



solar solutions™
the power of independence

5.886kW Residential Solar Proposal & Analysis

Date Friday, February 13, 2015

Customer David Smith
2104 Queensway Court
Creedmoor, NC 27522



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Yes! Solar Solutions

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Yes! Solar Solutions: Solar PV System

Residential

Proposed System Size 5.886 kW DC Net-Metered System

Annual Production

8,125 kWh/year

System Equipment

18 Modules SPR E-Series 327
1 Inverter(s) SPR 5000-TL
Mounting SnapNrack flush roof mounting

Warranties

25 year power warranty on modules
25 year extended product warranty on SunPower modules
10 year product warranty on inverter
5 year Yes! Solar labor

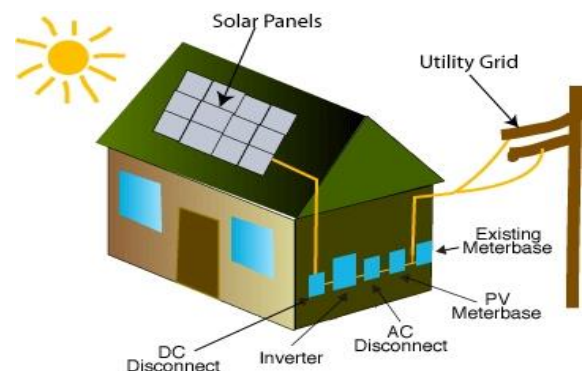
Additional Services

- Submit Report of Proposed Construction to NC Utilities Commission
- File interconnection application with your utility
- Provide guidance and assistance during HOA approval process
- Apply for and acquire all necessary permits
- Schedule and manage building and electrical inspections

