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## Georgia Public Service Commission

(404) 656-4501  
(800) 282-5813

244 WASHINGTON STREET, SW  
ATLANTA, GEORGIA 30334-5701

FAX: (404) 656-2341  
[www.psc.state.ga.us](http://www.psc.state.ga.us)

August 13, 2024

Ms. Sallie Tanner  
Executive Secretary  
Georgia Public Service Commission  
244 Washington Street, S.W.  
Atlanta, GA 30334

**Re: 44880- Georgia Power Company's Application for Certification of the 2023 Biomass RFP PPAs**


Dear Ms. Tanner:

On behalf of the Georgia Public Service Commission Public Interest Advocacy Staff, please find enclosed the Direct Testimony of Jamie Barber and John Kaduk.

This filing contains certain information that is being filed under the trade secret rules of the Commission. A redacted version of this filing is also enclosed for public disclosure.

We have also furnished an electronic copy of this filing to all parties in this proceeding.

Sincerely,

  
Jamie Barber  
Director, EERE Unit  
Enclosures

**BEFORE THE  
GEORGIA PUBLIC SERVICE COMMISSION**

**In Re:**

**GEORGIA POWER COMPANY'S APPLICATION    )  
FOR CERTIFICATION OF THE 2023 BIOMASS    )  
REQUEST FOR PROPOSALS POWER            )  
PURCHASE AGREEMENTS                    )**     **DOCKET NO. 44880**

**DIRECT TESTIMONY  
  
OF  
  
JAMIE BARBER  
  
AND  
  
JOHN L. KADUK**

**PUBLIC DISCLOSURE**

**On Behalf of the  
Georgia Public Service Commission  
Public Interest Advocacy Staff**

**August 13, 2024**

**DIRECT TESTIMONY OF  
JAMIE BARBER AND JOHN L. KADUK**

**IN THE MATTER OF GEORGIA POWER COMPANY'S APPLICATION FOR THE  
CERTIFICATION OF THE 2023 BIOMASS REQUEST FOR PROPOSALS POWER  
PURCHASE AGREEMENTS**

**DOCKET NO. 44880**

**I. INTRODUCTION**

**Q. PLEASE STATE YOUR NAMES AND BUSINESS ADDRESS.**

A. Our names are Jamie Barber and John L. Kaduk. Our business address is 244 Washington, Street, SW, Atlanta, Georgia 30334.

**Q. MS. BARBER, PLEASE STATE YOUR TITLE, EMPLOYER, EDUCATIONAL BACKGROUND AND WORK EXPERIENCE.**

A. I am the Director of the Energy Efficiency and Renewable Energy Unit with the Georgia Public Service Commission ("Commission"). My educational background and work experience are provided in my resume, which is attached as Public Interest Advocacy Staff ("Staff") Exhibit\_ (BK-1).

**Q. MR. KADUK, PLEASE STATE YOUR TITLE, EMPLOYER, EDUCATIONAL BACKGROUND AND WORK EXPERIENCE.**

A. I am a Senior Public Utilities Engineer in the Energy Efficiency and Renewable Energy Unit with the Commission. My educational background and work experience are provided in my resume, which is attached as Staff Exhibit\_ (BK-2).

1 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?**

2 A. The purpose of our testimony is to address Georgia Power Company’s (“Georgia Power”  
3 or “Company”) Application for the Certification of the 2023 Biomass Request for  
4 Proposals Power Purchase Agreements (“Application”) that was submitted pursuant to  
5 O.C.G.A § 46-3A-4 on July 29, 2024.

