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July 1, 2024

VIA ELECTRONIC FILING

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

**RE: Duke Energy Carolinas, LLC's Report on Installation of Electric Vehicle ("EV") Charging Stations Under Electrification Charging Infrastructure ("ECI") Program
Docket Nos. E-7, Sub 1134 and E-7, Sub 1276**

Dear Ms. Dunston:

Pursuant to the North Carolina Utilities Commission's ("Commission") December 15, 2023 *Order Accepting Stipulations, Granting Partial Rate Increase, Requiring Public Notice and Modifying Lincoln CT CPCN Conditions*, in the above-referenced dockets ("DEC Rate Case Order"), Duke Energy Carolinas, LLC ("DEC" or the "Company") hereby provides the below Report on Installation of EV Charging Stations under DEC's ECI Program.

In the DEC Rate Case Order, the Commission accepted and approved the *Amended Revenue Requirement Stipulation* ("Stipulation") between DEC and the Public Staff – North Carolina Utilities Commission ("Public Staff" and together with DEC, "the Parties"), which the Parties filed in the above-referenced dockets on August 28, 2023. Under the Stipulation, the Parties agreed that:

The Company's electric vehicle infrastructure in service by June 2023 that was recommended for removal by Public Staff witness Evan Lawrence should be included in the base period [of the Multiyear Rate Plan ("MYRP")], subject to Public Staff's audit of the Company's second and third supplemental filings. Such electric vehicle infrastructure project should be used for Company vehicle use only.¹

¹ Stipulation at p. 7, ¶ 7.

The Parties also agreed to the removal of the costs of the Fleet ECI project from the MYRP.²

Additionally, the Company agreed to certain reporting requirements that Public Staff witness Lawrence had recommended in his direct testimony.³ Specifically, Mr. Lawrence recommended that DEC submit a report “no later than 180 days after the Commission’s final order in this docket” and a “subsequent report every six months thereafter” providing the following information regarding EV charging stations installed by DEC: (1) Location (site name and address); (2) Installation date; (3) Charging station type (L2, DCFC, etc.); (4) Maximum charging station output rating; (5) Capital cost per charging station; (6) Number of uses; (7) Average duration of use; and (8) Average energy delivered per use.⁴ Mr. Lawrence also recommended that the Company maintain the load profile for each station.⁵

To date, the Company has not installed any of the electric charging infrastructure proposed in the MYRP. Accordingly, DEC does not have any data to report on the items required by the DEC Rate Case Order. In general, DEC is continuing to refine its strategy for transitioning the Company’s internal fleet to EVs and is closely monitoring the ever-changing dynamics in the electric transportation industry. There are numerous evolving technologies in the EV industry, and vendors are continuing to present options for large-scale electrification that DEC believes warrant further investigation and review. Additionally, the fluid nature of clean energy mandates and related environmental regulations are likely to impact the development of new and additional technologies. As a result, DEC is carefully evaluating options for transitioning the Company’s fleet in a manner that best promotes the objectives of the ECI Program and the Company’s corporate goals. DEC believes its approach is in the public interest and is not aware of any impacts to customers or customer rates. As noted, DEC agreed to remove projected ECI costs from the MYRP.

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

Sincerely,



Jason A. Higginbotham

cc: Parties of Record

² *Id.* at p. 15, ¶ 38.a.

³ *Id.* at p.18, ¶ 44.

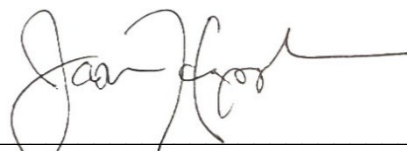
⁴ Testimony of Evan D. Lawrence, Docket No. E-7, Sub 1276, at 28-29.

⁵ *Id.*

CERTIFICATE OF SERVICE

I certify that a copy of Duke Energy Carolinas, LLC's Report on Installation of Electric Vehicle ("EV") Charging Stations Under Electrification Charging Infrastructure ("ECI") Program, in Docket Nos. E-7, Sub 1134 and E-7, Sub 1276, 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 1st day of July, 2024.



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