Georgia Power

Bin 10230
241 Ralph McGill Boulevard NE
Atlanta, GA 30308-3374

February 15, 2024

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

RE: Georgia Power Company's Solar Quarterly Construction Monitoring Report; Docket No. 24505, Docket No. 39028, and Docket No. 40161

Dear Ms. Tanner:

Enclosed for filing per the direction of the Georgia Public Service Commission (the "Commission") with regard to the above referenced proceedings is Georgia Power Company's Solar Quarterly Monitoring Report for the quarter ending December 31, 2023.

This filing contains certain information that is being filed under the trade secret rules of the Commission. Furthermore, this letter and the accompanying documents are submitted consistent with the Alternative Electronic Filing Procedures established by the Commission on March 17, 2020.

Please call me at (404) 506-3044 or Cheryl Johnson at (404) 506-6837 if you have any questions regarding this filing.

Sincerely,

/s/ Kelley M. Balkcom

Kelley M. Balkcom
Director, Regulatory Affairs
Georgia Power Company
MMCCLOSK@southernco.com

ASSERTION THAT REDACTED PORTIONS OF GEORGIA POWER'S SOLAR QUARTERLY CONSTRUCTION MONITORING REPORT ARE PROTECTED AS TRADE SECRETS

DOCKET NO. 24505, DOCKET NO. 39028, AND DOCKET NO. 40161

In response to the Georgia Public Service Commission's ("Commission") request for quarterly update reports regarding the military and other self-build solar projects approved by the Commission in Docket No. 24505, Docket No. 39028, and Docket No. 40161, Georgia Power Company ("Georgia Power" or "the Company") hereby submits to the Commission the Quarterly Solar Report for the period ending December 31, 2023 (the "Report"). The Report contains sensitive contractual and project pricing information as well as other confidential details (the "Information") that constitute trade secret information of Georgia Power and Southern Company and is protected from public disclosure as such under Commission Rule 515-3-1-.11.

The Information derives 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. More specifically, disclosure of the Information would reveal details related to the confidential pricing terms of the various engineering, procurement and construction agreements related to these projects. Revealing the Information would compromise the Company's ability to procure the best cost resources in connection with these projects or future projects. More specifically, it would give Georgia Power's potential suppliers access to proprietary cost information, thereby granting them insight into the Company's budgeted costs and timing of expenditures. Suppliers could use this information to artificially set future bid and proposal prices, resulting in the Company having to pay a price higher than that which it would have otherwise paid on a level playing field. Furthermore, competitors of the Company are not generally required to disclose similar information and to require the Company to do so would put it at an economic disadvantage.

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

A. Wilson Mallard, first being duly sworn, deposes and states that he has reviewed the Report and that the information included in the Report is accurate to the best of his knowledge and that the specific information designated as trade secret constitute trade secrets pursuant to Article 27 of Chapter 1 of Title 10 of the Georgia Code.

A. Wilson Mallard
Renewable Development Director
Georgia Power Company

Subscribed and sworn to before me this 12 day of February, 2023.

Notary Public

My Commission expires:



Georgia Power Company's
Solar Quarterly Construction Monitoring Report
Through December 31, 2023

This report is provided in accordance with the Georgia Public Service Commission's ("Commission") request for quarterly update reports regarding the solar self-build projects approved by the Commission in Docket Nos. 24505, 39028, and 40161.

Executive Summary

Pursuant to the Commission's orders in Docket Nos. 24505, 39028 and 40161, Georgia Power Company (the "Company") has achieved commercial operation and/or commenced design, procurement and construction of the solar self-build projects specified in the table below. These solar self-build projects provide an economical supply of electric power for the Company's customers and include projects that either (i) support United States military goals regarding renewable energy, energy resiliency and energy security, and provide a significant investment in Georgia military bases; (ii) provide renewable energy in support of the Company's community solar program; or (iii) are being completed in conjunction with local state universities.

Project	Project Size	Commercial Operation Date	Vendor
Military Portfolio			
Fort Benning	30 MW_{AC}	12/31/2015*	AMEC
Fort Gordon	30 MW_{AC}	10/4/2016*	PowerSecure
Fort Stewart	30 MW_{AC}	10/4/2016*	PowerSecure
Naval Submarine Base Kings Bay	30 MW_{AC}	12/1/2016*	AMEC
Marine Corps Logistics Base (MCLB) Albany	31 MW_{AC}	2/16/2018*	AMEC
April 2017 Portfolio			
Robins Air Force Base	128 MW_{AC}	4/15/2021*	Signal Energy
Comer Community Solar	2 MW_{AC}	1/5/2018*	URE
Guyton Community Solar	3.6 MW_{AC}	7/25/2019*	URE
Waynesboro Community Solar	2.4 MW_{AC}	6/28/19*	URE
November 2017 Portfolio			
Fort Valley State University	10.8 MW_{AC}	1/21/2022*	IEA
Georgia College & State University	3.5 MW_{AC}	Q4 2025	TBD
Moody AFB	49.5 MW_{AC}	6/23/2020*	AMEC (Wood)
June 2018 Portfolio			
LaGrange Solar	0.8 MW_{AC}	2/28/20*	BL Harbert

* Reflects the date on which the facility achieved commercial operation

Project Activity through December 31, 2023

1. Military Portfolio

Expenditures on the projects through December 31, 2023 total REDACTED. The following is a summary of work performed on each project through December 31, 2023:

Fort Benning

The Fort Benning Solar Facility declared commercial operation on December 31, 2015. Final site stabilization was reached in Q2 2021.

