

## About Extend Energy

**We are experts in Solar Solutions for Business**

**We Deliver**

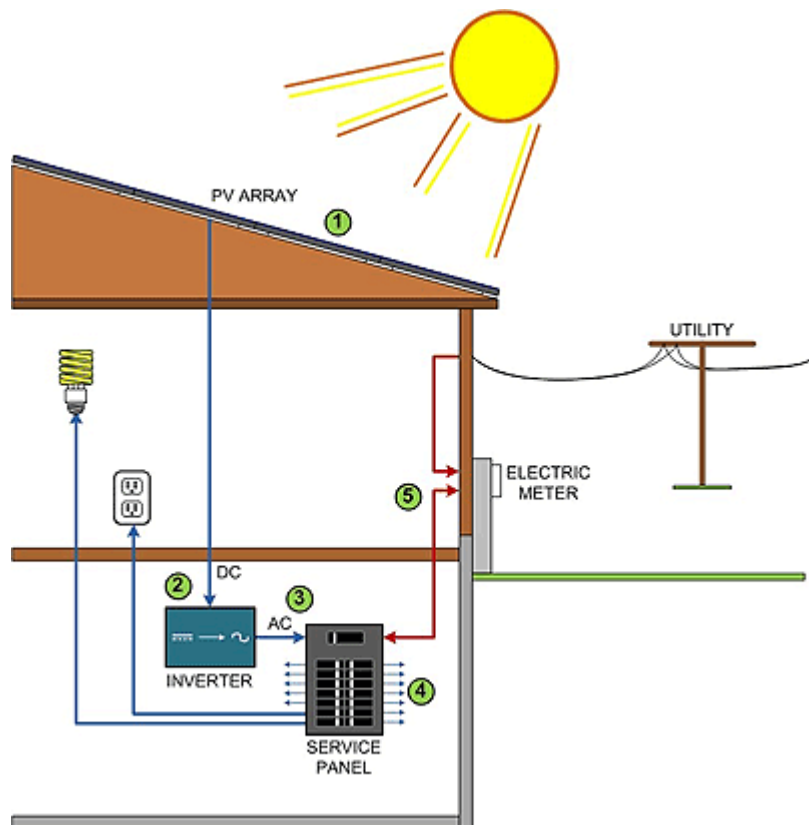
- Commercially dependable renewable energy systems
- “Go Green” marketing benefits
- Proven Return on Investment

**Let us guide you through the “7 Steps to Solar Success”**

1. Assessment of your energy requirements
2. Site Analysis
3. Preliminary design, Savings estimate, and Regulatory review
4. Presentation, understanding, and acceptance of the proposed solution
5. Final Design
6. Disruption-free Installation and Commissioning
7. Monitoring of Results

**TAKE THE LEAD - Contact us today**  
[Info@ExtendEnergy.com](mailto:Info@ExtendEnergy.com)  
**(336) 549-9949**

## How Solar Electric (PV) Systems Work



**Sunlight hits** the solar electric (photovoltaic) panels and causes the release of electrons, creating DC electricity.

**An inverter converts** DC electricity into AC electricity so that it can be used in your home or business, or sold to “The Power Grid” (electric company).

**The AC electricity** is fed into a separate service panel. In the state of North Carolina, most solar electricity generated is sold to “The Power Grid” (the electric company) and you continue to purchase electricity from the electric company.

**The result** is that you sell electricity you produce at a profit and effectively reduce your electric bill while maintaining consistent, dependable power. Solar systems produce best during peak demand periods at mid-day.

### DID YOU KNOW...

Financial incentives include:

- Federal incentives = 30%, now given in direct grants rather than tax credits;
- State Incentives = 35% tax credits;
- Accelerated depreciation
- NC offers a 1% loan program for renewable energy systems

See [DSIREUSA.ORG](http://DSIREUSA.ORG) for details