

June 7, 2024

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

RE: Georgia Power Company's 2024 Avoided Cost and Solar Avoided Cost Projections; Docket Nos. 4822 and 16573

Dear Ms. Tanner:

Georgia Power Company hereby respectfully submits its 2024 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 October 13, 2023, and the RCB-modified solar avoided cost projections for RNR Solar BTM filed in Docket No. 16573 on October 13, 2023.

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 - Budget 2024 (2023 IRP Update)

4822 Avoided Cost - Non-Intermittent Qualifying Facilities						
Year	Avoided Capacity Cost	Avoided Energy Cost				
	\$/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
2025	0.00	34.50	38.95	31.70	31.94	32.80
2026	0.00	36.71	40.61	34.21	31.86	33.48
2027	0.00	39.59	41.68	38.24	33.45	35.50
2028	135.68	37.92	39.97	36.64	32.53	34.33
2029	138.69	39.89	41.59	38.84	35.22	36.78
2030	141.73	39.84	41.43	38.86	34.43	36.24
2031	144.85	37.76	38.51	37.29	33.63	35.01
2032	148.02	39.37	38.88	39.68	36.00	37.12
2033	151.30	40.90	39.85	41.58	38.31	39.18
2034	154.63	44.72	42.91	45.87	41.58	42.63
2035	158.02	44.22	41.48	45.91	42.17	42.85
2036	161.49	42.79	39.21	45.04	40.73	41.42
2037	165.06	44.96	40.39	47.89	42.63	43.41
2038	168.69	47.54	41.57	51.37	44.09	45.25
2039	172.39	46.28	40.49	49.99	43.01	44.10
2040	176.17	47.88	41.61	51.75	44.62	45.71
2041	180.08	51.04	44.45	55.11	46.62	48.10
2042	184.03	51.44	44.09	56.07	46.99	48.48
2043	188.07	51.16	43.79	55.88	46.49	48.05
2044	192.19	53.24	45.69	58.09	47.18	49.20

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.
6. The Avoided Capacity Cost shown reflects the capacity need in Winter 2027/2028 to be filled through the narrowly tailored battery energy storage system (BESS) request for proposal (RFP) in accordance with the Order Adopting Stipulated Agreement approving the Stipulation in the 2023 Integrated Resource Plan (IRP) Update in Docket No. 55378.

Avoided Cost Projections Georgia Power Company - Budget 2024 (2023 IRP Update)

4822 RCB-Modified Avoided Cost - Intermittent Qualifying Facilities					
Avoided Energy Cost based on Technology Type (\$/MWh)					
	Solar DG BTM	Solar Ground-Mounted Tracking	Solar Ground-Mounted Fixed Tilt	SE Wind	RCB-Modified 16573 for RNR Solar BTM (Includes Reduced Losses Benefit)
Year	Profile Weighted Hours	Profile Weighted Hours	Profile Weighted Hours	Profile Weighted Hours	Solar Avoided Energy Cost (\$/MWh)
2025	31.16	31.28	31.16	32.27	33.15
2026	31.49	31.77	31.49	32.31	33.52
2027	31.91	32.32	31.91	34.58	33.97
2028	30.80	31.14	30.80	33.51	32.79
2029	32.57	32.92	32.57	36.47	34.65
2030	31.55	31.98	31.55	36.05	33.57
2031	29.85	30.23	29.85	34.95	31.75
2032	30.84	31.21	30.84	37.39	32.81
2033	31.77	32.12	31.77	39.60	33.79
2034	33.46	33.85	33.46	43.15	35.59
2035	32.88	33.22	32.88	43.73	34.96
2036	32.90	33.14	32.90	42.45	34.98
2037	33.81	34.07	33.81	44.28	35.94
2038	34.76	35.04	34.76	46.20	36.95
2039	33.15	33.47	33.15	45.10	35.25
2040	34.91	35.20	34.91	46.66	37.12
2041	37.68	37.91	37.68	49.05	40.06
2042	37.35	37.61	37.35	49.62	39.71
2043	36.28	36.58	36.28	48.94	38.58
2044	36.79	37.05	36.79	50.40	39.13

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.