Georgia Power

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PUBLIC DISCLOSURE

January 31, 2024

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

RE: Georgia Power Company's 2023 Integrated Resource Plan Update;
Docket No. 55378

Dear Ms. Tanner:

In accordance with O.C.G.A. § 46-3A-1, et seq., and Georgia Public Service Commission (the "Commission") Rules 515-3-4-.06 through 515-3-4-.10, as applicable, Georgia Power Company ("Georgia Power") filed its 2023 Integrated Resource Plan ("IRP") Update on October 27, 2023. Georgia Power now files its Application for Certification of Plant Yates Units 8-10 ("Application") as requested within the 2023 IRP Update.

This filing is covered under the trade secret rules of the Commission as explained in the enclosed document regarding the basis for the assertion. Therefore, in addition to the trade secret document and per the Commission Staff's instructions, 3 copies and an electronic version of the redacted Application is enclosed for public disclosure.

Please contact 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

Encl.

BEFORE THE GEORGIA PUBLIC SERVICE COMMISSION

GEORGIA POWER COMPANY
DOCKET NO. 55378

AFFIDAVIT AND BASIS FOR THE ASSERTION THAT PORTIONS OF THE INFORMATION SUBMITTED ARE PROTECTED TRADE SECRETS

As part of its 2023 Integrated Resource Plan Update ("2023 IRP Update"), filed in Docket No. 55378, Georgia Power Company ("Georgia Power" or the "Company") submits to the Georgia Public Service Commission an Updated Economic Analysis for Capacity Resources, which contains data supporting proposed projects in the 2023 IRP Update including Company-owned proposals, which include sensitive pricing, resource operational capability data, and development timelines, and also certain information regarding the Company's proprietary planning processes, financial data, technology screening assumptions, generic technology and resource cost information, specific resource, technology and avoided cost information, economic analyses, load and energy forecast data assumptions, and other data, including confidential details regarding current and future transmission projects (the "Information"). Certain portions of the Information are trade secrets of Georgia Power and Southern Company and their affiliates and is therefore protected from public 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. Specifically, the trade secret portions of the Information contained herein include competitively sensitive pricing and operational capability data, including project development timelines where applicable, specific to the resources under contract within each power purchase agreement or proposed to be developed. If the Information were made public, competitors, bidders, and suppliers could use the Information to unfairly manipulate the request for proposals process and competitive market to structure future bids and set an artificial price floor to arbitrarily increase prices to the detriment of the Company and its customers. Public dissemination of the Information would undermine Georgia Power's ability to negotiate the best price and contract terms and could harm the Company's ability to secure the best cost bids and resources for the benefit of customers. In addition, the terms of the power purchase agreements themselves provides for the confidentiality and protection of the Information. Compromising the confidentiality of such Information could harm Georgia Power in future PPA negotiations, as counterparties may fear compelled disclosure of key contractual terms. Lastly, the Company's competitors are not required to reveal or publish similar information.

The trade secret portions of the Information also contain competitively sensitive cost information related to available technology options, processes and data used by Georgia Power in analyzing resource addition schedules, financial data used in the Company's resource analyses, and other confidential details including data supporting resource economic evaluations. Public dissemination of the trade secret portions of the Information would allow Georgia Power's competitors and suppliers to have access to such processes and strategies and thereby gain an unfair competitive advantage in the marketplace. Competitors would obtain an unfair advantage because they are not required to reveal similar information and can utilize such trade secret portions of the Information to manipulate pricing and timing of supply to the disadvantage of Georgia Power. Competitors would also unfairly benefit in having access and insight into the Company's planning processes and methodologies. This competitive advantage for the Company's suppliers and competitors would mean that Georgia Power will potentially pay higher prices to suppliers, ultimately harming Georgia Power and its customers.

Certain trade secret portions of the Information provided include load and energy forecast data assumptions such as projections of new customer load the Company assesses it may be selected to serve in the near future, estimates of parameter inputs for modeling probability distributions, and the values of any external adjustments made to the forecast. Public disclosure of the Information could unfairly alter the Company's negotiation position with prospective new customers, which could result in a less advantageous rate being secured and thus potentially harming retail customers through higher rates. In addition, the Company's competitors are not required to file their respective competitive intelligence information.

Additionally, the Information contains competitively sensitive cost information related to the prices Georgia Power has estimated for transmission equipment and specific details related to the Company's transmission infrastructure. Public dissemination of the Information would allow Georgia Power's competitors and suppliers to have access to the costs paid by the Company and insight into the Company's transmission planning process. Access to the Information would also allow competitors to gain specific insight into the Company's technical analysis regarding planned projects. Competitors would obtain an unfair advantage because they are not required to reveal similar information and can structure the pricing for competing products based on the Information. In the event the Information was released, it is quite likely that suppliers would use the Information to set the floor in establishing their own prices, thus artificially and inefficiently setting a market price that may not be representative of the best cost that the market could offer. Competitors would also unfairly benefit in having access and insight into the Company's planning processes and methodologies. This competitive advantage for the Company's suppliers and competitors would mean that Georgia Power will potentially pay higher prices to suppliers, ultimately harming Georgia Power.

The trade secret portions of the Information are subject to substantial procedures to maintain their secrecy. Only select Georgia Power and Southern Company personnel are granted access to the trade secret portions of the Information. Those personnel receive access only on a "need to know" basis. Parties outside Georgia Power and Southern Company affiliates and their legal counsel who have been granted access to the trade secret portions of the Information, if any, have been required to sign confidentiality agreements.

Jeffrey R. Grubb, first being duly sworn, deposes and states that he has reviewed the Application for Certification of Plant Yates Units 8-10 filed in Georgia Power's 2023 IRP Update in Docket No. 55378 and that to the best of his knowledge the specific information designated as trade secret constitute trade secrets in accordance with O.C.G.A. § 10-1-761 (2021).

Jeffrey R. Grubb
Director, Resource Policy & Planning
Georgia Power Company

Subscribed and sworn to before me this 24th day of January, 2024.

Notary Public

My Commission expires:



Georgia Power Company's Application for Certification of Plant Yates Units 8-10

Docket No. 55378

Georgia Power Company's Application for Certification of Plant Yates Units 8-10

Docket No. 55378

Applicant name, address, and principal place of business:

Georgia Power Company
241 Ralph McGill Blvd NE
Atlanta, GA 30308

Authorized person to receive notices or communications with respect to application:

Cheryl Johnson
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Location for public inspection:

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Executive Summary

This Application for the Certification of Plant Yates Units 8-10 ("Application") is made pursuant to O.C.G.A. § 46-3A-4 and Commission Rule 515-3-4-.07(3) and in support of the capacity needs identified in Georgia Power Company's ("Georgia Power" or the "Company") 2023 Integrated Resource Plan Update ("2023 IRP Update"). As explained in the Company's 2023 IRP Update and this Application, Plant Yates Units 8-10 are necessary to meet the needs of Georgia Power customers in the winter of 2026/2027 and beyond, and approval of this Application is in the public interest.

With the 2023 IRP Update, Georgia Power is seeking approval of approximately 3,300 megawatts ("MW") of generation capacity resources to serve its immediate growing customer demand. As a part of the Company's 3,300 MW request, Plant Yates Units 8-10 represent approximately 1,300 MW of critical and essential capacity resources that will provide an economical and reliable supply of electric power for the Company's retail customers during this period of extraordinary growth and for years to come.

