Reclaim your energy independence.

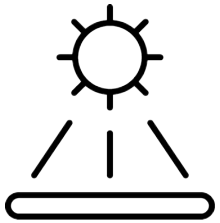
603 Solar Proposal for: **Maine Solar Example : Average**

603 SOLAR

Why invest in a solar array?

REDUCE OR ELIMINATE YOUR ELECTRIC BILL.
By creating your own, clean solar energy you can reduce or completely eliminate your electric gill. We typically see an average of a 7-9 year return on investment. With 25 year manufacturer warranties on all of the major components of the system, you can be assured that your system will continue to produce clean power for you for years to come.

PROTECT YOURSELF AGAINST RISING UTILITY RATES.
New Hampshire currently has the **fifth** highest electricity costs in the continental US. The cost of electricity is constantly rising and will never stop. When you create your own energy, you are no longer subjective to your utility companies fluctuating rates. Solar payments are fixed, and easier to budget.

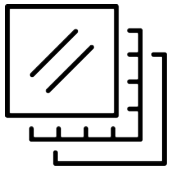


PROTECT THE ENVIRONMENT.
In a world with increasingly finite natural resources, it's up to us to do what we can to leave this world a better place than we found it. By creating your own energy and not relying on conventional forms of electricity, you lower your carbon footprint. To date our systems have produced 14,000,000 kWh of clean energy! That is the equivalent of 1,116,412 gallons of avoided gasoline emissions.

Our Process

Step 1:

Site Evaluation

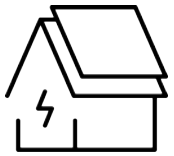


Step 2:

System Design

Step 3:

Permit and Interconnection Approval

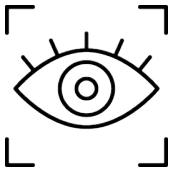


Step 4:

System Installation

Step 5:

Inspection and Commissioning



Step 6:

System Monitoring

Main Considerations

There are a few considerations that everyone should know about solar before getting into the knitty gritty.

WARRANTIES AND HOMEOWNERS INSURANCE

25 Year manufacturers warranty on all major components of the array.

12 Year workmanship warranty for the installation of the system, backed by 603 Solar.

You also want to make sure to add the system to your homeowners insurance.

MAINTENANCE

PV arrays are very low maintenance. There are no moving parts, so there is relatively little that can go wrong with them. There is no regular maintenance to upkeep the system.

Snow removal may be necessary for low pitched arrays for maximum output. Also be weary of where the snow will fall during the winter.

NET METERING

Net metering is the buying and selling of electricity with your utility company. The utility company pays you slightly less for the energy you sell them, so it's best to use electricity during the day as much as possible!

What’s included in the project?

We offer a turnkey solution meaning we include all material and services involved for your solar project!

- 32 Hanwha Q.Peak 400w blk solar modules
- 32 Enphase IQ8+ Micro Inverters
- Enphase Combiner Panel
- Iron Ridge Aire mounting system
- Trenching to Ground Location
- All misc. electric and solar equipment
- PV Solar design and engineering
- Utility Interconnection approval (and fees)
- Building / Electric Permit approval (and fees)
- Complete Installation of all solar, racking and electrical components
- Town / City / AHJ inspection
- System Commissioning
- Enphase Enlighten Monitoring Setup
- Customer / System support post installation

System performance and Return on Investment (ROI)

Usage and System Production

Annual Usage (kWh)	12,096
Module Count	32
Array Size (kW)	12,800
Annual Production (kWh)	12,032
99%	Utility Offset

Current Utiltiy Bill

Current Utility Rate	$0.271
Member Charge	$13.66
Average Monthly Bill	$286.83
Annual Utility Cost	$3,441.94

Cost of System

Gross System Cost	$43,948.00
30% Federal Tax Credit	$13,184.40
Net Investment	$30,763.60

Payback (Years)

Net Investment	$30,763.60
Annual kWh Value	$3,260.67
ROI Period (years)	9.43
Annual Rate of Return (%)	10.60%