

# SOLAR

## energy for the future

# A customized proposal for

Fairfield Township 718 Wabash Ave Lafayette, IN 47905

## Contact

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## Meet your business on solar

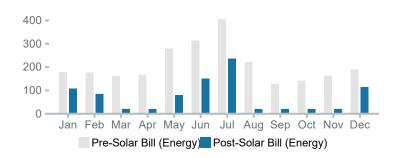


718 Wabash Ave Lafayette, IN 47905



What does a solar property do for you?

## Average monthly electric bill



lt saves

\$135

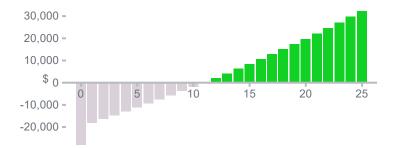
from your electric bill each month



lt saves

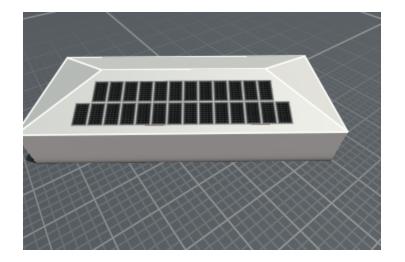
\$27,891

over the lifetime of the system - including purchase cost



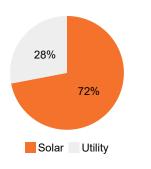
## Your customized solution





## System summary

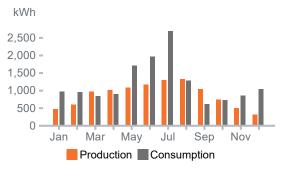
System size	9.49 kW					
Year 1	10,598 kWh					
Production						



You would generate

72 %

of your energy from solar



# Bill savings the start right awayYear 1 Monthly<br/>Utility BillYear 1 Total<br/>Utility CostsWithout solar\$ 211\$2,528With solar\$75\$905

## A responsible choice

Your system would offset emissions equivalent to



Planting 6,191 trees



Driving 23,906 fewer miles per year

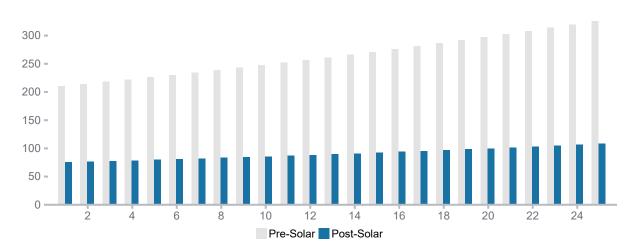


Taking 2 cars off the road

## An easy financial decision



System cost	\$28,090	
30% Federal ITC	_\$8,427	Politics can be unpredictable. Take advantage of federal and state level solar tax credits now while you still can!
Cost to you	\$19,663	
Down Payment:	\$ 28,090	
Depreciation tax benefits	Eligibility for 100% bonus depreciation. Contact your	Lock in electric rates
	tax advisor for more info	Energy prices are projected to increase every year. A solar investment protects you from these changing prices. With today's rate locked in, your solar investment will keep generating more and more value in the future.



## Electric bill over time

## Appendix

## Monthly Cashflows



(kWh)	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Utility Consumption Pre-Solar	973	963	853	900	1,708	1,969	2,697	1,284	626	729	867	1,050	14.6k
Utility Consumption Post-Solar	499	352	(128)	(116)	625	790	1,401	(51)	(425)	(18)	367	725	4,021
Solar Production	474	611	981	1,016	1,083	1,179	1,296	1,335	1,051	747	500	325	10.6k
(\$)	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Utility Bill Pre-Solar	179	177	161	168	279	314	406	222	127	142	163	190	2,528
Utility Bill Post-Solar	107	85	21	21	80	151	237	21	21	21	21	115	905
Utility Bill Savings	71	92	140	147	199	163	169	200	105	121	142	74	1,623
Excess Credit	0	0	24	46	0	0	0	10	89	93	26	0	

### **Annual Cashflows**

Year	Annual Bill Pre Solar	National Depreciation Benefit	Local Depreciation Benefit	Taxes	Loan Payment	Annual Bill Post Solar	Annual Cashflows	Cumulative Cashflows
0	0	0	0	0	0	0	(28.1k)	(28.1k)
1	2,528	0	0	0	0	905	10.1k	(18k)
2	2,573	0	0	0	0	918	1,656	(16.4k)
3	2,620	0	0	0	0	931	1,689	(14.7k)
4	2,667	0	0	0	0	944	1,722	(13k)
5	2,715	0	0	0	0	958	1,757	(11.2k)
6	2,764	0	0	0	0	972	1,792	(9,425)
7	2,814	0	0	0	0	987	1,828	(7,597)
8	2,866	0	0	0	0	1,001	1,864	(5,732)
9	2,918	0	0	0	0	1,016	1,902	(3,831)
10	2,971	0	0	0	0	1,031	1,940	(1,891)
11	3,025	0	0	0	0	1,047	1,979	88
12	3,081	0	0	0	0	1,063	2,018	2,106
13	3,137	0	0	0	0	1,079	2,058	4,164
14	3,195	0	0	0	0	1,095	2,100	6,264
15	3,254	0	0	0	0	1,112	2,142	8,405
16	3,314	0	0	0	0	1,129	2,184	10.6k
17	3,375	0	0	0	0	1,147	2,228	12.8k
18	3,437	0	0	0	0	1,165	2,273	15.1k
19	3,501	0	0	0	0	1,183	2,318	17.4k
20	3,566	0	0	0	0	1,201	2,365	19.8k
21	3,632	0	0	0	0	1,220	2,412	22.2k
22	3,700	0	0	0	0	1,240	2,460	24.6k
23	3,769	0	0	0	0	1,259	2,509	27.2k
24	3,839	0	0	0	0	1,279	2,559	29.7k
25	3,910	0	0	0	0	1,300	2,611	32.3k