6 **Q. MS. BARBER, HAVE YOU PREVIOUSLY TESTIFIED BEFORE THIS**  
7 **COMMISSION?**

8 A. Yes. I testified in each of the 1998 through 2009 United Cities Gas Company (now known  
9 as Atmos Energy Corporation) Gas Supply Plan Proceedings. I have also testified in  
10 Docket No. 10270, GPSC Determination of Lack of Market Constraints on Atlanta Gas  
11 Light Company’s Commodity Sales; Docket No. 11114, Rule Nisi Against United Gas  
12 Management of Georgia, Inc.; Docket No. 14311, Earnings Review to Establish Just and  
13 Reasonable Rates for Atlanta Gas Light Company; Docket No. 15296 Service Quality  
14 Standards for Certified Marketers and Regulated Provider; Docket No. 18638-Atlanta Gas  
15 Light Company’s 2004/2005 Rate Case; Docket No. 20298 Atmos Energy Corporation’s  
16 2005 Rate Case; Docket No. 27163 Atmos Energy Corporation’s 2008 Rate Case; Docket  
17 No. 30442 Atmos Energy’s 2010 Rate Case; Docket No. 36498 Georgia Power Company’s  
18 2013 IRP Filing; Docket No. 36499 Georgia Power Company’s 2013 Demand Side  
19 Program Certification; Docket No. 37854, Georgia Power Company’s Application for the  
20 Certification of the Power Purchase Agreements for Wind Resources from the Blue  
21 Canyon II and Blue Canyon VI Wind Farms; Docket No. 38877, Georgia Power  
22 Company’s Application for the Certification of the 2015 and 2016 Advanced Solar

1 Initiative Prime Power Purchase Agreements and Request for Approval of the 2015  
2 Advanced Solar Initiative Power Purchase Agreements, Docket No. 36989 Georgia Power  
3 Company's 2013 Rate Case, Docket No. 40161 Georgia Power Company's 2016 IRP  
4 Filing, 40162 Georgia Power Company's 2016 Demand Side Program Certification,  
5 Docket No. 41596, Georgia Power Company's Application for the Certification of the  
6 2018/2019 Renewable Energy Development Initiative Utility Scale Power Purchase  
7 Agreements, Docket No. 41734, Georgia Power Company's Application for the  
8 Certification of the 2018/2019 Renewable Energy Development Initiative Utility Scale  
9 Power Purchase Agreements for the Commercial and Industrial Program, Docket No.  
10 42310 Georgia Power Company's 2019 IRP Filing, Docket No. 42311 Georgia Power  
11 Company's Application for the Certification, Decertification, and Amended Demand Side  
12 Plan, Docket No. 42516 Georgia Power Company's 2019 Rate Case, Docket No. 44160  
13 Georgia Power Company's 2022 Integrated Resource Plan, Docket No. 44161 Georgia  
14 Power Company's Application for the Certification, Decertification and Amended Demand  
15 Side Plan, and Docket No.44280 Georgia Power Company's 2022 Rate Case.

16 **Q. MR. KADUK, HAVE YOU PREVIOUSLY TESTIFIED BEFORE THIS**  
17 **COMMISSION?**

18 A. Yes. I have testified in Docket No. 31081, Georgia Power Company's 2010 Integrated  
19 Resource Plan; Docket No. 36498, Georgia Power Company's 2013 Integrated Resource  
20 Plan; Docket No. 38877, Georgia Power Company's Application for the Certification of  
21 the 2015 and 2016 Advanced Solar Initiative Prime Power Purchase Agreements and  
22 Request for Approval of the 2015 Advanced Solar Initiative Power Purchase Agreements;

1 Docket No. 40161, Georgia Power Company’s 2016 Integrated Resource Plan; Docket No.  
2 41596, Georgia Power Company’s Application for the Certification of the 2018/2019  
3 Renewable Energy Development Initiative Utility Scale Power Purchase Agreements;  
4 Docket No. 41734, Georgia Power Company’s Application for the Certification of the  
5 2018/2019 Renewable Energy Development Initiative Utility Scale Power Purchase  
6 Agreements for the Commercial and Industrial Program; Docket No. 42310; Georgia  
7 Power Company’s 2019 Integrated Resource Plan; Docket No. 42625, Georgia Power  
8 Company’s Application for the Certification of the 2020/2021 Renewable Energy  
9 Development Initiative Utility Scale Power Purchase Agreements; Docket Nos. 4822,  
10 16573 and 19279 Georgia Power Company’s Avoided Cost Dockets; Docket No. 43814,  
11 Georgia Power Company’s Application for the Certification of the 2022/2023 Utility Scale  
12 Renewable Power Purchase Agreements; and Docket No. 55378, Georgia Power  
13 Company’s 2023 Integrated Resource Plan Update.

