



# Beyond the Wire

Central Valley Electric Cooperative, Inc.



## What is Demand?

When your monthly electric bill arrives you probably look for how much you owe without looking at the other information provided. Your monthly bill tells you more than what your electricity costs. It shows when your meter was read, how many days were in the billing period, how much electricity you used, and it shows your peak (or highest) demand for electricity (labeled DMD on your bill) for the billing period.

So what is demand? Demand is the rate at which you use electricity (measured in kilowatts (kW)). As more appliances in your home run at the same time, your demand for power increases. Electricity demand varies throughout the day. For example, we demand more

electricity in the mornings when we're starting our day, and again in the evenings when we get home and start cooking dinner, and running appliances and electronics.

One kW is equal to 1,000 watts, and 1 kilowatt-hour (kWh) represents 1 kW used over 1 hour. So, two people can use the same amount of energy (kWh), but not have the same demand (kW).

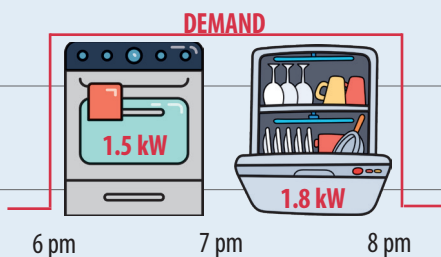
Why is demand important? Central Valley Electric Cooperative's costs are driven by the need to satisfy members' highest demand, even if it only occurs once each month. When that maximum usage level goes down, so does the cost of providing all our members with safe, reliable, affordable power.

## UNDERSTANDING DEMAND

As more appliances in your home run at the same time, your demand for power increases. The members in the following example use the same amount of energy to run their appliances, but each member is putting a different demand on the electric grid.



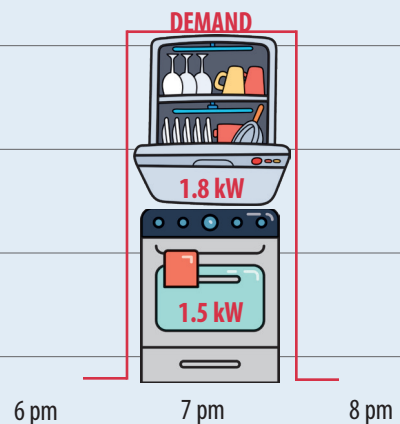
Mary cooks her food for one hour, then runs the dishwasher the next hour.



**Mary**  
Energy: 3.3 kWh  
Demand: 1.8 kW



Dan runs the dishwasher during the same hour he cooks his food.



**Dan**  
Energy: 3.3 kWh  
Demand: 3.3 kW

Average Appliance Runtime: 60 minutes  
Range: 1500 Watts or 1.5 kW or 1.5 kWh  
Dishwasher: 1800 Watts or 1.8 kW or 1.8 kWh



## Come See Us At The Eddy County Fair

The Eddy County Fair is July 26 to 30, at the Eddy County Fairgrounds in Artesia. Stop by Central Valley Electric Cooperative's booth, in the Exhibit Building, and learn about what's going on at your co-op. We'll have great information, friendly faces, and giveaways. For a complete schedule of events, visit [www.eddycountyfair.com](http://www.eddycountyfair.com).

You can also support the youth of Chaves County at the Chaves County 4-H & FFA Fair July 24 to 30, at the Eastern New Mexico State Fairgrounds in Roswell.

CVE is a proud supporter of the 4-H and FFA youth in our area, and we wish all the exhibitors the best of luck at both the Chaves and Eddy County Fairs.

## Welcome New Employees



**Kyler Bowerman**  
Member Services Representative



**Isaac Salazar**  
Warehouse Supervisor

## Supply Chain Update



The supply chain to the electric utility industry has been put to the test in the past several months and is expected to continue well into 2023. Central Valley Electric Cooperative continues to monitor the situation and we are in constant contact with our suppliers. We do have orders placed for various materials (poles, wire, meters, transformers, etc.), and are now just waiting on delivery. Delivery of some materials are 10 to 12 weeks away, while others could be up to 40 weeks before they're delivered.

We have been fortunate so far to have the materials to build power to members requesting new service, but we also have to maintain enough material in the event of an emergency or bad weather. We are working on retiring idle lines to obtain as much reusable material as possible.

We will continue to monitor the supply chain issue and do our best to keep material in stock, and at the same time keep expenses to co-op members low.

**HOW CAN YOU HELP?** If you are planning on new construction, such as building a new home or upgrading your electric service, please let us know as soon as possible. We don't want this to slow down the completion of your project, and please be patient with us as we work through these supply chain issues. If you have any questions, please give us a call.



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