



PLANNING AHEAD: POWERING GEORGIA'S COUNTIES FOR THE FUTURE



Across Georgia, counties are welcoming new businesses, supporting growing populations, and planning for the future. Reliable electricity plays a quiet but essential role in that progress.

As a not-for-profit cooperative owned by 38 of Georgia's Electric Membership Corporations (EMCs), we plan, build, and maintain the high-voltage transmission lines and substations that support EMCs as they deliver power to more than 4.7 million Georgians. Georgia Transmission is proud to work alongside county leaders across Georgia.

Reliable electricity powers the places communities depend on every day — from schools and hospitals to local businesses and emergency services. As Georgia continues to grow, our role is to help ensure communities have the reliable infrastructure needed to support opportunity, economic growth, and a strong quality of life through thoughtful planning and strong partnerships.

Gridovation®: Strengthening the Grid for Today and Tomorrow

As Georgia's population and economy grow, electricity demand continues to rise. Georgia's transmission network serves as the backbone of the state's electric system, moving electricity from

generation sources to local EMCs that deliver it to homes, schools, and businesses. Through Gridovation®, Georgia Transmission's long-term investment in strengthening this network, we are preparing the grid to support the needs of communities across Georgia.

Our work focuses on three key priorities:

- **Strengthening what's in place:** Maintaining more than 5,000 miles of transmission line and 770 substations, upgrading existing lines with new conductors, and expanding substations when needed to improve reliability while minimizing community impact.
- **Growing capacity with purpose:** Advancing Gridovation® to ensure Georgia's transmission system is prepared to support EMCs and their communities as electricity demand grows.
- **Putting safety first:** Prioritizing system protection, operational readiness, and workforce safety to help ensure reliable power for the members EMCs serve.

These efforts help strengthen the backbone of Georgia's electric grid and help ensure communities remain prepared for future growth.

Exploring New Technologies for Reliability

As the energy landscape evolves, Georgia Transmission is also exploring technologies that may strengthen reliability and resilience in the years ahead.

One example is microgrids - localized systems that can operate independently when necessary, helping maintain electricity access in specific areas if the broader grid experiences an outage.

To better understand how emerging technologies could strengthen the grid and support the communities served by Georgia's EMCs, Georgia Transmission recently opened a microgrid research center near the Georgia Electric Cooperative Training Center in Monroe County to explore how these systems may support reliability and operational flexibility in the future.

Georgia Transmission is also investing in forward-looking research through partnerships with the Electric Power Research Institute (EPRI) to help advance technologies aimed at improving grid reliability and efficiency.

While these initiatives have national reach, the insights they generate help strengthen the electric systems that serve communities across Georgia.

- **DC Flex (Data Center Flexibility):** Exploring how data centers can help stabilize and support the grid.
- **The Open Power AI Consortium:** Studying how artificial intelligence may improve how electricity is produced, delivered, and managed.
- **GET SET (Grid Enhancing Technologies for a Smart Energy Transition):** Accelerating technologies that unlock additional capacity from existing infrastructure.

New technology is already helping our teams analyze information more quickly. Georgia Transmission will continue to invest in planning tools and infrastructure enhancements that will strengthen the electric transmission system and support EMCs as they serve communities across the state.

A Shared Vision for Strong Communities

Georgia Transmission's partnership with the Association of County Commissioners of Georgia reflects a shared commitment to thoughtful planning and collaboration. County leaders play a vital role in supporting the communities we serve, and we value the opportunity to work alongside local leaders as Georgia continues to grow.

This year also marks a milestone within our organization. Terry Buttrill, a longtime member of the Georgia Transmission team, will retire after years of dedicated service helping strengthen Georgia's electric grid and supporting partnerships with communities across the state. We are grateful for Terry's leadership and lasting contributions. Please join us in wishing her well and welcoming Zach Hyers to the Georgia Transmission External Affairs team.

As Georgia grows, Georgia Transmission will continue investing in the infrastructure and research that help ensure EMCs and the communities they serve have reliable power for years to come.

To stay up to date on Georgia Transmission's work, visit gatransmission.com.