14 **Q. PLEASE SUMMARIZE YOUR FINDINGS WITH RESPECT TO THE ISSUES**  
15 **BEFORE THE COMMISSION IN THIS PROCEEDING.**

16 A. In our review, we find that:

- 17 1. Georgia Power followed the Request for Proposals (“RFP”) process as approved by the  
18 Commission on July 29, 2022, in its Order Adopting Stipulation in Docket No. 44160  
19 (“2022 Integrated Resource Plan (“IRP”) Final Order”) that set out to procure up to 140  
20 megawatts (“MW”) of new biomass capacity and energy for Georgia Power customers.
- 21 2. The three new 2023 Biomass RFP Power Purchase Agreements (“PPAs”) support  
22 economic development growth in Georgia.

1 3. Georgia Power appropriately amended the existing Contracts for the Purchase of Firm  
2 Capacity and Energy From a Renewable Qualifying Facility Utilizing the Proxy Unit  
3 Methodology (“Proxy Price PPA”) between Georgia Power and International Paper  
4 Company (“International Paper”) for the Flint River Mill and Port Wentworth Mill  
5 facilities. Such amendments were necessary to accommodate the new Biomass Addition  
6 PPAs sought for certification as the additional biomass capacity is at facilities with existing  
7 Proxy Price contracts. The amendments align the sale of energy generated in excess of the  
8 Committed Capacity under the Proxy Price PPAs to the requirements set forth in the  
9 Biomass Addition PPAs and resolve inconsistencies between the Proxy Price and Biomass  
10 Addition PPAs.

11 4. The 2022 IRP Final Order approved an additional sum of \$3 per kilowatt-year (“kW-year”)  
12 for the resources procured through the 2023 Biomass RFP for the term of the PPA for such  
13 resources.

14 **Q. PLEASE SUMMARIZE YOUR CONCLUSIONS AND RECOMMENDATIONS.**

15 A. Based on our review of the Company’s Application and our independent analysis, we have  
16 the following recommendations:

17 1. The Commission should certify the three new PPAs from the 2023 Biomass RFP portfolio  
18 that total 77.9 MW and provide energy, electrical products, and environmental attributes.

19 2. The Commission should approve the Proxy Price PPA amendments for International  
20 Paper’s Flint River Mill and Port Wentworth Mill facilities.

21 3. Consistent with prior Georgia Power RFPs, the Commission should approve Georgia  
22 Power’s request to include any remaining 2023 Biomass RFP costs and subsequent

1 Biomass PPA costs not offset by bid fees and winner’s fees in its fuel clause and recover  
2 such costs through Georgia Power’s Fuel Cost Recovery (“FCR”) mechanism.

3 **II. 2023 BIOMASS RFP PROCESS**

4 **Q. PLEASE DISCUSS THE PURPOSE OF THE 2023 BIOMASS RFP.**

5 A. The Commission’s 2022 IRP Final Order required Georgia Power to procure up to 140  
6 MW of new biomass capacity and energy for its customers. This Order also approved the  
7 procurement of biomass resources up to 80 MW in size with expected commercial  
8 operation dates of June 2025 through November 2029. As ordered by the Commission, the  
9 2023 Biomass RFP required that bidders provide the following economic development  
10 information with their bid: the number and nature of new jobs, if any, the project will  
11 provide; the amount of new capital investment that will be put into the project; and other  
12 information relevant to economic development stemming from the project. The fuel  
13 required to be used by a biomass facility selected for contracting was “biomass material”  
14 as defined in Georgia Code (O.C.G.A 48-8-3(83)(B)). The 2023 Biomass RFP allowed for  
15 the limited use of natural gas for startup and shutdown of proposed facilities, in accordance  
16 with Prudent Industry Practices.

17 **Q. PLEASE DESCRIBE THE RFP PROCESS THAT WAS USED FOR THE**  
18 **BIOMASS PROCUREMENT.**

19 A. Georgia Power drafted the 2023 Biomass RFP documents with input from Staff and the  
20 Independent Evaluator (“IE”), Accion Group, LLC. All parties met several times to discuss

1 the draft documents prior to the posting of the documents on the IE website. Drafts of the  
2 RFP and PPA documents were posted to the IE website on February 1, 2023, to allow for  
3 comments on the documents from potential bidders until March 2, 2023. All of the  
4 comments uploaded to the IE website were reviewed by Georgia Power, Staff, and the IE.  
5 A Bidder's Conference webinar for potential Bidders and interested parties was held on  
6 February 16, 2023, which allowed the parties to discuss the 2023 Biomass RFP process  
7 and the draft RFP documents.

