

# Coastal Prairie Hydrogen

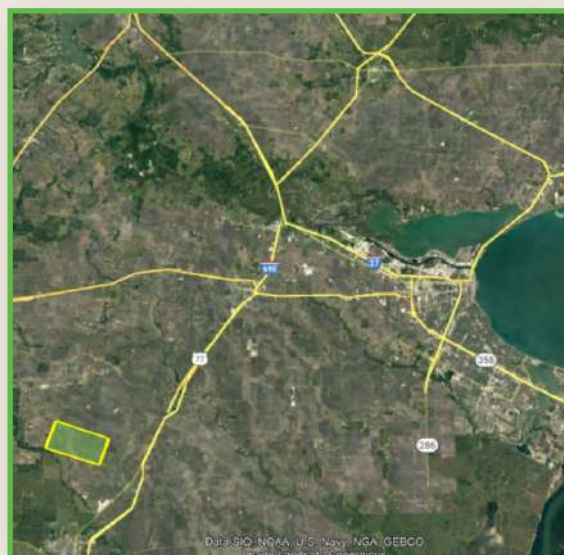
A 30 tonnes per day green hydrogen facility to decarbonize hard-to-abate sectors

NovoHydrogen (“Novo”) is actively engaging with customers interested in decarbonization to purchase long-term fixed volumes of green electrolytic hydrogen at the most cost effective price from our hydrogen production facility near Corpus Christi, Texas, called Coastal Prairie Hydrogen. The project will qualify for the full \$3/kg H<sub>2</sub> Production Tax Credit (“PTC”) outlined in Section 45V of the tax code in the Inflation Reduction Act (“IRA”).

Green hydrogen can be used in a variety of different applications: replacing existing fossil-based hydrogen, replacing fossil fuels to produce heat / steam or for combustion, providing backup power, replacing fleets with zero-emission hydrogen-fueled alternatives, and bridging the intermittency of renewable resources with dispatchable hydrogen.

## Project summary

NovoHydrogen expects to own and operate a green hydrogen production facility near Corpus Christi, TX on ~2,000 acres serving regional hydrogen demand. The project will produce green hydrogen via electrolysis and will cater to various customers under a long-term HPA, for which we are currently securing offtake with industrial (steel, chemicals, refining, etc.), heavy-duty transport, and power generation customers.

