Did You Know?

LG Solar

LG Solar Panels Lose Less Power When First Exposed to Sunlight?

LG Solar's goal is to produce high quality, efficient, high power output solar panels at a price that will lead to a fast payback time for homeowners. We continuously work to improve our technologies, and one of the advances that sets LG Solar panels apart is their low Light Induced Degradation (LID) rate.

What is LID?

Traditional solar panels are manufactured with p-type silicon cells that include boron. When these panels are first exposed to sunlight, the boron reacts with oxygen. The resulting Boron-Oxygen pairs cause a loss of power output known as Light Induced Degradation..

How did LG Solar Fix the Problem?

LG Solar developed an n-type wafer that uses phosphorus instead of boron. N-type cells:

- Are more efficient
- Experience almost no LID

The result? Your NeON® R or NeON® 2 panels help your solar system pay for itself more quickly.

Interested in learning more?

GET STARTED

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