8 **Q. PLEASE DISCUSS WHAT OCCURRED AFTER THE REVIEW OF THE**  
9 **COMMENTS THAT WERE UPLOADED TO THE IE WEBSITE.**

10 A. After the review of these comments, the Company drafted responses to the proposed edits.  
11 Both Staff and the IE reviewed the responses prior to the responses being sent to the  
12 respective parties by the IE. The Company then filed revised RFP and PPA documents on  
13 March 10, 2023, for Commission approval.

14 **Q. WERE ADDITIONAL DISCUSSIONS HELD ON THE DRAFT RFP**  
15 **DOCUMENTS AFTER THEY WERE FILED WITH THE COMMISSION?**

16 A. Yes. On March 22, 2023, the IE facilitated a meeting between Staff, Georgia Power and  
17 International Paper to further discuss the responses to the comments regarding the Draft  
18 RFP and PPA that were posted by International Paper. On March 29, 2023, Georgia Power  
19 posted on the IE website additional responses to the comments discussed during the March  
20 22, 2023 meeting.

1 **Q. WHEN WERE THE FINAL RFP AND PPA DOCUMENTS CONSIDERED AND**  
2 **APPROVED BY THE COMMISSION?**

3 A. In a memo to Commissioners dated March 27, 2023, Staff recommended approval of the  
4 2023 Biomass RFP document and Pro Forma PPAs (Biomass Addition and Greenfield) as  
5 filed with an updated Solicitation Schedule to be determined later. At its April 4, 2023  
6 Administrative Session, the Commission approved Staff's recommendation as amended by  
7 a motion by Commissioner Shaw to lower the Bid Security cap for the 2023 Biomass RFP  
8 from \$3 million to \$1.5 million.

9 **Q. PLEASE DESCRIBE THE PROJECT REQUIREMENTS OF THE 2023 BIOMASS**  
10 **RFP.**

11 A. As discussed earlier, the 2023 Biomass RFP was designed to procure biomass resources up  
12 to 80 MW in size with an expected commercial operation date between June 2025 and  
13 November 2029. The Biomass project could be located anywhere in the United States but  
14 must be able to deliver their energy to Georgia Power, and the project must be fueled by  
15 biomass and bundled with the environmental attributes and all electrical products produced  
16 by or related to the production of such energy. Both new Greenfield projects and Biomass  
17 Addition projects were allowed to participate in the RFP. Bidders could choose a term of  
18 10, 15, 20, 25, or 30 years. For the evaluation of projects with unequal contract term  
19 lengths, the Company utilized its projected avoided costs to be able to evaluate bids on an  
20 equivalent basis. This methodology is consistent with what has been done in prior RFPs.  
21 Section 2.2.3 of the approved 2023 Biomass RFP document prohibited bids for turnkey  
22 facilities, sale of assets, and/or other form of sale of ownership in any facility. Georgia

1 Power's evaluation primarily focused on a bid's economic net benefits, but other  
2 qualitative and non-price attributes, such as locating a facility in Georgia, were to be  
3 considered, especially when one or more bids offer a substantially similar economic  
4 benefit.

5 **Q. WHEN DID THE RFP PROCESS BEGIN AND HOW MANY BIDDERS BID INTO**  
6 **THE PROCESS?**

7 A. The RFP was issued on May 3, 2023, and closed on July 14, 2023. There were 3 unique  
8 bidders that proposed a total of approximately 108 MW, which included 4 proposals.

9 **Q. WAS GEORGIA POWER AND ITS AFFILIATES ALSO ALLOWED TO BID**  
10 **INTO THE RFP?**

11 A. No. Section 1.3.2 of the approved 2023 Biomass RP document prohibited bids from any  
12 affiliates of Georgia Power. Section 2.2.4 of the approved 2023 Biomass RFP document  
13 prohibited self-build or Company-owned proposals from being submitted.

14 **Q. DID STAFF PARTICIPATE DURING THE BIOMASS BID EVALUATION**  
15 **PROCESS?**

16 A. Yes. Staff participated throughout the bid evaluation process and independently analyzed  
17 the bids received using Georgia Power's evaluation model. This model had been "locked  
18 down" prior to the evaluation process. Staff agreed with the Company's initial competitive  
19 tier for the 2023 Biomass RFP portfolio which did not include system improvement costs.

