



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

PUBLIC DISCLOSURE

August 15, 2025

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

**RE: Georgia Power Company's Bi-Annual Hydro Modernization Report;
Docket No. 42310 & 44160**

Dear Ms. Tanner:

In accordance with the Order Adopting Stipulation as Amended issued by the Georgia Public Service Commission (the "Commission") in the above styled docket, Georgia Power Company hereby files its Bi-Annual Hydro Modernization Report for the period ending June 30, 2025.

The Report contains certain information that is being filed under the trade secret rules of the Commission. As such, a redacted version of this information and the basis for the trade secret assertion are also enclosed for public disclosure.

Please contact Ty Story at 404-506-2921 if you have any questions regarding this filing.

Sincerely,

/s/ Jeremiah Haswell

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

BEFORE THE GEORGIA PUBLIC SERVICE COMMISSION

**GEORGIA POWER COMPANY
DOCKET NO. 42310 & 44160**

**BASIS FOR THE ASSERTION THAT THE
INFORMATION SUBMITTED IS A TRADE SECRET**

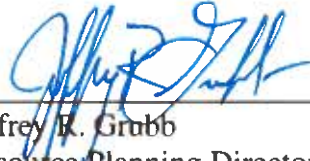
In accordance with the Order Adopting Stipulation as Amended issued by the Georgia Public Service Commission ("Commission") in Docket No. 42310 and 44160, Georgia Power Company ("Georgia Power" or the "Company") is providing to the Commission a Bi-Annual Hydro Modernization Report for the period ending June 30, 2025. The report contains proprietary cost data (the "Information") which constitutes trade secret information of Georgia Power, the Southern Company, and its affiliates, and is therefore protected from public disclosure under Commission Rule 515-3-1-.11.

The Information derives economic value from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use. Specifically, the Information contains confidential budgetary and schedule information related to projects at specific hydro generation facilities. Public dissemination of the Information would allow Georgia Power's potential suppliers and contractors access to such estimated costs and timelines, thereby bestowing insight into the Company's budgeted cost and timing of such expenditures. Such access would grant an unfair advantage to contractors and suppliers of the Company, who could use such information to artificially set bid and proposal prices during contract negotiations. This could lead to the Company having to pay a price higher than that which it would have paid on a level playing field.

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

Signature Appears on the Following Page

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



Jeffrey R. Grubb
Resource Planning Director
Georgia Power Company

Subscribed and sworn to before me this 13 day of August 2025.



Notary Public

My Commission expires



Georgia Power Company's Bi-Annual Hydro Modernization Update For the Period Ending June 30, 2025

This Hydro Modernization Update ("Update") is provided in accordance with the Order Adopting Stipulation as Amended (the "Order") issued by the Georgia Public Service Commission (the "Commission") in the matter of Georgia Power Company's 2019 Integrated Resource Plan ("IRP") under Docket No. 42310. As such, it provides information to allow the Commission to monitor Georgia Power Company's ("Georgia Power" or the "Company") modernization efforts at Plant Terrora, Plant Tugalo, Plant Bartletts Ferry, Plant Nacoochee, and Plant Oliver.

This report also includes updates on the modernization projects at Plants Burton and Sinclair, in accordance with the Order for Georgia Power's 2022 IRP under Docket No. 44160.

Summary of Work Performed by Site

Plant Tugalo



Plant Tugalo Units 1-4 are part of the North Georgia hydro group. Plant Tugalo Units 1-2 began commercial operation in 1923. Plant Tugalo Units 3-4 began commercial operation in 1924.

Summary of Scope of Work: The scope of work for Plant Tugalo Units 1-4 includes generator replacements, turbine replacements, and replacement of the balance of plant ("BOP") systems, such as lubricating oil, service water systems, 480V switchgear, and the plant control system.

Project Status: Work scope complete for all units. Unit 1 began generating on October 10, 2023. Unit 2 began generating on December 7, 2023. Unit 3 began generating on October 8, 2024. Unit 4 began generating on April 17, 2025, and all spillway gates have been commissioned. All punch list items planned to be complete in the 3rd quarter of 2025.

Plant Bartletts Ferry 1-4



Plant Bartletts Ferry Units 1-4 are part of the Chattahoochee hydro group. These units began commercial operation at varying times as shown below:

- Bartletts Ferry Units 1-2 in 1926
- Bartletts Ferry Unit 3 in 1928
- Bartletts Ferry Unit 4 in 1951

Summary of Scope of Work: The scope of work is limited to Plant Bartletts Ferry Units 1-4. The work on these units includes generator rewinds, turbine replacements, and replacement of the BOP systems, such as lubricating oil, service water systems, 480V switchgear, and the plant control system. Plant Bartletts Ferry Units 5-6 are not included in the scope of work at this time.

Project Status: Unit 1 began generating on July 14, 2025. Demolition of Unit 3 turbine and BOP is ongoing, and turbine fabrication has begun. Unit 2 turbine fabrication is in progress. Unit 4 BOP and turbine demolition is ongoing. Unit 1, 3, and 4 headworks have been completed and commissioned. Unit 2 headworks is currently in progress.

Plant Nacoochee



Plant Nacoochee Units 1-2 are part of the North Georgia hydro group. These units began commercial operation in 1926.

Summary of Scope of Work: The scope of work expected for Plant Nacoochee Units 1-2 includes generator replacements, turbine replacement on both units, and replacement of the BOP systems, such as lubricating oil, service water systems, 480V switchgear, and the plant control system.

Project Status: The generator, turbine, and BOP procurement packages have been awarded. Engineering design is complete. Unit 1 demolition is complete. Unit 1 turbine has been delivered to the site, and installation is in progress. Unit 1 generator is scheduled for delivery in the 3rd quarter of 2025. Manufacturing of Unit 2 generator and turbine is ongoing.

Plant Oliver



Plant Oliver Units 1-4 are part of the Chattahoochee hydro group. These units began commercial operations in 1959.

Summary of Scope of Work: The scope of work expected for Plant Oliver Units 1-4 includes turbine replacements and replacement of the BOP systems, such as lubricating oil, service water systems, 480V switchgear, and the plant control system. Additionally, generator replacements will be performed on Units 3 and 4. Generator rewinds were previously completed for Units 1 and 2 during their maintenance cycles in 2015 and 2016, respectively.

Project Status: The turbine, generator, and BOP packages have been awarded. Engineering design is expected to be complete in the 3rd quarter of 2025. Unit 4 turbine and generator demolition is complete. Unit 4 demolition of BOP is in progress. Unit 1 demolition of turbine, generator, and BOP is complete. Unit 1 turbine manufacturing is ongoing.

Plant Burton



Plant Burton Units 1-2 are part of the North Georgia hydro group. These units began commercial operation in 1927.

Summary of Scope of Work: The scope of work expected for Plant Burton Units 1-2 includes generator rewinds/replacement, turbine replacements, and replacement of the BOP systems, such as lubricating oil, service water systems, 480V switchgear, the plant control system, and spillway gates.

Project Status: Turbine and generator packages have been awarded. Detailed design will be completed in the 3rd quarter of 2025. The demolition of Unit 2 turbine and generator is completed. Manufacturing of Unit 2 turbine and generator is ongoing. Unit 1 demolition will start in the 3rd quarter of 2025.

Plant Sinclair



Plant Sinclair Units 1-2 are part of the Central Georgia hydro group. These units began commercial operation in 1953.

