

May 22, 2025

VIA ELECTRONIC DELIVERY

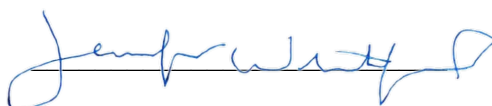
Ms. Sallie Tanner
Executive Secretary
Georgia Public Service Commission
244 Washington Street, SW
Atlanta, Georgia 30334

**Re: Demonstrative Handout on Behalf of Georgia Interfaith Power & Light and
Southface Energy Institute; Docket Nos. 56002, 56003**

Dear Ms. Tanner:

Please find enclosed an electronic version of the following Demonstrative Handout to be filed in Docket Nos. 56002 and 56003 on behalf of Georgia Interfaith Power & Light and Southface Energy Institute.

Respectfully submitted,



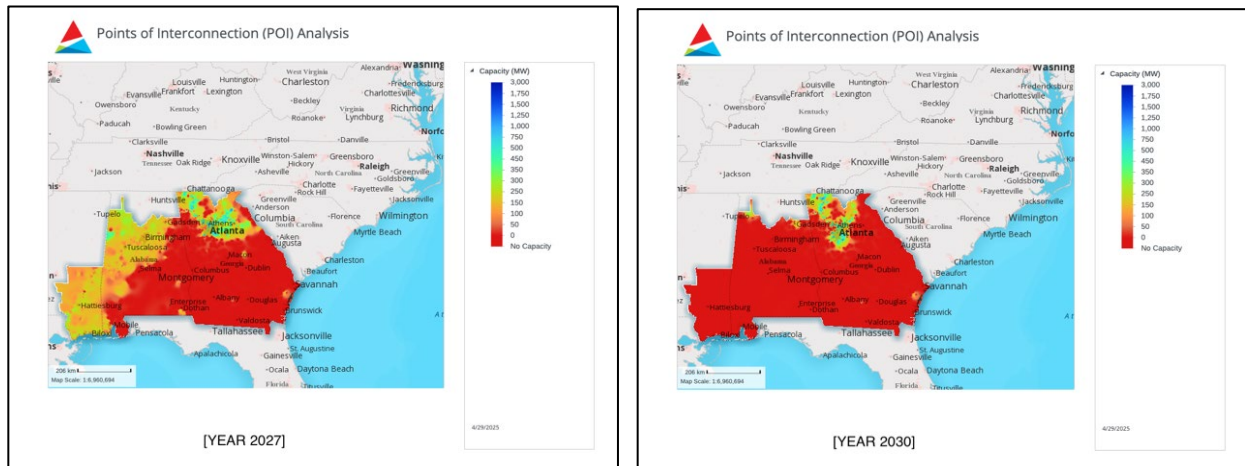
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DEMONSTRATIVE

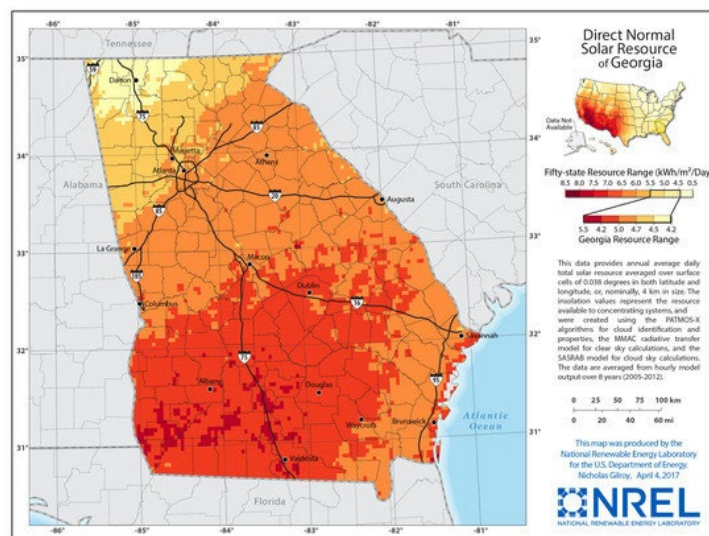
(1) There is insufficient capacity on current system to integrate new generation.

Georgia Power's Capacity Hosting tool shows limited interconnection capacity in 2027 and is even more constrained in 2030 (Patel Testimony, Figure 9).



(Credit: Southern, *Points of Interconnection (POI)*, <https://sight.southernco.com/poi-analysis-map> (last visited May 1, 2025)).

