

# Offsetting Peak Loading and keeping the lights on.

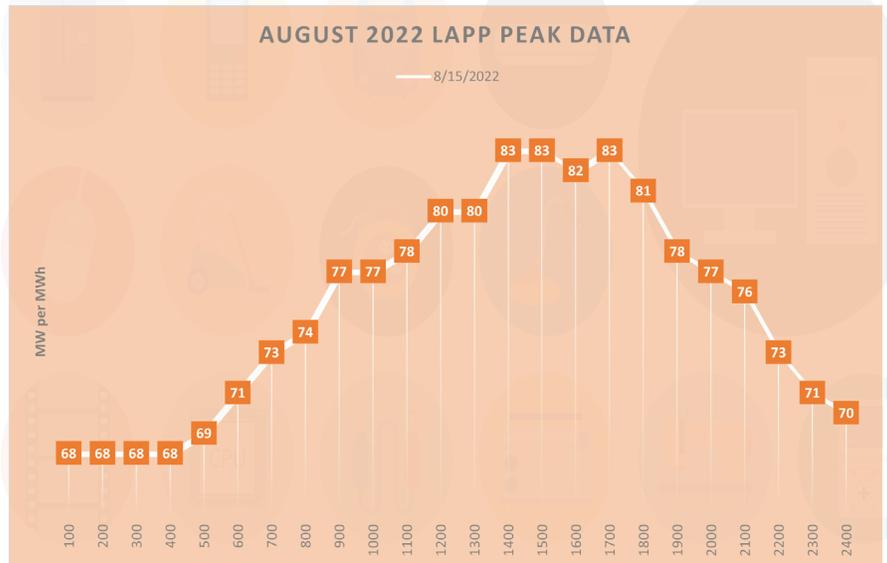
The Los Alamos Power Pool (LAPP) is a partnership between Los Alamos County (LAC) and Los Alamos National Laboratory (LANL) with each partner combining resources and sharing costs.

Peak loading is the highest amount of energy consumed within a given time period (day, season, etc.).

LAC loads peak in the evening when many residents return home, specifically between 4-8 pm.

LANL loads peak during the day when laboratory equipment is in use.

DPU power purchasers need to know when peak loading occurs to ensure there is enough power to go around. Peak loading and energy demand is subject to different drivers: LAC load is driven by population growth and commercial activity, while LANL load is driven by mission change or operational tempo.



## What can you do (when possible)?

- Use those “Delay” functions! Set your dishwasher to run in the middle of the night or your laundry in the late morning.
- Plug in your EV to charge during the latest part of the night or early morning.
- Adjust your thermostat to 78°F in the summer and 68°F in the winter when you are home. The bigger the difference between inside temp to outside temp, the harder your system works.
- Declare “electronic-free” nights and read a book, play a game, or get some fresh air.
- Plan an “energy-free” menu or limit the pre-heat time on your oven. Do you need to pre-heat the oven an hour before something actually goes in it?
  - Use smart power strips to reduce electricity vampires.
  - Turn down your water heater temperature and take shorter showers.
  - Fill in gaps and cracks to prevent heating or cooling the outdoors, let Mother Nature do that.



**Public Power Week is October 2-8**  
**October is energy awareness month**