

Initiatives with Stationary Power Generator

Objective

We will propose the application of our fuel cell systems in the area of power generation, starting from the application as a clean and quiet backup power source.

In-house Demonstration (American Honda Motor)



Installed in the premises of American Honda Motor
Started in-house demonstration as emergency power generation for data center

Features of the Technology

- Our fuel cell system can achieve a various output by connecting dozens of units.
- High responsiveness that adapts to output needs

Joint Demonstration (Shunan City, Yamaguchi)



- Supplies by-product hydrogen
- Provides venue for the demonstration



- Develops stationary fuel cell power generator
- Verifier of technology and operability



- Manages the project
- Verifies business feasibility
- Installs and operates data center

Joint Demonstration of de-carbonizing data centers with by-product hydrogen and reused fuel cells from FCEVS for Stationary Fuel Cell Power Generators.

Adopted by the New Energy and Industrial Technology Development Organization (NEDO) as one of the projects for the "Development of Technologies for Realizing a Hydrogen Society / Development of Technologies for Regional Hydrogen Utilization." Demonstration period: FY2023 FY2025

Develop technology and verify business feasibility through demonstrations, leading to hydrogen utilization and decarbonization of electricity generation