As demonstrated by the load forecast in the 2023 IRP Update, Georgia is experiencing extraordinary economic growth that has significantly impacted the magnitude and timing of Georgia Power's capacity needs. To support this economic growth, the Company must maintain an electric system that can reliably meet the needs of customers. Since the approval of Georgia Power's 2022 Integrated Resource Plan ("2022 IRP") in Docket No. 44160, Georgia's successful economic development efforts have added more than $24 billion in capital investment and more than 38,000 jobs to the state. A substantial portion of this rapid economic expansion is expected to occur over the next five years, and as a result, Georgia is experiencing a historic increase in the state's energy and capacity needs. Based on the information known and the economic activity evident at the time of the 2022 IRP, Georgia Power anticipated less than 400 MW of load growth between the winter of 2023/2024 and the winter of 2030/2031. As clear evidence of Georgia's economic development success, in the sixteen months from the approval of the 2022 IRP to the end of 2023, the Company has been chosen by large load customers to serve more than 3,500 MW of new load. Now, with this 2023 IRP Update, the Company's current projections reflect significant load growth of 6,600 MW through the winter of 2030/2031. Georgia Power expects retail rates to decrease for its customers as increased sales and customer growth should more than offset the cost of the critical resources requested in the 2023 IRP Update, which are needed to serve the incremental load from these new customer projects.

With the 2023 IRP Update, Georgia Power has set forth a plan to help ensure it can continue to reliably serve the state's growing capacity needs while also lowering rates for all retail customers. Georgia Power's long-standing ability to meet the energy needs of our growing state is based on prudent and forward-thinking resource planning, combined with constructive regulation by the Commission, that ensures Georgia Power can provide clean, safe, reliable, and affordable energy to its customers. The development of Plant Yates Units 8-10 is one of several critical steps needed to address the extraordinary near and long-term energy needs of this state and our customers. Collectively, these three units will generate more than 1,300 MW of necessary peaking capacity, with the first unit available to serve customers beginning in the winter of 2026/2027. This peaking capacity resource is paramount to the Company's ability to continue to reliably meet the capacity needs of our customers and our state.

The certification of Plant Yates Units 8-10 is essential to help ensure Georgia Power can (i) continue to reliably meet the electricity needs of its customers, (ii) provide long-term reliability and economic benefits to all customers, and (iii) support continued economic development in Georgia. The state's continued economic growth will provide numerous benefits to our state, including job creation and local tax revenues. Critically, as Georgia's economy grows, the number of customers who are in need of electric service grows, and that customer growth provides the opportunity to spread the cost of electric service over a larger customer base, which, in turn, lowers rates for retail electric customers.

Plant Yates Units 8-10 are three advanced frame, dual-fuel simple cycle combustion turbines ("CTs") that will provide a combined total of approximately 1,300 megawatts ("MW") of capacity and associated energy, with Unit 8 projected to come online in 2026 and Units 9 and 10 in 2027. Georgia Power has selected cost-effective advanced CT technology developed by Mitsubishi for these units. Each Yates CT is a dual-fuel capable unit that consists of a high-efficiency compressor, combustor, and high-efficiency turbine along with Selective Catalytic Reduction ("SCR") emission controls. When operating on natural gas, the units would provide up to approximately 1,300 MW of capacity. If natural gas is unavailable during any given time, the units will run on ultra-low sulfur diesel ("ULSD") fuel, providing approximately 1,070 MW of capacity. The Plant Yates units will run on ULSD fuel during peak winter and summer periods if the natural gas pipeline capability is constrained. As developed, Plant Yates Units 8-10 will be the most efficient CTs on the Company's system and capable of providing cost-effective dispatchable energy to customers for decades.

The Company entered an Engineering Procurement and Construction ("EPC") Agreement with a consortium of Mitsubishi Power Americas, Inc., and Black and Veatch Construction, Inc., (the "Consortium") for Plant Yates Units 8-10. The Consortium has substantial experience building CTs and recently completed such a project for Southern Company. The EPC Agreement provides a mechanism to meet the necessary in-service dates for Plant Yates Units 8-10, while mitigating construction risk for the Company and appropriately incentivizing the Consortium to develop the units on time and on budget. The Company has experienced personnel in place to provide oversight and appropriate execution of the EPC Agreement by the Consortium and is highly confident in its ability to successfully execute the project.

Plant Yates Units 8-10 will be located at the existing Plant Eugene A. Yates in Coweta County, Georgia. Utilizing the existing plant site allows the Company to avoid issues related to the development of a greenfield site, while taking advantage of its familiarity with the site and existing site infrastructure. Moreover, the environmental conditions, fuel supply, and life cycle operation and maintenance associated with the Plant Yates site are all favorable. Plant Yates is also located in an area of the state that is continuing to see significant electrical growth. Thus, locating these new CTs in this growing area provides additional reliability to the area, which has seen limited growth in generation development.

In conclusion, development and certification of Plants Yates Units 8-10 are critical components of the 2023 IRP Update as these new units will join our existing generation resource portfolio as necessary peaking capacity that will allow Georgia Power to meet the imminent 2026/2027 capacity need in a cost-effective way that benefits all customers. Considering the magnitude and accelerated timing of the capacity need years, Plant Yates Units 8-10 should be exempted from Request for Proposal ("RFP") requirements as allowed by Commission Rule 515-3-4-.04(3)(f)(6) and (7) as requested by the Company in the 2023 IRP

Update. As shown in both the Company's 2022 IRP and the 2023 IRP Update, both CTs and combined cycle units continue to be necessary sources of dispatchable generation. The lack of existing dispatchable resources in the marketplace and the unprecedented capacity needs facing Georgia necessitate the development of Plant Yates Units 8-10 so that the Company can continue to reliably serve its customers. Moreover, the development of these units provides long-term reliability to customers that will support the Company's transition to cleaner sources of generation while meeting this unprecedented capacity need as early as 2026.

The Company requests that the Commission consider this Application on an expedited timeline as part of the 2023 IRP Update in Docket No. 55378, considering the capacity offered from this transaction will be used by the Company to meet its accelerated capacity needs described in more detail in the 2023 IRP Update.

Description of the Proposed Capacity Resources

The Company seeks to certify three advanced frame, dual-fuel simple cycle CTs at Plant Yates that will provide a total of approximately 1,300 MW of capacity and associated energy. The Company has contracted for Plant Yates Unit 8 to reach commercial operation by December 1, 2026, with Unit 9 to achieve commercial operation by May 1, 2027, and Unit 10 to achieve commercial operation by August 1, 2027. Each unit will be comprised of a single advanced frame combustion turbine with both natural gas and fuel oil firing capability. The capacity of each CT is 441 MW when utilizing natural gas and 351 MW when utilizing ULSD fuel. The units will be located at the existing Plant Yates site in Coweta County, Georgia and will contribute to satisfying the Company's 2026/2027 capacity needs identified in the 2023 IRP Update.

Once developed, Plant Yates Units 8-10 will serve as dispatchable resources that provide customers with a reliable and economical source of electricity required by the winter of 2026/2027. In addition, they 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.

References to the 2023 IRP Update

The Application includes by reference the following material from the Georgia Power 2023 IRP Update, Docket No. 55378, filed on October 27, 2023:

(1) the 2023 IRP Update Load and Energy Forecast;
(2) the Resource Mix Study, as revised by the Supplemental Filing and Supplemental Errata filed on December 4 and December 7, respectively;
(3) the Economic Analysis of Capacity Resources, as revised per the Supplemental Filing on January 12, 2024; and
(4) the Technical Information Supporting the Proposal to Develop up to 1,400 MW from Three Simple Cycle Combustion Turbines at Plant Yates.

In addition, included as TS Attachment A to this Application is the EPC Agreement between Georgia Power Company and the Consortium, with an effective date of January 12, 2024.

Georgia Power's Near-Term Action Plan

The Company's near-term action plan for supply capacity, as set forth below, reflects the relevant plans approved in the 2022 IRP, specific details relating to actions proposed in the 2023 IRP Update, and potential actions to be addressed in the 2025 IRP.