Financing Summary

Loan N/A
Rate N/A
Terms N/A

System Price \$ 28,394

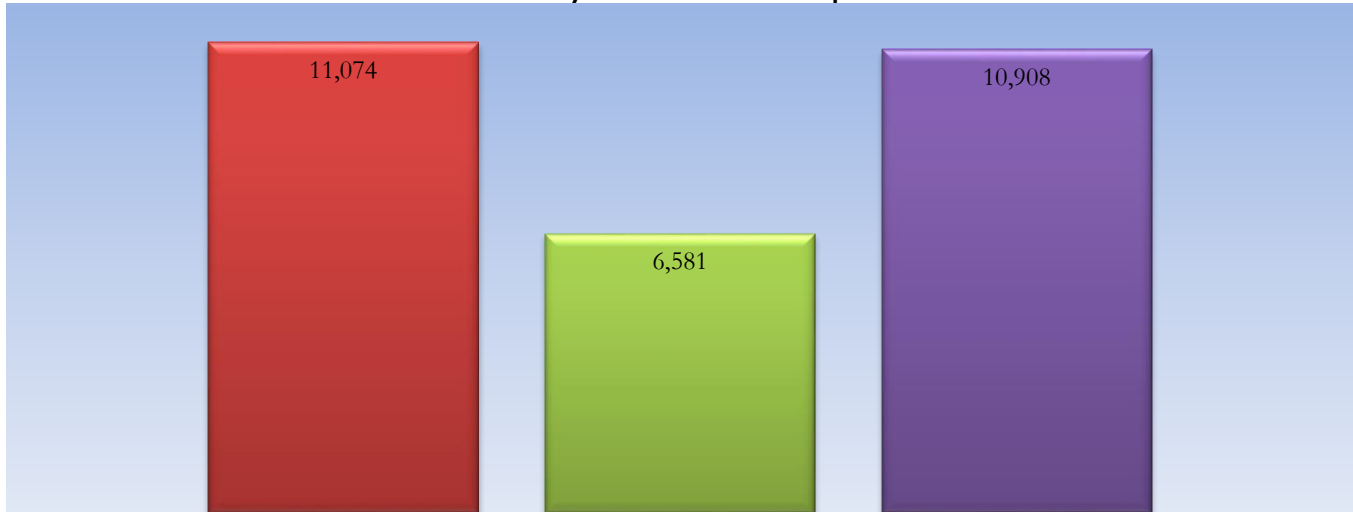


Terms and Conditions: Prices quoted are valid for 30 days. All materials are guaranteed to be as specified. All work will be completed in a professional manner to applicable building code and according to standard practices. Any alterations or deviations from the above specifications involving extra costs will be executed upon written orders only, and will become extra charges over and above the proposal/contract price. All agreements are contingent upon weather, labor strikes, accidents and delays beyond our control. Cate Associates, Inc. DBA Yes! Solar Solutions of the Triangle is covered by liability and worker's compensation insurance. Cate Associates, Inc. DBA Yes! Solar Solutions of the Triangle guarantees first year solar production to be within 15% of proposed production generated by PV Watts or the company will reimburse the difference Cate Associates, Inc. DBA Yes! Solar Solutions of the Triangle reserves the right to use photographs of your installation for marketing and maintenance purposes. Tree removal is the responsibility of the purchaser unless requested of Cate Associates, Inc. DBA Yes! Solar Solutions of the Triangle. A 20% restocking fee may apply if you cancel your contract after one week from the acceptance date. All invoices are due upon receipt. Purchaser has the right to cancel the contract until midnight of the third business day after the date the purchaser signs the contract.

Yes! Solar Solutions: Solar PV System

Environmental Benefits

Reduce your carbon footprint!



■ CO2 (lbs) ■ Coal burned (lbs) ■ Car Miles Not Driven

kWh/yr	CO2(lbs)	SO2 (lbs)	NOx (lbs)	Car Miles	Trees	Coal (lbs)
8,125	11,074	44	17	10,908	129	6,581

Benefits of a renewable energy system

Safe Financial Investment

Every month you pay the utility company for electricity. Every time you turn on the lights, the TV, and every second your refrigerator and appliances are running, it costs you money. That money adds up and you never see a return on the dollars spent. Similarly, every time you take a shower, wash dishes or do laundry you pay to heat water with oil, gas, propane or electricity. As long as the sun is shining, you'll be receiving a return on your investment in renewable energy!

Protect Against Rising Energy Costs

The price of energy continues to rise, and it can fluctuate wildly depending on market conditions. Based on historical trends, it is safe to assume a minimum annual electricity rate increase of three percent. The projected cost of electricity 10 to 15 years down the road is often overlooked, but should be considered, especially if you plan to stay in your current home after retirement. As electrical rates increase, your investment becomes more valuable!

Reduce Your Carbon Footprint

Ultimately, the cost is not limited to the dollars you spend. There's also considerable cost to the environment from burning fossil fuels. You can mitigate the environmental costs and keep dollars in your pocket by investing in a renewable energy system.

Increase Home Value

Renewable energy systems can also increase the property value of your home. It's estimated that for every dollar of annual savings generated by the system, your home value increases by twenty.

PV System Financial Analysis

System Price	\$28,394
Federal Tax Credit 30%	(\$8,518)
State Tax Credit 35%	(\$9,938)
Fed Tax on State Credit	\$2,186

Net Cost	\$12,124
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System Size (kW DC)	5.886
Derate factor	0.85
System Size (kW AC)	5.0
Duke Energy Progress rate (\$/kWh)	\$0.108
Annual Production (kWh/yr)	8,125



