

Stellantis, Controlled Thermal in lithium hydroxide deal

June 2 2022, by Michelle Chapman



In this file photo taken on Jan. 19, 2021, the Stellantis sign is seen outside the Chrysler Technology Center, in Auburn Hills, Mich. Automaker Stellantis has reached a deal to have Controlled Thermal Resources Ltd. supply battery-grade lithium hydroxide for its electric vehicles in North America. Credit: AP Photo/Carlos Osorio, File

Automaker Stellantis has reached a deal to have Controlled Thermal Resources Ltd. supply battery-grade lithium hydroxide for its electric vehicles in North America.

CTR will supply Stellantis, the company that combined PSA Peugeot and Fiat Chrysler, with up to 25,000 metric tons per year of lithium hydroxide over the 10-year term of the agreement.

CTR will produce battery grade lithium hydroxide and [lithium carbonate](#) along with [geothermal energy](#) in California with a resource production capacity in excess of 300,000 metric tons per year.

"Ensuring we have a robust, competitive, and low-carbon lithium supply from various partners around the world will enable us to meet our aggressive electric vehicle production plans in a responsible manner," Stellantis CEO Carlos Tavares said in a statement on Thursday.

Last month the Biden administration announced [\\$3.1 billion in funding](#) to U.S. companies that make and recycle lithium-ion batteries. It's part of the administration's ongoing push to dramatically boost sales of [electric vehicles](#).

The new program will offer grants to companies that process or recycle battery components. The grants are intended to help strengthen U.S. energy independence and support Biden's goal to have electric vehicles make up half of all vehicles sales in America by 2030.



Rod Colwell, CEO of Controlled Thermal Resources, right, and Tracy Sizemore, the company's Global Director of Battery Materials, walk along geothermal mud pots near the shore of the Salton Sea, where the company is mining for lithium, in Niland, Calif., on, July 15, 2021. Automaker Stellantis has reached a deal to have Controlled Thermal Resources Ltd. supply battery-grade lithium hydroxide for its electric vehicles in North America. Credit: AP Photo/Marcio Jose Sanchez, File

In November Stellantis announced that it secured a five-year supply of battery-grade lithium hydroxide in Europe to support its plans to convert to 98% electrified vehicles by 2025. Stellantis signed a binding agreement with Vulcan Energy Resources Ltd. in Germany. Vulcan will supply between 81,000 metric tons and 99,000 metric tons of lithium hydroxide over the five-year term of the agreement.

© 2022 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: Stellantis, Controlled Thermal in lithium hydroxide deal (2022, June 2) retrieved 28 May 2024 from <https://techxplore.com/news/2022-06-stellantis-thermal-lithium-hydroxide.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.