Summary of Scope of Work: The scope of work expected for Plant Sinclair Units 1-2 includes generator rewinds/replacement, turbine replacements, and replacement of the BOP systems, such as lubricating oil, service water systems, 480V switchgear, and the plant control system.

Project Status: Engineering and procurement activities are underway. The turbine packages have been awarded. Site preparation planning for the project is complete.

Summary of Sites with Modernization Complete

Plant Terrora



Plant Terrora Units 1-2 are part of the North Georgia hydro group. These units began commercial operation in 1925.

Summary of Scope of Work: The scope of work for Plant Terrora Units 1-2 included generator rewinds, turbine replacements, and the replacement of the Balance of Plant (BOP) systems, such as lubricating oil, service water systems, 480V switchgear, and the plant control system.

Project Status: Modernization work at Plant Terrora is complete. Unit 1 was returned to normal operation on November 19, 2021. Unit 2 was returned to normal operation on December 30, 2020.

PUBLIC DISCLOSURE
Hydro Modernization Cost Report
Project Monitoring Report thru June 30, 2025

Total Project
(\$1,000s)

Year	Period Ending	2019 IRP										2022 IRP				Total Actuals	Total Project Forecast*
		Terrora Actuals	Terrora Project Forecast*	Tugalo Actuals	Tugalo Project Forecast*	Bartletts Ferry Actuals	Bartletts Ferry Project Forecast*	Nacoochee Actuals	Nacoochee Project Forecast*	Oliver Actuals	Oliver Project Forecast*	Sinclair Actuals	Sinclair Project Forecast*	Burton Actuals	Burton Project Forecast*		
2019	30-Jun	\$ 1,042	\$ 260	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,042	\$ 260
2019	31-Dec	\$ 3,430	\$ 1,848	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,430	\$ 1,848
2020	30-Jun	\$ 9,855	\$ 10,687	\$ 629	\$ 624	\$ 683	\$ 683	\$ 34	\$ 34	\$ 434	\$ 434	\$ -	\$ -	\$ -	\$ -	\$ 11,635	\$ 12,462
2020	31-Dec	\$ 15,498	\$ 18,624	\$ 5,508	\$ 5,443	\$ 1,734	\$ 1,734	\$ 6	\$ 6	\$ 3	\$ 3	\$ -	\$ -	\$ -	\$ -	\$ 22,749	\$ 25,811
2021	30-Jun	\$ 8,060	\$ 8,181	\$ 2,188	\$ 2,187	\$ 3,405	\$ 3,405	\$ 345	\$ 345	\$ 480	\$ 480	\$ -	\$ -	\$ -	\$ -	\$ 14,479	\$ 14,598
2021	31-Dec	\$ 8,449	\$ 7,694	\$ 18,030	\$ 17,473	\$ 11,287	\$ 11,315	\$ 1,352	\$ 1,352	\$ 521	\$ 521	\$ -	\$ -	\$ -	\$ -	\$ 39,640	\$ 38,355
2022	30-Jun	\$ 863	\$ 750	\$ 6,806	\$ 13,467	\$ 6,375	\$ 4,672	\$ 677	\$ 677	\$ 241	\$ 241	\$ -	\$ -	\$ -	\$ -	\$ 14,962	\$ 19,807
2022	31-Dec	\$ (166)	\$ -	\$ 19,111	\$ 19,762	\$ 13,944	\$ 14,461	\$ 2,923	\$ 2,923	\$ 4,954	\$ 4,954	\$ 683	\$ -	\$ 1,300	\$ 1,300	\$ 42,649	\$ 43,399
2023	30-Jun			\$ 11,342	\$ 11,033	\$ 17,429	\$ 18,096	\$ 2,510	\$ 2,293	\$ 1,980	\$ 1,980	\$ 173	\$ -	\$ 152	\$ 152	\$ 33,585	\$ 33,553
2023	31-Dec			\$ 22,510	\$ 7,858	\$ 20,762	\$ 14,532	\$ 7,300	\$ 10,067	\$ 14,253	\$ 14,253	\$ 131	\$ -	\$ 3,274	\$ 3,274	\$ 68,230	\$ 49,984
2024	30-Jun			\$ 11,650	\$ 11,713	\$ 18,254	\$ 12,224	\$ 5,121	\$ 14,051	\$ 6,425	\$ 11,799	\$ 329	\$ -	\$ 1,111	\$ 1,111	\$ 42,888	\$ 50,897
2024	31-Dec			\$ 14,408	\$ 7,965	\$ 22,471	\$ 13,242	\$ 4,931	\$ 12,806	\$ 19,460	\$ 19,768	\$ 4,937	\$ -	\$ 6,060	\$ 6,060	\$ 72,266	\$ 59,841
2025	30-Jun			\$ 9,151	\$ 10,098	\$ 19,946	\$ 11,815	\$ 5,129	\$ 6,515	\$ 12,203	\$ 25,355	\$ 2,329	\$ -	\$ 7,780	\$ 9,412	\$ 56,537	\$ 63,195
2025	31-Dec			\$ -	\$ 7,670	\$ -	\$ 12,996	\$ -	\$ 465	\$ -	\$ 34,224	\$ -	\$ -	\$ -	\$ 14,977	\$ -	\$ 70,332
2026	30-Jun			\$ -	\$ 3	\$ -	\$ 13,695	\$ -	\$ -	\$ -	\$ 17,567	\$ -	\$ -	\$ -	\$ 9,549	\$ -	\$ 40,815
2026	31-Dec					\$ -	\$ 11,205	\$ -	\$ -	\$ -	\$ 17,231	\$ -	\$ -	\$ -	\$ 15,657	\$ -	\$ 44,093
2027	30-Jun									\$ -	\$ 4,233		\$ -	\$ -	\$ 2,495	\$ -	\$ 6,728
2027	31-Dec									\$ -	\$ -		\$ -	\$ -	\$ 1,911	\$ -	\$ 1,911
TOTAL		\$ 47,031	\$ 48,045	\$ 121,332	\$ 115,295	\$ 136,189	\$ 144,075	\$ 30,328	\$ 51,534	\$ 60,953	\$ 153,042	\$ 8,581	\$ -	\$ 19,677	\$ 65,899	\$ 424,092	\$ 577,890

Sums and percentages may not add due to rounding.

Notes on Variances	
A	
B	
C	

*Added once Project Forecast estimates are updated and approved. Currently includes Plant Terrora Project Forecast that was developed 1Q 2021, Plant Tugalo 3Q 2021, Bartletts 1-4 4Q 2021, Nacoochee 2Q 2023, Plant Oliver 3Q 2023, Plant Burton 1Q 2025. Measured against Total IRP Budgets from 2019 & 2022 = \$592,378. 2019 IRP Budget - \$446,618; 2022 IRP Budget - \$145,760 (Burton & Sinclair).