1 **Q. PLEASE DESCRIBE THE PROCESS THAT WAS USED AFTER THE INITIAL**  
2 **COMPETITIVE TIER WAS DETERMINED.**

3 A. After the initial competitive tier was determined, the Company then began the process to  
4 determine the system impacts for each respective project. This evaluation was necessary  
5 since bidders were only required to include in its bid price interconnection costs up to the  
6 point of interconnection. System improvements and other interconnection costs beyond the  
7 point of interconnection were calculated by Southern Company's Transmission Planning  
8 Group and reviewed by the IE and Staff. These costs were then imputed into the economic  
9 value of the bids.

10 **Q. WHAT WAS THE NEXT STEP ONCE THE UPDATED COMPETITIVE TIER**  
11 **WAS FINALIZED?**

12 A. After the determination of the competitive tier that included system improvement costs, the  
13 Company identified the portfolio of projects that could satisfactorily meet the procurement  
14 target. This portfolio was selected as the Short List for the 2023 Biomass RFP.

15 **Q. WAS STAFF IN AGREEMENT WITH THE SHORT LIST?**

16 A. Yes. Staff agreed with the Company's Short List determination.

17 **Q. ONCE THE SHORT LIST WAS FINALIZED, WHAT HAPPENED NEXT?**

18 A. After the Short List was finalized, parties were notified through the IE website as to the  
19 current status of their bid(s). The Company then scheduled calls and virtual meetings with  
20 all parties on the Short List.

1 **Q. DID STAFF PARTICIPATE IN THE VIRTUAL MEETINGS WITH THE**  
2 **WINNING BIDDERS?**

3 A. Yes. Staff, along with the Company and IE, participated in all virtual meetings with the  
4 winning bidders.

5 **Q. WHAT ISSUES WERE DISCUSSED IN THE VIRTUAL MEETINGS WITH THE**  
6 **WINNING BIDDERS?**

7 A. The Company, IE, and Staff discussed the pro forma terms of the PPAs with the winning  
8 bidders. Georgia Power provided International Paper amended Proxy Price PPAs between  
9 Georgia Power and International Paper for the Flint River Mill and Port Wentworth Mill  
10 facilities to accommodate the new Biomass Addition capacity. The amendments aligned  
11 the sale of energy generated in excess of the Committed Capacity under the Proxy Price  
12 PPAs to the requirements set forth in the Biomass Addition PPAs and resolved  
13 inconsistencies between the Proxy Price and Biomass Addition PPAs. In the virtual  
14 meetings, the Company, IE, and Staff also discussed adding site-specific redlines in the  
15 PPAs obligating the PPA counterparties to share the benefit of any Qualifying Federal  
16 Support received for their respective projects through a reduction in the Monthly Energy  
17 Price paid by Georgia Power. After review by the IE and Staff, Georgia Power provided  
18 revised PPAs to the winning bidders for final review and execution.

19 **III. CERTIFICATION AND APPROVAL OF PPAS**

1 **Q. PLEASE DESCRIBE THE BIOMASS RESOURCES FOR WHICH THE**  
2 **COMPANY REQUESTED CERTIFICATION IN ITS JULY 29, 2024 FILING.**

3 A. In its July 29, 2024 Application, Georgia Power requested that the Commission certify 3  
4 projects that total 77.9 MW.

5 **Q. PLEASE DESCRIBE THE PROJECTS THAT MAKE UP THE BIOMASS**  
6 **PORTFOLIO.**

7 A. The projects that make up the 2023 Biomass portfolio include: International Paper – Flint  
8 River Mill, International Paper – Port Wentworth Mill, and Altamaha Green Energy, LLC.

9 1. International Paper – Flint River Mill is a 3.6 MW biomass addition facility located  
10 in Chatham County, Georgia. The PPA with International Paper is for a ten-year term and  
11 is expected to begin commercial operation by October 8, 2026.

12 2. International Paper – Port Wentworth Mill is a 4.3 MW biomass addition facility  
13 located in Macon County, Georgia. The PPA with International Paper is for a ten-year term  
14 and is expected to begin commercial operation by April 1, 2027.

