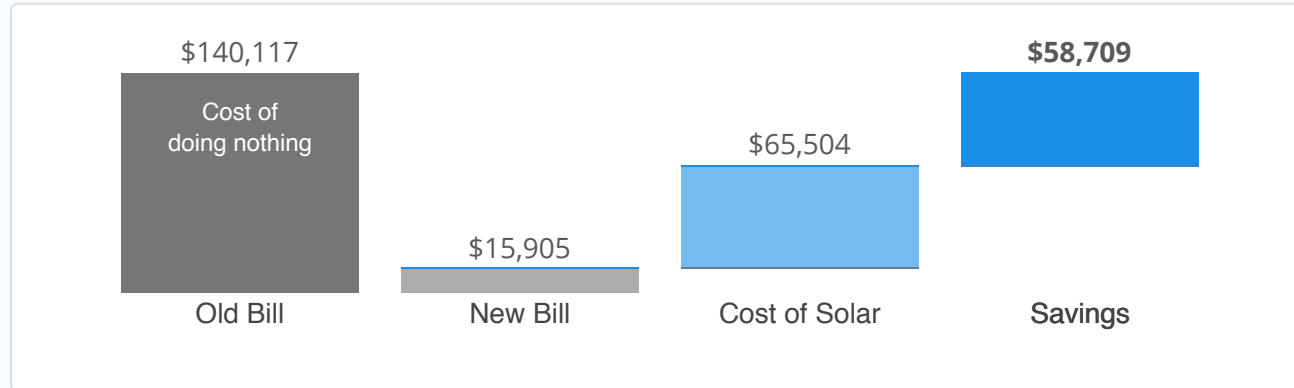
\*\*The Monthly Solar Payment reflected is your estimated payment for the first 18 months. After the 18th month, your Monthly Solar Payment will adjust based upon the principle balance of the loan at that time. If you pay down your loan by 26% during the first 18 months, which is the amount denoted as the Buydown Amount, your Monthly Solar Payment will stay the same. If during the first 18 months, you pay down your loan by less than the Buydown Amount, your Monthly Solar Payment will be increased to amortize the remaining principal balance (which would be greater than the originally assumed amount). Conversely, if you pay down your loan in an amount greater than the Buydown Amount, your Monthly Solar Payment after the first 18 months will be reduced to reflect the lower principal balance than originally assumed for the balance of the term. Please review the details of your loan, including the payment amounts, provided in your loan agreement. The first payment will be due approximately 60 days after installation. Tax credits, incentives, and savings are not guaranteed.

\*\*\*If your utility company does not offer net metering, for each kWh of solar electricity produced and exported to the utility grid, you may be credited at a rate set by your utility company. While this rate may fluctuate from time to time, it is generally lower than the normal retail rate that you would pay to purchase that same kWh back from the utility. As such it may not financially benefit customers in a non-net metering utility to export large amounts of solar electricity to the utility.

# MOS PowerSwitch Loan

Over 30 years, you will have saved:

**\$58,709**



## Payment\*

Monthly Solar Payment**	<b>\$218</b>
Monthly Energy Payment (Yr 1)	<b>\$220</b> <small>(\$218 + \$1)</small>
Buydown Amount	<b>\$17,785</b>
Contract Term	<b>25 years</b>
APR	<b>1.99%</b>

## Cost Breakdown\*

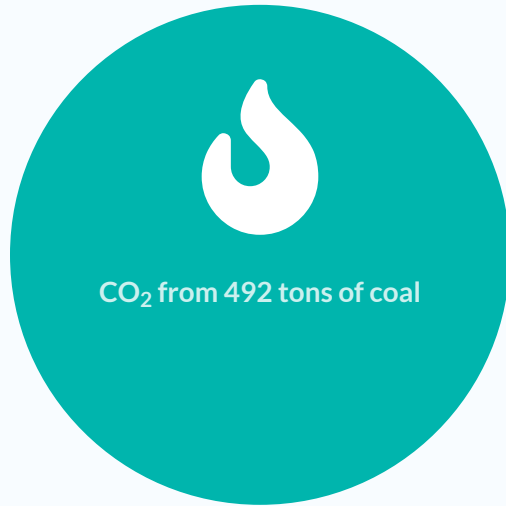
Loan Amount	<b>\$68,404</b>
+ Upfront Payment	<b>\$0</b>
Retail Price	<b>\$68,404</b>
- Available Incentives	<b>\$17,785</b>
Net System Cost	<b>\$50,619</b>
Return on Investment	<b>70.49%</b>

