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February 16, 2023

VIA ELECTRONIC FILING

Ms. Shonta A. Dunston
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4300

**RE: Duke Energy Carolinas, LLC and Duke Energy Progress, LLC's
Supplemental Response to Public Staff's Data Request No. 2-23a re:
Winter Storm Elliott
Docket No. M-100, Sub 163**

Dear Ms. Dunston:

On January 25, 2023, Duke Energy Carolinas, LLC ("DEC") and Duke Energy Progress, LLC's ("DEP", and together with DEC, "Duke Energy") filed their First Submission of Responses to the Public Staff's Data Request ("PSDR") No. 2 re: Winter Storm Elliott in the above-referenced docket. In those responses, Duke Energy committed to supplement its response to PSDR No. 2-23a at a later date to provide the megawatt reduction calculations for various load reduction programs. Those calculations are hereby provided in the attached supplemental response. The supplemental response also clarifies that the EM levels provided in the original response are separate from the Distribution System Demand Response program, as they are administered by Duke Energy Transmission organization.

If you have any questions, please let me know.

Sincerely,

Jason A. Higginbotham

Enclosure

cc: Parties of Record

OFFICIAL COPY

Feb 16 2023

DUKE ENERGY CAROLINAS, LLC and DUKE ENERGY PROGRESS, LLC

Request:

23. For DSDR, DSM, IVVC, and Load Reduction programs, please provide:

- a. A list of programs and their respective MW reduction that were called upon from December 23, 2022, through December 28, 2022. Include the date, hour(s) of activation, and MW reduction;
- b. A list of programs and their respective MW reduction amount that were expected to be online or available, but failed to respond when called upon from December 23, 2022, through December 28, 2022; and
- c. A list of programs that underperformed.
 - i. The underperformance amount in MWs and the hours impacted for program.

Supplemental Response (February 16, 2023):

- a. Please see the table below.

<u>Program</u>	<u>Date and Time</u>	<u>Status</u>
Emergency Voltage Reduction	12/24 @ 6:00	Emergency Voltage Reduction level 1 (EM1) activated (227 MW reduction)
Emergency Voltage Reduction	12/24 @ 6:15	Emergency Voltage Reduction level 2 (EM2) activated (further 153 MW reduction)
Emergency Voltage Reduction	12/24 @ 11:42	Both EM voltage reduction levels deactivated
DSDR	12/25 @ 6:00	DSDR activated (165 MW reduction)
DSDR	12/25 @ 9:00	DSDR deactivated
DSDR	12/26 @ 6:00	DSDR activated (211 MW reduction)
DSDR	12/26 @ 9:00	DSDR deactivated

For Load Reduction programs, see the file titled "PSDR-23A"

Responder: Barbara Coppola, Dir. Planning & Reg. Support

Original Response (January 25, 2023):

- a. The table below provides the dates and times certain programs were activated. For the Company's Distribution System Demand Response ("DSDR") program, megawatt reduction calculations are projected to be completed by February 10, 2023 to align with existing reporting requirements to the Commission. The Company will supplement its response to this item when those calculations are final.

<u>Program</u>	<u>Date and Time</u>	<u>Status</u>
DSDR	12/24 @ 6:00	EM1 level (emergency level 1) of DSDR activated
DSDR	12/24 @ 6:15	EM2 level (emergency level 2) of DSDR activated
DSDR	12/24 @ 11:42	Both EM levels of DSDR were deactivated
DSDR	12/25 @ 6:00	DSDR activated
DSDR	12/25 @ 9:00	DSDR was deactivated
DSDR	12/25 @ 9:00	DSDR was deactivated
DSDR	12/26 @ 6:00	DSDR activated
DSDR	12/26 @ 9:00	DSDR was deactivated

For Load Reduction programs, see the file titled "PSDR-23A

Responder: Barbara Coppola, Dir. Planning & Reg. Support

CERTIFICATE OF SERVICE

I certify that a copy of Duke Energy Carolinas, LLC and Duke Energy Progress, LLC's Supplemental Response to the Public Staff's Data Request No. 2-23a re Winter Storm Elliott, in Docket No. M-100, Sub 163, has been served by electronic mail, hand delivery, or by depositing a copy in the United States Mail, 1st Class Postage Prepaid, properly addressed to parties of record.

This the 16th day of February, 2023.



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