

Public Disclosure



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PUBLIC DISCLOSURE

May 15, 2025

Ms. Sallie Tanner
Executive Secretary
Georgia Public Service Commission
244 Washington Street, SW
Atlanta, GA 30334-5701

RE: Georgia Power Company's First Quarterly Construction Monitoring Report for Moody, Robins, McGrau Ford Phase I and II, and Hammond Battery Energy Storage System; Docket No. 56143

Dear Ms. Tanner:

Enclosed for filing is Georgia Power Company's First Quarterly Construction Monitoring Report for Moody, Robins, McGrau Ford Phase I and II, and Hammond Battery Energy Storage System pursuant to O.C.G.A. § 46-3A-7(b), Georgia Public Service Commission ("Commission") Rule 515-3-4-.07(2)(b), and the Commission's Order in Docket No. 55378.

This filing contains certain information that is being filed under the Commission's trade secret rules as explained in the enclosed basis for assertion.

Please contact Cheryl Johnson at 404-506-6837 if you have any questions regarding this filing.

Sincerely,

/s/ Jeremiah C. Haswell

Jeremiah C. Haswell
Director, Regulatory Affairs
Georgia Power Company
jhaswell@southernco.com

Enclosure

STATE OF GEORGIA

BEFORE THE GEORGIA PUBLIC SERVICE COMMISSION

IN RE:)
)
Georgia Power Company) Docket No. 56143
Battery Energy Storage Systems (BESS))
Construction Monitoring)
)

AFFIDAVIT AND VERIFICATION

Joshua L. Andrews, first being duly sworn, deposes and states that he has reviewed Georgia Power Company's 1st Quarterly Construction Monitoring Report for Moody, Robins, Hammond, and McGraw Ford Phase I and Phase II BESS and the information contained in the report is accurate to the best of his knowledge and the specific information designated as trade secret constitute trade secrets pursuant to Article 27 of Chapter 1 of Title 10 of the Official Code of Georgia.


Joshua L. Andrews
Business Operations
Southern Company Services

Subscribed and sworn to before me this 15 day of May, 2025.


Notary Public

My Commission expires:



BEFORE THE GEORGIA PUBLIC SERVICE COMMISSION

**GEORGIA POWER COMPANY
DOCKET NO. 56143**

**BASIS FOR THE ASSERTION THAT REDACTED PORTIONS OF GEORGIA POWER
COMPANY'S QUARTERLY CONSTRUCTION MONITORING REPORT ARE
PROTECTED AS TRADE SECRETS**

Pursuant to the Order Granting Certification of Robins, Moody, Hammond, and McGrau Ford Phase I and II Battery Energy Storage Systems in Docket Nos. 55378 & 44160, Georgia Power Company ("Georgia Power" or the "Company") submits to the Georgia Public Service Commission (the "Commission") its Quarterly Construction Monitoring Report for the Robins, Moody, Hammond, and McGrau Ford Phase I and II Battery Energy Storage Systems Project (the "Report") in Docket No. 56143. Certain provisions of the Report (the "Information") are trade secrets of Georgia Power, Southern Company, and their affiliates and contractors and are therefore protected from disclosure under Commission Rule 515-3-1-.11.

The trade secret portions of the Information derive economic value from not being generally known to, and not being readily ascertainable by proper means by other persons who can obtain economic value from their disclosure or use. Public disclosure of the Information could give the Company's competitors, contractors, vendors, or suppliers an unfair advantage by showing the Company's cost, schedule, and project configurations, and that harm could in turn impair Georgia Power and its customers. More specifically, the Information pertains to financial, commercial, planning, strategy, construction, schedule, cost, and transmission information related to the development of the Robins, Moody, Hammond, and McGrau Ford Phase I and II Battery Energy Storage Systems that is considered confidential and proprietary by the Company and is not generally known by the public. Potential competitors of the Company could use the trade secret portions of the Information to obtain a detailed picture of the Company's costs and project configurations and thereby gain a competitive advantage over the Company to the detriment of the Company's customers. Further, contractors, vendors, or suppliers could use the Company's projected costs and assumptions to tailor future bid proposals to create an artificial floor in pricing that could prevent the Company from procuring equipment and services at the best cost for customers. Finally, the Company's competitors are not required to disclose similar information and to require the Company to do so would place it at an economic disadvantage.

The trade secret portions of the Information are subject to extensive efforts to maintain their confidentiality. Only select Georgia Power and Southern Company personnel and their legal counsel are granted access to the trade secret portions of the Information. Those personnel receive access only on a "need to know" basis. Before a party outside of Georgia Power and Southern Company and their legal counsel are granted access to the trade secret portions of the Information, the party is required to sign a confidentiality agreement with respect to the trade secret portions of the Information.