15 3. Altamaha Green Energy, LLC is a 70 MW new greenfield biomass facility located  
16 in Chatham County, Georgia. The PPA with Altamaha Green Energy, LLC is for a thirty-  
17 year term and is expected to begin commercial operation by November 30, 2029.

18 **Q. WHAT IS THE PPA PRICING FOR THE THREE BIOMASS PROJECTS?**

19 A. The kWh pricing for each biomass project is provided below:

(\$/MWh)			
Annual Period	Internation Paper - Flint River	International Paper - Port Wentworth	Altamaha Green Energy, LLC
1	██████	██████	██████
2	██████	██████	██████
3	██████	██████	██████
4	██████	██████	██████
5	██████	██████	██████
6	██████	██████	██████
7	██████	██████	██████
8	██████	██████	██████
9	██████	██████	██████
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19			██████
20			██████
21			██████
22			██████
23			██████
24			██████
25			██████
26			██████
27			██████
28			██████
29			██████
30			██████

1 Q. WHAT ECONOMIC DEVELOPMENT VALUE WILL THE THREE BIOMASS  
 2 PROJECTS BRING TO THE STATE OF GEORGIA?

1 A. Both International Paper and Altamaha Green Energy, LLC provided the required  
2 supplemental project information that described the potential economic impact of their  
3 proposed facilities to the state of Georgia. Examples of such supplemental information  
4 provided include: the number of proposed employees for the facilities, the economic  
5 impacts to biomass fuel suppliers, construction contractors and subcontractors, and local  
6 tax revenues.

7 **Q. WHAT IS STAFF'S RECOMMENDATION REGARDING THE COMPANY'S**  
8 **REQUEST FOR CERTIFICATION OF THREE 2023 BIOMASS RFP PPAS AND**  
9 **APPROVAL OF THE PROXY PRICE PPA AMENDMENTS FOR**  
10 **INTERNATIONAL PAPER'S FLINT RIVER MILL AND PORT WENTWORTH**  
11 **MILL FACILITIES?**

12 A. Staff recommends that the Commission certify the three PPAs from the Biomass portfolio  
13 that total 77.9 MW. These projects provide energy, environmental attributes, and electrical  
14 products and support Georgia's forest industry and rural and economic development  
15 growth. Staff further recommends that the Commission approve the Proxy Price PPA  
16 amendments for International Paper's Flint River Mill and Port Wentworth Mill facilities.

17 **IV. ADDITIONAL SUM AND COST RECOVERY OF RFP EXPENSES**

18 **Q. HOW DOES THE COMPANY PROPOSE TO RECOVER THE COSTS RELATED**  
19 **TO THE PROCUREMENT OF THE 2023 BIOMASS RFP PPAS?**

1 A. As approved by the Commission in its 2022 IRP Final Order, Georgia Power is allowed to  
2 recover all of its program costs to implement and administer the 2023 Biomass RFP. The  
3 costs of conducting and administering the 2023 Biomass RFP were partially offset by bid  
4 fees and winner's fees. In its Application, Georgia Power requested to include any  
5 remaining 2023 Biomass RFP costs and subsequent Biomass PPA costs in its fuel clause  
6 and recover such costs through the FCR mechanism.

7 **Q. DID THE COMPANY REQUEST AN ADDITIONAL SUM IN THIS**  
8 **PROCEEDING?**

9 A. Yes. The Company requested an additional sum of \$3 per kW-year for the 2023 Biomass  
10 RFP PPAs for the term of the PPAs.

11 **Q. HAS THE ADDITIONAL SUM AMOUNT FOR THE 2023 BIOMASS PROJECTS**  
12 **ALREADY BEEN APPROVED BY THE COMMISSION?**

13 A. Yes. In the 2022 IRP Final Order, the Commission approved an additional sum of \$3 per  
14 kW-year for the 2023 Biomass PPAs for the term of the PPAs.

15 **Q. WHAT IS STAFF'S RECOMMENDATION PERTAINING TO THE COMPANY'S**  
16 **REQUEST TO INCLUDE ANY REMAINING 2023 BIOMASS RFP COSTS AND**  
17 **SUBSEQUENT BIOMASS PPA COSTS IN ITS FUEL CLAUSE AND RECOVER**  
18 **SUCH COSTS THROUGH THE FCR MECHANISM?**

19 A. Staff recommends that the Commission approve Georgia Power's request to include any  
20 remaining 2023 Biomass RFP costs and subsequent Biomass PPA costs in its fuel clause

1 and recover such costs through the FCR mechanism, which is similar to treatment of such  
2 costs in previous RFPs.