PUBLIC DISCLOSURE
Hydro Modernization Cost Report
Project Monitoring Report thru June 30, 2025
Plant Tugalo

Actuals (\$1,000s)																	
Year	Period Ending	Unit 1			Unit 2			Unit 3			Unit 4			Actuals	Project Forecast*	% Variance (against Project Forecast)	Notes
		Turbine	Generator	BOP	Turbine	Generator	BOP	Turbine	Generator	BOP	Turbine	Generator	BOP				
2020	30-Jun	\$ 624	\$ -	\$ 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 629	\$ 624	1%	
2020	31-Dec	\$ 1,871	\$ 54	\$ 91	\$ 1,165	\$ -	\$ -	\$ 1,165	\$ -	\$ -	\$ 1,161	\$ -	\$ -	\$ 5,508	\$ 5,443	1%	
2021	30-Jun	\$ 1,109	\$ 165	\$ 551	\$ 132	\$ -	\$ 3	\$ 111	\$ -	\$ 3	\$ 109	\$ -	\$ 3	\$ 2,188	\$ 2,187	0%	
2021	31-Dec	\$ 4,497	\$ 1,727	\$ 7,002	\$ 1,231	\$ -	\$ 118	\$ 1,270	\$ -	\$ 731	\$ 1,330	\$ -	\$ 122	\$ 18,030	\$ 17,473	3%	
2022	30-Jun	\$ 3,263	\$ 160	\$ 3,052	\$ 121	\$ -	\$ 27	\$ 115	\$ -	\$ (11)	\$ 118	\$ -	\$ (41)	\$ 6,806	\$ 13,467	-49%	
2022	31-Dec	\$ 3,126	\$ 2,789	\$ 6,589	\$ 1,309	\$ 1,702	\$ 96	\$ 1,040	\$ 156	\$ 2,124	\$ 156	\$ 9	\$ 16	\$ 19,111	\$ 19,762	-3%	
2023	30-Jun	\$ 3,354	\$ 721	\$ 3,446	\$ 874	\$ 134	\$ 56	\$ 446	\$ 1,628	\$ 352	\$ 223	\$ 61	\$ 49	\$ 11,342	\$ 11,033	3%	
2023	31-Dec	\$ 3,532	\$ 898	\$ 6,957	\$ 1,177	\$ 3,796	\$ 1,234	\$ 930	\$ 182	\$ 756	\$ 1,555	\$ 1,185	\$ 307	\$ 22,510	\$ 7,858	186%	B
2024	30-Jun	\$ (2,674)	\$ 54	\$ 3,430	\$ 4,166	\$ 456	\$ 164	\$ 1,153	\$ 1,377	\$ 1,647	\$ 851	\$ 409	\$ 616	\$ 11,650	\$ 11,713	-1%	D
2024	31-Dec	\$ (3,702)	\$ 630	\$ 5,606	\$ (2,413)	\$ 1,745	\$ 1,519	\$ 2,556	\$ 2,936	\$ 1,932	\$ 1,201	\$ 1,793	\$ 605	\$ 14,408	\$ 7,965	81%	C
2025	30-Jun	\$ 2	\$ -	\$ 2,089	\$ 0	\$ 1	\$ 28	\$ 368	\$ 75	\$ 103	\$ 3,210	\$ 2,591	\$ 684	\$ 9,151	\$ 10,098	-9%	
2025	31-Dec													\$ -	\$ 7,670		
2026	30-Jun													\$ -	\$ 3		
2026	31-Dec																
2027	30-Jun																
2027	31-Dec																
TOTAL		\$ 15,002	\$ 7,197	\$ 38,820	\$ 7,762	\$ 7,833	\$ 3,246	\$ 9,154	\$ 6,354	\$ 7,639	\$ 9,916	\$ 6,048	\$ 2,362	\$ 121,332	\$ 115,295	5%	A
														Current Estimate at Completion	\$ 121,434		

Sums and percentages may not add due to rounding

Notes on Variances	
A	Increase from IRP submittal to current forecast driven by turbine pricing, generator replacement, GSU pricing, and trash racks scope.
B	Project proceeded ahead of the previous schedule, with the actual online dates advancing for Unit 1 to October 2023 from projected December 2023 and for Unit 2 to December 2023 from projected August 2024. Therefore, more costs occurred during the period ending December 31, 2023, than the project forecast due to project proceeding ahead of schedule, which translates to a decrease in the Current Estimate at Completion of around \$3 million from the June 2023 report to the December 2023 report.
C	Project continues to proceed ahead of schedule used to create Final Project Forecast, leading to earlier actual spend. Also, increase to Current Estimate at Completion in period ending December 31, 2024 due to change of General Contractor to finish Unit 3 & 4 BOP work.
D	Corrected Unit 1 BOP total for accounting system change of previous posted actuals.

Notes:
*Added once Project Forecast estimates are updated and approved. Final Project Forecast developed Q3 2021.
Measured against 2019 IRP Budget - \$105,736

PUBLIC DISCLOSURE
Hydro Modernization Cost Report
Project Monitoring Report thru June 30, 2025
Bartletts Ferry

Actuals (\$1,000s)															Actuals	Project Forecast*	% Variance (against Project Forecast)	Notes
Year	Period Ending	Unit 1			Unit 2			Unit 3			Unit 4							
		Turbine	Generator	BOP	Turbine	Generator	BOP	Turbine	Generator	BOP	Turbine	Generator	BOP					
2020	30-Jun	\$ 683	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 683	\$ 683		0%	
2020	31-Dec	\$ 1,734	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,734	\$ 1,734		0%	
2021	30-Jun	\$ 2,886	\$ -	\$ 1	\$ -	\$ -	\$ -	\$ 519	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,405	\$ 3,405		0%	
2021	31-Dec	\$ 1,931	\$ 175	\$ 3,398	\$ 1,995	\$ 43	\$ 633	\$ 817	\$ 44	\$ 598	\$ 905	\$ 60	\$ 687	\$ 11,287	\$ 11,315		-0.25%	
2022	30-Jun	\$ 2,216	\$ 239	\$ 3,220	\$ 205	\$ 39	\$ 59	\$ 176	\$ 36	\$ 62	\$ 89	\$ 3	\$ 32	\$ 6,375	\$ 4,672		36%	
2022	31-Dec	\$ 3,350	\$ 939	\$ 6,973	\$ 23	\$ 662	\$ 163	\$ 0	\$ 675	\$ 161	\$ 42	\$ 726	\$ 131	\$ 13,844	\$ 14,461		-4%	
2023	30-Jun	\$ 5,826	\$ 3,174	\$ 6,581	\$ 196	\$ 38	\$ 241	\$ 730	\$ 38	\$ 254	\$ 43	\$ 40	\$ 269	\$ 17,429	\$ 18,096		-4%	
2023	31-Dec	\$ 4,899	\$ 1,819	\$ 9,683	\$ 104	\$ 27	\$ 388	\$ 945	\$ 89	\$ 194	\$ 2,235	\$ 28	\$ 351	\$ 20,762	\$ 14,532		43%	
2024	30-Jun	\$ 5,173	\$ 1,175	\$ 6,122	\$ 214	\$ 35	\$ 74	\$ 972	\$ 1,445	\$ 2,674	\$ 197	\$ 96	\$ 76	\$ 18,254	\$ 12,224		49%	
2024	31-Dec	\$ 3,895	\$ 420	\$ 8,869	\$ 823	\$ 125	\$ 1,141	\$ 1,950	\$ 121	\$ 1,722	\$ 2,235	\$ 138	\$ 1,031	\$ 22,471	\$ 13,242		70%	
2025	30-Jun	\$ 3,071	\$ 345	\$ 4,289	\$ 372	\$ 1,178	\$ 293	\$ 3,758	\$ 2,128	\$ 674	\$ 1,417	\$ 299	\$ 2,123	\$ 19,946	\$ 11,815		69%	
2025	31-Dec													\$ -	\$ 12,996			
2026	30-Jun													\$ -	\$ 13,695			
2026	31-Dec													\$ -	\$ 11,205			
2027	30-Jun																	
2027	31-Dec																	
TOTAL		\$ 35,664	\$ 8,286	\$ 49,135	\$ 3,933	\$ 2,146	\$ 2,992	\$ 9,867	\$ 4,576	\$ 6,340	\$ 7,161	\$ 1,390	\$ 4,699	\$ 136,189	\$ 144,075		32%	
														Current Estimate at Completion	\$ 190,779			A,C

Sums and percentages may not add due to rounding.

