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Sep 01 2023

September 1, 2023

**VIA ELECTRONIC FILING**

Ms. A. Shonta Dunston, Chief Clerk  
North Carolina Utilities Commission  
Dobbs Building  
430 North Salisbury Street  
Raleigh, North Carolina 27603

**RE: Duke Energy Carolinas, LLC and Duke Energy Progress, LLC's  
Direct Testimony and Exhibits in Support of 2023-2024 Carbon Plan  
and Integrated Resource Plan  
Docket No. E-100, Sub 190**

Dear Ms. Dunston:

On behalf of Duke Energy Carolinas, LLC ("DEC") and Duke Energy Progress, LLC ("DEP" and, together with DEC, the "Companies") and pursuant to the North Carolina Utilities Commission's ("Commission") December 30, 2022, *Order Adopting Initial Carbon Plan and Providing Direction for Future Planning* issued in Docket No. E-100, Sub 179 (the "*Carbon Plan Order*"), please find enclosed for filing the Companies' pre-filed *Direct Testimony and Exhibits* supporting their proposed 2023-2024 Carbon Plan and Integrated Resource Plan ("CPIRP" or "the Plan") as filed with the Commission on August 17, 2023.

The Companies are filing direct testimony and exhibits of ten (10) witnesses and witness panels covering an array of subject matter as follows:

	Topic	Duke Energy Witness(es)
1.	Lead Witness Sponsoring CPIRP	Kendal Bowman, North Carolina State President for DEC and DEP
2.	IRP and Near-Term Actions	Glen Snider, Managing Director of Carolinas Integrated Resource Planning and Analytics Michael Quinto, Director of IRP Advanced Analytics Thomas Beatty, Senior Engineer, Production Cost Modeling and Data Management Benjamin Passty, Principal Load Forecasting Analyst

3.	Resource Adequacy	Nick Wintermantel, Principal, Astrapé Consulting Cole Benson, Managing Consultant, Astrapé Consulting
4.	Reliability and Operational Resilience	John Samuel Holeman III, Vice President of Transmission System Planning and Operations Patrick O'Connor, Lead Quantitative Analyst
5.	Dispatchable Generation and Fuel Supply	John A. Verderame, Vice President, Fuels & Systems Optimization Daniel Donochod, General Manager, Fleet Transition Strategy Peter Hoeflich, Director of Generation Technology, Generation & Transmission Strategy
6.	Renewables and Energy Storage	Maura Farver, State Energy and Policy Director Justin LaRoche, Director of Renewable Development Laurel M. Meeks, Director of Renewable Business Development
7.	Long-Lead Generation and Pumped Storage Hydro	Clift Pompee, Managing Director of Generation Technology Steven D. Capps, Senior Vice President of Nuclear Operations Benjamin Smith, Generation & Regulatory Strategy Director
8.	Transmission and Interconnection	Sammy Roberts, General Manager, Transmission Planning and Operations Strategy Jing Shi, Managing Director, Renewable Integration
9.	Grid Edge and Customer Programs	Tim Duff, General Manager, Grid Strategy Enablement Jonathan L. Byrd, Managing Director, Rate Design and Regulatory Solutions
10.	Carolinas Utility Operations	Laura Bateman, Vice President of Carolinas Rates and Regulatory Strategy Nelson Peeler, Senior Vice President, Transmission and Fuels Strategy and Policy

Recognizing the robust resource planning analysis and execution plan detail presented in the Plan, itself, the Companies' witnesses and witness panels identify the sections of the CPIRP sponsored by each Panel and highlight for the Commission key issues presented in their proposed CPIRP with a specific focus on (1) supporting the requests for relief presented in the Companies' Verified Petition for Approval of the 2023-34 CPIRP; and (2) addressing directives set forth by the Commission in the *Carbon Plan Order*.

Long-Lead Generation and Pumped Storage Hydro Panel Exhibit 1 contains confidential information related to the Companies' wind energy area evaluation, as directed

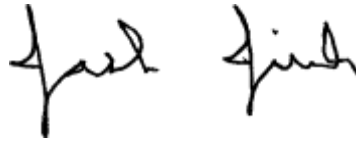
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in the *Carbon Plan Order*. The information designated by the Companies as confidential or, in limited circumstances, highly confidential “lawyers’ eyes only” qualifies as “trade secrets” under N.C.G.S. § 66-152(3). Public disclosure of this information would allow access by external vendors to proprietary development plans and projected or actual development costs for potential offshore wind development projects, which may provide commercial value to such external vendors and may ultimately result in harm to ratepayers. Pursuant to N.C.G.S. § 132-1.2, the Companies have redacted such confidential information from this public version of the Companies’ CPIRP Direct Testimony and Exhibits and is contemporaneously filing this confidential information with the Commission under seal. The Companies will make this information available to interested parties pursuant to an appropriate nondisclosure agreement.

If you have any questions, please do not hesitate to contact me. Thank you for your assistance with this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Jack E. Jirak". The signature is written in a cursive, flowing style with a large initial "J" and "E".

Jack E. Jirak

Enclosure

cc: Parties of Record

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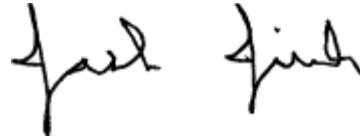
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**CERTIFICATE OF SERVICE**

I certify that copies of Duke Energy Carolinas, LLC's and Duke Energy Progress, LLC's Direct Testimony and Exhibits, filed today in Docket No. E-100, Sub 190, have been served by electronic mail, hand delivery, or by depositing a copy in the United States mail, postage prepaid, properly addressed to parties of record.

This the 1<sup>st</sup> day of September, 2023.



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