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Title: Collaboration on 80kWh of Foldable Containers for Oil Refineries

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What is Kern energy's first-in-kind hydrogen reclaim project?

Building on its 90-year history as a renewable fuel pioneer producing California gasoline and diesel, Kern Energy is spearheading this first-in-kind project that will reclaim, store and utilize co-produced hydrogen.

What is a traditional refinery?

A traditional refinery is a high-capacity crude oil refinery constructed at a site involving various processing units to produce and meet high-quality petroleum products, such as high-octane gasoline, aviation or jet fuel, and ultra-low sulfur diesel.

What is a modular refinery?

Our commitment to quality and safety is unparalleled in the industry. A modular refinery is a prefabricated processing plant designed to distill crude oil into straight run gasoline, kerosene, diesel, fuel oil, and off-gas using a crude distillation unit (CDU).

Where can I find more information about Kern energy?

For more information, please visit and follow us on LinkedIn. Based in Connecticut, HyAxiom, Inc. is a leading global fuel cell and hydrogen solutions provider enabling reliable, cost-competitive and carbon-free energy sources for industrial and commercial uses.

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Building on its 90-year history as a renewable fuel pioneer producing California gasoline and diesel, Kern Energy is spearheading this first-in-kind project that will reclaim, ...

In an oil market where capital prudence, emissions scrutiny and demand uncertainty now eclipse economies of

scale, modular ...

These case studies are meant to estimate each technology's relative techno-economic effectiveness at helping oil and gas ...

"This collaboration marks a significant milestone in the pursuit of advancing clean energy technologies and revolutionizing H₂ storage at ambient conditions in the energy ...

In an oil market where capital prudence, emissions scrutiny and demand uncertainty now eclipse economies of scale, modular refineries offer a repeatable playbook: ...

A modular gas-to-liquids plant is an emerging solution to end gas flares at oil and gas wells. These plants are low-cost and scalable.

"This collaboration marks a significant milestone in the pursuit of advancing clean energy technologies and revolutionizing H₂ storage ...

Set up modular refineries with help from Amerisource Energy. We do everything from modular refinery design and engineering to installation and maintenance.

Here, two operators have received state permits to build small, modular refineries to process the light, sweet crude from shale formations with emissions that are roughly 95 ...

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Refinery operations are energy-intensive processes that rely on fossil fuel-based energy generation. However, the shift towards a decentralized and sustainable refining model ...

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