

## Did You Know?

# LG Solar

## Temperature Coefficient is Important, But It's Not Everything

If you live in the Southwest and you're considering going solar, you of course want solar modules that perform well on hot days, when some modules produce less energy.

It's important to understand, however, that a "low temperature coefficient" (low loss of power generation on hot, sunny days) is just one of many factors that drive solar savings. Simply purchasing modules with a low temperature coefficient may not provide the greatest financial reward.

In order to save money year-round and long-term, you need solar modules that will perform well throughout the lifecycle of your system and in a variety of sunlight conditions. In other words, you want modules that have:

- A high maximum power output
- A high efficiency rating, meaning they produce more power than less-efficient modules of the same size
- Low Light Induced Degradation (LID), the loss of power most modules experience when initially exposed to sunlight
- Technology that enables increased power generation in the late afternoons, when the angle of light is lower (and when some utilities charge more for electricity drawn from the grid)
- The ability to produce high power on cloudy days, or days with less intense sunlight
- Low degradation rates meaning your modules will continue to perform at close to their maximum power level for years to come

LG Solar is proud of the low temperature coefficients of our solar modules. Our NeON<sup>®</sup> 2 modules have a  $-0.36\%/^{\circ}\text{C}$  Pmax temperature coefficient, and the NeON<sup>®</sup> R has a  $-0.30\%/^{\circ}\text{C}$  Pmax temperature coefficient.

More important for annual savings is LG modules' double-sided cell structure, which enables them to capture light from the back as well as the front. LG's modules can generate energy in a variety of lower-light conditions, including the mornings and late afternoons. They also experience almost no LID, and LG guarantees they will produce an exceptionally high percentage of their maximum power output for 25 years.

The fastest payback times and greatest annual savings are experienced by solar owners who choose modules that offer all of these advantages. We're proud to offer modules that do it all.



When you go solar, ask for the brand you can trust: LG Solar

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