Fort Gordon

The Fort Gordon Solar Facility declared commercial operation on October 4, 2016. Final site stabilization was achieved Q4 2022.

Fort Stewart

The Fort Stewart Solar Facility declared commercial operation on October 4, 2016. Final site stabilization was reached in Q4 2018.

MCLB Albany

The Marine Corps Logistics Base Albany Solar Facility declared commercial operation on February 16, 2018. Final site stabilization was achieved April 2, 2019.

2. April 2017 Portfolio

Expenditures on the projects through December 31, 2023 total REDACTED. The following is a summary of work performed on each project through December 31, 2023:

Robins Air Force Base

Commercial Operation for the facility was achieved on April 15, 2021. Final site stabilization is expected to be complete in Q2 2024.

Guyton Community Solar (formerly Savannah Community Solar)

The Guyton Community Solar Facility declared commercial operation on July 25, 2019. Final site stabilization was achieved on April 1, 2021.

Waynesboro Community Solar (formerly Vogtle Community Solar)

Commercial operation for the facility was achieved on June 28, 2019. Final site stabilization was achieved on January 23, 2020.

3. November 2017 Portfolio

Expenditures on the projects through December 31, 2023 total REDACTED. The following is a summary of work performed on each project through December 31, 2023:

Fort Valley State University

The Fort Valley State University project is a 10.8 MW_{AC} fixed tilt solar generation facility. Commercial Operation for the facility was achieved on January 21, 2022. Georgia Power was selected as the winning bidder for the land lease request for proposal issued by the State of Georgia. A lease agreement for the site has been executed. A notice to proceed was issued to the engineering procurement and construction contractor, IEA Constructors, on October 12, 2020. In compliance with the Commission order in Docket No. 40161, the Company provided the final engineering, procurement, and construction contract to Staff on November 16, 2020.

Georgia College & State University

The Georgia College & State University (GCSU) project is a 3.5 MW_{AC} fixed tilt solar generation facility. The Company anticipates the project will achieve commercial operation in Q4 of 2025. The Georgia College & State University land RFP to build a solar plant was awarded to Georgia Power on April 20, 2020. However, recent developments with the original site will require GPC to find a new site at GCSU which has changed the expected in-service date.

Moody Air Force Base

Commercial Operation for the facility was achieved on June 23, 2020. Final site stabilization was achieved December 21, 2020.

4. June 2018 Portfolio

Expenditures on the projects through December 31, 2023 total REDACTED. The following is a summary of work performed on each project through December 31, 2023:

LaGrange Solar

Commercial operation for the facility was achieved on February 28, 2020. Final site stabilization was achieved August 31, 2020.

Projected Spending Curve as of December 31, 2023

Table 1 Military Portfolio - Total Projected Spending Curve by Quarter (dollar amounts are reflected in millions)

A projected spending curve by quarter for the Company's military solar project portfolio is shown below, along with expenditures to date. The variance is primarily due to a shift in timing of certain expenditures and completion of final punch list items.

		Cumulative	Cumulative	Cumulative
	Projected	Projected	Actual	Variance
	Spend	Spend	Expenditures	To Date
Through Q4 – 2014	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2015	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2015	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2015	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2015	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2016	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2016	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2016	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2016	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2017	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2017	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2017	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2017	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2021	REDACTED	REDACTED	REDACTED	REDACTED

Q1 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q1 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED
Q2 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED
Q3 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED
Q4 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED

Table 2 April 2017 Portfolio - Total Projected Spending Curve by Quarter (dollar amounts are reflected in millions)

A projected spending curve by quarter for the Company's solar self-build April 2017 Portfolio is shown below, along with expenditures to date. The variance is primarily due to a shift in mobilization and construction for the Robins AFB and community solar projects.

	Projected Spend	Cumulative Projected Spend	Cumulative Actual Expenditures	Cumulative Variance To Date
Q1 – 2017	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2017	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2017	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2017	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2022	REDACTED	REDACTED	REDACTED	REDACTED

Q2 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q1 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED
Q2 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED
Q3 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED
Q4 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED

Table 3 November 2017 Portfolio - Total Projected Spending Curve by Quarter (dollar amounts are reflected in millions)

A projected spending curve by quarter for the Company's solar self-build November 2017 Portfolio is shown below, along with expenditures to date.

		Cumulative	Cumulative	Cumulative
	Projected	Projected	Actual	Variance
	Spend	Spend	Expenditures	To Date
Q1 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q1 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED
Q2 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED
Q3 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED

Q4 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED

Table 4 June 2018 Portfolio - Total Projected Spending Curve by Quarter (dollar amounts are reflected in millions)

A projected spending curve by quarter for the Company's solar self-build June 2018 Portfolio is shown below, along with expenditures to date.

		Cumulative	Cumulative	Cumulative
	Projected	Projected	Actual	Variance
	Spend	Spend	Expenditures	To Date
Q1 – 2017	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2017	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2017	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2017	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2018	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2019	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2020	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2021	REDACTED	REDACTED	REDACTED	REDACTED
Q1 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q2 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q3 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q4 – 2022	REDACTED	REDACTED	REDACTED	REDACTED
Q1 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED
Q2 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED
Q3 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED
Q4 -- 2023	REDACTED	REDACTED	REDACTED	REDACTED

Robins Air Force Base



Figure 1 Arial (Q2 2021)

Moody Air Force Base



Figure 2 Array, Substation & Site Stabilization (Q4 2020)



Figure 3 Array & Site Stabilization (Q4 2020)

Guyton Community Solar



Waynesboro Community Solar



LaGrange Solar



Fort Valley Solar

