

DUKE ENERGY CAROLINAS, LLC & DUKE ENERGY PROGRESS, LLC

Request:

Why is 2028 the first year of eligible selection for standalone solar? Why not earlier? Reference - Table C-22: Solar and Solar Paired with Storage Modeling Assumptions, Appendix C.

Response:

The first availability of resources generally reflect project development timelines required to bring incremental resources online. For solar specifically, the first year of selectable solar in 2028 reflecting resources currently being procured as part of the 2023 solar procurement, that would generally come online in the calendar year 2027 for BOY 2028. Solar project development from RFP Solar procurement solicitation to in-service is approximately 4 years, with specific project in-service dates varying based on transmission, interconnection, and other project development factors.

The Companies do reflect solar resources coming online before 2028 as part of the forecast solar resources (see Table C-21), which reflect solar projects in advanced development at time of the development of the Plan.

Responder: Michael T. Quinto, Director, IRP Advanced Analytics