3 **Q. DOES THIS COMPLETE YOUR TESTIMONY?**

4 **A. Yes.**

Education and Work Experience for Jamie Barber

**Education**

University of West Georgia  
 Master of Business Administration-Finance  
 August 2009  
 West Georgia College  
 Bachelor of Business Administration—Accounting  
 August 1991

<b>NARUC, Staff Subcommittee on Rate Design, Chair</b>	11/17 To Present
<b>NARUC Rate School Faculty</b>	5/2020 To Present

**Experience**

**Georgia Public Service Commission**

Director, Energy Efficiency and Renewable Energy Unit	6/20 To Present
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- Responsible for the oversight of the EERE Unit.
- Provide oversight and policy recommendations for issues related to Energy Efficiency and Renewable Energy.
- Provide Commission Oversight for the implementation of Georgia Power Company’s Clean and Renewable Energy Subscription (CARES) Program.
- Facilitator of the Demand Side Management Working Group and Distributed Generation Working Group.
- Review of Proxy Qualifying Facilities Contracts with Georgia Power.
- Review of Renewable Requests for Proposals and Pro Forma Power Purchase Agreements.
- Responds to inquiries relating to net metering, distributed generation, energy efficiency programs, and other related matters.
- Review of Georgia Power Company’s Prepay Tariff and implementation of program.

Manager Energy Efficiency and Renewable Energy Group	10/13 To 6/20
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<i>ARRA Manager</i> -Internal Consultants, Utilities Division	1/10 To 9/13
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- Responsible for the oversight of the group within the Internal Consultants Section.
- Project Leader for issues related to Energy Efficiency and Renewable Energy.
- Project Leader for the implementation of Georgia Power Company’s Large-Scale Solar Offering, Advanced Solar Initiative and Advanced Solar Initiative Prime Programs.
- Project Leader for the Certification of 250 megawatts of wind resources.
- Facilitator of the Demand Side Management Working Group.
- Responsible for maintaining awareness of Marginal Rate Offerings of Georgia Power Company.
- Review of Proxy Qualifying Facilities Contracts with Georgia Power.
- Review of Renewable Requests for Proposals and Pro Forma Power Purchase Agreements.
- Responsible for the Commission oversight of the Automated Meter Infrastructure (AMI) Implementation for Georgia Power and addressing customer inquiries related to the safety of AMI meters.
- Responsible for maintaining awareness of Georgia Power’s smart grid upgrades to its distribution and transmission system.
- Responsible for maintaining awareness of the status of Georgia Power providing online customer access to usage data.
- Responds to inquiries relating to net metering, distributed generation, AMI, energy efficiency programs, smart grid, and other related matters.
- Review of Georgia Power Company’s Prepay Tariff and implementation of program.

<b>Georgia Public Service Commission</b>	10/98 To 1/2010
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*Utilities Analyst-Natural Gas Section, Utilities Division*

- Responsible for maintaining awareness of Base Rates and Rules and Regulations for Atlanta Gas Light Company and Atmos Energy Corporation.
- Review of Negotiated Contracts of Atmos Energy Corporation.
- Maintains Commission contact of assigned certificated marketers.
- Responds to inquiries about Natural Gas Deregulation and other Atlanta Gas Light Billing issues.
- Review the Dedicated Design Day Capacity allocation and Recalculation used by Atlanta Gas Light Company.
- Review of Performance-Based Regulation program of Atmos Energy Corporation.
- Filed and presented testimony regarding Atlanta Gas Light Company's Purchased Gas Costs and Revenues.
- Responsible for the auditing of Purchased Gas Costs of Atlanta Gas Light Company.
- Filed and presented testimony on rate design in Atlanta Gas Light Company Earning's case.
- Project Leader for the auditing of the Pipeline Replacement Program for Atmos Energy for compliance with Commission Order.
- Project Leader for the auditing of Sequent Energy Management.
- Responsible for tracking compliance with the Marketer Service Quality Standards.
- Project leader for Atmos Energy Gas Supply Plan.