Estimated Property Value Increase: \$17,550

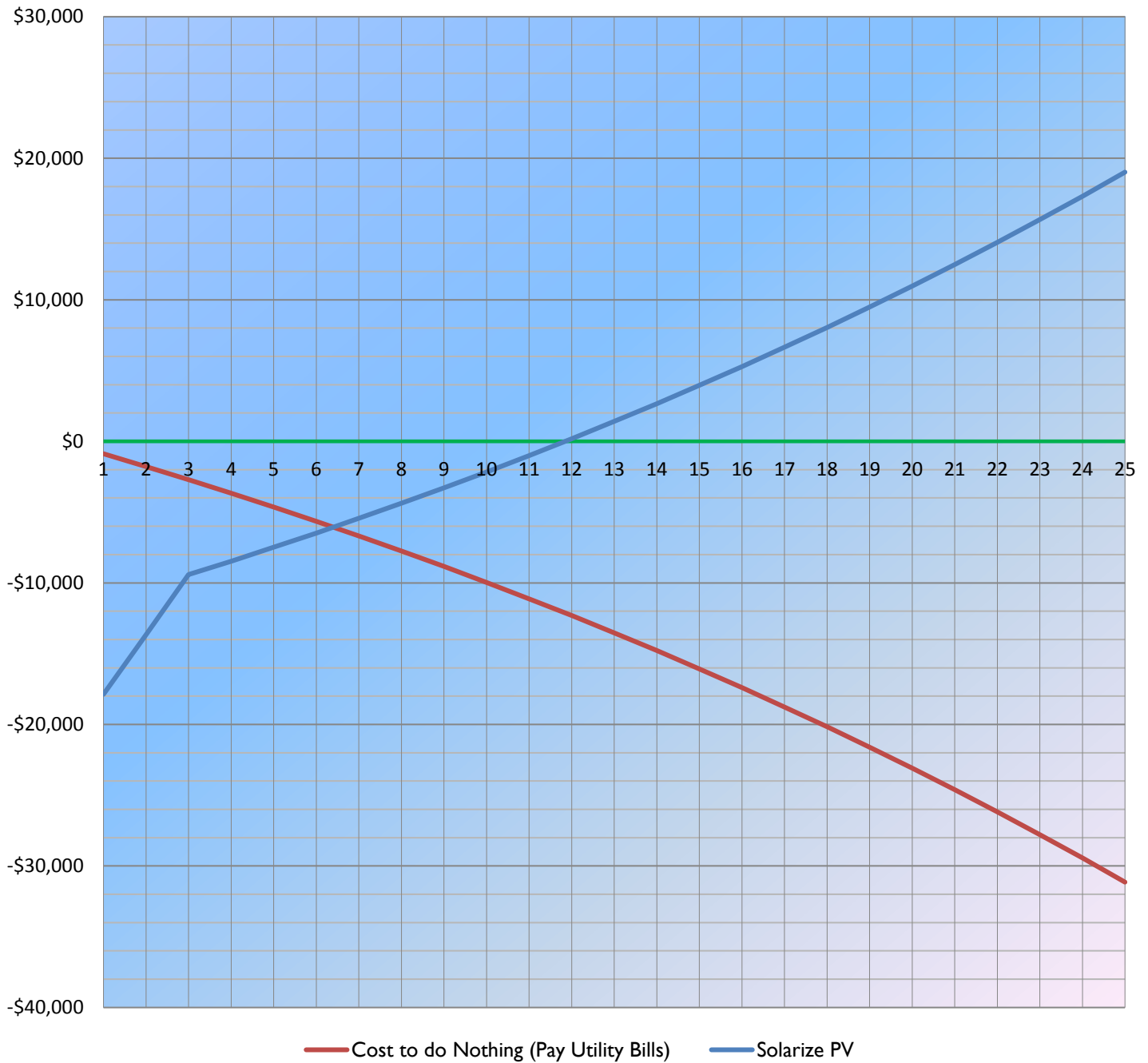
Simple Cash Flow Analysis

Year	Annual	Electricity	Fed Tax	State Tax	Utility	Tax on	Yearly	Cash	Cost to do
	Escalation per Inflation					State Credit			
		Savings	Credit	Credit	Rebate		Savings	Balance	Nothing
1	3%	\$878	\$8,518	\$3,313	\$0	\$2,186	\$10,522	(\$17,872)	-\$878
2	3%	\$902		\$3,313	\$0		\$4,215	(\$13,657)	-\$1,780
3	3%	\$927		\$3,313	\$0		\$4,240	(\$9,417)	-\$2,707
4	3%	\$953			\$0		\$953	(\$8,464)	-\$3,660
5	3%	\$980			\$0		\$980	(\$7,485)	-\$4,640
6	3%	\$1,007					\$1,007	(\$6,477)	-\$5,647
7	3%	\$1,035					\$1,035	(\$5,442)	-\$6,682
8	3%	\$1,064					\$1,064	(\$4,378)	-\$7,746
9	3%	\$1,094					\$1,094	(\$3,284)	-\$8,840
10	3%	\$1,124					\$1,124	(\$2,160)	-\$9,965
11	3%	\$1,156					\$1,156	(\$1,004)	-\$11,121
12	3%	\$1,188					\$1,188	\$185	-\$12,309
13	3%	\$1,221					\$1,221	\$1,406	-\$13,530
14	3%	\$1,256					\$1,256	\$2,661	-\$14,786
15	3%	\$1,291					\$1,291	\$3,952	-\$16,076
16	3%	\$1,327					\$1,327	\$5,279	-\$17,403
17	3%	\$1,364					\$1,364	\$6,643	-\$18,767
18	3%	\$1,402					\$1,402	\$8,044	-\$20,169
19	3%	\$1,441					\$1,441	\$9,485	-\$21,610
20	3%	\$1,481					\$1,481	\$10,967	-\$23,091
21	3%	\$1,523					\$1,523	\$12,489	-\$24,614
22	3%	\$1,565					\$1,565	\$14,054	-\$26,179
23	3%	\$1,609					\$1,609	\$15,663	-\$27,788
24	3%	\$1,654					\$1,654	\$17,317	-\$29,442
25	3%	\$1,700					\$1,700	\$19,017	-\$31,142

*Consult your tax professional to make sure you are eligible for tax credits.

Simple Cash Flow Graph

Cash Flow of Purchasing a PV System vs. Paying Utility Bills



Annual Electric Bill Offset

Current Electricity Consumption

kWh 10,000
Cost \$ 1,080

Annual Solar Production

kWh 8,125
Value \$ 878

Annual Electric Bill Offset

kWh 81%
Cost 81%



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Why Yes! Solar Solutions?

