



PROJECT TYPE
On-Site Generation



LOCATION
West Jefferson, OH



INDUSTRY SERVED
Retail



AREA SERVED
West Jefferson, OH



USE APPLICATIONS
Hydrogen Generation



EQUIPMENT
2 x Dispensers
Tube Trailers
H200 Generator
Legacy 2 x PTG-50, 2 x PTC-50, 2 x OCS-50



PRODUCTION CAPACITY
Current: 150 kg per day
Future: 350 kg per day



OWNERSHIP TERMS
OneH2 Owned



STATUS
Online

OVERVIEW

This national hardware distributor and retailer currently operates a generation system capable of producing approximately 150 kg of hydrogen per day at this facility. To meet the increasing demand for hydrogen, OneH2 is undertaking an upgrade of the West Jefferson location. The upgrade will add an additional 200 kg per day production capacity. The hydrogen produced at the West Jefferson facility plays a vital role in powering the fuel cell-driven forklifts used within the warehouse.

SCOPE

- Utilize the upgraded facility to generate hydrogen for powering the fuel cell-driven forklifts used within the warehouse.
- Ensure seamless operation and efficient hydrogen generation to meet the increasing demand for hydrogen.
- Implement safety measures and adhere to industry standards throughout the upgrade process.
- Provide ongoing support, maintenance, and monitoring of the hydrogen generation system to ensure continuous operation.
- Contribute to the goal of creating a cleaner and more sustainable operation for the company through the utilization of hydrogen technology.

HIGHLIGHTS

- OneH2 is increasing the company's hydrogen production capacity from 150 kg per day to 350 kg per day.
- The generated hydrogen powers fuel cell-driven forklifts, resulting in improved air quality and enhanced production efficiency at the company's warehouse.