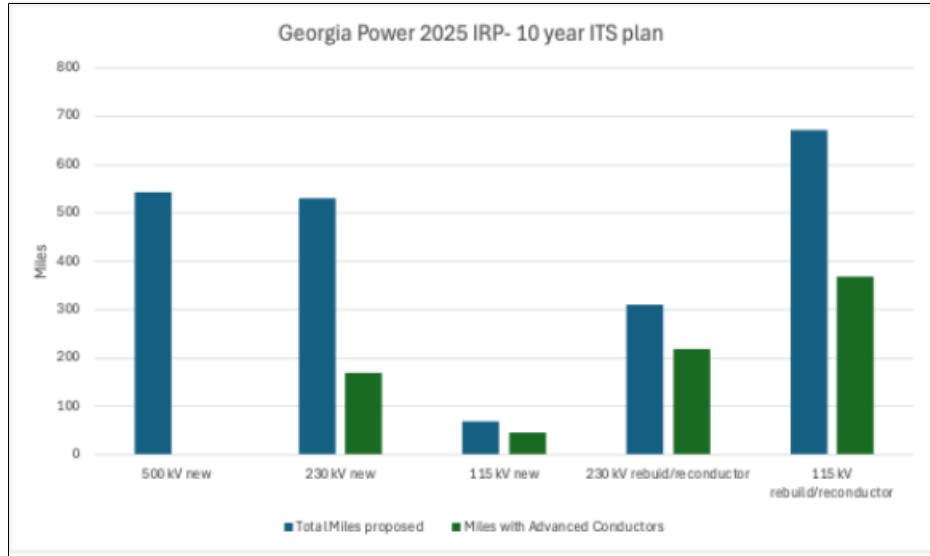
There is no transmission capacity available to connect generation in the areas of the highest solar potential in Georgia (Patel Testimony, Figure 10).



(Credit: Nat'l Renewable Energy Lab'y, *Solar Resource Maps and Data* (2018), <https://www2.nrel.gov/gis/solar-resource-maps>).

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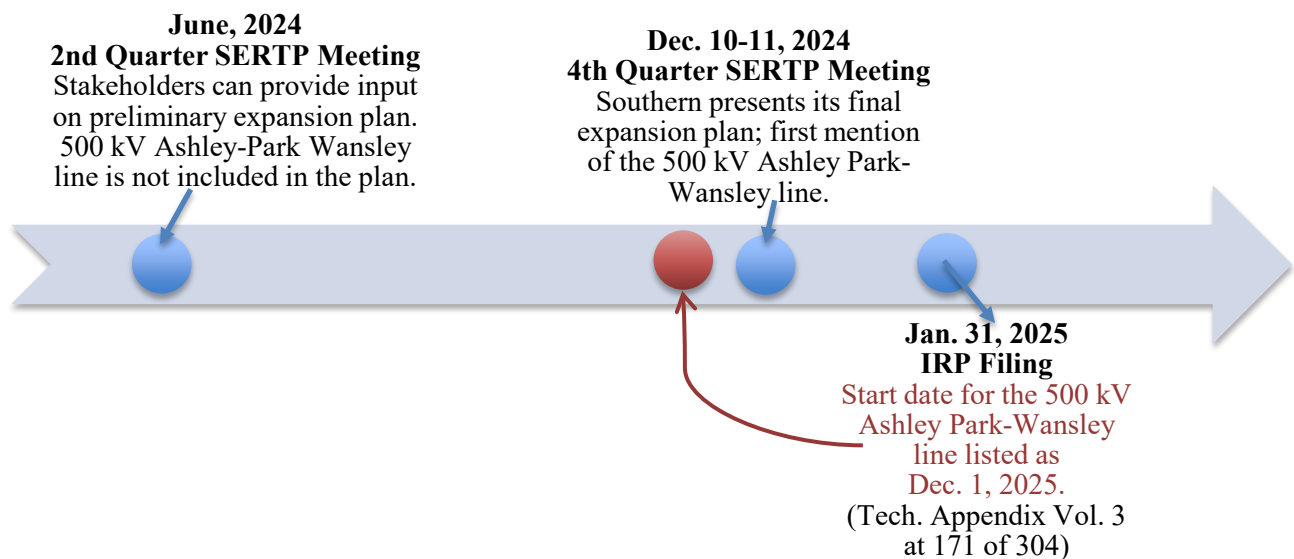
- (2) Planning should incorporate modern technologies, but 10 Year Plan proposes limited use of advanced conductors (Patel Testimony, Figure 14).



(Data Source: Responses to Data Requests No. STF-DEA-2-7 and STF-DEA-2-8).

- (3) Existing stakeholder engagement opportunities are not sufficient (Patel Testimony at 42-44).

Example from 2024 SERTP process



CERTIFICATE OF SERVICE

I certify that the foregoing **Demonstrative Handout** was filed with the Public Service Commission on behalf of Georgia Interfaith Power & Light and Southface Energy Institute in Dockets No. 56002 and 56003 by electronic delivery on the 22nd of May, 2025. An electronic copy of same was served upon all parties listed below by electronic mail as follows:



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