## STATE OF NORTH CAROLINA UTILITIES COMMISSION RALEIGH

DOCKET NO. G-9, SUB 698B

## BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of		
Application of Piedmont Natural Gas	)	
Company, Inc., for Approval of	)	FIRST PERIODIC REPORT OF LIGHTNING
Appendix F to its North Carolina	)	RENEWABLES, LLC
Service Regulations	)	
-	)	

NOW COMES LIGHTNING RENEWABLES, LLC ("Lightning"), by and through the undersigned counsel and pursuant to the Commission's *Order Approving Participation in Pilot Program with Conditions*, which was issued in Docket No. G-9, Sub 698, on February 6, 2023, and submits the following responses to the Commission's questions in Appendix A of the Commission's November 18, 2022 *Order Requiring Periodic Reports on Status of Renewable Natural Gas Projects and Opening New Docket*, as relevant to Lightning's renewable natural gas ("RNG") facility located at the Republic Services East Carolina Regional Landfill in Aulander, Bertie County, North Carolina ("the East Carolina RNG Facility"). Lightning respectfully requests that the Commission accept the following responses to the Commission's questions constituting this First Periodic Report of Lightning Renewables, LLC:

**Question 1.** Describe the types of RNG (landfill gas, swine waste, poultry waste, etc.), the percentage of each type of RNG, and the quantities and pressures of RNG to be supplied at all interconnection points and injection points (collectively, interconnection points).

**Response:** The East Carolina RNG Facility is designed to process RNG solely from landfill gas from the Republic Services East Carolina Landfill in Aulander, Bertie County, North Carolina.

**Question 2.** State the number of farms and other providers that have been contracted with to provide RNG.

**Response:** The East Carolina RNG Facility is designed to process landfill gas solely from the Republic Services East Carolina Landfill in Aulander, Bertie County, North Carolina.

**Question 3.** Provide the details of your plans for selling RNG, including: (a) The name(s) and location(s) of the buyers, (b) whether the buyer(s) will be end users of the RNG or will resell it to another entity, and (c) the manner in which the price of the RNG will be determined.

**Response:** Lightning plans to sell RNG produced at the East Carolina RNG Facility to one or more counterparties with experience in the transportation, storage and utilization of RNG that are customer(s) receiving natural gas service from Piedmont.

**Question 4.** Describe the status of any negotiations with Piedmont for entering into a receipt interconnect agreement (RIA), and state when you anticipate entering into a RIA.

Response: Lightning is in conversations with Piedmont regarding the terms and conditions of an RNG interconnection. Piedmont has completed initial pipeline modeling and evaluations and has confirmed that the receipt of the volume of gas to be produced at the East Carolina RNG Facility is technically feasible. Lightning and Piedmont are in discussions on an approximate location of the proposed interconnection location, subject to finalization through the Receipt Interconnection Agreement. Once details are finalized, Piedmont and Lightning will negotiate and execute the associated Receipt Interconnection Agreement.

**Question 5.** Describe the current construction status of your RNG facility.

**Response:** Lightning anticipates starting construction on the East Carolina RNG Facility within the next four to six weeks.

Question 6. State the projected date for commercial operation of your RNG facility.

**Response:** Subject to permitting, Lightning is planning for the East Carolina RNG Facility to enter commercial operation in Q4 2023.

WHEREFORE Lightning Renewables respectfully requests that the Commission accept this First Periodic Report of Lightning Renewables, LLC in compliance with the Commission's Order Approving Participation in Pilot Program with Conditions.

Respectfully submitted, this the  $\frac{27}{2}$  day of February, 2023.

/s/ Patrick Buffkin
NC Bar No. 44264
Buffkin Law Office
3520 Apache Dr.
Raleigh, NC 27609
(919) 971-2796
pbuffkin@gmail.com
Attorney for Lightning Renewables, LLC

## **VERIFICATION**

STATE OFVirginia			
COUNTY OFRoanoke	VERIFICATION		
I, Brian McCarthy, bein	ng first duly sworn, depose and say that I am the Director of		
Lightning Renewables, LLC ("I	Lightning"), and do hereby declare that I am duly authorized to act		
on behalf of Lightning, that	I have read the foregoing First Periodic Report of Lightning		
Renewables, LLC and that the	contents thereof are true and accurate to my personal knowledge		
and belief.			
This 27 th day of Febru	nary, 2023.		
	Brian McCarthy		
	Lightning Renewables, LLC		
Sworn to and subscribed before me this 27th the day of Yantary, 2023.			
Notary Public (signature)	Alexander Luis Marin (Notary Seal)  REGISTRATION NUMBER 7871785  COMMISSION EXPIRES August 31, 2024		
Alexander Luis Marin	Notarized online using audio-video communication		
Notary Public (printed)			

My commission expires \_\_\_\_\_08/31/2024

## **CERTIFICATE OF SERVICE**

I hereby certify that a true and accurate copy of the foregoing FIRST PERIODIC REPORT OF LIGHTNING RENEWABLES, LLC, has been duly served upon the parties listed in the Commission's service list by electronic mail.

This the \_\_\_ day of February, 2023.

**BUFFKIN LAW OFFICE** 

BY: /s/ Patrick Buffkin

Attorney for LIGHTNING RENEWABLES, LLC