Green Hydrogen at Work™

Plug's Hydrogen Storage & Dispensing Solutions for Material Handling



The Leading, Reliable Provider of Green Hydrogen

Plug Power is the leading user of liquid hydrogen with the world’s largest fueling station footprint.

We provide effective and reliable end-to-end green hydrogen solutions that allow customers to seamlessly integrate hydrogen, operate sustainably and efficiently.

Green hydrogen, which is produced using renewable sources, has the lowest carbon intensity of any fuel. That’s why Walmart and Amazon chose us to decarbonize their operations.

We've earned the trust of more than 100 companies and we’re ready to gain your trust too.







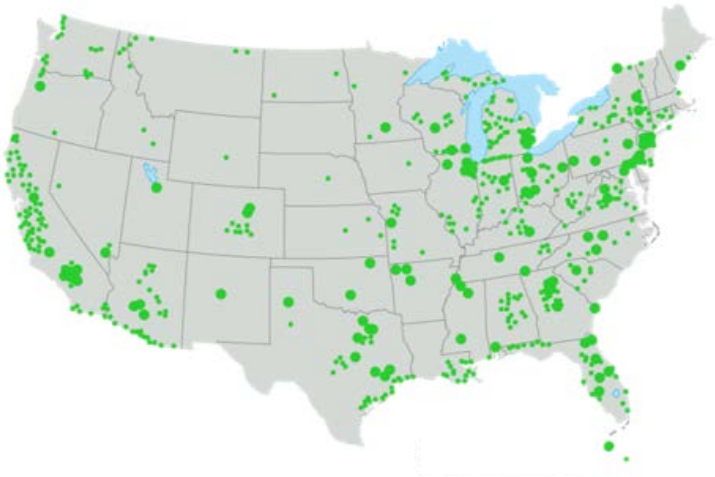
Plug Makes Green Hydrogen Easy!

Plug takes care of all your hydrogen needs. We have modular, scalable solutions for all forklift fleet sizes.

The three main components of Plug's onsite hydrogen infrastructure at a material handling site include:

- Hydrogen delivery from Plug's green hydrogen production facility or onsite electrolyzers
- Onsite hydrogen storage as liquid or gas
- Hydrogen dispensers to refill forklift hydrogen tanks

Plug Refueling Infrastructure for MHE and Stationary Customers



Plug Makes Green Hydrogen Available 24/7

Hydrogen 24/7: Plug's network of hydrogen production plants and delivery system ensures that customers never run out of fuel to power their operations.

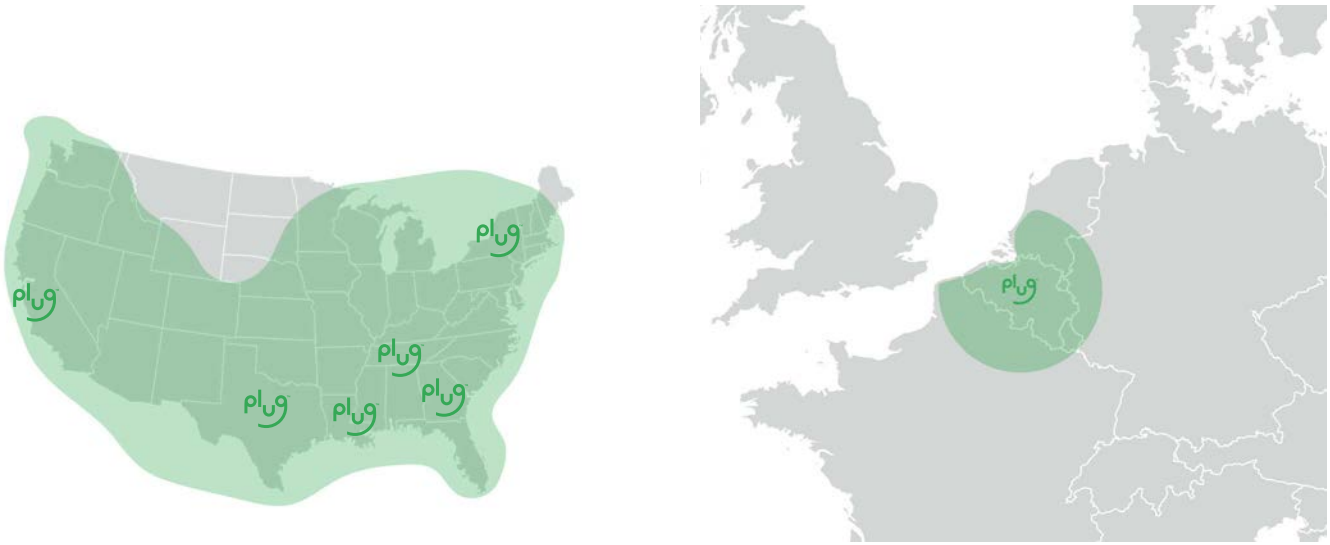
High-Efficiency Liquefaction: Plug liquefies hydrogen at a temperature below -400°F with an ultra-low energy consumption twin-expander refrigeration process.

Optimized Liquid Hydrogen Delivery and Onsite Refill: Plug's innovative Cryogenic trailers and mobile storage equipment ensures on-time delivery and refills with minimal losses. Liquid delivery of hydrogen ensures more hydrogen per trip, and consequently more savings.

Benefits:

- Force majeure resilient and 24-hours delivery in the U.S.
- Cost savings due to high-energy efficiency across production, liquefaction and delivery
- Lowest carbon intensity fuel to meet decarbonization goals

Plug's Green Hydrogen Plants Planned for Quick Customer Delivery



Hydrogen production plants and accessibility to customer (subject to change)



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Plug Dispenses Green Hydrogen

With over 450+ dispensers and 60000+ fuel cells, Plug has built the largest network of refueling stations in the world.

Benefits:

Compatibility

Fuel dispensers can be constructed in new or existing facilities, without disruption of operations.

High Productivity

One dispenser substitutes dozen of battery chargers and can service up to 50-100 trucks per day.

Space and Labor savings

Due to fast fills, Hydrogen dispensers help get rid of huge battery rooms and labor to maintain batteries.

Time Savings

Real-time monitoring and perfect integration with Plug Fuel cells for material handling to help operators track the fuel cell performance.

Safety and Reliability

In addition to meeting the latest hydrogen fueling regulations, Plug dispensers offer added safety features to prevent operator errors.



RG-350B Fuel Dispenser Specifications	
Dispenser Nozzle Type*	WEH TK16 H_2
Operating Pressure	350
Operating Temperature	32° to 104° F / 0° to 40° C
Temperature Compensated Fills	Integrated
Byproduct Water Removal	Integrated
Live Reporting and Monitoring	Integrated
Outdoor Operation	Optional
RFID Communication	Optional
Fill Time	1 kg per minute
Footprint	24” to 36” / 609mm x 915mm

* - In accordance to SAE J2600

Why Plug?

- Plug makes adoption of hydrogen a seamless and easy experience for customers.
- Plug provides green hydrogen 24 hours a day and is force majeure resilient.
- The simple hydrogen fueling process is very similar to fueling a car.
- The tedious, unproductive battery changing task is an activity of the past.
- Hydrogen is no longer a fuel of the future — it's powering global operations today.

Contact us:

Corporate Headquarters
968 Albany Shaker Road,
Latham, NY 12110
518.782.4004
gendrive@plugpower.com