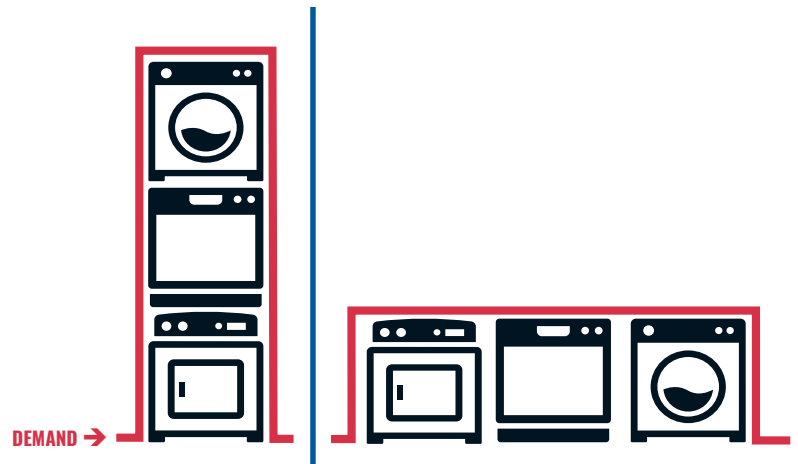


HOW TO SAVE ON THE DEMAND RATE

Demand is affected by how many different items are consuming power at the same time. We like to illustrate it with stacking appliances.

Think about doing laundry, cooking with the oven, and running the dishwasher all at the same time. Add the electric consumption of all those appliances together and that is your total demand. Now, if you cook your dinner, then run the dishwasher and start the laundry before you go to bed, you've effectively lowered your demand.

Staggering the use of major appliances will be the easiest way to manage your electric bill under the new rate structure. When you consistently stagger the use of major appliances so they don't run at the same time, you can keep your demand low. Make it easier by utilizing technology that helps you remember to offset energy use like timers, delay start settings, mobile apps, and programmable thermostats.



HERE ARE SOME HELPFUL TIPS TO MANAGE YOUR DEMAND

- Run the dishwasher after you're done cooking dinner. Or use the delay start feature so your dishwasher runs later at night while everyone is in bed.
- Start your clothes washer before you go to bed in the evening, and then run the dryer after everyone has finished cooking breakfast the following morning.
- Grill outside or use small cooking appliances if the air conditioning is running. (Bonus: you won't overheat your kitchen on a hot day!)
- Set your electric vehicle charger to run after you've turned off other appliances for the day.

Small changes in how you use your household appliances will help you see the corresponding effect to your energy and demand.

DIFFERENT DEMAND FOR EVERY SEASON

Electric usage varies among members, depending on household size, appliances and seasons. Seasonal changes are the most common reason members notice a change in their electric bills. Watch your energy use patterns as the seasons change so you won't be surprised by larger electric bills. Your highest demand season may be different from other members depending on your home and appliances.

When you look at your energy costs, it's important to evaluate 12 months worth of bills—incorporating the ups and downs in usage from all seasons. It's not uncommon for members to save money for 10 months out of the year, but see seasonal spikes due to air conditioning or heat.



SUMMER DEMAND

- Air conditioning
- Pool pumps or fountains
- Hot tubs
- Irrigation motors
- Power tools, compressors



WINTER DEMAND

- Electric heat or portable space heaters
- Electric fireplaces
- Stock tank or engine block heaters
- Drain gutter tapes
- Holiday cooking and Christmas lighting

'WATT' DOES DEMAND COST?



WATTS DIVIDED BY 1,000 = DEMAND (kW)

2019 Demand Rate = \$1.00/kW for the single highest 15-minute interval of power consumption over the billing period.

To estimate your household demand, refer to the following average wattage and demand charges based on 15 minutes of operation.

