

SOLAR PHOTOVOLTAIC SYSTEM PROPOSAL

BUE5, Suite 9
September 17, 2018



EXECUTIVE SUMMARY

COST OF DOING NOTHING = \$1,071,058

Estimated Annual Electricity Bill		
Today	\$35,585	Estimated utility escalation: 3.5%
In 5 years	\$42,264	+19%
In 10 years	\$50,196	+41%
In 20 years	\$70,807	+99%

Investment's primary goal

- Maximize solar energy production to offset electricity bills
- Maximize return on investment

Estimated electricity needs: 131,644 kWh/yr

Equipment Selection Criteria

- Reliable brands/ Financial strength
- Quality and warranty
- Experience

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MAIN ECONOMIC INDICATORS

-Solar-

Brand	Gross Investment	Net Investment	Gross Price/Watt	Net Price/Watt	% Offset	IRR	Payback	Cash gained over 25 years
Jinko 365W	\$235,459	\$86,767	\$2.46/W	\$0.91/W	96%	28%	2 yr 11 mo	\$1,071,058

Price includes: design, permitting, supply, installation, interconnection, monitoring

Specific costs excluded from this quote: trenching, roofing, structural reinforcement, service upgrade

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(262) Jinko 365W / SolarEdge

Cash-Flow

Years	Investment	Federal Tax credit	Federal Bonus Depreciation	Federal Accelerated Depreciation	State Accelerated Depreciation	Utility Savings	Cash-Flow	Comtribution Cash-Flow
0	\$ 107,459						\$ 226,459	\$ 107,459
1		\$ 10,746	\$ 44,021	\$ 22,011	\$ 4,402	\$ 54,006	\$ 137,184	\$ 107,459
2				\$ 11,008	\$ 2,202	\$ 54,006	\$ 124,194	\$ 107,459
3				\$ 6,071	\$ 1,214	\$ 54,006	\$ 111,204	\$ 107,459
4				\$ 4,052	\$ 808	\$ 54,006	\$ 98,214	\$ 107,459
5				\$ 3,039	\$ 606	\$ 54,006	\$ 85,224	\$ 107,459
6				\$ 2,025	\$ 404	\$ 54,006	\$ 72,234	\$ 107,459
7						\$ 54,006	\$ 59,244	\$ 107,459
8						\$ 54,006	\$ 46,254	\$ 107,459
9						\$ 54,006	\$ 33,264	\$ 107,459
10						\$ 54,006	\$ 20,274	\$ 107,459
11						\$ 54,006	\$ 7,284	\$ 107,459
12						\$ 54,006	\$ 4,294	\$ 107,459
13						\$ 54,006	\$ 1,304	\$ 107,459
14						\$ 54,006	\$ 834	\$ 107,459
15						\$ 54,006	\$ 344	\$ 107,459
16						\$ 54,006	\$ 154	\$ 107,459
17						\$ 54,006	\$ 54	\$ 107,459
18						\$ 54,006	\$ 4	\$ 107,459
19						\$ 54,006	\$ 0	\$ 107,459
20						\$ 54,006	\$ 0	\$ 107,459
21						\$ 54,006	\$ 0	\$ 107,459
22						\$ 54,006	\$ 0	\$ 107,459
23						\$ 54,006	\$ 0	\$ 107,459
24						\$ 54,006	\$ 0	\$ 107,459
25						\$ 54,006	\$ 0	\$ 107,459

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