

Mossy Branch Battery Energy Storage System (BESS) Project

Project Overview

- 65 (MW) standalone battery storage facility located in Talbot County, GA
- connected to the 115 kV Mossy Branch Substation and charges directly from the electric grid.
- can be deployed back to the grid over a four-hour period, adding resiliency to the state's power grid and helping ensure reliable energy for a growing Georgia.
- achieved commercial operation October 24, 2024, becoming the company's first "grid-connected" battery energy storage system (BESS)
- approved as part of the 2019 Integrated Resource Plan (IRP)



Georgia Power worked with industry leader Wärtsilä to provide the engineering, procurement and construction services for the Mossy Branch facility. The project utilizes the GEMS Digital Energy Platform, Wärtsilä's energy management system, to manage the facility and provide secure operations, and is built with Wärtsilä's Quantum, a fully integrated, modular, and compact energy storage system.