

European Solar and Energy Storage Solutions

Lucid energy storage Mexico



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Lucid Energy Group LLC

Lucid Energy Group is the largest privately held natural gas processor in the Permian Basin, providing the full range of gas midstream services to more than 50 customers in New Mexico and West Texas. Lucid is supported by growth capital commitments from a joint venture formed by Riverstone Global Energy and Power Fund VI LP, an investment fund ...

Major CCS project given the green light in New Mexico

Plans for a major carbon capture and storage project in Lea County, New Mexico, have been given the green light by the US Environmental Protection Agency (EPA). Lucid Energy Group is behind the project that will ...



In Leveraging Region's Sour Gas, Proposed CCS Project ...

Gas processor Lucid Energy is moving forward with a plan to inject a mix of carbon dioxide and hydrogen sulfide deep below New Mexico's portion of the Permian Basin. The project is designed to keep injecting for 30 ...

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The Carbon Utilization and Storage

Lucid Energy Group: Carbon Utilization and Storage Partnership of the Southwest Project
Field-centric NMT Institute: New Mexico Tech PI:
George El-Kaseeh (George.El-kaseeh@nmt) CCS at the Iron Mountain Iron Mine and Direct Reduced Iron Processing Plant, Southern Utah
Field-centric UU

Energy Storage Business Could Earn \$22.8 Billion for Lucid ...

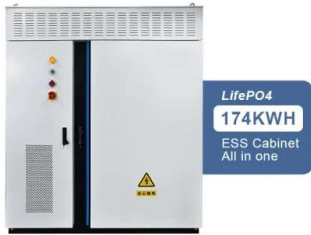
Like Tesla, Lucid Group is eyeing Energy Storage Systems (ESS) for commercial, utility-scale markets, and home use. The Lucid Group has a pilot program where they are testing their battery storage capabilities. Right now they are testing their ESS with a small solar farm that is on The Lucid Group HQ. If the Lucid Group can get past their ESS



Lucid Motors sees a second life for its EV batteries in energy storage

The battery-cell modules that power Lucid's vehicles are identical to the ones that will be

used for energy storage, making them well-suited for "second-life" purposes, according to the company.



Lucid Energy Group Receives Milestone Approval from EPA, Plans ...

Lucid Energy Group is the largest privately held natural gas processor in the Permian Basin, providing the full range of gas midstream services to more than 50 customers in New Mexico and



Lucid Energy Group Carbon Utilization and Storage ...

o Lucid is the leading pure -play and fastest growing natural gas gathering & processing midstream company in the Delaware Basin serving the most active upstream companies in the lower 48 o With 1,160 MMcf/d in current processing capacity, Lucid operates the largest processing system in New Mexico and will soon be the largest

Lucid Motors looks to challenge Tesla in residential, utility-scale

At the end of the vehicle's life, modules can be mixed and matched in a stationary energy storage system. The Lucid Air is one of the first

cars built to support bidirectional charging, allowing

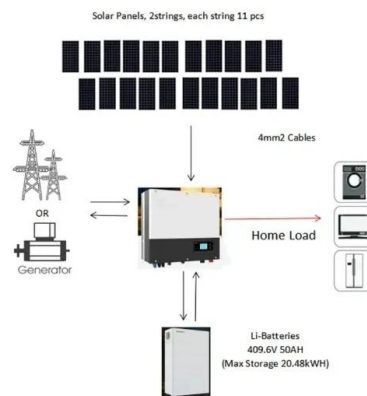


EPA Approves Lucid's Plans to Develop Carbon Capture and Secure Storage ...

The MRV plan documents Lucid's means of safely ensuring permanent carbon capture and storage (CCS) of CO₂ removed from the natural gas stream during the processing and treating of natural gas from its customers.

Lucid Energy advances plan to develop Permian's largest CCS ...

Lucid Energy Group is moving forward with plans to develop what will become the Permian basin's largest carbon capture and sequestration (CCS) project at the operator's northern Delaware basin



EPA approves Lucid plan for CCS project from Red Hills complex

The carbon capture and sequestration project will permanently store emissions in existing and permitted disposal wells. One of the largest private midstream operators in Permian Basin, Lucid has 2,000 miles of pipeline, 150,000 hp



compression, and 1.2 Bcf of gas processing capacity in operation or under construction.

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Lucid Energy Group Receives Milestone Approval from EPA, ...

Lucid Energy Group, a major player in the Permian Basin, announced the U.S. EPA approved the company's previously submitted monitoring, reporting and verification ("MRV") plan to sequester carbon dioxide ("CO2") from its Red Hills gas processing complex in Lea County, New Mexico. The plan, following subsequent approval by the Internal



Lucid Energy Group Carbon Utilization and Storage ...

o With 1,160 MMcf/d in current processing capacity, Lucid operates the largest processing system in New Mexico and will soon be the largest gas processor in the Delaware Basin o

Since Q1 2018, Lucid has grown throughput on the system from ~320 MMcf/d to ~1,115 MMcf /d (~52% CAGR) (1) o Lucid commissioned Red Hills V in November 2020



New Mexico Plans for Carbon Capture and Storage Project

Carbon dioxide (CO₂) will be sequestered from Lucid Energy Group's Red Hills gas processing complex (see Major CCS project given the green light in New Mexico). CCS projects have the potential to cause induced seismic events and highlight the need for accurate seismic monitoring.

Lucid Energy to develop largest Permian Basin CCS project

Lucid Energy Group has received EPA approval to capture and store CO₂ from its Red Hills gas processing complex in Lea County, New Mexico. The plan, following subsequent approval by the Internal Revenue Service, will provide section 45Q tax credits for the sequestration and permanent storage of CO₂ in Lucid's existing and permitted disposal



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