\*This is not an offer for financing nor a commitment to lend. You must apply directly with the lender. Financing is subject to underwriting and approval. Your actual available terms and rates may vary. Incentives and tax savings are estimates, intended only for illustration purposes, and are not guaranteed. Your results may vary from the figures shown. You should consult your tax advisor to determine whether you are eligible for tax benefits.

\*\*The Monthly Solar Payment reflected is your estimated payment for the first 18 months. After the 18th month, your Monthly Solar Payment will adjust based upon the principle balance of the loan at that time. If you pay down your loan by 26% during the first 18 months, which is the amount denoted as the Buydown Amount, your Monthly Solar Payment will stay the same. If during the first 18 months you pay down your loan by less than the Buydown Amount, your Monthly Solar Payment will be increased to amortize the remaining principal balance (which would be greater than the originally assumed amount). Conversely, if you pay down your loan in an amount greater than the Buydown Amount, your Monthly Solar Payment after the first 18 months will be reduced to reflect the lower principal balance than originally assumed for the balance of the term. Please review the details of your loan, including the payment amounts, provided in your loan agreement. The first payment will be due approximately 60 days after installation. Tax credits, incentives, and savings are not guaranteed.

## Environmental Impact

Over the next 30 years your system will have saved:



CO<sub>2</sub> from 492 tons of coal



Driving a car 1,209,083  
miles



581 acres of forest

# Cash Flows

Year	Utility Bill		MOS PowerSwitch Loan			
	Old	New	Solar Bill	Incentives	Yearly Savings	Cumulative Savings
0	\$0	\$0	\$0	\$0	\$0	\$0
1	\$2,945	\$15	\$2,620	\$17,785	\$18,095	\$18,095
2	\$3,034	\$36	\$20,405	\$0	-\$17,408	\$687
3	\$3,125	\$59	\$2,620	\$0	\$445	\$1,132
4	\$3,218	\$83	\$2,620	\$0	\$515	\$1,647
5	\$3,315	\$108	\$2,620	\$0	\$587	\$2,234
6	\$3,414	\$134	\$2,620	\$0	\$660	\$2,894
7	\$3,517	\$162	\$2,620	\$0	\$734	\$3,628
8	\$3,622	\$191	\$2,620	\$0	\$811	\$4,439
9	\$3,731	\$222	\$2,620	\$0	\$889	\$5,328
10	\$3,843	\$254	\$2,620	\$0	\$969	\$6,297
11	\$3,958	\$287	\$2,620	\$0	\$1,051	\$7,348
12	\$4,077	\$322	\$2,620	\$0	\$1,134	\$8,482
13	\$4,199	\$359	\$2,620	\$0	\$1,220	\$9,702
14	\$4,325	\$397	\$2,620	\$0	\$1,308	\$11,010
15	\$4,455	\$438	\$2,620	\$0	\$1,397	\$12,407
16	\$4,588	\$480	\$2,620	\$0	\$1,489	\$13,895
17	\$4,726	\$524	\$2,620	\$0	\$1,582	\$15,477
18	\$4,868	\$570	\$2,620	\$0	\$1,678	\$17,155

