

TORAGE

European Furbine Network OEM Panel Session

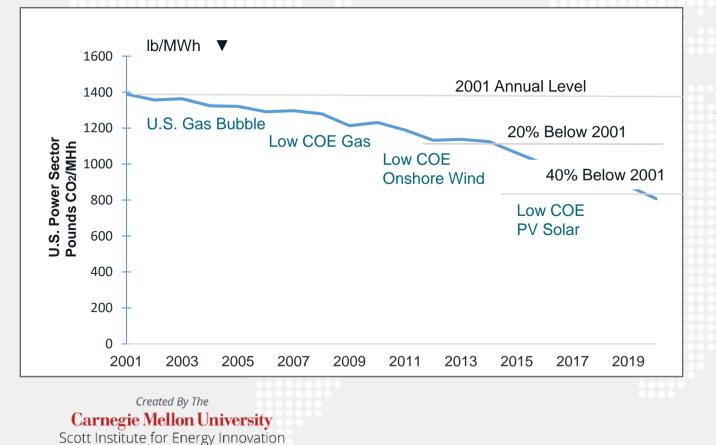
October 15, 2021

Brian F Allen VP Product Line Management, Mitsubishi Power



POWER SECTOR CARBON INDEX

US POWER SECTOR CO, EMISSIONS INTENSITY



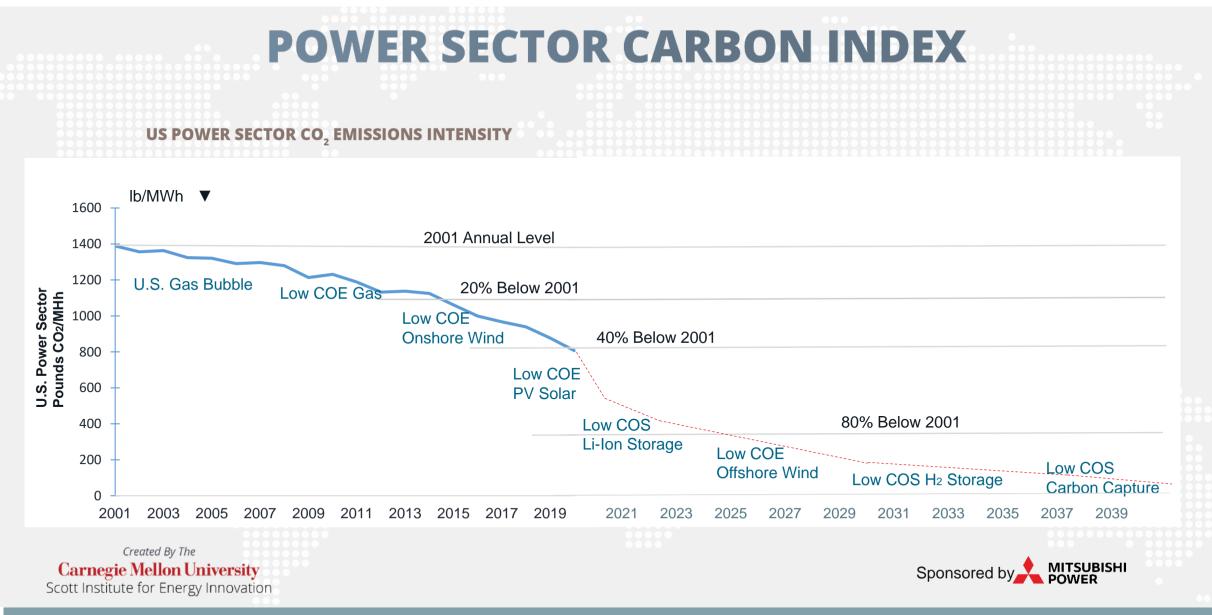
The U.S. Power Sector began decarbonizing in 2001 and the pace of decarbonization has been accelerating.

