



# Vidalia Active Anode Material Facility

Louisiana, United States

0 KTPA

AAM Production Capacity (45KTPA AAM Production Capability Under Evaluation)

0 \$/kg

Operating Cost

0kg

CO2 eq. per kg AAM



Syrah aims to be the first major integrated ex-China producer of natural graphite active anode material for electric vehicle batteries. Syrah's initial downstream position is a large-scale, vertically integrated AAM production facility in Vidalia, Louisiana that will supply the US battery supply chain.



Vidalia Active Anode Material Facility

Port of New Orleans

At Vidalia, Syrah is operating a large-scale facility with an initial production capacity of 11.25ktpa AAM. The 11.25ktpa AAM facility at Vidalia commenced production in Q1 2024. The majority of production will be purchased under offtake by a tier 1 integrated battery manufacturer and auto OEM.

A definitive feasibility study on a subsequent further expansion of Vidalia's production capacity to 45ktpa AAM ("Vidalia Further Expansion") on its 38-acre site confirmed that the expansion project is

technically viable, financially robust and is expected to deliver significant value. Syrah is progressing development activities and offtake agreements to prepare the Vidalia Further Expansion project for FID readiness. Financing considerations will determine FID timing.



## Purification Area



## Key Features

- **Location:** Vidalia, Concordia Parish, Louisiana, United States



- **Land size:** 38 acres
- **Value add processing:** Milling, purification and surface treatment
- **Production capacity:** 11.25ktpa AAM
- **Operating costs:** \$4.30-4.80 per kilogram AAM
- **Capital costs:** \$317 million
- **Product:** 18-micron coated purified spherical graphite
- **Global Warming Potential (Scope 1, 2 & 3):** 7.3 kg CO2 equivalent per kg AAM (Balama origin to representative Vidalia AAM customer locations)

## Vidalia Proposition





## Timeline

- **Apr 2016:** Pilot test work program initiated in China (milling and purification)
- **Nov 2016:** Announced strategy to establish commercial scale facility in Louisiana
- **Aug 2018:** Completed purchase of Vidalia site
- **Jul 2020:** First production of purified spherical graphite to battery specification
- **Dec 2020:** BFS confirms robust economics for large scale active anode material production
- **Dec 2021:** Tesla offtake agreement executed
- **Feb 2022:** Final investment decision for initial expansion of Vidalia
- **Jul 2022:** Binding commitment from US Department of Energy for loan of US\$102 million
- **Oct 2023:** Start of unpurified spherical graphite production from 11.25ktpa AAM facility
- **Feb 2024:** Start of AAM production from 11.25ktpa AAM facility
- **Jan 2025:** US\$165m IRA Section 48C tax credit award for the Vidalia Further Expansion project



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