Year	Utility Bill		MOS PowerSwitch Loan			
	Old	New	Solar Bill	Incentives	Yearly Savings	Cumulative Savings
19	\$5,014	\$618	\$2,620	\$0	\$1,776	\$18,931
20	\$5,164	\$668	\$2,620	\$0	\$1,876	\$20,807
21	\$5,319	\$721	\$2,620	\$0	\$1,979	\$22,786
22	\$5,479	\$775	\$2,620	\$0	\$2,083	\$24,869
23	\$5,643	\$832	\$2,620	\$0	\$2,191	\$27,060
24	\$5,813	\$892	\$2,620	\$0	\$2,300	\$29,360
25	\$5,987	\$954	\$2,620	\$0	\$2,412	\$31,773
26	\$6,167	\$1,019	\$0	\$0	\$5,147	\$36,920
27	\$6,352	\$1,087	\$0	\$0	\$5,265	\$42,184
28	\$6,542	\$1,158	\$0	\$0	\$5,385	\$47,569
29	\$6,738	\$1,231	\$0	\$0	\$5,507	\$53,076
30	\$6,940	\$1,308	\$0	\$0	\$5,633	\$58,709
<b>Totals</b>	<b>\$140,117</b>	<b>\$15,905</b>	<b>\$83,289</b>	<b>\$17,785</b>	<b>\$58,709</b>	<b>--</b>

\*This is not an offer for financing nor a commitment to lend. You must apply directly with the lender. Financing is subject to underwriting and approval. Your actual available terms and rates may vary. Incentives and tax savings are estimates, intended only for illustration purposes, and are not guaranteed. Your results may vary from the figures shown. You should consult your tax advisor to determine whether you are eligible for tax benefits.



## Next Steps

- **Sign the Agreement**  
Review and sign the agreement paperwork to get the process started.
- **Finalize System Design**  
We will perform a site visit to ensure that all of the equipment can be installed and start the permitting process.
- **Install the System**  
We will schedule an installation date once the utility grants us permission to install the system.
- **Inspection**  
We will request for inspection from the city. Once that is complete the utility will install a net meter and give you permission to turn on your system.
- **System Operational**  
Flip the switch to turn your system on and start generating clean renewable energy on your roof.

# Assumptions

## Utility Assumptions\*\*

Utility	CenterPoint Energy Houston Electric, LLC
Rate Schedule	Custom Rate -
Post-Solar Rate Schedule	Custom Rate -
Current Avg. Utility Bill	\$245
Avg. Monthly Usage	2,045.25 kWh
Annual Usage	24,543 kWh
Utility Rate Increase*	3.00%

## Equipment

Panels	50 x LONGi Solar LR4-60HPB-350M
Inverters	2 x SolarEdge SE7600H-US
System Nameplate	17.500 kW
Annual Production Degradation	0.70%
Estimated Installation Date	2021-07-15

## Incentives & Tax Savings

	<b>Option A</b> MOS PowerSwitch Loan
Federal Tax Credit (ITC)	\$17,785
Solar Cash Rebates	\$0
State Tax Credits	\$0
Performance-based Incentives	\$0
Renewable Energy Credits	\$0

\*Utility payments will vary based on local rates and rate changes. Local rates are subject to change

\*\*If your utility company does not offer net metering, for each kWh of solar electricity produced and exported to the utility grid, you may be credited at a rate set by your utility company. While this rate may fluctuate from time to time, it is generally lower than the normal retail rate that you would pay to purchase that same kWh back from the utility. As such it may not financially benefit customers in a non-net metering utility to export large amounts of solar electricity to the utility.

# Disclaimers

**Disclaimers:**

This proposal was prepared by and presented to you by Freedom Forever, LLC. The information provided in this proposal is a preliminary estimate for illustration purpose only and is not a binding agreement or obligation. Actual system production or savings are not guaranteed. The system design may change based on a detailed engineering site audit. A solar power system is customized for your home, so its pricing, actual system production and savings will vary based on the final location, system size, design, configuration, utility rates, applicable rebates, tax benefits realized, and your household's energy usage. Estimated savings are after system purchase, financing, and operating costs. Financing terms may vary and are not available in all locations. This is not an offer for financing nor a commitment to lend. You must apply directly with the lender. Financing is subject to underwriting and approval. Your actual available terms and rates may vary. Incentives and tax savings are estimates, Intended only for illustration purposes, and are not guaranteed. Your results may vary from the figures shown. You should consult your tax advisor to determine whether you are eligible for tax benefits.