- The Commission approved the following resource actions in the 2022 IRP:
    - **Distributed Generation ("DG") Renewable RFPs**. The 2023 DG RFP was approved on August 15, 2023, and sought to procure energy from 193 MW of renewable resources. The 2024 DG RFP is scheduled to be issued in the fourth quarter 2024 and will target the procurement of energy from 100 MW of renewable resources. The resources procured from these RFPs will provide winter planning capacity of 15 MW by the winter of 2025/2026.
    - **Utility Scale Renewable RFPs**. The CARES 2023 Utility Scale RFP was issued in December 2023 and will seek to procure energy from 2,875 MW of renewable resources. The Company anticipates issuing the CARES 2025 Utility Scale RFP in 2025, targeting 475 MW and any remaining unfilled MW from the 2023 RFP. The resources from these RFPs are expected to provide winter planning capacity for solar of approximately 168 MW by the winter of 2028/2029.
    - **Biomass RFP**. The Company is currently evaluating bids received in the Biomass RFP, with contract execution expected in the second quarter 2024. Georgia Power projects that 140 MW of biomass resources will be online by the end of 2028.
    - **Energy Storage System ("ESS") RFP**. The Company plans to issue the ESS RFP in 2024 seeking 500 MW of energy storage resources online by the end of 2028.
    - **All Source RFP**. For the 2029-2031 capacity needs, Georgia Power will purchase generating capacity from the market as a result of the All-Source RFP, which was launched prior to the end of 2023 with plans to issue to the market by the end of second quarter 2024, with certification of selected resources planned by the end of 2025. The target capacity to be procured in the 2029-2031 All-Source RFP will be determined closer to the issuance of the RFP and will reflect the Company's then-current capacity needs.
    - **Long-Term Capacity PPAs**. The Commission approved and certified six capacity PPAs totaling 2,356 MW in the 2022 IRP Final Order to fill the capacity need at the time of plant retirements: (1) Plant Wansley Unit 7 PPA; (2) Plant Dahlberg Units 2 & 6 PPA; (3) Plant Harris Unit 2 PPA; (4) Plant Dahlberg Units 1, 3, & 5 PPA; (5) Plant Monroe Units 1-2 PPA; and (6) Plant Dahlberg Units 8-10 PPA.

- For the Company's accelerated capacity needs for the winter of 2025/2026 through the winter of 2027/2028 identified in the 2023 IRP Update, the Company has proposed a portfolio of potential capacity resource solutions, including:
    - Purchase of 750 MW of capacity and energy from Mississippi Power Company from January 1, 2024 through December 31, 2028.
    - Purchase of 230 MW of capacity and energy from Santa Rosa Energy Center from the first of the month following Commission approval through December 31, 2028.
    - Authority to develop, own, and operate up to 1,000 MW of BESS, with the following specified projects:
        - 178 MW of 4-hour duration lithium-ion BESS at Robins and Moody Air Force Bases.
        - 200 MW BESS co-located with 200 MW of new solar.
    - Authority to develop, own, and operate over 1,300 MW from three simple cycle CTs at Plant Yates.

Table 1 and Table 2 below reflect the 2023 IRP Update Load vs. Capability for Georgia Power in winter and summer, respectively, and confirm the supply needs identified in the near-term action plan.

Table 1 – Georgia Power Load vs. Existing Capability MG0 (Winter)

Year	Peak Demand (MW), (A)	Owned Generating Capacity (MW), (B)	Purchased Generating Capacity (MW), (C)	Dispatchable DSOs (MW), (D)	Total Capacity (MW)	Capacity Required to Meet GPC Target (MW) (E)	GPC Reserve Margin (%)
2024	15,283	14,770	4,535	675	19,980	(964)	31%
2025	15,947	15,341	5,159	696	21,196	(1,352)	33%
2026	17,256	15,343	5,237	716	21,296	175	23%
2027	18,928	15,706	5,321	758	21,785	1,875	15%
2028	19,751	15,706	5,576	805	22,088	2,601	12%
2029	20,551	14,702	5,430	750	20,882	4,807	2%
2030	21,326	14,703	5,430	752	20,885	5,774	-2%
2031	21,880	14,703	3,411	750	18,864	8,487	-14%
2032	22,141	14,703	3,449	749	18,901	8,776	-15%
2033	22,353	14,703	3,431	749	18,883	9,059	-16%
2034	22,515	14,703	3,465	749	18,917	9,228	-16%
2035	22,630	14,013	2,186	749	16,948	11,340	-25%
2036	22,746	10,453	1,588	749	12,790	15,643	-44%
2037	22,938	10,453	1,548	749	12,750	15,924	-44%
2038	23,257	10,494	1,206	749	12,449	16,624	-46%
2039	23,624	10,494	1,206	749	12,449	17,083	-47%
2040	23,926	10,494	846	749	12,089	17,820	-49%
2041	24,282	10,494	826	749	12,069	18,285	-50%
2042	24,643	10,494	823	749	12,066	18,739	-51%
2043	25,033	10,494	820	749	12,063	19,229	-52%

Notes (A) Territorial Load requirements less non-dispatchable DSOs

(B) Assumes in-service dates of 7/31/2023 and 4/1/2024, respectively, for Plant Vogtle Units 3 & 4

(C) Includes territorial and imported power purchases. Capacity does not include the 500 MW Energy Storage System (ESS) Request for Proposals (RFP) approved in the 2022 Integrated Resource Plan (IRP) to show total procurement needs.

(D) Values stated in combustion turbine equivalence terms

(E) Does not consider planning reserve sharing. Reflects GPC's Target Reserve Margin resulting from a System Target Reserve Margin of 25.50% (2024-2026) and 26% (2027 and beyond).

Table 2 - Georgia Power Load vs. Existing Capability MG0 (Summer)

Year	Peak Demand (MW), (A)	Owned Generating Capacity (MW), (B)	Purchased Generating Capacity (MW), (C)	Dispatchable DSOs (MW), (D)	Total Capacity (MW)	Capacity Required to Meet GPC Target (MW) (E)	GPC Reserve Margin (%)
2024	16,757	14,585	4,499	786	19,871	(623)	19%
2025	17,383	14,608	6,510	823	21,941	(1,975)	26%
2026	18,804	14,673	6,555	852	22,080	(482)	17%
2027	20,633	15,003	7,308	900	23,211	600	12%
2028	21,561	15,003	7,306	925	23,234	1,647	8%
2029	22,445	14,038	8,060	803	22,900	3,001	2%
2030	23,305	14,044	6,104	806	20,953	5,940	-10%
2031	23,921	14,044	6,419	805	21,267	6,337	-11%
2032	24,236	14,044	6,756	802	21,601	6,366	-11%
2033	24,497	14,044	7,038	802	21,883	6,386	-11%
2034	24,717	14,044	7,361	802	22,206	6,317	-10%
2035	24,879	13,395	5,950	802	20,147	8,562	-19%
2036	25,052	10,051	5,822	802	16,674	12,235	-33%
2037	25,299	10,051	5,692	802	16,544	12,649	-35%
2038	25,532	10,051	5,464	802	16,316	13,147	-36%
2039	25,763	10,051	5,464	802	16,316	13,413	-37%
2040	25,984	10,051	5,155	802	16,007	13,978	-38%
2041	26,378	10,051	5,103	802	15,955	14,484	-40%
2042	26,743	10,051	5,093	802	15,945	14,916	-40%
2043	27,122	10,051	5,088	802	15,940	15,358	-41%

Notes

(A) Territorial Load requirements less non-dispatchable DSOs

(B) Assumes in-service dates of 7/31/2023 and 4/1/2024, respectively, for Plant Vogtle Units 3 & 4

(C) Includes territorial and imported power purchases. Capacity does not include the 500 MW Energy Storage System (ESS) Request for Proposals (RFP) approved in the 2022 Integrated Resource Plan (IRP) to show total procurement needs.