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Georgia Power Company

Battery Energy Storage System

Moody, Robins, McGrau Ford Phase I and II, and Hammond

1st Quarterly Construction Monitoring Report

Docket No. 56143

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EXECUTIVE SUMMARY

- **Moody, Robins, McGrau Ford Phases I & II, and Hammond are on track to be commercially available in May 2026, June 2026, October 2026 & September 2026, and November 2026, respectively.**

All five (5) Georgia Power Company Battery Energy Storage System (“BESS”) projects, being managed collectively as a portfolio, remain on schedule to provide reliable electricity for customers required by the winter of 2026/2027. The Company entered into a Purchase and Sale Agreement with Tesla to provide Megapacks for all five projects. The Company entered into EPC Agreements with Burns & McDonnell for the Robins BESS and McGrau Ford Phases I and II BESS projects and EPC Agreements with Crowder Industrial Construction, LLC. (“Crowder”) for the Moody BESS and Hammond BESS projects. Both Burns & McDonnell and Crowder continue to advance engineering, procurement, and site development activities, with major equipment deliveries on track to meet the need dates of the current construction sequence.

Table 1 – Project Overview

Project	Capacity (MW)	Duration (hr)	Commercial Operation Date (COD)¹	Certified Cost (\$ in thousands) excluding Contingency²
Moody	49.5	4	May-26	REDACTED
Robins	128	4	Jun-26	REDACTED
McGrau Ford Phase II	265	4	Sep-26	REDACTED
McGrau Ford Phase I	265	2	Oct-26	REDACTED
Hammond	57.5	4	Nov-26	REDACTED

- **Based on expenditures incurred through March 31, 2025, and the most recent forecast, the Company is on track to complete the Portfolio within the certified in-service cost estimates³ agreed during the BESS Certification Proceedings.**

Table 2 – BESS Construction Monitoring Report Expenditures

	Actual through March 2025 (\$ in thousands)	Estimated At Completion (EAC) (\$ in thousands)
Construction Cost	REDACTED	REDACTED
Ad Valorem Tax	REDACTED	REDACTED
AFUDC	REDACTED	REDACTED
Total Portfolio Cost	REDACTED	REDACTED

¹ COD Date reflects dates included in the Certification Filing.

² REDACTED

³ REDACTED

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Table 3 - Portfolio Cost Overview

REDACTED

Figure 1 – Portfolio Spend Curve

REDACTED

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Project Specific Updates

1. Moody BESS

a. Introduction:

Moody BESS is a 49.5 MW battery system located in Lowndes County, Georgia. The Moody BESS project will be primarily charged by the existing solar resources at the site. Once developed, the Moody BESS project will serve as dispatchable capacity resources that provide customers with a reliable and economical source of electricity required by the winter of 2026/2027. In addition, the resources will form a critical component of the Company's diverse generation portfolio, helping ensure the Company has the mix of technologies necessary to provide reliable and resilient electric service for all customers during all hours.

As noted in the Certification filing (Docket No. 55378), Georgia Power will directly purchase the Megapack 2XL BESS from Tesla under a Purchase and Sale Agreement (PSA). The EPC contractor, Crowder, will be responsible for the engineering, design, procurement, construction and installation of all on-site equipment, including the Megapack 2XL. Moody BESS is on track to be commercially available in May 2026.

b. Safety:

Site leadership continues to promote a safety-first culture. Through the end of first quarter 2025, there have been zero OSHA recordable events at Moody site.

c. Overall Project Status:

- EPC's Scope:
 - a. Mobilized construction on-site
 - b. Civil work, including site grading, stormwater pond, and roads, are complete
 - c. Foundation construction started
 - d. Electrical construction started
 - e. 90% design complete
- Tesla Battery Update:
 - a. Battery deliveries and commissioning are on-track
 - b. Delivery Window: REDACTED
 - c. Commission date: REDACTED
- Owner's Scope:
 - a. Received lithium carbonate price adjustment
 - b. Interconnection Agreement executed REDACTED
 - c. Power Delivery
 - a. Target Ready for Back-feed in REDACTED
 - b. Design and Engineering is 75% complete

d. Licenses/Permits Status:

- None

Table 4 – Major Milestone Procurement Summary – REDACTED

Figure 2 – Level 1 Schedule – REDACTED

Figure 3 – Critical Path Summary – REDACTED

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2. Robins BESS

a. Introduction:

Robins BESS is a 128 MW battery system located in Bibb County, Georgia. The Robins BESS project will be primarily charged by the existing solar resources at the site. Once developed, the Robins BESS project will serve as dispatchable capacity resources that provide customers with a reliable and economical source of electricity required by the winter of 2026/2027. In addition, the resources will form a critical component of the Company's diverse generation portfolio, helping ensure the Company has the mix of technologies necessary to provide reliable and resilient electric service for all customers during all hours.

