

CEO CORNER



Ryan Bartlett,
President / CEO

How We Balance Electricity Supply & Demand

ELECTRICITY IS ESSENTIAL for nearly every aspect of daily life—so essential that we rarely think about how it's produced and delivered to our homes. You might be surprised to learn that, behind the scenes, a network of experts is working daily (and by the minute) to anticipate how much electricity you need before you even use it.

We're all connected to the electric grid, so ensuring the right amount of electricity for all involves a complex process of forecasting energy demand, planning for capacity and securing enough supply to meet everyone's needs.

Electricity must be generated at a power plant using either traditional sources, such as coal, natural gas or nuclear energy, or from renewable sources, such as solar, wind or hydropower.

Taylor Electric Cooperative works closely with a generation and transmission cooperative, our local wholesale power partner, to secure enough electricity for our communities, using a diverse mix of energy sources to generate the power we deliver to your home or business. By maintaining a diverse energy mix, Taylor Electric has options to ensure reliable power at a competitive cost.

On a larger scale, across the country, electricity supply and demand are managed through a market that includes long-term planning agreements, where electricity is bought and sold just like other common goods and services. Because your co-op works with our wholesale power partner, we're able to pool resources and expertise to deliver affordable power to our local communities.

Electricity supply changes throughout the day because demand fluctuates based on consumers' needs. For example, Taylor Electric knows that we need to ensure more electricity



the mornings when you start your day and in the evenings when you cook dinner, run appliances and watch TV. Demand also increases when it's extremely warm or cold outside.

As the energy sector undergoes rapid change, it's important for consumers to understand the basics of electricity supply and demand.

Electricity use in the U.S. is expected to rise to record highs this year and next, with the demand for electricity expected to at least double by 2050. At the same time, energy policies are pushing the early retirement of always-available generation sources, which will undoubtedly compromise reliable electricity.

Taylor Electric remains committed to providing affordable, reliable energy to the members we serve. That's why we're preparing now for increased demand and other challenges that could compromise our local electricity supply.

Managing electricity supply and demand is a complex job, which is why we have a network of utilities, power plant operators and energy traffic managers in place to secure and manage the power we need and keep the grid balanced.

CEO CORNER



**SAVE
THE
DATE**

Taylor EC's 86th Annual Meeting

April 17, 2025

LYSENKOALEXANDER | ISTOCK.COM

Celebrate Electrical Grounding Day

THIS IS THE MONTH when we all watch to see if the groundhog will see its shadow on Groundhog Day, indicating the end or continuation of winter.

Yet we at Taylor Electric Cooperative like to think of electrical safety on Groundhog Day and take a little artistic license with the name—Electrical Grounding Day.

Humor us and protect yourself this February 2 by considering the importance of electrical grounding, which provides a safe path for electricity to reach the ground to prevent electric shock.

- » Electrical grounding:
- » Eliminates shock hazards.
- » Protects equipment from voltage.
- » Prevents electrical fires.
- » Reduces equipment repair cost and downtime.
- » Lowers levels of electrical noise (fluctuations in an electrical signal).

Have a qualified and licensed electrician verify that your home, outbuildings, electric fences and other systems are properly grounded for the safety of your household.

In areas of the home where electricity and water might meet—such as bathrooms, kitchens, laundry rooms, garages, and near pools or hot tubs—use ground-fault circuit interrupters to cut off electricity if the flow of electricity is not going to ground. Be sure to test these devices regularly to ensure that they are in working condition. Limit risk by not handling electric appliances like hair dryers with wet hands or while standing in water.

Use grounded electrical outlets equipped with three-prong receptacles. Never remove the third prong from a plug. That is the grounding prong, which protects you and your device from electric shock if a malfunction occurs.

Never touch exposed electrical wires or components while they are energized. Always turn off the power to the circuit before performing any electrical work, and use insulated tools and equipment to minimize the risk of shock. When tackling electrical projects, it's always best to call on a qualified and licensed electrician.

Taylor Electric Cooperative

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President/CEO

Ryan Bartlett

Board of Directors

Cecil Davis, Board Chairman, Zone 1

Kathryn Rainey, Board Vice Chairman, Zone 3

David McFall, Secretary-Treasurer, Zone 2

Craig Bessent, Zone 1

Garland Carter, Zone 2

Richard Petree, At-Large

Gay Simmons, Zone 3

Nominating Committee Meeting

February 18, 2025 10:00AM

Taylor EC Nominating Committee

Zone 1 - Taylor County

Mrs. Kristi Allyn | Tuscola

Mr. Chad Widder | Abilene

Mrs. Colleen Richards | View

Zone 2 - Callahan, Jones, Eastland, Shackelford Counties

Mr. Tom Edd Johnson | Cross Plains

Mrs. Ashley Thompson | Clyde

Zone 3 - Coke, Fisher, Nolan Counties

Mr. Glenn Barton | Sweetwater

Mr. Terry Locklar, chairman |

Sweetwater

Mr. Jesse Mulanax | Sweetwater



Check us out at

TexasCoopPower.com/taylor