(D) Values stated in combustion turbine equivalence terms

(E) Does not consider planning reserve sharing. Reflects GPC's Target Reserve Margin resulting from a System Target Reserve Margin of 15.75% (2024-2026) and 16.25% (2027 and beyond).

Updated Load and Energy Forecast

As outlined in the 2023 IRP Update, Georgia continues to be one of the fastest growing states in the country. Over the last decade, the state's economy has continued to thrive, and today, Georgia's economic development pipeline is more robust than ever, with record growth as companies look to locate or expand within the state. This growth has produced tremendous benefits for the state. Since the approval of Georgia Power's 2022 IRP, Georgia's successful economic development efforts have added more than $24 billion in capital investment and more than 38,000 jobs to the state. A substantial portion of this rapid economic expansion is expected to occur over the next five years, and as a result, Georgia is experiencing a historic increase in the state's energy and capacity needs. This robust economic growth has been driven in large part by Georgia's recognition as one of the best places in the country in which to do business and the state's continued strong customer growth across residential, commercial, and industrial classes.

Georgia Power's 2023 IRP Update Load Forecast, completed in September 2023, projects substantial customer load growth stemming from the rapid economic development occurring in Georgia. The demand projected in the Company's 2023 IRP Update Load Forecast far exceeds the demand projected in the 2022 IRP. Based on the information and economic activity at the time of the 2022 IRP, the Company anticipated less than 400 MW of growth between the winter of 2023/2024 and the winter of 2030/2031. In contrast, current projections reflect load growth of 6,600 MW through the winter of 2030/2031.

The significant increase in the projected demand for energy since the 2022 IRP reflects the extraordinary growth associated with the numerous new large load projects Georgia Power has been selected to serve, as well as a considerable pipeline of potential future projects. Prior to 2021, on average, the Company was selected to serve approximately 100 MW of large load projects per year. In 2021, the Company was selected to serve 336 MW, which is three times this historical average. In 2022, the Company was selected to serve 2,197 MW, or twenty-two times the historical average. During 2023, the Company was selected to serve nearly 1,900 MW of large projects. Moreover, in the sixteen months from the approval of the 2022 IRP to the end of 2023, the Company has been chosen by large load customers to serve more than 3,500 MW of new load. This growth confirms the supply need for resources in 2026 and beyond. A detailed discussion of the territorial energy and demand forecasts is found in the Technical Appendix of the 2023 IRP Update.

Updated Capacity Needs

The increase in the projected demand for energy driven by Georgia's extraordinary economic growth has significantly impacted the magnitude and timing of the Company's projected capacity needs. The Company has a capacity need when its existing, committed, and planned capacity is less than its projected seasonal, weather-normal load forecast plus the seasonal planning target reserve margin. Based on the load levels in the 2023 IRP Update, Georgia Power has a projected capacity need beginning in the winter of 2025/2026. In addition, the projected capacity need through the winter of 2030/2031 has increased from approximately 3,700 MW, based on projections in the 2022 IRP, to as much as 8,500 MW, based on the 2023 IRP Update Load Forecast. In the 2023 IRP Update, the Company is requesting approximately 3,300 MW of resources to meet the capacity needs through 2028. For additional information on the Company's

revised capacity needs, please see the Company's 2023 IRP Update filed with the Commission on October 27, 2023.

Certification Requirements

Commission Rule Exception to the RFP Requirement in Rule 515-3-4-.04

Commission Rule 515-3-4-.04(3)(f)(6) and (7) provide exceptions to the Commission rule that requires the Company to procure supply-side resources through an RFP process. Commission Rule 515-3-4-.04(3)(f)(6) provides that the Commission shall expressly consider in each IRP, and make a determination in each IRP, whether to exclude from the RFP Process any new supply-side resources identified in the soliciting entity's approved IRP. Therefore, the Commission may find it appropriate to approve the construction of Plant Yates Units 8-10 and certify the resources without having been procured through a competitive RFP process. The Company requested the Commission exempt Plant Yates Units 8-10 from its RFP requirement as part of its request in the 2023 IRP Update.

Further, Commission Rule 515-3-4-.04(3)(f)(7) articulates the Commission's policy that investor-owned utilities under its regulation, such as Georgia Power, shall maintain a minimum percentage of their capacity as self-owned rate-based assets. Pursuant to the 2001 IRP Final Order, the Commission established the minimum ratio of self-owned assets to purchased power at 70/30. The Commission Rule provides that when the utility is nearing or finds that its self-owned capacity would fall below this minimum percentage (here, 70%), the utility shall inform the Commission of this eventuality in advance of the RFP Process and seek guidance from the Commission on how to proceed. The Company provided notice to the Commission that it was close to falling below the minimum ownership percentage as part of its 2022 IRP and 2023 IRP Update filings.

As demonstrated by the Company's Request for Information ("RFI") Summary Report included in the 2023 IRP Update Supplemental Filing on December 4, 2023, there are no existing market resources identified that can meet the Company's capacity needs in the winter 2025/2026 to winter 2027/2028 timeframe. The RFI results support the Company's resource plan identified in the 2023 IRP Update. While the Company supports the procurement of market resources through the Commission's competitive RFP process for the benefit of customers, market participants selected through that process are not obligated to serve Georgia Power's customers and are not able to address the Company's capacity needs on the accelerated timeline identified in the 2023 IRP Update. So that it can continue providing its customers with reliable service and meet the timelines of customers' needs, Georgia Power must develop new resources in accordance with the RFP exceptions in the Commission's Rules in addition to procuring resources through the typical RFP process. Moreover, to ensure a reliable and efficient generation fleet, it is critical that the Company maintain a diverse resource portfolio that includes market resources, Company-owned resources, and a balance of resource technologies.

Plant Yates Units 8-10 Construction Information

Cost-Benefit Analysis

Refer to the Company's Updated Economic Analysis as part of the Supplemental Filing on January 12, 2024, for a cost-benefit analysis of Plant Yates Units 8-10 that reflects the costs and schedules from the EPC Agreement between Georgia Power Company and the Consortium with an effective date of January 12, 2024.

Site Selection Analysis

Plant Yates was selected as the location for the proposed dual-fuel CTs primarily due to available space, available transmission, and the fact that site conditions are well understood based on previously performed due diligence. This combination of factors enables the Plant Yates site to support the expedited development of the three dual-fuel CTs.

Work in recent years at Plant Yates included assessments of available site space; engineering and construction factors such as geotechnical conditions, accessibility for heavy equipment, and delivery of oversized equipment; and the ability to tie into existing Plant Yates infrastructure. In addition to these assessments, the Company evaluated the environmental conditions, fuel supply, and life cycle operation and maintenance associated with locating three CTs at Plant Yates, all of which were determined to be favorable.

The benefits of using the Plant Yates site also includes the reuse of an existing generation site and industrial developed land. Finally, Plant Yates is a favorable site for these units due to continuing electric load growth in north Georgia and the Atlanta metro area, given that local generation additions have not kept pace with the growth in this region. Siting these units at Plant Yates best meets essential capacity needs for Georgia.

Fuel Use

The three advanced frame CTs proposed at Plant Yates would provide approximately 1,300 MW of capacity when fueled by natural gas, providing higher output and greater efficiency than previous generations of simple cycle CT designs. If natural gas is unavailable as a fuel source, the units are capable of operating on ULSD fuel and providing approximately 1,070 MW of capacity. The units will run on ULSD fuel during peak winter and summer periods if the natural gas pipeline capability is constrained. On-site fuel oil storage capability will allow for 72 hours of continuous operation to provide reliability and resiliency benefits to customers.

In addition, the Company is proposing to build a new natural gas pipeline lateral from Transco's interstate pipeline to the plant. The new lateral would be adjacent to an existing pipeline lateral to Plant Yates from Transco. Natural gas may be delivered to the plant site via existing firm gas transportation for Plant Yates Units 6-7. No firm transportation or additional gas capacity is being proposed to support these units, since these units can operate on ULSD fuel year-round.