**Georgia Public Service Commission**

10/97 To 10/98

*Utilities Analyst Trainee-Gas Section, Utilities Division*

- Performed detailed rate analysis that was used in determining base rates for Atlanta Gas Light Company.
- Filed and presented testimony in the United Cities Gas Company's 1998-99 Gas Supply Plan.
- Reviewed marketer applications for certification for financial competence.
- Reviewed proposed changes to rate schedules and terms of service of Atlanta Gas Light Company and United Cities Gas Company.
- Reviewed monthly filings of United Cities Gas Company's Performance-Based Ratemaking Plan.

**Georgia Public Service Commission**

11/96 To 10/97

*Utilities Analyst Trainee-Electric Section, Utilities Division*

- Project Manager for a series of Electric Restructuring Workshops.
- Reviewed and prepared sections of the Staff Report related to the Electric Restructuring Workshops.
- Reviewed filed proposed changes to rate schedules and terms of service of Georgia Power Company (GPC) and Savannah Electric Company (SEPCO).

**Georgia Public Service Commission**

11/94 To 11/96

*Accountant-Electric Section, Utilities Division*

- Tracked fuel recovery position of Georgia Power Company.
- Reviewed Special Contracts of Georgia Power Company.
- Tracked coal and other fuel prices.
- Participated in IRP review and hearings of GPC and SEPCO.
- Monitored the construction status of combustion turbines for additional capacity needs of GPC and SEPCO.

**Georgia Public Service Commission**

11/93 To 11/94

*Accounting Technician-Administrative Division*

- Responsible for proper classification of Commission expenses.
- Responsible for accounts payable.
- Reviewed Staff Travel Expense Reports.
- Maintained Commission Computer and Vehicle Inventory.

**John L. Kaduk**  
**Professional Experience and Educational Background**

Mr. Kaduk began his regulatory career with the Georgia Public Service Commission as a cooperative education student in 2000. He graduated from the Georgia Institute of Technology in 2002 with a Bachelor of Science degree in Electrical Engineering. In 2002, Mr. Kaduk was hired as a Public Utilities Engineer in the Telecommunications Unit. In 2006, he joined the Electric Unit, and in 2010 he began working as an Engineer in the Internal Consultants Unit of the Commission as part of the American Recovery and Reinvestment Act group, which later became the Energy Efficiency and Renewable Energy Unit. During Mr. Kaduk's career at the Commission, he has participated in numerous cases including Georgia Power Company's 2007, 2010, 2013, 2016, 2019, 2022, and 2023 Integrated Resource Plans, Georgia Power Company's 2007, 2010, 2013, 2019, and 2022 Rate Cases, and all Georgia Power Company Renewable Request for Proposals and Certifications since 2006.

Mr. Kaduk has testified in: Docket No. 31081, Georgia Power Company's 2010 Integrated Resource Plan; Docket No. 36498, Georgia Power Company's 2013 Integrated Resource Plan; Docket No. 38877, Georgia Power Company's Application for the Certification of the 2015 and 2016 Advanced Solar Initiative Prime Power Purchase Agreements and Request for Approval of the 2015 Advanced Solar Initiative Power Purchase Agreements; Docket No. 40161, Georgia Power Company's 2016 Integrated Resource Plan; Docket No. 41596, Georgia Power Company's Application for the Certification of the 2018/2019 Renewable Energy Development Initiative Utility Scale Power Purchase Agreements; Docket No. 41734, Georgia Power Company's Application for the Certification of the 2018/2019 Renewable Energy Development Initiative Utility Scale Power Purchase Agreements for the Commercial and Industrial Program; Docket No. 42310, Georgia Power Company's 2019 Integrated Resource Plan; Docket No. 42625, Georgia Power Company's Application for the Certification of the 2020/2021 Renewable Energy Development Initiative Utility Scale Power Purchase Agreements; Docket Nos. 4822, 16573 and 19279, Georgia Power Company's Avoided Cost Dockets; Docket No. 43814, Georgia Power Company's Application for the Certification of the 2022/2023 Utility Scale Renewable Power Purchase Agreements; and Docket No. 55378, Georgia Power Company's 2023 Integrated Resource Plan Update.