As one of the fastest growing solar companies in North Carolina, we recognize that there are other companies competing for your business. However, few companies have the expertise, experience, commitment to quality and training as Yes! Solar.

Commitment to Quality

We use only high quality solar modules, inverters, racking and balance-of-system components for all of our projects.

Our installers are NABCEP and OSHA trained and/or certified. We are a licensed NC General Contractor (license # 63756) and can perform roof repairs, pipe and vent relocations, permitting and inspections. We are committed to customer satisfaction by maintaining a clean worksite and a high level of communication with our clients during and after the project installation.

Using quality products and well trained installation personnel means industry leading warranties and support. In addition to our product warranties, all Yes! Solar Solutions labor is warranted for 5 years.

Commitment to Sustainable Business Practices

As a Green Plus Certified Company, we are committed to our People, Performance, and the Planet, using the the three P's as the foundation for everything we do at Yes! Solar. Please feel free to stop by our office and warehouse to see our 5kW solar array and our own solar hot water system used everyday to lower our costs and minimize our impact on the planet.

Full Service Solar Provider

Yes! Solar Solutions is a full service solar contracting company that designs, sells, procures, installs and maintains all of the solar systems with our own employees. We work directly with major distributors and manufacturers to provide our residential and commercial clients with the highest quality solar modules and components, priced to provide the best return on investment.

Customer References

Please request the names and contact information of our current clients as they are proud to promote solar and tell you about the benefits of a Yes! Solar installed system.