Estimated Annual Costs

The table below includes estimated annual costs. All costs are thousands of dollars in nominal terms.

Year	Estimated Annual Depreciation	Estimated Annual Return on Capital Investment	Estimated Annual Income Taxes on Capital Investment	Estimated Fixed O&M	Estimated Insurance	Estimated Property Taxes	Estimated Annual Capital Additions
2023	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2024	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2025	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2026	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2027	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2028	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2029	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2030	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2031	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2032	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2033	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2034	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2035	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2036	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2037	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2038	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2039	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2040	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2041	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2042	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2043	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2044	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2045	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2046	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2047	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2048	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2049	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2050	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2051	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2052	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2053	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2054	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2055	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2056	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2057	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2058	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2059	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2060	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2061	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2062	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2063	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2064	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2065	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**

2066	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2067	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2068	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2069	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2070	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2071	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
2072	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**

Rates of Escalation of Cost

Capital costs, O&M costs that are variable and unrelated to fuel, and O&M costs that are fixed are all escalated per an assumed inflation rate of REDACTED. The inflation rate is based on a forecast of Gross Domestic Product Implicit Price Deflator ("GDPIPD"). Please see the "Fuel" worksheet in "TS Attachment B – Plant Yates Units 8-10 Applicable Variable Cost and Operations Data" for projected nominal fuel costs.

Estimated Annual Variable Costs and Operational Data

Information for several of the following sections is provided in "TS Attachment B - Plant Yates Units 8-10 Applicable Variable Cost and Operations Data" and referenced where appropriate.

Total Estimated Annual Average Cost per kWh

The total annual average cost per MWh for each year of operation to dispatch Plant Yates Units 8-10 is found in the "Dispatch Cost" worksheet in "TS Attachment B - Plant Yates Units 8-10 Applicable Variable Cost and Operations Data" and is based on the moderate gas zero-dollar ("MG0") scenario.

Equivalent Availability Factors

Actual planned maintenance is determined by a number of starts criteria. Please see the "Operations" worksheet in "TS Attachment B - Plant Yates Units 8-10 Applicable Variable Cost and Operations Data" for expected outage rates.

Capacity Factors

The average expected capacity factor by year for the Proposed Plant Yates CTs is provided in the "Operations" worksheet in "TS Attachment B - Plant Yates Units 8-10 Applicable Variable Cost and Operations Data" for expected capacity factors by unit. The capacity factors are based upon the projected economic dispatch of the units.

Duty Cycle

The proposed Plant Yates CTs are expected to operate during peak load conditions. The expected equivalent full load hours of economic operation per year are provided in the "Operations" worksheet in "TS Attachment B – Plant Yates Units 8-10 Applicable Variable Cost and Operations Data" for the expected number of starts per year by unit.

Heat Rates

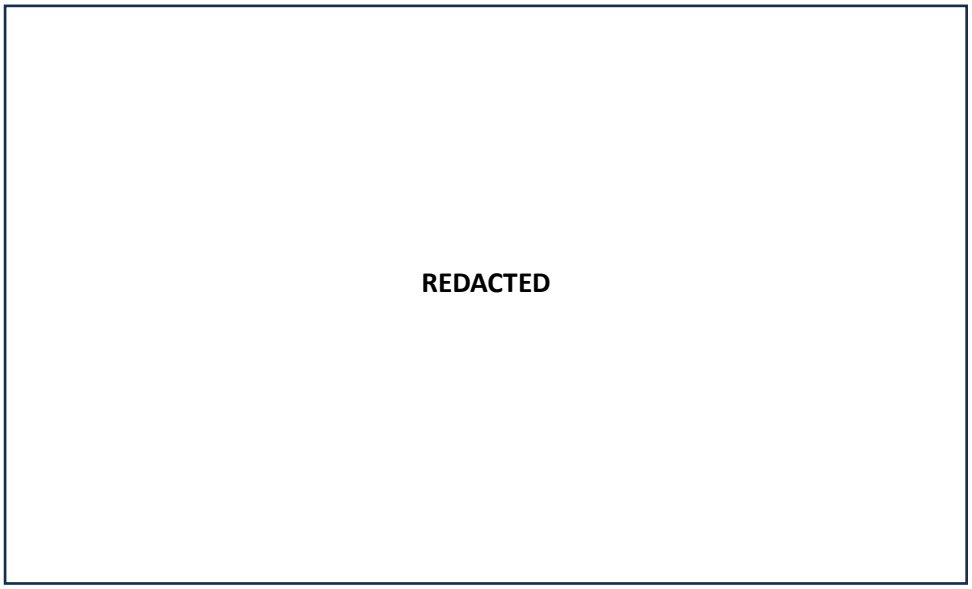
See below for a chart of the proposed Plant Yates CTs expected heat rate performance utilizing natural gas at 40-degrees Fahrenheit.

REDACTED

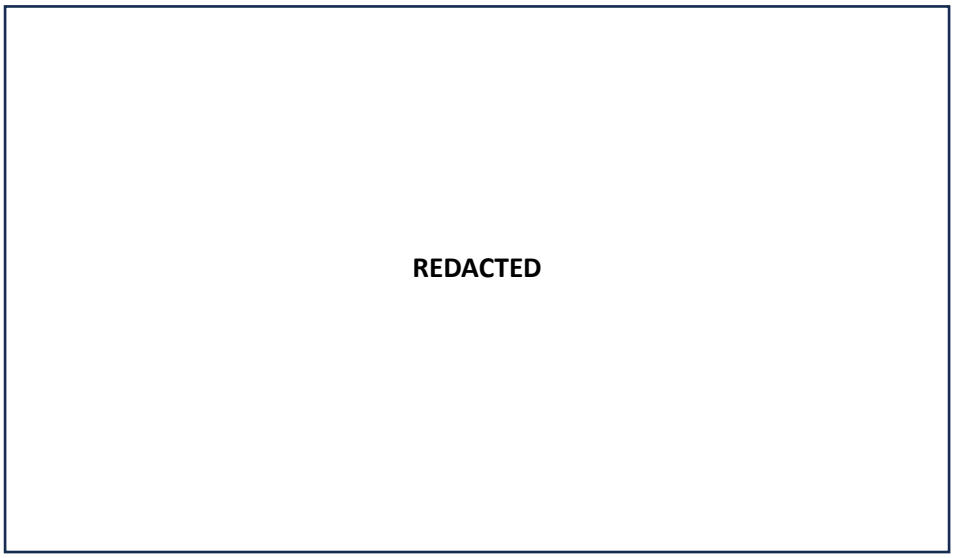
See below for a chart of the proposed Plant Yates CTs expected heat rate performance utilizing ULSD at 40-degrees Fahrenheit.

REDACTED

See below for a chart of the proposed Plant Yates CTs expected heat rate performance utilizing natural gas at 95-degrees Fahrenheit.



See below for a chart of the proposed Plant Yates CTs expected heat rate performance utilizing ULSD at 95-degrees Fahrenheit.



Unit Lifetime

The engineering design life for each of the proposed CTs is 45 years.

