

Ville neuss lg chem

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Air Liquide will invest around 150 million US dollars to expand its production capacity and pipeline network in Tennessee, U.S., in the context of a new long-term contract with LG Chem. Supplying oxygen to LG Chem's future cathode active material plant, the Group will be supporting the growth of the battery ecosystem in the United States. This investment will increase the Group's footprint in a key region and support the development of its Industrial Merchant market.

Triggered by LG Chem's new need for oxygen at their future cathode active material manufacturing plant for lithium-ion electric vehicle batteries, Air Liquide is investing 150million US dollars to build, own and operate a second ASU, liquefier, storage and a pipeline at its Airgas production facility located in Clarksville, Tennessee.

This investment reflects how the Air Liquide group is solidly positioned to accompany its customers in the new Energy Transition markets, including the structurally growing battery manufacturing sector. The number of electric cars globally is expected to more than triple by 2030[1].

As part of this investment, the expansion of the Airgas facility, first inaugurated in 2013, is expected to be commissioned in 2027. It will produce additional oxygen, nitrogen and argon enabling the Group to seize growth opportunities, and ensure a better density coverage of the region with a reliable supply to industrial, healthcare, pharmaceutical, food production, water treatment and other customers throughout Kentucky and Tennessee. The Group will leverage electricity from renewable sources to produce and make low-carbon products available to customers.

Airgas(R), an Air Liquide company, is a leading U.S. supplier of industrial, medical and specialty gases, as well as hardgoods and related products; one of the largest U.S. suppliers of safety products; and a leading U.S. supplier of ammonia products and process chemicals.

Airgas helps its more than 1 million customers advance their business performance and reach their full potential with reliable products, services and expertise used to create, build, care, serve and sustain. With nearly 18,000 associates, over 1,400 locations, a robust eBusiness platform, and Airgas Total Access(R) telesales channel, Airgas is ready to help customers fill their potential, every day.

As an Air Liquide company, a world leader in gases, technology and services for Industry and Health, Airgas offers customers an unrivaled global footprint and industry-leading technology and innovations.

The deal announced Wednesday builds on and adds new details to an agreement GM and LG chem forged in 2022 as the automaker worked to secure the supply of critical materials for EV production.

The companies highlighted the deal's impact on the domestic EV and battery supply chain as the auto industry works to comply with domestic EV material supply requirements for subsidies under the Inflation Reduction Act.

LG Chem said in the release it "aims to bolster cooperation with GM in the North American market" by using the South Korea-based chemical supplier's upcoming cathode plant in Tennessee as a "production hub for the global battery material market." The company plans to begin supplying GM with cathode materials -- which include nickel, cobalt, manganese and aluminum -- once the plant goes into production in 2026.

Construction on the plant began in December. LG Chem calls it the largest in the country, with a planned annual production capacity of 60,000 tons. The materials made there will be used primarily by Ultium Cells, a joint venture between GM and LG Chem spinoff LG Energy Solution.

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