Variations	
A	Increase from IRP submittal to current forecast driven by turbine, generator, GSU, and electrical equipment pricing.
B	Accounting system adjustments during period ending December 31, 2022.
C	Challenges associated with supply chain issues and identification of more equipment wear and damage than anticipated during the discovery process, are expected to result in overall increased cost.

Notes:
*Added once Project Forecast estimates are updated and approved. Final Project Forecast developed Q4 2021.
Measured against 2019 IRP Budget - \$114,703

PUBLIC DISCLOSURE
Hydro Modernization Cost Report
Project Monitoring Report thru June 30, 2025
Plant Nacoochee

Actuals (\$1,000s)											
Year	Period Ending	Unit 1			Unit 2			Actuals	Project Forecast*	% Variance (against Project Forecast)	Notes
		Turbine	Generator	BOP	Turbine	Generator	BOP				
2020	30-Jun	\$ -	\$ -	\$ -	\$ 34	\$ -	\$ -	\$ 34	\$ 34	0%	
2020	31-Dec	\$ -	\$ -	\$ -	\$ 6	\$ -	\$ -	\$ 6	\$ 6	0%	
2021	30-Jun	\$ -	\$ -	\$ -	\$ 345	\$ -	\$ -	\$ 345	\$ 345	0%	
2021	31-Dec	\$ -	\$ -	\$ 628	\$ 724	\$ -	\$ -	\$ 1,352	\$ 1,352	0%	
2022	30-Jun	\$ -	\$ -	\$ 269	\$ 408	\$ -	\$ -	\$ 677	\$ 677	0%	
2022	31-Dec	\$ -	\$ -	\$ 1,716	\$ 1,062	\$ -	\$ 145	\$ 2,923	\$ 2,923	0%	
2023	30-Jun	\$ -	\$ -	\$ 377	\$ 2,116	\$ -	\$ 17	\$ 2,510	\$ 2,293	9%	B
2023	31-Dec	\$ 1,054	\$ 1,000	\$ 2,244	\$ 2,731	\$ 260	\$ 11	\$ 7,300	\$ 10,067	-27%	
2024	30-Jun	\$ 1,200	\$ (988)	\$ 3,113	\$ 1,573	\$ 25	\$ 197	\$ 5,121	\$ 14,051	-64%	
2024	31-Dec	\$ 1,430	\$ 154	\$ 1,333	\$ 1,719	\$ 24	\$ 271	\$ 4,931	\$ 12,806	-61%	
2025	30-Jun	\$ 1,508	\$ 254	\$ 1,916	\$ 1,114	\$ 26	\$ 311	\$ 5,129	\$ 6,515	-21%	
2025	31-Dec							\$ -	\$ 465		
2026	30-Jun							\$ -	\$ -		
2026	31-Dec							\$ -	\$ -		
2027	30-Jun										
2027	31-Dec										
TOTAL		\$ 5,192	\$ 420	\$ 11,597	\$ 11,832	\$ 336	\$ 951	\$ 30,328	\$ 51,534	0%	A
Current Estimate at Completion									\$ 51,534		

Sums and percentages may not add due to rounding.

Notes on Variances	
A	Increase from IRP submittal to current forecast driven by GSU, trash racks, and labor costs.
B	Corrected Unit 2 turbine total for accounting system change of previous posted actuals.
C	

Notes:
*Added once Project Forecast estimates are updated and approved. Final Project Forecast developed Q2 2023.
Measured against 2019 IRP Budget - \$44,117

PUBLIC DISCLOSURE
Hydro Modernization Cost Report
Project Monitoring Report thru June 30, 2025
Plant Oliver

Actuals (\$1,000s)																			Actuals	Project Forecast*	% Variance (against Project Forecast)	Notes
Year	Period Ending	Unit 1			Unit 2			Unit 3			Unit 4											
		Turbine	Generator	BOP	Turbine	Generator	BOP	Turbine	Generator	BOP	Turbine	Generator	BOP									
2020	30-Jun	\$ 434	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 434	\$ 434		0%					
2020	31-Dec	\$ 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3	\$ 3		0%					
2021	30-Jun	\$ 480	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 480	\$ 480		0%					
2021	31-Dec	\$ 521	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 521	\$ 521		0%					
2022	30-Jun	\$ 241	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 241	\$ 241		0%					
2022	31-Dec	\$ 4,017	\$ -	\$ 455	\$ -	\$ -	\$ 154	\$ -	\$ -	\$ 161	\$ -	\$ -	\$ 166	\$ 4,954	\$ 4,954		0%					
2023	30-Jun	\$ 1,440	\$ -	\$ 443	\$ 2	\$ -	\$ 35	\$ -	\$ -	\$ 29	\$ -	\$ -	\$ 30	\$ 1,980	\$ 1,980		0%					
2023	31-Dec	\$ 2,861	\$ 0	\$ 5,439	\$ 2,401	\$ 0	\$ 51	\$ 2,474	\$ -	\$ 47	\$ 924	\$ -	\$ 56	\$ 14,253	\$ 14,253		0%					
2024	30-Jun	\$ 2,290	\$ 2	\$ 1,195	\$ 163	\$ 1	\$ 212	\$ 1,142	\$ (16)	\$ 121	\$ 910	\$ 356	\$ 48	\$ 6,425	\$ 11,799		-46%					
2024	31-Dec	\$ 3,879	\$ 38	\$ 5,904	\$ 2,480	\$ 25	\$ 119	\$ 1,425	\$ 3,344	\$ 237	\$ 1,240	\$ 561	\$ 210	\$ 19,460	\$ 19,768		-2%	B				
2025	30-Jun	\$ 5,166	\$ 119	\$ 4,094	\$ 253	\$ 87	\$ 312	\$ 282	\$ 142	\$ 48	\$ 823	\$ 569	\$ 308	\$ 12,203	\$ 25,355		-52%					
2025	31-Dec													\$ -	\$ 34,224							
2026	30-Jun													\$ -	\$ 17,567							
2026	31-Dec													\$ -	\$ 17,231							
2027	30-Jun													\$ -	\$ 4,233							
2027	31-Dec													\$ -	\$ -							
TOTAL		\$ 21,333	\$ 158	\$ 17,531	\$ 5,299	\$ 113	\$ 883	\$ 5,323	\$ 3,470	\$ 642	\$ 3,897	\$ 1,486	\$ 818	\$ 60,953	\$ 153,042		0%	A				
															Current Estimate at Completion		\$ 153,042					

Sums and percentages may not add due to rounding.

