

June 16, 2020

Mr. Reece McAlister
Executive Secretary
Georgia Public Service Commission
244 Washington Street, SW
Atlanta, GA 30334-5701

RE: Georgia Power Company's 2020 Avoided Cost and Solar Avoided Cost Projections; Docket Nos. 4822 and 16573

Dear Mr. McAlister:

Georgia Power Company hereby respectfully submits its 2020 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 December 19, 2019 and the RCB-modified solar avoided cost projections for RNR Solar BTM submitted in the Company's Errata to its 2019 Solar Avoided Cost Projections filed in Docket No. 16573 on May 13, 2020. 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

**Energy Budget 2020
Georgia Power Company**

Year	Avoided Capacity Cost	Avoided Energy Cost			RCB-Modified 16573 for RNR Solar BTM	
	\$/KW-yr	Peak Season: Peak Hours \$/MWh	Peak Season: Off-Peak Hours \$/MWh	Annual All Hours \$/MWh	Solar Avoided Capacity Cost \$/KW-yr	Solar Avoided Energy Cost \$/MWh
2020	0.00	32.46	25.54	26.56	0.00	30.73
2021	0.00	31.36	25.28	25.69	0.00	27.22
2022	0.00	36.01	29.08	28.94	0.00	31.14
2023	0.00	39.57	31.65	31.87	0.00	34.16
2024	0.00	41.27	34.47	33.36	0.00	34.35
2025	0.00	41.67	35.56	34.03	0.00	35.76
2026	0.00	42.37	36.07	34.90	0.00	36.11
2027	0.00	44.25	37.63	36.23	0.00	37.34
2028	57.07	44.32	38.50	37.25	0.00	37.48
2029	57.95	45.16	39.05	38.00	0.00	37.94
2030	58.86	47.91	41.49	40.10	13.31	31.61

YEAR: 2020 \$/MWh	System Territorial Spot Fuel Lambda	Marginal Cost Multiplier	Fuel Cost Multiplier	Variable O & M Component Adder	Emissions Component Adder (SO2, Nox & HG)	Start-up & Commitment Component Adder	Total \$/MWh For QF Block
Peak Season: Peak Hours	27.30	1.0	1.0585	3.35	0.02	0.19	32.46
Peak Season: Off-Peak Hours	20.76	1.0	1.0585	3.48	0.04	0.05	25.54
Annual All Hours	21.18	1.0	1.0585	3.57	0.01	0.56	26.56

YEAR: 2021 \$/MWh	System Territorial Spot Fuel Lambda	Marginal Cost Multiplier	Fuel Cost Multiplier	Variable O & M Component Adder	Emissions Component Adder (SO2, Nox & HG)	Start-up & Commitment Component Adder	Total \$/MWh For QF Block
Peak Season: Peak Hours	26.93	1.0	1.0303	3.35	0.02	0.25	31.36
Peak Season: Off-Peak Hours	21.04	1.0	1.0303	3.51	0.03	0.06	25.28
Annual All Hours	20.97	1.0	1.0303	3.46	0.01	0.61	25.69

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. Transmission losses are not included.
4. The start-up and commitment component adders for capacity that avoids a combustion turbine unit are equal to zero.
5. Except for payments specified in the RNR tariff, these estimates are for informational purposes and actual payments will differ. Per the Behind-the-meter (BTM) Joint Recommendation filed at and approved by the Commission in June 2017, the Renewable Cost Benefit (RCB) Framework is applied to the Solar Avoided Capacity Cost and Solar Avoided Energy Cost values.

**Georgia Power Company
Energy Budget 2020
Avoided Costs Projections
Seasonal Avoided Energy Costs**

Year	Peak Season All Hours \$/MWh	Non-Peak Season All Hours \$/MWh	Annual All Hours \$/MWh
2020	28.24	25.72	26.56
2021	27.66	24.70	25.69
2022	31.79	27.52	28.94
2023	34.71	30.44	31.87
2024	37.07	31.51	33.36
2025	37.92	32.09	34.03
2026	38.53	33.08	34.90
2027	40.21	34.23	36.23
2028	40.75	35.50	37.25
2029	41.38	36.30	38.00
2030	43.94	38.17	40.10