



SOLAR 101

WHY SOLAR?

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

WHY BASELINE?

With 15+ years of experience, 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 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. There is a federal income tax credit set at 30% of the project cost until 2033. Residential systems start around \$15,000 (post-tax credit).





WHAT IS NET METERING?

Net metering is a billing system that allows solar energy system owners to return any excess energy to the grid, "banking" it for future use. As your system produces electricity, that energy is first used to supply your home's energy needs. If your system's output does not cover all of your energy needs, your utility will provide the remainder. Conversely, if your system produces more electricity than you can use, the excess is measured at the meter and sent back to the grid to be used by other customers. Full credit is given for any solar electricity added to the grid, and credits are carried forward from one bill to the next.

HOW DO I SIGN UP?

Simply reach out 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!

BASELINE SOLAR

1711 North Main St, Blacksburg, VA 24060

www.baselinesolar.com

info@baselinesolar.com

540-552-1511