



SOLAR 101

WHY SOLAR?

Photovoltaic (PV) solar panels convert the energy from sunlight into electricity which is fed into the building's electrical system. The solar and grid work together in harmony to make sure you always have all the electricity you need. With your own solar 'power plant' on your roof, you'll be powering your house with clean solar energy as well as lowering your monthly electric bill.

WHY BASELINE?

With over a decade of solar experience in Virginia, Baseline Solar offers turn-key solar contracting with a dedicated crew. Our staff includes engineers, licensed electricians, and trained solar installers. From design and planning to installation and ongoing support, we are ready to exceed your expectations.

IS MAINTENANCE REQUIRED?

No routine maintenance required. Online monitoring is included and makes keeping track of the solar production easy. We recommend system owners perform a simple visual inspection periodically. Rain cleans the panels, and the systems are designed for wind, hail, and snow loads in our area. If the roof needs to be replaced, the solar panels can be removed and reinstalled.

DO I NEED BATTERIES?

Most systems are installed without batteries. Batteries function like a generator to provide backup power during outages.

HOW MUCH DOES IT COST?

Cost varies with the number of solar panels and installation difficulty. Residential systems start at \$9,000 and go up to \$33,000 (post-tax credit). Federal tax credits are available through 2021.





WHAT IS NET METERING?

Most solar PV systems are connected to the electric grid and electricity can flow to and from the grid. Net metering is a billing system that credits solar energy system owners for the electricity they add to the grid. Full credit is given for any solar electricity added to the grid, and credits are carried forward from one bill to the next. Your electric bills are lower because you are generating your own electricity.

HOW DO I SIGN UP?

Simply get in touch with one of our Baseline offices and we will begin the process today!

During the initial consultation, we answer questions, gather basic project information, and schedule a site visit. During the site visit we gather detailed measurements and design a system to fit your individual site and goals.

WHAT IS THE PROCESS?

- Site visit and design consultation
- Receive and review proposal
- System installation
- Inspection, testing, and system turn on!

We handle all necessary permitting, approvals, and inspections to make it easy for you!

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