Estimated Environmental Impact

The following are estimated emissions for each dual-fuel, simple cycle unit and are subject to final design, permitting, and operation:

(I) 0.0014 pounds of sulfur oxides per MMBTU on natural gas; 0.0015 pounds of sulfur oxides per MMBTU on ULSD;

(II) 0.0099 pounds of oxides of nitrogen and nitrous oxides per MMBTU on natural gas; 0.022 pounds of oxides of nitrogen and nitrous oxides per MMBTU on ULSD;

(III) 119 pounds of carbon dioxide per MMBTU on natural gas; 162 pounds of carbon dioxide per MMBTU on ULSD;

(IV) 0.0028 pounds of volatile organic hydrocarbons per MMBTU on natural gas; 0.003 pounds of volatile organic hydrocarbons per MMBTU on ULSD;

(V) 0.0088 pounds of carbon monoxide per MMBTU on natural gas; 0.013 pounds of carbon monoxide per MMBTU on ULSD;

(VI) 0.0034 pounds of particulates/air toxics per MMBTU on natural gas; 0.015 pounds of particulates/air toxics per MMBTU on ULSD;

(VII) Pounds of methane per MMBTU are negligible;

(VIII) Pounds of chlorofluorocarbons, halogens, and other ozone-depleting substances per MMBTU are negligible;

(IX) Tons per year of solid waste are negligible. Ash, scrubber sludge, high- and low-level nuclear waste will not be produced;

(X) 1,435 million gallons per year of water input and 0.75 million gallons per year of water output are estimated for each unit. Receiving water impacts are expected to be negligible;

(XI) Spent nuclear fuel will not be created;

(XII) Approximately 33 acres of land use will be used by the three CT units;

(XIII) Pounds of hydrogen sulfides per MMBTU are negligible; and

(XIV) 0.0074 pounds of ammonia per MMBTU on natural gas; 0.0079 pounds of ammonia per MMBTU on ULSD.

Lead Time

See "TS Attachment C – Plant Yates Units 8-10 Long Lead Equipment Schedule" for the schedule and lead times for major procurement items.

Potential Socioeconomic Impacts

Average construction employment is projected between 300 and 400 personnel. During peak employment periods, employment is projected to grow to approximately 500 personnel. Permanent staff is estimated between 30 and 40 personnel, creating long-term jobs in Coweta County. Plant Yates Units 8-10 will provide additional electric service reliability to an area of the state that has seen significant growth, but limited growth in electric generation development. In addition, and as discussed previously in this Application, Plant Yates Units 8-10 will support the extraordinary economic growth occurring throughout Georgia. Supporting Georgia's growth will have both near-term and long-term positive economic impacts on the entire state's economy and will benefit all Georgia Power customers.

Special Design Features

The proposed project will utilize three dual-fuel capable Mitsubishi M501JAC CTs. This technology consists of a high-efficiency compressor, combustor, and high-efficiency turbine that operate as described below. First, the inlet air is filtered and then compressed in a multiple stage axial flow compressor. The compressed air and fuel are mixed and combusted in the turbine combustion chamber. Hot exhaust gases from the combustion chamber expand through a multi-stage power turbine that results in energy to drive both the air compressor and electric power generator. Advancements in CT design and exhaust gas temperature management enable the simple cycle units to be fitted with catalyst systems to reduce emissions.

Total Cost Estimate

Development of Plant Yates Units 8-10 is estimated to cost approximately **REDACTED**.

Cost Expenditure Plan

Costs shown are in thousands of nominal dollars.

Cost Expenditure Plan Nominal k$						
	2023	2024	2025	2026	2027	Total
Planning	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
Licensing	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
Engineering/Design & Construction	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
Contingency	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
Start Up	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
Gas Lateral	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
EPC Contract	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
Total	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**

Descriptions of each category are provided below:

- Planning – Preliminary studies and investigation ("PSI") and environmental support.
- Licensing – Not applicable.
- Engineering/Design & Construction – Internal technical engineering and services, interconnection, process safety management ("PSM"), GSU, vendor quality, construction power, information technology ("IT"), onsite security, pre-commercial operation labor and supplies, supply chain support, project controls, legal, and asset management.
- Contingency – Contingency.
- Start Up – Start-up fuel, test energy, performance acceptance test monitor, technical training, instrumentation and controls, and document control.
- Gas Lateral – Pipeline to be built from the plant site to the Transco interstate pipeline.
- EPC Contract – EPC contract costs and sales tax application.

Identification of Major Contracts

Engineering, Procurement, and Construction

The Company's approach to the engineering, procurement, and construction of Plant Yates Units 8, 9, and 10 is primarily based on a fixed-price turnkey contract.

On January 12, 2024, the Company entered the EPC Agreement with the Consortium, which is referred to as the "Contractor" within the EPC Agreement. The Company executed the EPC Agreement after consideration of available options and resources that could meet the Company's expedited capacity need in a timely manner. The Company selected the Consortium based on its expertise and ability to complete the project on time, as informed by a productive, previously established business relationship and fixed-price turnkey model already successfully employed by Southern Company.

Under the EPC Agreement, the Consortium will provide all services at a fixed price, consistent with an agreed to scope of work and specifications that comprise the majority of the three units. The contract price of the EPC Agreement is **REDACTED REDACTED**. Applicable sales tax exemptions are projected to reduce the contract price to an estimated **REDACTED REDACTED**.

Prior to executing the EPC Agreement, the Company and Contractor entered into the "Agreement for Preliminary Engineering and Development Services and Option to Purchase Equipment" on October 3, 2023, for the purpose of the Contractor providing long-lead engineering services and options for long-lead equipment that were necessary to achieve the Company's accelerated need. A list of equipment and services can be found in Exhibit A in the "Lead Times for Major Procurement Items" section.

Together, these agreements provide the Company with most of the design engineering, material and equipment procurement, and construction of the three CTs. These agreements are inclusive of major equipment and associated auxiliaries, plant controls, balance of plant components and systems, foundations, and related plant facilities.

Outside of the EPC Agreement, the Company will be responsible for certain components of the project including the procurement and delivery of three generator step-up ("GSU") transformers to the site, one for each CT. The Company will provide for the transmission interconnection of the units into the existing Plant Yates Units 6 & 7 switchyard. Also, independent of the EPC Agreement, the Company will provide for a new natural gas lateral pipeline to be built from the plant site to the Transco interstate pipeline.

Finally, the Company will provide certain site and owner's items including but not limited to asset management, environmental permitting, construction and technical oversight and support, start-up related support, and test fuel.

Costs Associated with Construction

All construction costs are included in the table found in the above section titled "Cost Expenditure Plan."

AFUDC, Ad Valorem, and Sales Tax

Pre-commercial operation allowance for funds used during construction ("AFUDC"), ad valorem, and sales tax costs are shown in thousands of nominal dollars in the table below. Sales tax costs are estimated as zero due to exemptions applying to EPC contractor purchases for manufacturing machinery. An estimate of sales tax beyond the EPC contract is not available.

	AFUDC	Ad Valorem	Sales Tax
2023	**REDACTED**	**REDACTED**	**REDACTED**
2024	**REDACTED**	**REDACTED**	**REDACTED**
2025	**REDACTED**	**REDACTED**	**REDACTED**
2026	**REDACTED**	**REDACTED**	**REDACTED**
2027	**REDACTED**	**REDACTED**	**REDACTED**
Total	**REDACTED**	**REDACTED**	**REDACTED**

Decommissioning/Dismantlement Costs

Estimated decommissioning and dismantlement costs assumed for the three proposed Plant Yates CTs are **REDACTED**. This value represents an estimated cost at the end of the lives of the CTs.

Cost of Dedicated Transmission and Distribution Facilities

All costs of dedicated transmission and distribution are included in the table found in the above section titled "Cost Expenditure Plan." Costs associated with transmission projects to facilitate the delivery of power from the proposed Plant Yates CTs were provided in the Transmission Screening Analyses filed on October 27, 2023, and updated in the Transmission Supplemental Filing on January 19, 2024. Such costs are not included in the table in the "Cost Expenditure Plan" section.

Cost Comparison of Similar Projects

A cost comparison of projects similar by type, design, and capacity completed in the U.S. in the last five years is provided in "TS Attachment D – Cost Comparison of Similar Projects."

Activities and Critical Path Schedules

"TS Attachment E - Plant Yates Units 8-10 Activities and Critical Path Schedule" details the activities and critical path schedule. The critical path schedule is indicated by items in red.

