

Unleashing American Energy

TVA is adding 6,200 megawatts of new generation, with 3,570 megawatts currently under construction, to meet the growing demand for power.



Recently Completed

- TVA has completed almost 1,900 MW of new gas units at Paradise, KY, Colbert, AL, and Johnsonville, TN

Under Construction

- 1,450 MW of natural gas generation at Cumberland, TN, to be operational by end of 2026
- 1,500 MW of natural gas generation (Kingston Energy Complex) at Kingston, TN, to be operational by end of 2027
- 20 MW of battery storage at Vonore, TN, to be operational by the end of 2026

- 100 MW of solar generation at Shawnee, KY, to be operational by the end of 2028
- 500 MW of gas generation at New Caledonia, MS, to be operational by Jan 2028

Under Evaluation

- 200 MW of aeroderivative at Memphis, TN
- 900+ MW of gas generation at Cheatham County, TN
- 350 MW of gas generation at Lagoon Creek in Brownsville, TN
- 1,600 MW of pumped hydro storage in North Alabama

TVA continues to explore potential long-term options, including:

- Additional gas generation located strategically throughout the region to maintain the stability and security of the grid
- 300 MW small modular reactor (SMR) at the Clinch River Nuclear site in Roane County near Oak Ridge, TN. TVA recently submitted the construction permit application for the first potential SMR at Clinch River and has applied for \$800 million in funding from U.S. Department of Energy.