Appliance	Watts	kW	Demand Charge	Appliance	Watts	kW	Demand Charge
KITCHEN				HOME ENTERTAINMENT			
Blender	500	0.500	\$0.50	Blu-ray Player	15	0.015	\$0.02
Coffee Maker	1000	1.000	\$1.00	DVD Player	15	0.015	\$0.02
Dishwasher	1200-1500	1.2-1.5	\$1.20-\$1.50	TV - LCD	150	0.150	\$0.15
Freezer - Upright - 15 cu. ft.	1240 Wh/Day**	0.052	\$0.05	TV - Plasma	200	0.200	\$0.20
Freezer - Chest - 15 cu. ft.	1080 Wh/Day**	0.045	\$0.05	Stereo Receiver	450	0.450	\$0.45
Fridge - 20 cu. ft. (AC)	1411 Wh/Day**	0.059	\$0.06	Video Game Console	150	0.150	\$0.15
Fridge - 16 cu. ft. (AC)	1200 Wh/Day**	0.050	\$0.05	LIGHTING			
Kettle - Electric	1200	1.200	\$1.20	CFL Bulb - 40 Watt Equivalent	11	0.011	\$0.01
Microwave	1000	1.000	\$1.00	CFL Bulb - 60 Watt Equivalent	18	0.018	\$0.02
Oven - Electric	1200	1.200	\$1.20	CFL Bulb - 75 Watt Equivalent	20	0.020	\$0.02
Toaster	850	0.850	\$0.85	CFL Bulb - 100 Watt Equivalent	30	0.030	\$0.03
Toaster Oven	1200	1.200	\$1.20	Compact Fluorescent 20 Watt	22	0.022	\$0.02
HEATING & COOLING				Compact Fluorescent 25 Watt	28	0.028	\$0.03
Box Fan	200	0.200	\$0.20	Halogen - 40 Watt	40	0.040	\$0.04
Ceiling Fan	120	0.120	\$0.12	Incandescent 50 Watt	50	0.050	\$0.05
Central Air Conditioner - 24,000 BTU NA	3800	3.800	\$3.80	Incandescent 100 Watt	100	0.100	\$0.10
Central Air Conditioner - 10,000 BTU NA	3250	3.250	\$3.25	LED Bulb - 40 Watt Equivalent	10	0.010	\$0.01
Furnace Fan Blower	800	0.800	\$0.80	LED Bulb - 60 Watt Equivalent	13	0.013	\$0.01
Space Heater NA	1500	1.500	\$1.50	LED Bulb - 75 Watt Equivalent	18	0.018	\$0.02
Tankless Water Heater - Electric	18000	18.000	\$18.00	LED Bulb - 100 Watt Equivalent	23	0.023	\$0.02
Water Heater - Electric	4500	4.500	\$4.50	OFFICE EQUIPMENT			
Window AC 10,000 BTU NA	900	0.900	\$0.90	Desktop Computer (standard)	200	0.200	\$0.20
Window AC 12,000 BTU NA	3250	3.250	\$3.25	Desktop Computer (gaming)	500	0.500	\$0.50
Well Pump - 1 HP (start up 4000 watts)	2000	2.000	\$2.00	Laptop computer	100	0.100	\$0.10
ETS - 4 boxes of bricks & fan unit	3600	3.600	\$3.60	LCD Monitor	100	0.100	\$0.10
ETS - 6 boxes of bricks & fan unit	5400	5.400	\$5.40	Modem	7	0.007	\$0.01
ETS - 12 boxes of bricks & fan unit	10800	10.800	\$10.80	Paper Shredder	150	0.150	\$0.15
Stock Tank Heater 0-70 gal.	500	0.500	\$0.50	Printer	100	0.100	\$0.10
Stock Tank Heater 70-100 gal.	1000	1.000	\$1.00	Router	7	0.007	\$0.01
Stock Tank Heater 100-300 gal.	1500	1.500	\$1.50	Smart Phone - Recharge	6	0.006	\$0.01
LAUNDRY				Tablet - Recharge	8	0.008	\$0.01
Clothes Dryer - Electric	3000	3.000	\$3.00	MISCELLANEOUS HOUSEHOLD			
Clothes Dryer - Gas	1800	1.800	\$1.80	Clock Radio	7	0.007	\$0.01
Clothes Washer	800	0.800	\$0.80	Curling Iron	150	0.150	\$0.15
Iron	1200	1.200	\$1.20	Electric Shaver	15	0.015	\$0.02
TOOLS				Electric Blanket	200	0.200	\$0.20
Band Saw - 14"	1100	1.100	\$1.10	Hair Dryer	1500	1.500	\$1.50
Belt Sander - 3"	1000	1.000	\$1.00	Vacuum	1000	1.000	\$1.00
Chain Saw - 12"	1100	1.100	\$1.10	ELECTRIC CHARGING - TIME FOR 60 MILES			
Circular Saw - 7-1/4"	900	0.900	\$0.90	6-8 hrs, Single Phase, 230 V AC		3.300	\$3.30
Circular Saw - 8-1/4"	1400	1.400	\$1.40	2-3 hrs, Single Phase, 230 V AC		7.400	\$7.40
Disc Sander - 9"	1200	1.200	\$1.20	2-3 hrs, Three Phase, 400 V AC		11.000	\$11.00
Drill - 1/4"	250	0.250	\$0.25	1-2 hrs, Three Phase 400 V AC		22.000	\$22.00
Drill - 1/2"	750	0.750	\$0.75	20-30 mins, Three Phase 400 V AC		43.000	\$43.00
Drill - 1"	1000	1.000	\$1.00				

Average appliance wattage is referenced above. To learn more about your appliance wattages:

- Use a Kill-A-Watt Meter to measure wattage of any plug-in item. Learn more at www.unitedpower.com/kill-a-watt-kits/
- Schedule a free energy audit with a United Power Energy Expert