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Air Liquide Renewable Natural Gas Plant Center Township, Indiana County Notice of Informational Meeting

The Indiana County Development Corporation (ICDC) is coordinating efforts with Air Liquide Advanced Technologies U.S. LLC to host an informational meeting with company representatives and local residents regarding the renewable natural gas (RNG) production facility proposed at the 119 Business Park – Lot 2, located in Center Township, Indiana County, PA.

The informational meeting will be held on Monday, September 11, 2023 beginning at 6:00 pm at the Our Lady of the Assumption Parish, Social Hall, 2434 Neal Road, Coral, PA 15731. Company representatives of Air Liquide will make a presentation on operational and safety processes and answer questions from the public.

The development of renewable natural gas (RNG), also known as biomethane, is produced through the processing and purification of biogas and interchangeable with conventional natural gas. Air Liquide has signed an interconnection agreement with Peoples Natural Gas to inject RNG produced at the plant into its pipeline system for delivery to residential and commercial customers.

Biogas is a type of gas produced by the decomposition of organic biomass including agricultural and household waste through a process called anaerobic digestion, which occurs in an oxygen-free environment. Biogas is primarily composed of methane and carbon dioxide and a greenhouse gas when emitted into the atmosphere.

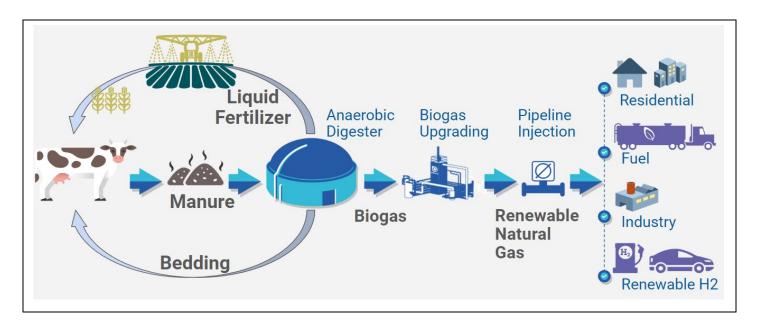
The plant will receive dairy waste (cow manure) from approximately 18 - 20 partnering farmers who will receive a quarterly cash payment for the value they help create for the project. To produce biogas, the waste must be pumped into airtight containers called anaerobic digesters to protect it from oxygen. The decomposition process occurring inside the sealed environment creates biogas, which is then purified into RNG within the plant's closed system.

In addition to generating revenue, participating farmers will benefit from improved waste management and significant cost savings. The treated solids will be returned to the farmers as cow bedding and liquids will be returned as fertilizer for their crops.

A world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 73 countries with approximately 67,100 employees and serves more than 3.9 million customers and patients. Air Liquide employs more than 20,000 people in the U.S. at nearly 1,400 locations and plant facilities, including sites in Monroeville, Upper Mount Bethel and Radnor. Air Liquide has developed competencies throughout the whole RNG value chain, from biogas production from waste, to its purification into biomethane, liquefaction, storage, and transportation to distribution.¹

Supplemental Information

Anaerobic Digestion Ecosystem



Air Liquide - Informational Video

https://tinyurl.com/4pf4kmbw



Notes:

(1) https://usa.airliquide.com/innovation-technology/technology/biogas

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