

Macro Roundup Article

Headline: [Plant Vogtle Unit 4 Begins Commercial Operation](#)

Article Link: <https://www.eia.gov/todayinenergy/detail.php?id=61963#>

Author(s)	Slade Johnson
Publication	Energy Information Agency
Publication Date	May 01, 2024

Tweet: Georgia Power's Vogtle Unit 4, originally scheduled for 2017, entered commercial operations in March. Including Vogtle Unit 3, the 2.4GW expansion cost over \$30B, vs an initial estimate of \$14B; nuclear plants account for 19% of US electrical production.

Summary: Georgia Power announced this week that the 1,114-megawatt Unit 4 nuclear power reactor at Plant Vogtle near Waynesboro, Georgia, entered into commercial operation after connecting to the power grid in March 2024. The commercial start of Unit 4 completes the 11-year expansion project at Plant Vogtle. No nuclear reactors are under construction now in the United States. Vogtle Unit 3 began commercial operation in July 2023. The plant's first two reactors, with a combined 2,430 MW of nameplate capacity, began operations in 1987 and 1989. The two new reactors bring Plant Vogtle's total generating capacity to nearly 5 gigawatts making Vogtle's four units the largest nuclear power plant in the United States. With a total installed capacity of about 97 GW, the largest commercial nuclear generating fleet of any country is located in the United States. The fleet of operating nuclear power reactors accounted for nearly 19% of domestic electricity production in 2023, making nuclear the second-largest source of U.S. electricity generation after natural gas, which accounted for 43% of electricity generation in the United States last year.

Related Articles: Bill Gates' TerraPower Plans To Build First US Next-Generation Nuclear Plant and Electravisión and The Good, the Bad and the Ugly

Primary Topic: Energy

Topics: Energy, Investment, Op-Ed/Blog Post, Productivity

Permalink: <https://www.edwardconard.com/macro-roundup/georgia-powers-vogtle-unit-4-originally-scheduled-for-2017-entered-commercial-operations-in-march-including-vogtle-unit-3-the-2-4gw-expansion-cost-over-30b-vs-an-initial-estimate-of-14b?view=detail>

Featured Image Link: <https://www.edwardconard.com/wp-content/uploads/2024/05/20697-plant-vogtle-unit-4-begins-commercial-operation-featured-image.png>