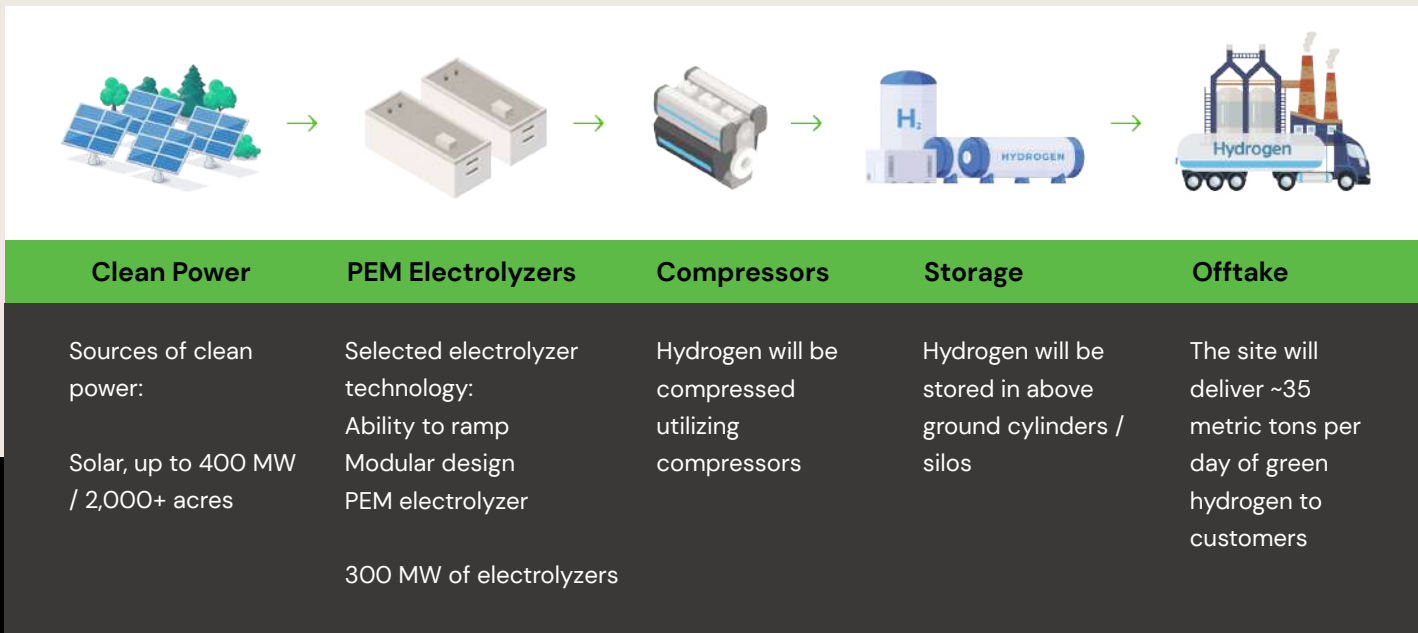


## Project details

<b>Facility location:</b>	30 miles southwest of Corpus Christi
<b>Facility concept:</b>	~2,000 acre production facility serving regional hydrogen demand
<b>Hydrogen production:</b>	Up to 35 metric tons per day (~148,155 CCF per day or ~4,704.3 MMBTU (HHV) per day)
<b>Source of power:</b>	Up to 400 MW of behind-the-meter solar power generation
<b>Commercial status:</b>	Securing customer offtake
<b>Expected Commercial Operations Date:</b>	2027

The green hydrogen project is strategically located near Corpus Christi, accessing abundant renewable energy resources and large industrial demand. Novo is currently negotiating green hydrogen supply agreements with customers in the surrounding area. Novo can offer up to 35 metric tons of H2 per day of zero-carbon hydrogen. Novo provides the cheapest, cleanest, and most resilient supply of green hydrogen to its offtakers, which qualifies for the full 45V hydrogen PTC. We have site control for approximately 2,000 acres and the project has strong local support from the landowners and County Commissioners as this project is expected to support economic development and job creation.

**Coastal Prairie Hydrogen still has excess capacity available to serve your hydrogen needs. Please reach out to [lexi@novohydrogen.com](mailto:lexi@novohydrogen.com) for more sales information and [jharris@novohydrogen.com](mailto:jharris@novohydrogen.com) for landowner or project information.**



## Impact

### ✓ GHG Emissions and Pollution Reduction

The project will reduce CO2 emissions and improve local air quality.

### ✓ Community Engagement

The Novo team plans to engage with academic institutions, public officials, environmental justice groups, labor unions, and other community engagement organizations to provide full transparency for the project to ensure it benefits the community.

### ✓ Job Creation

The project is expected to create at least 100 temporary construction jobs and multiple high-paying long-term operational jobs for the surrounding community.

### ✓ Environmental Justice

NovoHydrogen intends to hire and engage a diverse workforce and equitably allocate project benefits to underserved communities.

## About NovoHydrogen

NovoHydrogen (“Novo”) is a green hydrogen project developer, based in the U.S., with decades of combined renewable energy development and oil and gas experience throughout North America. The team brings this expertise to the difficult-to-decarbonize industrial, transportation, and power sectors through the development and supply of green hydrogen. Novo focuses on origination, procurement, project development, financial structuring, construction, and operations of renewable hydrogen projects. NovoHydrogen provides both onsite and offsite green hydrogen production solutions. Novo can help generate hydrogen where a customer needs it with an on-site electrolyzer powered by renewable energy. Novo also leverages the scale of off-site green hydrogen projects to deliver hydrogen reliably to the site of any customer’s operations.