Lead Times for Major Procurement Items

Lead times for major procurement items, including medium voltage ("MV") and low voltage ("LV") electrical equipment, manufactured buildings, generator circuit breakers, GSU transformer, diesel generator, unit auxiliary transformer ("UAT"), fuel gas compressors, ammonia systems and advanced orders for long lead equipment including the CTs and CT generators ("CTG"), are reflected in "TS Attachment C – Plant Yates Units 8-10 Long Lead Equipment Schedule."

Due to the accelerated need to develop CTs at Plant Yates, the Company entered into an "Agreement for Preliminary Engineering and Development Services and Option to Purchase Equipment" on October 3, 2023 to maintain schedule and initiate the engineering, subcontracting, and the placement of options on procurement for Lead Equipment as shown in the following "Exhibit A – Long Lead Services & Equipment." This agreement also provided for associated long lead services including subsurface investigations, required subcontracting, and engineering, also shown in Exhibit A.

Exhibit A

Long Lead Services & Equipment

	Long Lead Equipment
1	Mitsubishi Power- Combustion Turbines (Longitudinal)
2	Mitsubishi Power- Combustion Turbine Auxiliaries (ECA Cooler, TCA Cooler, Modular Enclosure, Control System)
3	Mitsubishi Power- Generators
4	Mitsubishi Power- Generator Auxiliaries (Control cabinets & packages including SFC/ EXC, SFC & excitation transformers, enclosures including neutral terminal enclosure)
5	Generator Step-up transformers (GSUs) (Purchaser Furnished)
6	BVCI- Generator Circuit Breakers (GCBs)
7	BVCI- Station Service Transformers
8	BVCI- Power Distribution Center complete with MV & LV Switchgear, MCC's, DC and UPS equipment, Relay Panels, Panel Boards.
9	BVCI- Diesel Generator
	Long Lead Services
10	Geotech / Subsurface Investigation
11	General Subcontractor (Undergrounds)
12	Engineering

Description of Legal Relationships

There have been previous contractual relations wherein one or more suppliers involved in this project furnished equipment and/or services to one or more affiliates of the Southern Company. Other than these supply and services agreements, no other legal or contractual relations exist among the parties.

Other Information

The Company has no additional information to include at this time.

Cost Recovery

Georgia Power proposes to recover the costs associated with the construction of Plant Yates Units 8, 9, and 10 in rate base and will reflect the operating expenses associated with the units in its retail cost of service. Regulatory treatment for these units will be consistent with the current treatment of Georgia Power's existing owned retail generation facilities.

Conclusion

With the 2023 IRP Update, Georgia Power has set forth a plan to help ensure it can continue to reliably serve the state's growing capacity needs while also lowering rates for all retail customers. As part of that plan, the Company is seeking approval of approximately 3,300 MW of generation capacity resources that are necessary to serve the accelerated capacity need resulting from the state's growing customer demand. Plant Yates Units 8-10 comprise a critical component of this plan, representing approximately 1,300 MW of essential capacity resources that will provide an economical and reliable supply of electric power for the Company's retail customers during this period of extraordinary growth and for years to come.

As set forth in the Company's 2023 IRP Update, Georgia Power's current supply-side and demand-side plans as revised in the 2023 IRP Update, including the development of Plant Yates Units 8-10, will provide cost-effective and reliable sources of capacity and energy for customers. The request in this Application complies with applicable Commission rules and is in the public interest as the new Plant Yates CTs will help ensure Georgia Power can economically and reliably meet customers' energy needs beginning in the winter of 2026/2027. Therefore, the Company requests that the Commission approve and certify Plant Yates Units 8-10 and grant the cost recovery as described above. The Company requests that the Commission consider this Application on an expedited timeline as part of its decision on the 2023 IRP Update in Docket No. 55378, considering the capacity offered from this transaction will be used by the Company to meet its accelerated capacity needs described in more detail in the 2023 IRP Update.

These files have been redacted in their entirety.

		Capacity Factor	
Time_Peric	YATES_10	YATES_8	YATES_9
2026		**REDACTED**	
2027	**REDACTED**	**REDACTED**	**REDACTED**
2028	**REDACTED**	**REDACTED**	**REDACTED**
2029	**REDACTED**	**REDACTED**	**REDACTED**
2030	**REDACTED**	**REDACTED**	**REDACTED**
2031	**REDACTED**	**REDACTED**	**REDACTED**
2032	**REDACTED**	**REDACTED**	**REDACTED**
2033	**REDACTED**	**REDACTED**	**REDACTED**
2034	**REDACTED**	**REDACTED**	**REDACTED**
2035	**REDACTED**	**REDACTED**	**REDACTED**
2036	**REDACTED**	**REDACTED**	**REDACTED**
2037	**REDACTED**	**REDACTED**	**REDACTED**
2038	**REDACTED**	**REDACTED**	**REDACTED**
2039	**REDACTED**	**REDACTED**	**REDACTED**
2040	**REDACTED**	**REDACTED**	**REDACTED**
2041	**REDACTED**	**REDACTED**	**REDACTED**
2042	**REDACTED**	**REDACTED**	**REDACTED**
2043	**REDACTED**	**REDACTED**	**REDACTED**
2044	**REDACTED**	**REDACTED**	**REDACTED**
2045	**REDACTED**	**REDACTED**	**REDACTED**
2046	**REDACTED**	**REDACTED**	**REDACTED**
2047	**REDACTED**	**REDACTED**	**REDACTED**
2048	**REDACTED**	**REDACTED**	**REDACTED**
2049	**REDACTED**	**REDACTED**	**REDACTED**
2050	**REDACTED**	**REDACTED**	**REDACTED**
2051	**REDACTED**	**REDACTED**	**REDACTED**
2052	**REDACTED**	**REDACTED**	**REDACTED**
2053	**REDACTED**	**REDACTED**	**REDACTED**
2054	**REDACTED**	**REDACTED**	**REDACTED**
2055	**REDACTED**	**REDACTED**	**REDACTED**
2056	**REDACTED**	**REDACTED**	**REDACTED**
2057	**REDACTED**	**REDACTED**	**REDACTED**

		Total Run Hours	
Time_Peric	YATES_10	YATES_8	YATES_9
		REDACTED	
2027	**REDACTED**	**REDACTED**	**REDACTED**
2028	**REDACTED**	**REDACTED**	**REDACTED**
2029	**REDACTED**	**REDACTED**	**REDACTED**
2030	**REDACTED**	**REDACTED**	**REDACTED**
2031	**REDACTED**	**REDACTED**	**REDACTED**
2032	**REDACTED**	**REDACTED**	**REDACTED**
2033	**REDACTED**	**REDACTED**	**REDACTED**
2034	**REDACTED**	**REDACTED**	**REDACTED**
2035	**REDACTED**	**REDACTED**	**REDACTED**
2036	**REDACTED**	**REDACTED**	**REDACTED**
2037	**REDACTED**	**REDACTED**	**REDACTED**
2038	**REDACTED**	**REDACTED**	**REDACTED**
2039	**REDACTED**	**REDACTED**	**REDACTED**
2040	**REDACTED**	**REDACTED**	**REDACTED**
2041	**REDACTED**	**REDACTED**	**REDACTED**
2042	**REDACTED**	**REDACTED**	**REDACTED**
2043	**REDACTED**	**REDACTED**	**REDACTED**
2044	**REDACTED**	**REDACTED**	**REDACTED**
2045	**REDACTED**	**REDACTED**	**REDACTED**
2046	**REDACTED**	**REDACTED**	**REDACTED**
2047	**REDACTED**	**REDACTED**	**REDACTED**
2048	**REDACTED**	**REDACTED**	**REDACTED**
2049	**REDACTED**	**REDACTED**	**REDACTED**
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2051	**REDACTED**	**REDACTED**	**REDACTED**
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2054	**REDACTED**	**REDACTED**	**REDACTED**
2055	**REDACTED**	**REDACTED**	**REDACTED**
2056	**REDACTED**	**REDACTED**	**REDACTED**
2057	**REDACTED**	**REDACTED**	**REDACTED**