Notes on Variances	
A	Increase from IRP submittal to current forecast driven by labor and material costs.
B	Propane generator costs under Unit 1 moved from Generator to appropriate BOP category.
C	

Notes:
*Added once Project Forecast estimates are updated and approved. Final Project Forecast expected Q3 2023.
Measured against 2019 IRP Budget - \$119,842

PUBLIC DISCLOSURE
Hydro Modernization Cost Report
Project Monitoring Report thru June 30, 2025
Plant Sinclair

Actuals (\$1,000s)											
Year	Period Ending	Unit 1			Unit 2			Actuals	Project Forecast*	% Variance (against Project Forecast)	Notes
		Turbine	Generator	BOP	Turbine	Generator	BOP				
2020	30-Jun	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2020	31-Dec	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2021	30-Jun	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2021	31-Dec	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2022	30-Jun	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2022	31-Dec	\$ 151	\$ -	\$ 379	\$ -	\$ -	\$ 153	\$ 683	\$ -		
2023	30-Jun	\$ 59	\$ -	\$ 105	\$ -	\$ -	\$ 9	\$ 173	\$ -		
2023	31-Dec	\$ 24	\$ -	\$ 102	\$ -	\$ -	\$ 6	\$ 131	\$ -		
2024	30-Jun	\$ 65	\$ -	\$ 257	\$ -	\$ -	\$ 7	\$ 329	\$ -		
2024	31-Dec	\$ 1,840	\$ -	\$ 3,089	\$ -	\$ -	\$ 7	\$ 4,937	\$ -		A
2025	30-Jun	\$ 860	\$ -	\$ 1,453	\$ 5	\$ -	\$ 10	\$ 2,329	\$ -		
2025	31-Dec							\$ -	\$ -		
2026	30-Jun							\$ -	\$ -		
2026	31-Dec							\$ -	\$ -		
2027	30-Jun										
2027	31-Dec										
TOTAL		\$ 2,999	\$ -	\$ 5,386	\$ 5	\$ -	\$ 192	\$ 8,581	\$ -		

Sums and percentages may not add due to rounding.

Notes on Variances	
A	Propane generator costs under Unit 1 moved from Generator to appropriate BOP category.
B	
C	

Notes:
*Added once Project Forecast estimates are updated and approved. Final Project Forecast expected Q3 2025.
Measured against 2022 RFP Budget - \$85,405

PUBLIC DISCLOSURE
Hydro Modernization Cost Report
Project Monitoring Report thru June 30, 2025
Plant Burton

Actuals (\$1,000s)											
Year	Period Ending	Unit 1			Unit 2			Actuals	Project Forecast*	% Variance (against Project Forecast)	Notes
		Turbine	Generator	BOP	Turbine	Generator	BOP				
2020	30-Jun	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	
2020	31-Dec	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	
2021	30-Jun	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	
2021	31-Dec	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	
2022	30-Jun	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	
2022	31-Dec	\$ 424	\$ -	\$ 723	\$ -	\$ -	\$ 153	\$ 1,300	\$ 1,300	0%	
2023	30-Jun	\$ 29	\$ -	\$ 117	\$ -	\$ -	\$ 6	\$ 152	\$ 152	0%	
2023	31-Dec	\$ 2,411	\$ -	\$ 858	\$ -	\$ -	\$ 5	\$ 3,274	\$ 3,274	0%	
2024	30-Jun	\$ 318	\$ 37	\$ 734	\$ -	\$ 0	\$ 22	\$ 1,111	\$ 1,111	0%	
2024	31-Dec	\$ 1,569	\$ 13	\$ 4,259	\$ -	\$ 1	\$ 218	\$ 6,060	\$ 6,060	0%	B
2025	30-Jun	\$ 167	\$ 313	\$ 2,808	\$ 2,741	\$ 901	\$ 850	\$ 7,780	\$ 9,412	-17%	
2025	31-Dec							\$ -	\$ 14,977		
2026	30-Jun							\$ -	\$ 9,549		
2026	31-Dec							\$ -	\$ 15,657		
2027	30-Jun							\$ -	\$ 2,495		
2027	31-Dec							\$ -	\$ 1,911		
TOTAL		\$ 4,918	\$ 363	\$ 9,499	\$ 2,741	\$ 902	\$ 1,254	\$ 19,677	\$ 65,899	0%	A
Current Estimate at Completion								\$ 65,899			

Sums and percentages may not add due to rounding.

Notes on Variances	
A	Increase from IRP submittal to current forecast driven by scope change for civil infrastructure.
B	Propane generator costs under Unit 1 moved from Generator to appropriate BOP category.
C	

Notes:
*Added once Project Forecast estimates are updated and approved. Final Project Forecast expected Q1 2025.
Measured against 2022 IRP Budget - \$60,355

PUBLIC DISCLOSURE
Major Contracts
Project Monitoring Report thru June 30, 2025

Major Contracts	Type	PO ¹	Estimated Amount (1000\$) ²	Initial Contract Amount (1000\$)	Current Contract Amount (1000\$) ³	% Variance ⁴	Notes
Terrora							
Turbine	Supply, remove and install	GPC10980282 / GPC6429-0009	REDACTED	REDACTED	REDACTED	REDACTED	A, B, P
Generator	Supply, remove and install	GPC65084-0001	REDACTED	REDACTED	REDACTED	REDACTED	A, C
General Contractor Unit 2	Install	GPC65147-0001	REDACTED	REDACTED	REDACTED	REDACTED	A, D
General Contractor Unit 1	Install	GPC69749-0001	REDACTED	REDACTED	REDACTED	REDACTED	A, G
Trash Racks	Supply, remove and install	GPC67622-0001	REDACTED	REDACTED	REDACTED	REDACTED	A
Governor HPU Skids	Supply	GPC10982009	REDACTED	REDACTED	REDACTED	REDACTED	A
Station Service Transformers	Supply	GPC10977336	REDACTED	REDACTED	REDACTED	REDACTED	A
Switchgear	Supply	GPC11053203	REDACTED	REDACTED	REDACTED	REDACTED	A
Lube Oil Skids	Supply	GPC10982036	REDACTED	REDACTED	REDACTED	REDACTED	A, E
Batteries	Supply	GPC11020730	REDACTED	REDACTED	REDACTED	REDACTED	A
Generator Step Up Transformer	N/A	N/A	REDACTED	REDACTED	REDACTED	REDACTED	
DCS	Supply	GPC10990070	REDACTED	REDACTED	REDACTED	REDACTED	A, F
Totals			REDACTED	REDACTED	REDACTED	REDACTED	
<i>Sums and percentages may not add due to rounding.</i>							
Tugalo							
Turbine/Generator LNTF	Supply, remove and install	GPC69300-0001	REDACTED	REDACTED	REDACTED	REDACTED	H, I
Turbine/Generator U1	Supply, remove and install	GPC69300-0001	REDACTED	REDACTED	REDACTED	REDACTED	I, J
Turbine/Generator U2	Supply, remove and install	GPC69300-0002	REDACTED	REDACTED	REDACTED	REDACTED	I, J
Turbine/Generator U3	Supply, remove and install	GPC69300-0003 / GPC69300-0013	REDACTED	REDACTED	REDACTED	REDACTED	I, J
Turbine/Generator U4	Supply, remove and install	GPC69300-0004 / GPC69300-0012	REDACTED	REDACTED	REDACTED	REDACTED	I, J
General Contractor U1	Install	GPC83925-0002	REDACTED	REDACTED	REDACTED	REDACTED	
General Contractor U2	Install	GPC83925-0004	REDACTED	REDACTED	REDACTED	REDACTED	
General Contractor U3 - Original	Install	GPC83925-0005	REDACTED	REDACTED	REDACTED	REDACTED	Q
General Contractor U4 - Original	Install	GPC83925-0006	REDACTED	REDACTED	REDACTED	REDACTED	Q
General Contractor U3 - New contract	Install	GPC93088-0004	REDACTED	REDACTED	REDACTED	REDACTED	Q
General Contractor U4 - New contract	Install	GPC93621-0001	REDACTED	REDACTED	REDACTED	REDACTED	Q
Trash Racks	Supply, remove and install	GPC64556-0007	REDACTED	REDACTED	REDACTED	REDACTED	N
Governor HPU Skids U1	Supply	GPC69389-0007 / GPC18391-0388	REDACTED	REDACTED	REDACTED	REDACTED	
Governor HPU Skids U2	Supply	GPC69389-0008 / GPC18391-0390	REDACTED	REDACTED	REDACTED	REDACTED	
Governor HPU Skids U3	Supply	GPC69389-0009 / GPC18391-0386	REDACTED	REDACTED	REDACTED	REDACTED	
Governor HPU Skids U4	Supply	GPC69389-0010 / GPC18391-0389	REDACTED	REDACTED	REDACTED	REDACTED	
Station Service Transformers	Supply	GPC69066-0007	REDACTED	REDACTED	REDACTED	REDACTED	
Switchgear	Supply	GPC63594-0009	REDACTED	REDACTED	REDACTED	REDACTED	
Lube Oil Skids	N/A	N/A	REDACTED	REDACTED	REDACTED	REDACTED	
Batteries	Supply	GPC72032-0001	REDACTED	REDACTED	REDACTED	REDACTED	
Generator Step Up Transformers	Supply	GPC70844-0002	REDACTED	REDACTED	REDACTED	REDACTED	L
DCS Unit 1	Supply	GPC11121719	REDACTED	REDACTED	REDACTED	REDACTED	O
DCS Unit 2	Supply	GPC18391-0383	REDACTED	REDACTED	REDACTED	REDACTED	
DCS Unit 3	Supply	GPC18391-0419	REDACTED	REDACTED	REDACTED	REDACTED	
DCS Unit 4	Supply	GPC18391-0421	REDACTED	REDACTED	REDACTED	REDACTED	
Spillway Gates	Supply	GPC64556-0007	REDACTED	REDACTED	REDACTED	REDACTED	K
Totals			REDACTED	REDACTED	REDACTED	REDACTED	

