

July 29, 2022

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

RE: Georgia Power Company's 2022 Avoided Cost and Solar Avoided Cost Projections; Docket Nos. 4822 and 16573

Dear Ms. Tanner:

Georgia Power Company hereby respectfully submits its 2022 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 30, 2021 and the RCB-modified solar avoided cost projections for RNR Solar BTM filed in Docket No. 16573 on July 30, 2021. 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 Marc Vinson at 404-506-2687, 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 2022

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
2022	0.00	32.39	37.26	29.27	29.21	30.28
2023	0.00	27.64	31.55	25.18	25.36	26.12
2024	0.00	29.47	33.49	26.98	23.79	25.69
2025	0.00	30.25	34.09	27.84	24.29	26.28
2026	0.00	31.99	35.93	29.46	25.57	27.72
2027	0.00	33.02	36.79	30.59	26.29	28.54
2028	0.00	34.30	38.00	31.97	27.58	29.82
2029	79.81	33.92	37.18	31.90	28.35	30.21
2030	81.54	34.52	37.02	32.97	28.86	30.75
2031	83.31	33.14	34.60	32.22	29.99	31.04
2032	85.12	34.37	35.42	33.70	30.77	31.97
2033	86.97	35.24	35.89	34.83	31.83	32.97
2034	88.85	36.12	36.59	35.82	33.03	34.06
2035	90.78	34.75	35.26	34.43	32.37	33.17
2036	92.76	33.38	33.52	33.29	32.16	32.57
2037	94.78	34.39	34.68	34.20	32.79	33.33
2038	96.84	34.57	34.21	34.80	33.46	33.83
2039	98.95	34.55	33.86	35.00	33.58	33.90
2040	101.10	35.13	34.66	35.42	34.54	34.74
2041	103.30	37.71	36.79	38.27	36.16	36.68
2042	105.55	38.33	37.08	39.11	36.29	36.97

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 2022

	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	SW Wind	
Year	Profile Weighted Hours	Profile Weighted Hours	Profile Weighted Hours	Profile Weighted Hours	Solar Avoided Energy Cost (\$/MWh)
2022	31.69	31.77	31.73	29.40	34.00
2023	27.02	27.00	27.04	25.40	28.98
2024	26.20	26.30	26.23	24.73	28.13
2025	26.52	26.69	26.54	25.25	28.47
2026	27.85	27.99	27.88	26.60	29.90
2027	28.70	28.90	28.75	27.40	30.81
2028	29.67	29.85	29.74	28.74	31.85
2029	29.24	29.43	29.31	29.23	31.38
2030	29.33	29.50	29.28	29.82	31.48
2031	29.32	29.47	29.33	30.37	31.45
2032	29.56	29.78	29.62	31.24	31.71
2033	30.21	30.46	30.26	32.24	32.40
2034	30.82	31.01	30.89	33.31	33.05
2035	30.25	30.50	30.27	32.51	32.44
2036	30.76	30.86	30.71	32.19	32.97
2037	31.54	31.67	31.53	32.91	33.81
2038	31.56	31.72	31.56	33.47	33.83
2039	31.12	31.25	31.07	33.55	33.36
2040	31.80	32.06	31.78	34.40	34.08
2041	32.99	33.33	32.96	36.24	35.36
2042	31.77	32.27	31.76	36.41	34.07

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 tariff prices also already include 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.