



MEMORANDUM

DATE: May 7, 2024
TO: Commissioners Hudson, Towell, and Bagot
FROM: David Essah, Director
RE: Approved Eligible Biogas Infrastructure Projects

Commissioners:

As required by Enactment Clause 3 from [Chapter 728](#) of the 2022 Acts of Assembly, the Staff provides the following report of approved eligible biogas supply infrastructure projects and the available data on the methane and carbon dioxide equivalent emissions from such approved projects:

Roanoke Gas Company ("RGC") – Case No. [PUR-2022-00125](#) – Western Virginia Water Authority Anaerobic Digester Gas Facility in Roanoke, VA (Approved)

- **Case No. [PUR-2023-00095](#) – RGC Rider RNG Update:** RGC reported in this proceeding that the facility had been operational for 31 days at the time of filing and that during this period the renewable natural gas ("RNG") system was operational for a total of 137.8 out of a possible 744 hours. Out of the 137.8 hours of uptime for the RNG system, RNG was injected into the pipeline for a total of 85 hours which resulted in 519 MT CO_{2e} (metric tons of CO₂ equivalent emissions), with an overall reduction of 663 MT CO_{2e} compared to the baseline. Copies of a "GHG Emissions Calculations" document along with a "GHG Inventory Tool" are attached to RGC's Application in this proceeding as Attachments 2 and 3, respectively.

Washington Gas Light Company – [PUR-2023-00220](#) – Prince William County Landfill Biogas Production Facility in Prince William County, Virginia (Pending approval)