Sums and percentages may not add due to rounding.

Bartlett's Ferry 1-4							
Turbine Common	Supply, remove and install	GPC69087-0001	REDACTED	REDACTED	REDACTED	REDACTED	H
Turbine Unit 1	Supply, remove and install	GPC68064-0005	REDACTED	REDACTED	REDACTED	REDACTED	M
Turbine Unit 2	Supply, remove and install	GPC11503034	REDACTED	REDACTED	REDACTED	REDACTED	M
Turbine Unit 3	Supply, remove and install	GPC11485430	REDACTED	REDACTED	REDACTED	REDACTED	M
Turbine Unit 4	Supply, remove and install	GPC68064-0004	REDACTED	REDACTED	REDACTED	REDACTED	M
Generator Unit 1	Supply, remove and install	GPC74379-0002	REDACTED	REDACTED	REDACTED	REDACTED	H
Generator Unit 2	Supply, remove and install	GPC74379-0005	REDACTED	REDACTED	REDACTED	REDACTED	H
Generator Unit 3	Supply, remove and install	GPC74379-0003	REDACTED	REDACTED	REDACTED	REDACTED	H
Generator Unit 4	Supply, remove and install	GPC74379-0004	REDACTED	REDACTED	REDACTED	REDACTED	H
General Contractor - All Units	Install	Multiple	REDACTED	REDACTED	REDACTED	REDACTED	
Trash Racks	Supply Only	GPC64556-0019	REDACTED	REDACTED	REDACTED	REDACTED	N
Governor HPU Skids Unit 1	Supply	GPC73295-0001	REDACTED	REDACTED	REDACTED	REDACTED	
Governor HPU Skids Unit 2	Supply	GPC73295-0003	REDACTED	REDACTED	REDACTED	REDACTED	
Governor HPU Skids Unit 3	Supply	GPC73295-0002	REDACTED	REDACTED	REDACTED	REDACTED	
Governor HPU Skids Unit 4	Supply	GPC73295-0004	REDACTED	REDACTED	REDACTED	REDACTED	
Station Service Transformers	Supply	GPC68066-0012	REDACTED	REDACTED	REDACTED	REDACTED	
Switchgear	Supply	GPC67910-0006	REDACTED	REDACTED	REDACTED	REDACTED	
Lube Oil Skids	Supply	GPC66641-0008	REDACTED	REDACTED	REDACTED	REDACTED	O
Generator Step Up Transformer U1	Supply	GPC70844-0029	REDACTED	REDACTED	REDACTED	REDACTED	
Generator Step Up Transformer U2	Supply	GPC70844-0004	REDACTED	REDACTED	REDACTED	REDACTED	
Generator Step Up Transformer U3	Supply	GPC70844-0030	REDACTED	REDACTED	REDACTED	REDACTED	
Generator Step Up Transformer U4	Supply	GPC70844-0006	REDACTED	REDACTED	REDACTED	REDACTED	
DCS U1	Supply	GPC71804-0010	REDACTED	REDACTED	REDACTED	REDACTED	
DCS U2	Supply	GPC18391-0422	REDACTED	REDACTED	REDACTED	REDACTED	
DCS U3	Supply	GPC18391-0413	REDACTED	REDACTED	REDACTED	REDACTED	
DCS U4	Supply	GPC18391-0420	REDACTED	REDACTED	REDACTED	REDACTED	
			REDACTED	REDACTED	REDACTED	REDACTED	
Totals			REDACTED	REDACTED	REDACTED	REDACTED	

Sums and percentages may not add due to rounding.

Sums and percentages may not add due to rounding

Singlair						
Turbine U1	Supply, remove and install	GPC64290-0030	REDACTED	REDACTED	REDACTED	REDACTED
Generator	Supply, remove and install					
General Contractor	Install					
Trash Racks	Install					
Governor HPU Skids Unit 1	Supply	GPC73295-0013	REDACTED	REDACTED	REDACTED	REDACTED
Governor HPU Skids Unit 2	Supply	GPC73295-0012	REDACTED	REDACTED	REDACTED	REDACTED
Station Service Transformers	Supply	GPC83584-0012	REDACTED	REDACTED	REDACTED	REDACTED
Switchgear	Supply					
Lube Oil Skids	Supply					
Batteries	Supply					
Generator Step Up Transformer	Supply	GPC70844-0025	REDACTED	REDACTED	REDACTED	REDACTED
DCS Unit 1	Supply	GPC18391-0359	REDACTED	REDACTED	REDACTED	REDACTED
DCS Unit 2	Supply	GPC18391-0361	REDACTED	REDACTED	REDACTED	REDACTED
Bulk Heads	Supply					
Trash Racks	Supply Only					
			REDACTED	REDACTED	REDACTED	REDACTED
<i>Sums and percentages may not add due to rounding.</i>						
Burton						
Turbine LNTP	Supply, remove and install	GPC69300-0016	REDACTED	REDACTED	REDACTED	REDACTED
Turbine/Generator U1	Supply, remove and install	GPC69300-0016	REDACTED	REDACTED	REDACTED	REDACTED
Turbine/Generator U2	Supply, remove and install	GPC69300-0017	REDACTED	REDACTED	REDACTED	REDACTED
General Contractor	Install					
Trash Racks	Supply and install	GPC89056-0017	REDACTED	REDACTED	REDACTED	REDACTED
Governor HPU Skids	Supply	GPC73295-0010	REDACTED	REDACTED	REDACTED	REDACTED
Station Service Transformers	Supply	GPC83584-0010	REDACTED	REDACTED	REDACTED	REDACTED
Switchgear	Supply	GPC54530-0028	REDACTED	REDACTED	REDACTED	REDACTED
Lube Oil Skids	Supply					
Batteries	Supply	GPC72032-0008	REDACTED	REDACTED	REDACTED	REDACTED
Generator Step Up Transformer	Supply	GPC70844-0015	REDACTED	REDACTED	REDACTED	REDACTED
DCS Unit 1	Supply	GPC18391-0358	REDACTED	REDACTED	REDACTED	REDACTED
DCS Unit 2	Supply	GPC18391-0360	REDACTED	REDACTED	REDACTED	REDACTED
Bulk Heads	Supply					
			REDACTED	REDACTED	REDACTED	REDACTED