As noted in the Certification filing (Docket No.55378), Georgia Power will directly purchase the Megapack 2XL BESS from Tesla under a Purchase and Sale Agreement (PSA). The EPC contractor, Burns and McDonnell, will be responsible for the engineering, design, procurement, construction and installation of all on-site equipment, including the Megapack 2XL. Robins BESS is on track to be commercially available in June 2026.

b. Safety:

Site leadership continues to promote a safety-first culture. Through the end of first quarter 2025, there have been zero OSHA recordable events at Robins site.

c. Overall Project Status:

- EPC's Scope:
 - a. Mobilized construction on-site
 - b. Continued work on 90% design drawings
 - c. Completed grading work
 - d. Poured 75% of equipment foundations
- Tesla Scope:
 - a. Battery deliveries and commissioning are on-track
 - b. Delivery Window: REDACTED
 - c. Commission date: REDACTED
- Owner's Scope:
 - a. Received lithium carbonate price adjustment
 - b. Interconnection Agreement executed REDACTED
 - c. Power Delivery
 - a. Target Ready for Back-feed in REDACTED
 - b. Started Civil/fence expansion work for substation
 - c. Design and Engineering is 95% Complete.

d. Licenses/Permits Status:

- None

Table 5 – Major Milestone & Procurement - REDACTED

Figure 4 – Level 1 Schedule - REDACTED

Figure 5 – Critical Path Summary - REDACTED

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3. McGrau Ford Phase I & Phase II

a. Introduction:

McGrau Ford Phase I & Phase II BESS project are each 265 MW standalone battery system located in Cherokee County, Georgia. Both McGrau Ford Phase I & Phase II BESS will be grid charged, and it will pull energy directly from the grid as directed through Automatic Generation Control (AGC) signal. Once developed, the McGrau Ford Phase I & Phase II BESS project will serve as dispatchable capacity resources that provide customers with a reliable and economical source of electricity required by the winter of 2026/2027. In addition, the resources will form a critical component of the Company's diverse generation portfolio, helping ensure the Company has the mix of technologies necessary to provide reliable and resilient electric service for all customers during all hours.

As noted in the Certification filing for Phase II (Docket No.55378) and Phase I (Docket No.44160), Georgia Power will directly purchase the Megapack 2XL BESS from Tesla under a Purchase and Sale Agreement (PSA). The EPC contractor, Burns and McDonnell, will be responsible for the engineering, design, procurement, construction and installation of all on-site equipment, including the Megapack 2XL. McGrau Ford Phase I & Phase II BESS is on track to be commercially available in October 2026 and September 2026, respectively.

b. Safety:

Site leadership continues to promote a safety-first culture. Through the end of first quarter 2025, there have been zero OSHA recordable events at McGrau Ford site.

c. Overall Project Status:

- EPC's Scope:

- a. Mobilized construction on-site
- b. Completed site preparation activities (clearing and grubbing)
- c. Continuing on-site grading activities
- d. Design work is nearing completion

- Tesla Battery Update:

- a. Battery deliveries and commissioning are on-track
 - a. Delivery Window:
 - i. Phase I: REDACTED
 - ii. Phase II: REDACTED
 - b. Commissioning Window:
 - i. Phase I: REDACTED
 - ii. Phase II: REDACTED

- Owner's Scope:

- a. Phase II Transitional Cluster Study released on 1/31/25
- b. Power Delivery
 - i. Target Ready for Back-feed – REDACTED
 - ii. Design and Engineering is 95% Complete

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d. Licenses/Permits Status:

- None

Table 6 – Major Milestone & Procurement Summary – REDACTED

Figure 6 – Level 1 Schedule - REDACTED

Figure 7 – Critical Path Summary – REDACTED

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4. Hammond

a. Introduction:

Hammond BESS is a 57.5 MW battery system located in Floyd County, Georgia. The Hammond BESS project will be grid charged, and it will pull energy directly from the grid as directed through Automatic Generation Control (AGC) signal. Once developed, the Hammond BESS project will serve as dispatchable capacity resources that provide customers with a reliable and economical source of electricity required by the winter of 2026/2027. In addition, the resources will form a critical component of the Company's diverse generation portfolio, helping ensure the Company has the mix of technologies necessary to provide reliable and resilient electric service for all customers during all hours.

