

July  
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# Beyond the Wire

Central Valley Electric Cooperative, Inc.



## Save Money & Energy With A Smart Thermostat

During these warm summer months, a smart thermostat can help keep your home comfortable while reducing cooling costs.

Smart thermostats learn your routine and automatically raise the temperature when you're away and cool things down before you return, avoiding unnecessary energy use. You can also adjust settings remotely from your phone, so you're never cooling an empty house. Setting your thermostat a few degrees higher while you're away or asleep can lead to significant savings. Many smart thermostats provide reports and tips, helping you fine-tune your energy use and stay cool while keeping your electric bill in check.

Central Valley Electric Cooperative provides rebates for qualifying ENERGY-STAR rated smart thermostats. For more information on the Smart Thermostat rebate and to view all of the energy efficiency rebates CVE offers go to [www.cvecoop.org](http://www.cvecoop.org) and click on "Member Benefits."



**CVE will be closed on Friday, July 3, to celebrate the 250th anniversary of our great nation.**

Remember during your celebration to never light fireworks near power lines or poles.

# Demand vs. Energy

## Easy as Filling a Bucket!

### ENERGY



#### What is ENERGY? - kWh

- Total amount of electricity you use over time.
- Like the TOTAL gallons of water in the bucket.
- Measured in kilowatt-hours (kWh)

### DEMAND



#### What is DEMAND? - kW

- The peak amount of electricity used at any single moment.
- Like the SIZE of the hose or how FAST you fill it.
- Measured in kilo-watts (kW).

**A small hose (low demand) takes longer, but costs less in “pipe” capacity.**

**A fire hose (high demand) fills faster, but requires bigger, more expensive infrastructure.**

**Same total amount of water - different peak costs!**