Sums and percentages may not add due to rounding.

¹ PO's included when contract value exceeds \$100k following award of contract and issuance of PO.

² Estimated amount from Project Estimate

³ This reflects change orders to the contract/purchase order

⁴ From Initial Contract Amount to Current Amount

Notes on Variances	
A	Variances between the Estimated Amount and the Initial Contract Amount are the result of the differences between the screening level Estimated Amount compared to the actual contract that was procured and is reflected as the Initial Contract Amount.
B	Additional work related to rehabilitation and replacement of components not included in base scope.
C	Additional rotor stability frame due to safety concerns. Additional cleaning and handling of the generator rotor.
D	Documents issued for bid vs documents issued for construction.
E	Additional valve, differential pressure transmitters, and lifting frame modification.
F	Power and water cybersecurity suite equipment, operation station, and additional start up support.
G	"Estimated Amount" included in General Contractor Unit 2 value. Shown in Cell E9.
H	Limited Notice to Proceed - contract negotiations completed
I	Turbine and Generator scope issued a single contract due to an alternate bid
J	Transferred braking/jacking and vibration monitoring scope to vendor, added scope for online brush removal and terminal blocks.
K	Estimate includes supply and install. Originally estimated as Obermeyers, current strategy is replace in kind.
L	Includes U1 and U3 transformers
M	Steel indices
N	Storage Fees
O	Part associated with completing the final design.
P	Accounting system adjustments during period ending December 31, 2022.
Q	New contracts due to replacement of General Contractor for finishing BOP work for Units 3 & 4.

PUBLIC DISCLOSURE
Project Change Orders
Project Monitoring Report thru June 30, 2025
Material Change Orders (>\$100k)

Torrora			
Date CO Submitted	Description of Change Order Request	Dollar Amount Requested (1000\$)	Date Approved
1/30/2020	Controls	REDACTED	5/13/2020
1/30/2020	Penstock manholes/platforms, turb/gen platform, air reciever tank, control room access	REDACTED	5/13/2020
5/14/2020	Unit 1/2 Turbine Increases.	REDACTED	5/14/2020
5/14/2020	Night Shift Coordinator	REDACTED	5/18/2020
6/23/2020	Torrora Isolation Valves	REDACTED	7/23/2020
10/19/2020	Torrora Overhead Crane uprate	REDACTED	10/19/2020
11/10/2020	Equipment and Startup support	REDACTED	11/24/2020
11/24/2020	Operations Procedures	REDACTED	11/24/2020
3/29/2021	Torrora Phase 2 Startup Support	REDACTED	4/12/2021
9/9/2021	Torrora Unit 1 & 2- New Lower Generator Guide Bearing Oil Basin Cover Proposal for Turbine Contractor	REDACTED	9/9/2021
9/9/2021	Torrora Unit 1--LGGB Housing and Bridge Fit Reconditioning for Turbine Contractor	REDACTED	10/8/2021
	34 Other Change Orders (<\$100k)	\$ 936	Multiple
	Total	\$ 6,157	
Tugalo			
Date CO Submitted	Description of Change Order Request	Dollar Amount Requested (1000\$)	Date Approved
10/14/2021	Online Brush Removal, Vibration Sensors, Braking/Jack System, and Terminal Blocks	REDACTED	11/30/2021
3/24/2022	Additional Electrical Hours Required	REDACTED	3/24/2022
3/24/2022	Tugalo Unit 1 sole plate, draft tube, and wheel pit repairs	REDACTED	3/24/2022
3/17/2022	By-Pass for the Temperature Control Valves	REDACTED	9/29/2022
7/8/2022	Tugalo Trash Rack and Structural Steel temporary Storage	REDACTED	9/29/2022
11/21/2022	GSU PO Reconciliation	REDACTED	11/21/2022
1/25/2023	GSU Concrete Pad install	REDACTED	6/29/2023
3/15/2023	Sheave Wheel Bracket Modifications (28 Sheave Wheel Brackets)	REDACTED	6/29/2023
3/31/2023	Turbine Unit 2&3 Draft Tube Repairs	REDACTED	6/29/2023
5/26/2023	Turbine Contractor Unit 2 Expedited delivery	REDACTED	8/25/2023
6/24/2024	General Contractor scope additions for various Field Work Authorizations	REDACTED	6/25/2024
11/11/2025	Final agreement on changes of quantities for civil infrastructure project	REDACTED	1/22/2025
5/2/2025	Scroll Case Coating: Unit 3	REDACTED	6/23/2025
	18 Other Change Orders (<\$100k)	\$ 637	Multiple
	Total	\$ 5,837	

