

Corpus Christi Hydrogen Projects

Two facilities producing up to 155 metric tons per day collectively of green hydrogen to decarbonize

NovoHydrogen (“Novo”) is actively engaging with customers interested in decarbonization to purchase long-term volumes of green electrolytic hydrogen via a hydrogen purchase agreement (HPA) at the most cost-effective price from our hydrogen production facilities near Corpus Christi, Texas, called Coastal Prairie Hydrogen and Los Robles Hydrogen. These projects will qualify for the full \$3/kg H₂ Production Tax Credit (PTC) outlined in Section 45V of the tax code in the Inflation Reduction Act.

Green hydrogen can be used in a variety of different applications: replacing existing fossil-based hydrogen, 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 two green hydrogen facilities near Corpus Christi, Texas, on ~4,500 combined acres serving regional hydrogen demand. The projects will produce green hydrogen via electrolysis and will cater to various customers under a long-term Hydrogen Purchase Agreement (HPA), for which we are currently securing offtake with industrial (steel, chemicals, refining, etc.), heavy-duty transport, and power generation customers.

Project details

The green hydrogen projects are 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 75 – 80 metric tons of H₂ per day of green hydrogen from each facility. Novo provides the cheapest, cleanest, and most resilient supply of green hydrogen to its offtakers, which qualifies for the full 45V hydrogen PTC.

Coastal Prairie Hydrogen and Los Robles Hydrogen still have excess capacity available to serve your hydrogen needs. Please reach out to coastalprairie@novohydrogen.com or losrobles@novohydrogen.com for sales or project information.

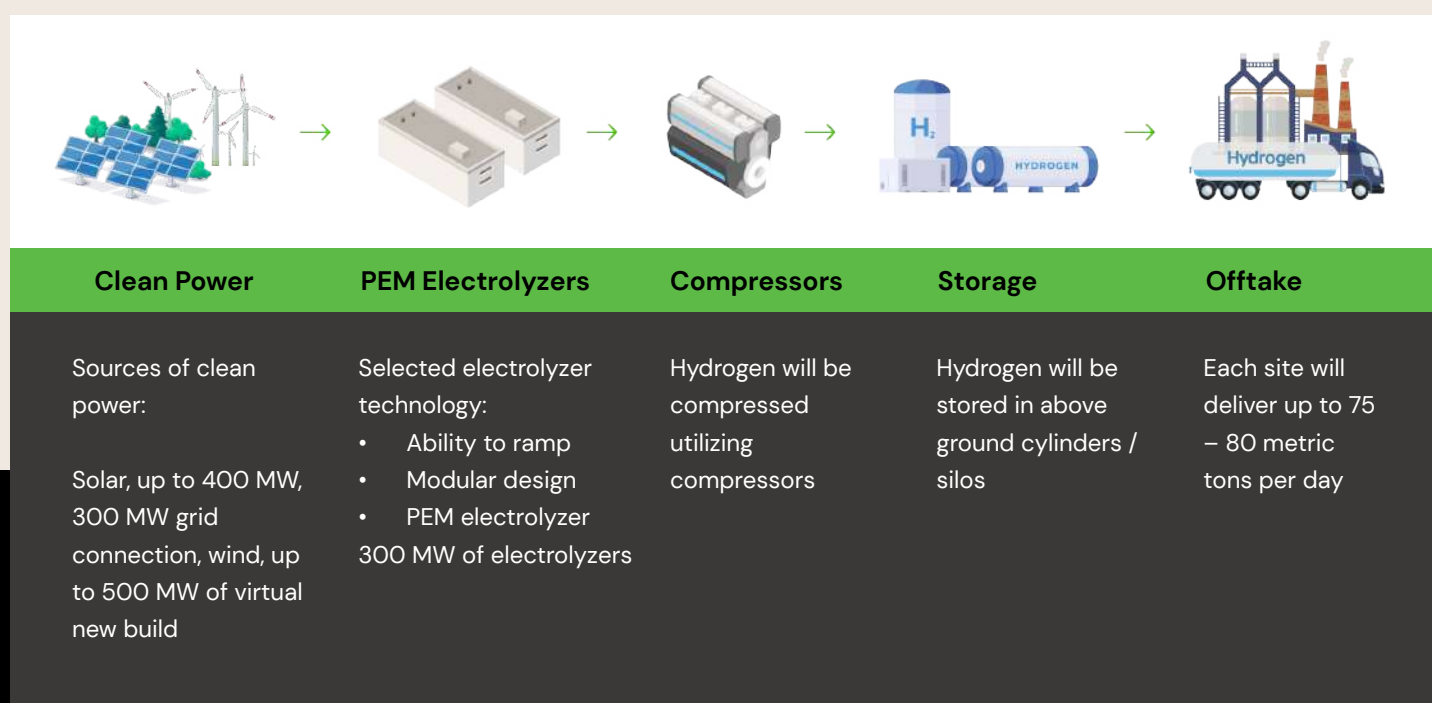


Coastal Prairie

Facility location:	30 miles southwest of Corpus Christi
Facility concept:	~2,000 acre production facility serving regional hydrogen demand
Hydrogen production:	Up to 75 metric tons per day
Source of power:	Up to 400 MW of behind-the-meter solar power generation and 300 MW grid connection supported by 500 MW of virtual new build wind generation
Commercial status:	Securing customer offtake and finalizing site control
Expected Commercial Operations Date:	2028

Los Robles

Facility location:	~30 miles west of Corpus
Facility concept:	~2,500 acre production facility serving regional hydrogen demand
Hydrogen production:	Up to 80 metric tons per day
Source of power:	Up to 400 MW of behind-the-meter solar power generation and 300 MW grid connection supported by 500 MW of virtual new build wind generation
Commercial status:	Securing customer offtake
Expected Commercial Operations Date:	2028



Impact



✓ GHG Emissions and Pollution Reduction

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



✓ Job Creation

Each project is expected to create at least 100 temporary construction jobs and multiple high-paying long-term operational jobs for the surrounding community. NovoHydrogen will be executing a Project Labor Agreement and paying prevailing wage rates.



✓ 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 projects to ensure they benefit the 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.