

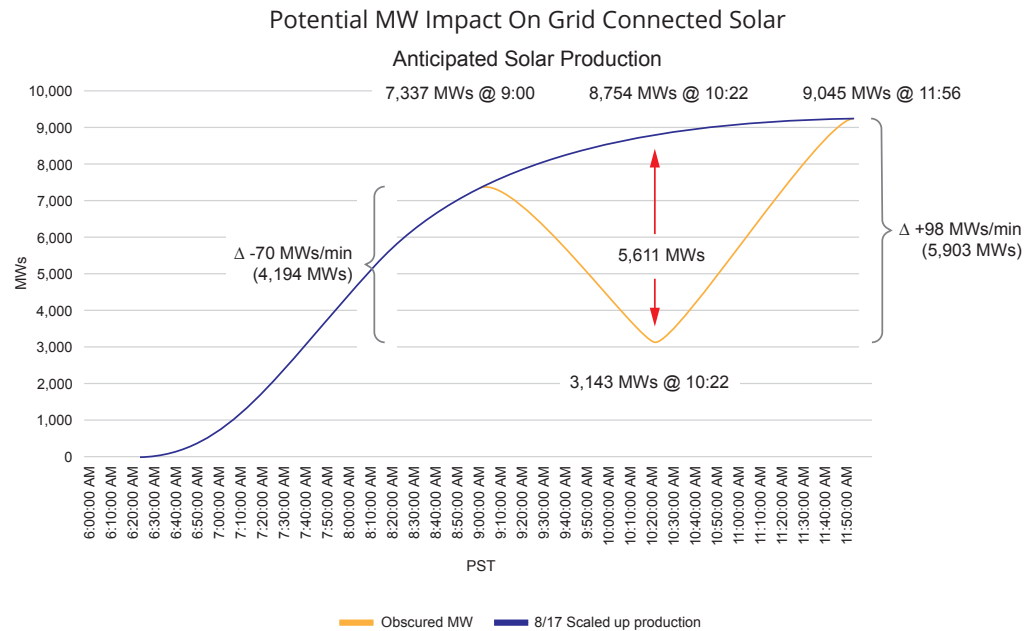
How Will The August 21st Eclipse Affect SOLAR ENERGY PRODUCTION?

On August 21st, between 9:00 AM and 12:00 PM, the sun will be in partial eclipse.

That means that our solar photo-voltaic plants and rooftop solar panels will slowly lose their ability to produce power as the eclipse begins, and then begin slowly regaining power until noon when the eclipse has passed.

Nearly 10,000 MWs of commercially operational grid connected solar are currently operated by California's utilities. But nearly 7,000 MWs of solar production will be missing during the peak of the solar eclipse!

Rather than relying on fossil fuel power plants to supply our energy during the eclipse we can all come together to make California a leader in maintaining a clean energy grid by reducing our energy usage during this event. For two hours on August 21st we can reduce our energy usage by holding off on our laundry, turning our thermostats up a few degrees, turning off power strips, unplugging unnecessary appliances to reduce vampire loads, and shutting off lights wherever possible.



Conserve Energy During The Eclipse

Unplug Your Appliances*

According to the Natural Resources Defense Council, 23% of the electricity used to power home electronics is consumed while the products are turned off.

The top 10 "Vampire Appliances" that use energy even when they're switched off or not performing their primary function are:

- Computers
- Printers
- Routers & Modems
- Phones Chargers
- Game Consoles
- TVs & Set-Top Boxes
- Microwaves
- HVAC

* Source: <http://www.visualcapitalist.com/what-uses-the-most-energy-home/>

Turn Off Your Lights

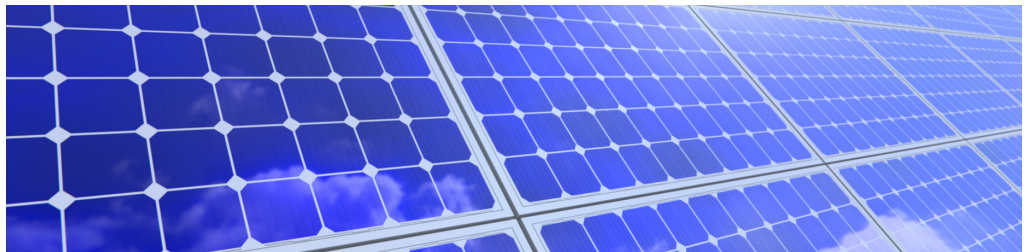
Turning off unnecessary lighting and upgrading your lighting to LEDs will help lessen your energy impact during the eclipse and continue to provide you with energy savings in your home or business.

According to the CPUC, upgrading to LED lighting uses 75% less energy and will last 25 times as long as other lighting options such as CFLs or incandescents.

Change Your Time Of Use

By using high consuming devices, such as dishwashers, air conditioners and washing machines before 5 PM and after 9 PM, customers may be able to cut their bills.

Changing usage time will also reduce the need to use the most expensive, carbon intensive forms of power generation during peak demand times.



Find more strategies to reduce energy usage for residential and commercial consumers at:

energyupgradeca.org