Georgia Power

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

July 31, 2023

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

RE: Georgia Power Company's 2023 Avoided Cost and Solar Avoided Cost Projections; Docket Nos. 4822 and 16573

Dear Ms. Tanner:

Georgia Power Company hereby respectfully submits its 2023 Avoided Cost Projections prescribed by the Georgia Public Service Commission's Order in Docket No. 4822 and the Solar Avoided Cost Projections prescribed by the Commission's Order in Docket No. 16573. This filing replaces the avoided cost projections filed in Docket No. 4822 on July 29, 2022, and the RCB-modified solar avoided cost projections for RNR Solar BTM filed in Docket No. 16573 on July 29, 2022.

This letter and the accompanying filing are submitted consistent with the Alternative Electronic Filing Procedures established by the Commission on March 17, 2020.

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

Sincerely,

/s/ Kelley Balkcom

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

Avoided Cost Projections

Georgia Power Company - Energy Budget 2023

	4822 Avoided Cost - Non-Intermittent Qualifying Facilities					
	Avoided Capacity Cost	Avoided Energy Cost				
Year	$/KW-yr	Peak Season: All Hours $/MWh	Peak Season: Peak Hours $/MWh	Peak Season: Off-Peak Hours $/MWh	Non-Peak Season: All Hours $/MWh	Annual All Hours $/MWh
2024	0.00	46.65	54.54	41.78	38.66	41.32
2025	0.00	39.35	44.47	36.12	33.44	35.42
2026	0.00	36.84	41.56	33.82	30.17	32.40
2027	0.00	34.21	37.80	31.91	26.50	29.07
2028	0.00	34.31	37.49	32.30	27.58	29.83
2029	85.91	33.99	37.21	32.00	28.02	30.02
2030	87.18	36.06	39.15	34.16	29.17	31.47
2031	88.47	35.43	37.43	34.16	30.08	31.87
2032	89.77	35.54	36.68	34.82	30.41	32.12
2033	91.12	36.25	36.75	35.93	31.14	32.85
2034	92.47	36.80	36.63	36.91	31.81	33.48
2035	93.84	36.82	36.95	36.74	32.44	33.90
2036	95.23	34.99	34.72	35.16	31.00	32.33
2037	96.66	36.72	36.57	36.81	32.33	33.80
2038	98.09	38.29	38.59	38.09	33.26	34.94
2039	99.55	38.36	38.31	38.38	34.54	35.81
2040	101.03	39.82	40.10	39.65	36.51	37.62
2041	102.55	44.75	44.61	44.83	39.11	41.00
2042	104.08	45.88	45.95	45.84	40.34	42.19
2043	105.63	47.49	46.78	47.94	41.54	43.53

Notes:

1. Peak season consists of the months June through September.

2. Peak hours consist of weekday hours 9am through 10pm eastern daylight time (EDT).

3. Per the Behind-the-meter (BTM) Joint Recommendation filed at and approved by the Commission in June 2017 and the Final Order in Docket No. 4822 in March 2021, the Renewable Cost Benefit (RCB) Framework is applied in Docket Nos. 4822 and 16573.

4. Depending on QF interconnection level, generator MWH will be grossed up from approximately 0% to 7% to apply the benefit for Reduced Transmission Losses and/or Reduced Distribution Losses as appropriate.

5. These estimates are for informational purposes and actual payments will differ. These estimates are comprised of fuel, emissions, variable O&M, fuel handling, a marginal cost multiplier, and unit commitment costs.

Avoided Cost Projections

Georgia Power Company - Energy Budget 2023

	4822 RCB-Modified Avoided Cost - Intermittent Qualifying Facilities				RCB-Modified 16573 for RNR Solar BTM (Includes Reduced Losses Benefit)
	Avoided Energy Cost based on Technology Type ($/MWh)				
	Solar DG BTM	Solar Ground-Mounted Tracking	Solar Ground-Mounted Fixed Tilt	SE Wind	
Year	Profile Weighted Hours	Profile Weighted Hours	Profile Weighted Hours	Profile Weighted Hours	Solar Avoided Energy Cost ($/MWh)
2024	41.79	41.84	41.79	39.72	44.80
2025	34.52	34.77	34.52	34.00	37.00
2026	31.41	31.67	31.41	31.00	33.67
2027	27.85	28.15	27.85	27.64	29.85
2028	27.92	28.25	27.92	28.62	29.92
2029	27.45	27.79	27.45	29.00	29.42
2030	28.00	28.45	28.00	30.55	30.00
2031	27.73	28.13	27.73	31.23	29.71
2032	26.49	27.00	26.49	31.94	28.38
2033	25.75	26.33	25.75	32.90	27.60
2034	23.93	24.69	23.93	33.74	25.65
2035	25.03	25.61	25.03	34.34	26.84
2036	24.15	24.78	24.15	33.02	25.88
2037	26.12	26.68	26.12	34.15	27.99
2038	27.15	27.74	27.15	35.36	29.10
2039	28.67	29.22	28.67	36.21	30.72
2040	30.27	30.80	30.27	38.09	32.43
2041	32.76	33.37	32.76	41.10	35.10
2042	33.54	34.07	33.54	42.47	35.94
2043	32.99	33.73	32.99	43.97	35.35

Notes:

1. Per the Behind-the-meter (BTM) Joint Recommendation filed at and approved by the Commission in June 2017 and the Final Order in Docket No. 4822 in March 2021, the Renewable Cost Benefit (RCB) Framework is applied in Docket Nos. 4822 and 16573.

2. Depending on QF interconnection level, generator MWH will be grossed up from approximately 0% to 7% to apply the benefit for Reduced Transmission Losses and/or Reduced Distribution Losses as appropriate. RCB-Modified 16573 for RNR Solar BTM already includes the benefit for Reduced Transmission Losses and Reduced Distribution Losses.

3. Except for payments specified in the RNR tariff, these estimates are for informational purposes and actual payments will differ. These estimates are comprised of fuel, emissions, variable O&M, fuel handling, a marginal cost multiplier, and unit commitment costs. As stated in note 2, RNR Solar BTM solar avoided energy cost already includes the benefit for Reduced Transmission Losses and Reduced Distribution Losses. Other QFs will have this benefit applied as applicable based on the QF interconnection level.

4. Per the 2022 Rate Case Final Order in Docket No. 44280 in December 2022, RNR-Instantaneous Netting customers shall receive two credits for excess energy: 1) a Renewable Generation Credit, calculated using the RNR Solar BTM Solar Avoided Energy Cost rate, and 2) a Renewable Generation Adder, calculated using a rate of 4 cents per kWh, which is equivalent to $40 per MWh. The additional amount shall be in place for three years and will be reviewed in the 2025 base rate case.

5. Starting with the 2023 filing, Solar Distributed Generation (DG) BTM and Solar Ground-Mounted Fixed are assumed to have the same generation profile and therefore equal annual avoided energy costs ($/MWh) based on profile weighted hours.