

Did You Know?

LG Solar's NeON[®] 2 Modules Provide More Energy when Electricity Charges Might be Higher

In developing our NeON[®] 2 solar modules, LG's goal was to provide the highest possible value for consumers. As a result, we've designed modules that produce more power during the late afternoon hours—when your customers are most likely to be home using appliances, and when utilities in some areas might charge more for the electricity they need.

As you know, standard electricity plans charge the same rate throughout the day, but some utilities are now offering time-of-use (TOU) plans to customers that charge more during “peak” hours, when electricity demand is highest (often in the late afternoons).¹ In fact:

- Utilities across the country are rolling out TOU rates. More than 20 million customers have a Time of Use rate, and millions more will be added every year.²
- About half of U.S. investor-owned utilities currently have optional time varying rates for residential customers, and new programs are being tested in at least ten states.³
- If your local utility isn't charging TOU rates now, it's possible they'll do so at some point during the lifetime of your customers' solar systems.
- Because of high solar saturation, the daytime value of power has decreased and the period of high usage, but low solar generation has now become very expensive: up to 300% more than daytime retail electric rates.

¹ “What's the cheapest time of day to use electricity with time-of-use rates?” EnergySage. April 10, 2019. Web. <https://news.energysage.com/whats-the-cheapest-time-of-day-to-use-electricity-with-time-of-use-rates/>.

² Trabish, Herman K. “California utilities prep nation's biggest time-of-use rate rollout.” Utility Dive. December 6, 2018. Web. <https://www.utilitydive.com/news/california-utilities-prep-nations-biggest-time-of-use-rate-roll-out/543402/>.

³ Trabish, Herman K. “An emerging push for time-of-use rates sparks new debates about customer and grid impacts.” Utility Dive. January 28, 2019. Web. <https://www.utilitydive.com/news/an-emerging-push-for-time-of-use-rates-sparks-new-debates-about-customer-an/545009/>

LG Solar

The NeON[®] 2's Double-sided Cell Structure

LG Solar's NeON[®] 2 modules have a double-sided cell structure that enables our modules to capture light and generate energy from both the front and back. In the mornings and evenings, when the angle of light is lower, the NeON[®] 2 will capture more energy than most other brands' modules that capture light only from the front.

Need more information on LG Solar's bankability and other selling points of our NeON[®] 2 solar modules?

[Download this two-page handout](#) you can provide to your customers.

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

