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Joule Plants: Heading for Scale

Joule is advancing towards commercial deployment, following more than two years of pilot testing and the initiation of demonstration-scale operations in Hobbs, New Mexico. The catalysts, systems and processes undergoing optimization in Hobbs will form the fully-validated blueprint for future commercial plants, representing an entirely new generation of above-ground fuel wells. At full-scale commercialization, a 10,000 acre Joule plant will represent a reserve value of 50 million barrels of solar-derived fuel, equivalent to a medium-sized oil field.

Joule plants are uniquely characterized by:

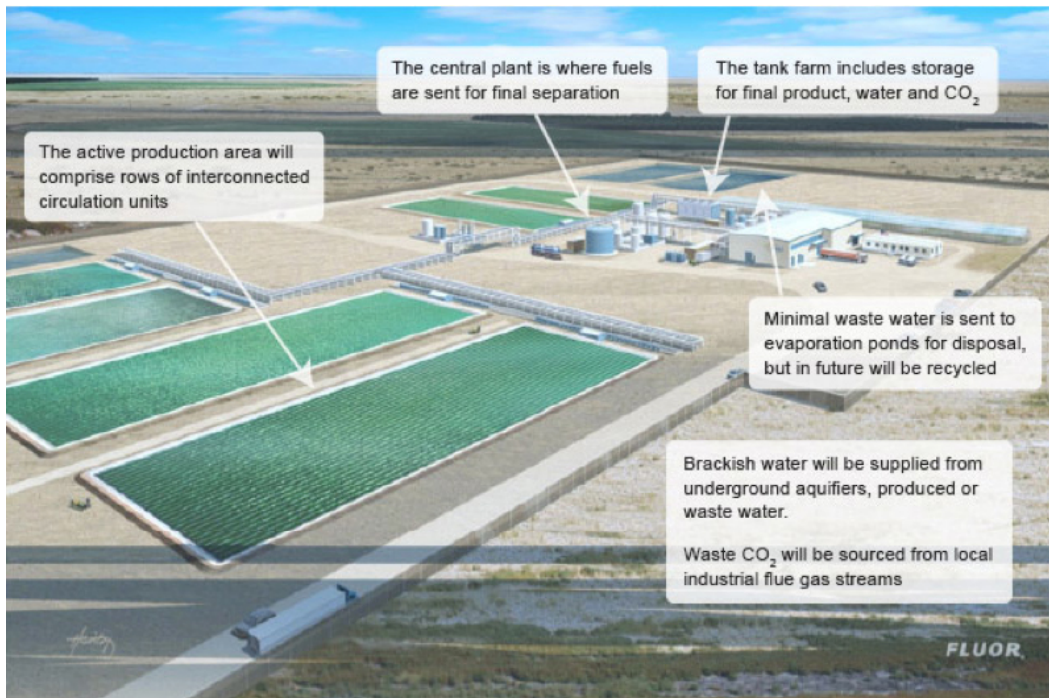
- Suitability for deployment worldwide, including 1,000+ sites that have already been identified
- Vertically integrated production, from catalyst construction through product collection and finishing
- Ease of roll-out and expansion, made possible by a scalable, modular production system
- Co-location with industrial CO₂ emitters for value creation from waste streams
- Ability to make use of arid land for sustainable fuel and chemical production

Hobbs Plant Photo Gallery





Anatomy of a Joule Plant



Overview

How it Works

Joule Plants

Products

Accolades

Contact Us

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