

Fulcrum BioEnergy Completes Waste-to-Biofuel Facility in Nevada

In July 2021, Fulcrum BioEnergy Inc., a waste-to-fuel company based in California, announced the completion of the Sierra BioFuels Plant, a commercial-scale facility that will convert municipal solid waste (MSW) into renewable aviation fuel, diesel fuel, and renewable gasoline in Reno, Nevada.



The new facility has the capacity to convert 175,000 tons of MSW into 11 million gallons of syncrude, which would then be upgraded to a drop-in transportation fuel that can be used for planes, cars, and trucks. Fulcrum BioEnergy has entered into fuel offtake agreements with BP, United Airlines, Cathay Pacific, Japan Airlines, World Fuel Services and Marubeni. Fulcrum BioEnergy's future programs will particularly focus on supplying the airline industry with zero-carbon aviation fuel.

Start-up and commissioning on the plant is in progress and Fulcrum BioEnergy will start fuel production in the final quarter of 2021. Fulcrum BioEnergy has identified eight more locations in the United States that have the capacity to produce over 400 million gallons of transportation fuel every year.



Figure 1: Sierra BioFuels Plant in Reno, Nevada

Fulcrum BioEnergy's next project is the Centerpoint BioFuels Plant in Gary, Indiana. The Gary biorefinery site will have three times the capacity of the Reno facility, producing approximately 35 million gallons of transportation fuel annually.

For more information, please visit www.fulcrum-bioenergy.com

Source:

<https://renewablesnow.com/news/fulcrum-bioenergy-wraps-up-waste-to-biofuel-facility-in-nevada-747118/>
<http://biomassmagazine.com/articles/18132/fulcrum-bioenergy-completes-construction-of-sierra-biofuels-plant>

Photos:

<https://fulcrum-bioenergy.com/facilities/>