	Startups		
Time_Period|	YATES_10	YATES_8	YATES_9
2026		**REDACTED**	
2027	**REDACTED**	**REDACTED**	**REDACTED**
2028	**REDACTED**	**REDACTED**	**REDACTED**
2029	**REDACTED**	**REDACTED**	**REDACTED**
2030	**REDACTED**	**REDACTED**	**REDACTED**
2031	**REDACTED**	**REDACTED**	**REDACTED**
2032	**REDACTED**	**REDACTED**	**REDACTED**
2033	**REDACTED**	**REDACTED**	**REDACTED**
2034	**REDACTED**	**REDACTED**	**REDACTED**
2035	**REDACTED**	**REDACTED**	**REDACTED**
2036	**REDACTED**	**REDACTED**	**REDACTED**
2037	**REDACTED**	**REDACTED**	**REDACTED**
2038	**REDACTED**	**REDACTED**	**REDACTED**
2039	**REDACTED**	**REDACTED**	**REDACTED**
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2042	**REDACTED**	**REDACTED**	**REDACTED**
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2056	**REDACTED**	**REDACTED**	**REDACTED**
2057	**REDACTED**	**REDACTED**	**REDACTED**

Data based on the following COD:	
YATES_8	12/1/2026
YATES_9	5/1/2027
YATES_10	8/1/2027

ID	Year	1	2	3
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2026	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2027	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2028	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2029	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2030	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2031	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2032	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2033	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2034	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2035	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2036	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2037	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2038	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2039	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2040	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2041	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2042	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2043	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2044	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2045	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2046	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2047	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2048	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2049	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2050	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2051	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2052	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2053	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2054	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2055	**REDACTED**	**REDACTED**	**REDACTED**
Yates CT 8-10_Marginal_Fuel_B23_MG0_DEPS_202209	2056	**REDACTED**	**REDACTED**	**REDACTED**

4	5	6	7	8	9	10	11	12
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
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Prices are delivered

FuelType	$/mmbtu	Average Gas	Average Oil
Oil/Gas	2026	**REDACTED**	**REDACTED**
Oil/Gas	2027	**REDACTED**	**REDACTED**
Oil/Gas	2028	**REDACTED**	**REDACTED**
Oil/Gas	2029	**REDACTED**	**REDACTED**
Oil/Gas	2030	**REDACTED**	**REDACTED**
Oil/Gas	2031	**REDACTED**	**REDACTED**
Oil/Gas	2032	**REDACTED**	**REDACTED**
Oil/Gas	2033	**REDACTED**	**REDACTED**
Oil/Gas	2034	**REDACTED**	**REDACTED**
Oil/Gas	2035	**REDACTED**	**REDACTED**
Oil/Gas	2036	**REDACTED**	**REDACTED**
Oil/Gas	2037	**REDACTED**	**REDACTED**
Oil/Gas	2038	**REDACTED**	**REDACTED**
Oil/Gas	2039	**REDACTED**	**REDACTED**
Oil/Gas	2040	**REDACTED**	**REDACTED**
Oil/Gas	2041	**REDACTED**	**REDACTED**
Oil/Gas	2042	**REDACTED**	**REDACTED**
Oil/Gas	2043	**REDACTED**	**REDACTED**
Oil/Gas	2044	**REDACTED**	**REDACTED**
Oil/Gas	2045	**REDACTED**	**REDACTED**
Oil/Gas	2046	**REDACTED**	**REDACTED**
Oil/Gas	2047	**REDACTED**	**REDACTED**
Oil/Gas	2048	**REDACTED**	**REDACTED**
Oil/Gas	2049	**REDACTED**	**REDACTED**
Oil/Gas	2050	**REDACTED**	**REDACTED**
Oil/Gas	2051	**REDACTED**	**REDACTED**
Oil/Gas	2052	**REDACTED**	**REDACTED**
Oil/Gas	2053	**REDACTED**	**REDACTED**
Oil/Gas	2054	**REDACTED**	**REDACTED**
Oil/Gas	2055	**REDACTED**	**REDACTED**
Oil/Gas	2056	**REDACTED**	**REDACTED**

$/MWh	Gas	Oil
2026		REDACTED
2027	REDACTED	REDACTED
2028	REDACTED	REDACTED
2029	REDACTED	REDACTED
2030	REDACTED	REDACTED
2031	REDACTED	REDACTED
2032	REDACTED	REDACTED
2033	REDACTED	REDACTED
2034	REDACTED	REDACTED
2035	REDACTED	REDACTED
2036	REDACTED	REDACTED
2037	REDACTED	REDACTED
2038	REDACTED	REDACTED
2039	REDACTED	REDACTED
2040	REDACTED	REDACTED
2041	REDACTED	REDACTED
2042	REDACTED	REDACTED
2043	REDACTED	REDACTED
2044	REDACTED	REDACTED
2045	REDACTED	REDACTED
2046	REDACTED	REDACTED
2047	REDACTED	REDACTED
2048	REDACTED	REDACTED
2049	REDACTED	REDACTED
2050	REDACTED	REDACTED
2051	REDACTED	REDACTED
2052	REDACTED	REDACTED
2053	REDACTED	REDACTED
2054	REDACTED	REDACTED
2055	REDACTED	REDACTED
2056	REDACTED	REDACTED
2057	REDACTED	REDACTED

Yates 8-10	1
2026	
2027	REDACTED
2028	REDACTED
2029	REDACTED
2030	REDACTED
2031	REDACTED
2032	REDACTED
2033	REDACTED
2034	REDACTED
2035	REDACTED
2036	REDACTED
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2038	REDACTED
2039	REDACTED
2040	REDACTED
2041	REDACTED
2042	REDACTED
2043	REDACTED
2044	REDACTED
2045	REDACTED
2046	REDACTED
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2051	REDACTED
2052	REDACTED
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2056	REDACTED
2057	REDACTED

2	3	4	5	6	7	8	9
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
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REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**

10	11	12
		REDACTED
REDACTED	**REDACTED**	**REDACTED**
REDACTED	**REDACTED**	**REDACTED**
REDACTED	**REDACTED**

$/MWh

ID	Year	1	2	3	4	5	6
YATES_CT_8-10_VOM	2026						
YATES_CT_8-10_VOM	2027	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2028	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2029	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2030	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2031	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2032	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2033	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2034	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2035	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2036	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2037	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2038	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2039	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2040	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2041	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2042	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2043	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2044	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2045	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2046	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2047	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2048	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2049	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2050	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2051	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2052	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2053	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2054	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2055	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2056	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**
YATES_CT_8-10_VOM	2057	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**

7	8	9	10	11	12	DataType
					REDACTED	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
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REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
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REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
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REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	VOM Rate

ID	Year	1	2	3	4	5	6
YATES_CT_8-10_EFOR		**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**

7	8	9	10	11	12	DataType
REDACTED	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	**REDACTED**	EFOR

Comment
REDACTED

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a copy of the within and foregoing GEORGIA POWER COMPANY'S APPLICATION FOR CERTIFICATION OF PLANT YATES UNITS 8-10 IN DOCKET NO. 55378 upon all parties listed below via electronic service or by hand delivery and addressed as follows:

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Whit Cox Southern Renewable Energy Association 337 Druid Oaks Northeast Atlanta, GA 30329 whit@southernrenewable.org	

This 31st day of January 2024.

Allison W. Pryor

Allison W. Pryor
Attorney for Georgia Power Company

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