As noted in the Certification filing (Docket No.55378), Georgia Power will directly purchase the Megapack 2XL BESS from Tesla under a Purchase and Sale Agreement (PSA). The EPC contractor, Crowder, will be responsible for the engineering, design, procurement, construction and installation of all on-site equipment, including the Megapack 2XL. Hammond BESS is on track to be commercially available in November 2026.

b. Safety:

Site leadership continues to promote a safety-first culture. Through the end of first quarter 2025, there have been zero OSHA recordable events at Hammond site.

c. Overall Project Status:

- EPC's Scope:
 - a. 90% design is in progress
 - b. Premobilization site work, grading, drainage and erosion control are scheduled to begin in REDACTED
 - c. Construction to mobilize in REDACTED
- Tesla Battery Update:
 - a. Battery deliveries and commissioning are on-track
 - b. Delivery Window: REDACTED
 - c. Commission date: REDACTED
- Owner's Scope:
 - a. Phase II Transitional Cluster Study released on 1/31/25
 - b. Power Delivery – Target Ready for Back-feed in REDACTED

d. Licenses/Permits Status:

- None

Table 7 – Major Milestone & Procurement Summary - REDACTED

Figure 8 – Level 1 Schedule - REDACTED

Figure 9 – Critical Path Summary - REDACTED

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5. **Project Risks (Moody, Robins, McGrau Ford Phase I & II, and Hammond BESS)**

The Company is actively managing risks on the Project, focusing on wide-ranging tariff impacts, schedule adherence, timely engineering and manufacturing productivity, and integration of Contractors and Owner's Scope. The ability of the Contractors to procure, manufacture, and deliver necessary components to the site on time, coupled with the ability to attract and retain sufficient craft to productively achieve the construction schedule, will be critical to minimizing impacts to the Project. The Company will continue to monitor the impact associated with tariffs to the project.

The GPC BESS risk register includes both external (EPC) and internal risk events and is updated as required on a monthly basis in coordination with the Project team and senior management.

The risk register's estimated cost impacts have significantly increased from its initial submission due to material increases in expected impacts of tariffs for all sites. These impacts were analyzed by site and country based on the product sourced. Contract terms dictate the sharing of tariff impacts with the Battery Equipment and Supply contractor. Additionally, previous reported estimate refinements were incorporated into the forecast. New risks were added for each site to account for possible AFUDC impacts of schedule delays and opportunities for AFUDC reforecasting.

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6. Georgia Power Response to BESS Stipulation #6

As part of the Order Adopting Stipulation and Granting Certification of Robins, Moody, Hammond, and McGrau Ford Phase I and II BESS from December 12, 2024, Georgia Power agreed to provide Staff a copy of the 2024 transitional cluster study, which the Company provided on May 15, 2025. Importantly, the 2024 transitional cluster study did not impact the expected costs of the portfolio of BESS project.⁴

7. Georgia Power Response to BESS Stipulation #7

Georgia Power also agreed to consider alternatives, including potential operational adjustments or dispatch changes, prior to finalizing transmission upgrades identified in the McGrau Ford Phase II screening analysis in its 10-year Transmission Plan.

In the August 2024 Certification Application, Georgia Power included a transmission analysis for McGrau Ford Phase II BESS that identified \$14.35 million of required transmission improvements from two projects.

Table 8 – McGrau Ford Phase II BESS Attributable Transmission Projects

Project	Planning Grade Estimate	Lead – Time (months)	Need Date	2024 TYP Need Date
REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total =	\$14,350,000			

The 2024 Georgia Integrated Transmission System (“ITS”) 10-Year Plan, filed with the 2025 IRP on January 31, 2025, identified one project associated with the McGrau Ford Phase II BESS Project. The REDACTED project was no longer considered attributable to the McGrau Ford Phase II BESS project. The need date of the REDACTED project changed to REDACTED with a cost of REDACTED.

Georgia Power considered alternatives, including potential operational adjustments or dispatch changes; however, over-reliance on operational dispatch adjustments can mask underlying issues that would prevent the identification and resolution of root causes that could otherwise be addressed through transmission projects, like the project associated with the McGrau Ford Phase II BESS project. Operational dispatch adjustments also have an associated economic impact that must be considered. Limiting adjustments encourages a more sustainable approach to addressing thermal constraints through infrastructure improvements and strategic planning.

⁴ The 2024 transitional cluster study report used standard timelines for all projects and assumed that no work has been completed. These standard timelines resulted in many facilities in the study report having notes included that the proposed in-service dates are potentially not attainable. In the case of the Hammond and McGrau Ford Phase II BESS projects, design and procurement of long-lead time equipment has already begun as noted in Section F.1, and the overall schedules for these projects are not expected to be impacted.

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The analysis used to identify the transmission improvement project needed to accommodate the McGrau Ford Phase II project is consistent with the Company's conventional planning processes as filed in Sections A, B, and D of Technical Appendix Volume 3 as part of the 2025 GPC Integrated Resource Plan (Docket No. 56002). Such improvements are consistent with the types of transmission improvements typically required to accommodate new system generation. The Company will continue using the annual ten-year transmission plan process to identify the updated system improvements needed to maintain a strong and reliable transmission system. The Company develops the ten-year transmission plan in accordance with Southern Company and ITS transmission planning guidelines and the most current North American Electric Reliability Corporation ("NERC") reliability standards.