Bartlett's Ferry			
Date CO Submitted	Description of Change Order Request	Dollar Amount Requested (1000\$)	Date Approved
8/31/2021	Additional Options and Engineering Studies	REDACTED	9/7/2021
2/5/2022	CPI increase in raw steel Price vs the Post-adjustment price for Headcover	REDACTED	4/5/2022
2/5/2022	CPI increase in raw steel Price vs the Post-adjustment price for Runner	REDACTED	4/5/2022
3/8/2022	Bartlett's U1-4 Powerhouse Crane Cost Change	REDACTED	4/21/2022
7/6/2022	Lifting and Handling Devices for Unit dis-assembly and re-assembly	REDACTED	8/30/2022
4/15/2022	Trash Gate Actuator Variance Post-Control	REDACTED	8/30/2022
8/18/2022	Additional Hours Needed to complete Mechanical Design	REDACTED	8/30/2022
5/16/2022	I&C Variance for years 2023 thru 2026	REDACTED	10/6/2022
9/2/2022	Generator Bearings	REDACTED	11/22/2022
11/17/2022	U1 and U2 Baffling in Thrust Tub	REDACTED	12/14/2022
8/30/2022	Log Powerhouse Crane – LCP (Lead Containing Paint) Removal and Storage	REDACTED	12/2/2022
2/8/2023	GSU PO Reconciliation - Pricing Index Increase	REDACTED	2/16/2023
6/3/2022	Bartlett's Ferry Units 1-4 Shear Pin Detection system	REDACTED	4/17/2023
1/11/2023	Bartlett's Shear Pin Monitoring Panel Unit 3	REDACTED	4/18/2023
3/3/2023	Replacement Stem Nuts for Head Gate Actuators	REDACTED	4/18/2023
4/27/2023	Switchyard Relocation - Install of New GSU's (U1 &U3)	REDACTED	4/27/2023
5/12/2023	Vertical Generator Shaft Bearing Journals Replacement	REDACTED	5/25/2023
7/6/2022	Headcover Sump and Piping Removal	REDACTED	5/25/2023
8/18/2022	Tail Race Stop Log	REDACTED	5/25/2023
3/8/2023	Spillway Gantry Cranes Upgrade from 575v to 480v	REDACTED	5/25/2023
5/24/2023	Turbine Thrust Runner Repair	REDACTED	6/14/2023
6/20/2023	Turbine Steel Price Adjustment	REDACTED	6/20/2023
6/23/2023	Draft Tube Installation and Wheel Pit Blasting	REDACTED	6/23/2023
6/13/2023	New turbine operating rings at Bartlett's Units 1 & 2	REDACTED	6/28/2023
6/21/2023	Fans and Louvers	REDACTED	7/27/2023
8/25/2023	Stator Rewind, Restack, Rotor Pole Refurbishment U1 Frame Modifications	REDACTED	8/25/2023
8/3/2023	Generator Contractor Finger Flanges Change Order for the Stator Rewind, Restack, Rotor Pole Refurbis	REDACTED	8/22/2023
4/14/2022	Head Gates Drive System Change from Manual to Automatic Actuator	REDACTED	9/29/2023
11/15/2023	Replacement of upper and lower generator guide bearings	REDACTED	11/16/2023
7/14/2023	Rotor cleaning and Abatement Removal	REDACTED	11/16/2023
11/15/2023	Replacement of Operating Ring	REDACTED	11/16/2023
11/16/2023	Stator Reposition	REDACTED	11/16/2023
12/18/2023	Civil Infrastructure Contractor - Trash Rack Beam, Trash Rack Guides and Intake cover for priming valve	REDACTED	1/29/2024
12/18/2023	Turbine Contractor Remob & Stay Vanes	REDACTED	1/29/2024
12/18/2023	Upper Guide & Lower Guide Modification and Thrust Bearing	REDACTED	1/29/2024
4/17/2024	Replacement Thrust Shoes	REDACTED	4/24/2024
5/22/2024	Thrust Runner	REDACTED	5/24/2024
5/8/2024	Civil Contractor - Draft Tube Stop Logs in Tail Race Units 1-4, Additional Trash Rack Channel Guide Modifications for Units 2-4, and Headgate Stem Guides	REDACTED	5/24/2024
4/17/2024	Generator Delay due to Discovery Effort from June 23 to Nov 23.	REDACTED	5/24/2024
6/20/2024	Covers of the Headgate Actuators	REDACTED	7/30/2024
10/11/2024	Line Boring, Rotor Fans, & Isolator Bushings	REDACTED	12/10/2024
9/12/2024	2nd Fabrication Set (Gearbox Assembly) Rework	REDACTED	12/11/2024
1/23/2025	Additional Replacement Parts	REDACTED	2/27/2025
3/6/2025	Unit 2 Head Gate Gear Box Rework	REDACTED	4/2/2025
3/25/2025	Work - Stop Logs, Stem and Beam Repair, Actuator	REDACTED	4/2/2025
3/26/2025	New Clamping Flange Finger for U4	REDACTED	4/2/2025
4/2/2025	Unit 2 Actuator Rework	REDACTED	4/2/2025
4/2/2025	U2 Actuator Standby-by and Re-Install	REDACTED	4/2/2025
4/15/2025	Building Lean To	REDACTED	5/8/2025
05/27/2025	Generator Work Platform Unit 3	REDACTED	6/27/2025
05/27/2025	Unit 3 Wheel Pit and Stay Vane Blast and Repaint and Rotor Blast and Repaint	REDACTED	6/27/2025
05/27/2025	Water Quality Monitoring	REDACTED	6/27/2025
	41 Other Change Orders (<\$100k)	\$ 1,346	Multiple
	Total	\$ 47,233	

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PUBLIC DISCLOSURE
Procurement Status of Significant Components -- All Received
Project Monitoring Report thru June 30, 2025

See separate GPC Hydro Modernization Procurement Summary attachment.

PUBLIC DISCLOSURE
Hydro Modernization Cost Report
Project Monitoring Report thru June 30, 2025
Plant Terrora

Actuals (\$1,000s)											
Year	Period Ending	Unit 1			Unit 2			Actuals	Project Forecast* (Developed 2/26/21)	% Variance (against Project Forecast)	Notes
		Turbine	Generator	BOP	Turbine	Generator	BOP				
2019	30-Jun	\$ -	\$ -	\$ -	\$ 594	\$ 31	\$ 417	\$ 1,042	\$ 260	300%	
2019	31-Dec	\$ -	\$ -	\$ -	\$ 1,678	\$ 303	\$ 1,449	\$ 3,430	\$ 1,848	86%	
2020	30-Jun	\$ 1,778	\$ -	\$ 12	\$ 3,949	\$ 1,582	\$ 2,534	\$ 9,855	\$ 10,687	-8%	
2020	31-Dec	\$ 972	\$ 1,551	\$ 802	\$ 4,512	\$ 2,648	\$ 5,012	\$ 15,498	\$ 18,624	-17%	
2021	30-Jun	\$ 3,222	\$ 1,277	\$ 2,666	\$ 498	\$ 3	\$ 395	\$ 8,060	\$ 8,181	-1%	
2021	31-Dec	\$ 4,970	\$ 921	\$ 2,070	\$ 129	\$ -	\$ 360	\$ 8,449	\$ 7,694	10%	
2022	30-Jun	\$ 564	\$ 28	\$ 92	\$ 192	\$ -	\$ (12)	\$ 863	\$ 750	15%	
2022	31-Dec	\$ (151)	\$ (19)	\$ 3	\$ 1	\$ -	\$ -	\$ (166)	\$ -	N/A	B
TOTAL		\$ 11,355	\$ 3,757	\$ 5,646	\$ 11,552	\$ 4,567	\$ 10,155	\$ 47,031	\$ 48,045	-2%	A

Sums and percentages may not add due to rounding.

Notes on Variances	
A	Variance based on total actuals in this report versus total project forecast.
B	Accounting system adjustments during period ending December 31, 2022.
C	

Notes:
*Added once Project Forecast estimates are updated and approved. Final Project Forecast developed Q1 2021.
Measured against 2019 IRP Budget - \$58,160
Unit 1 returned to normal operation on November 19, 2021. Unit 2 returned to normal operation on December 30, 2020.
This report reflects actuals for the two semiannual periods following the return to normal operation of the last unit in the project (i.e., Unit 1) to reflect applicable invoiced costs but does not include any ordinary accounting adjustments made to close out the project, as applicable, after December 31, 2022.

Bi-annual Hydro Modernization Procurement Status ending 06.30.2025 TRADE SECRET
has been redacted in its entirety.

Bartletts Ferry Units 1-4 Schedule 06-30-25 TRADE SECRET has been redacted in its entirety.

Burton Schedule 06-30-25 TRADE SECRET has been redacted in its entirety.

Nacoochee Schedule 06-30-25 TRADE SECRET has been redacted in its entirety.

Oliver Schedule 06-30-25 TRADE SECRET has been redacted in its entirety.

Sinclair Schedule 06-30-25 TRADE SECRET has been redacted in its entirety.

Tugalo Schedule 06-30-25 TRADE SECRET has been redacted in its entirety.