Sponsored by

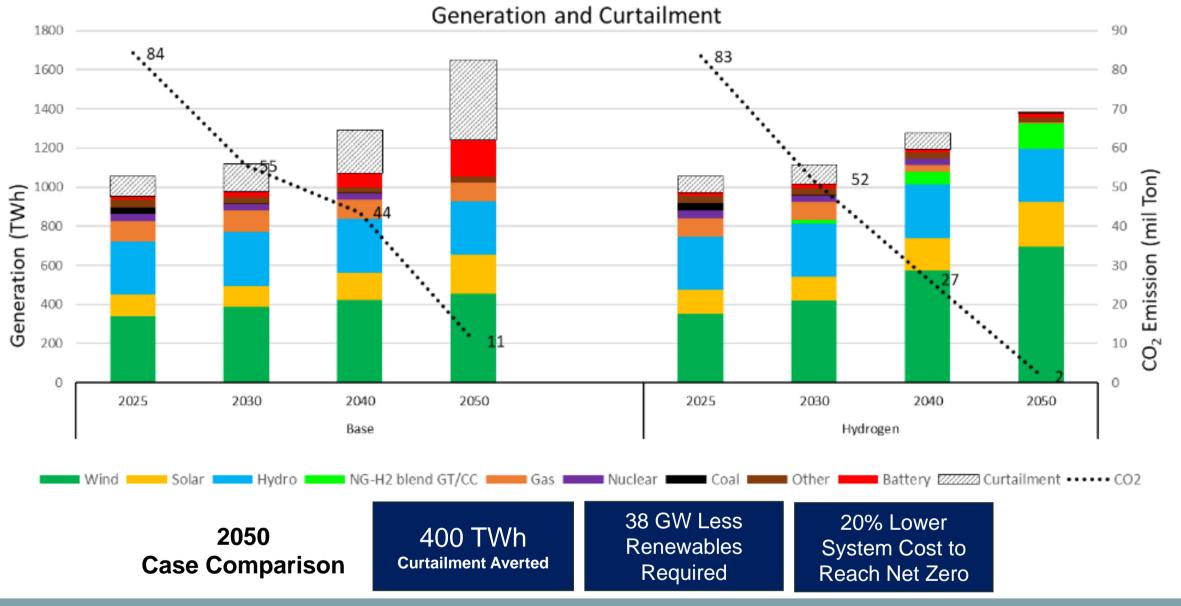


U.S. Decarbonization Past & Future

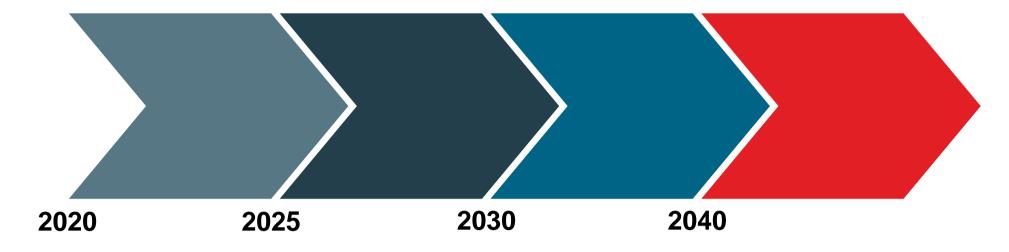












Development

Develop, permit, construct initial Hydrogen-ready infrastructure

Deployment

First regional Hydrogen production and power generation hubs, 30% H₂ storage

Scale-Up

Interconnecting all regional hubs, expanding production and storage capacity, 70% H₂ storage

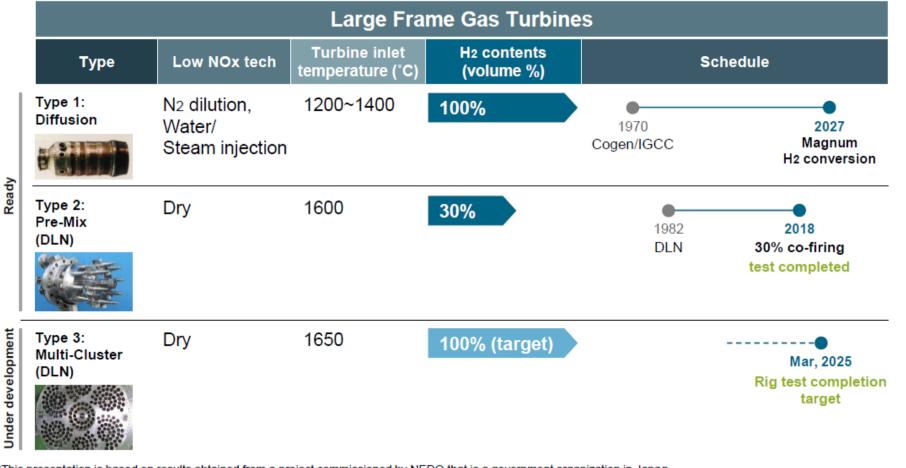
Carbon Zero

Growing production and storage capacity to achieve 100% H₂ storage

Multi-decade regional development and execution strategy

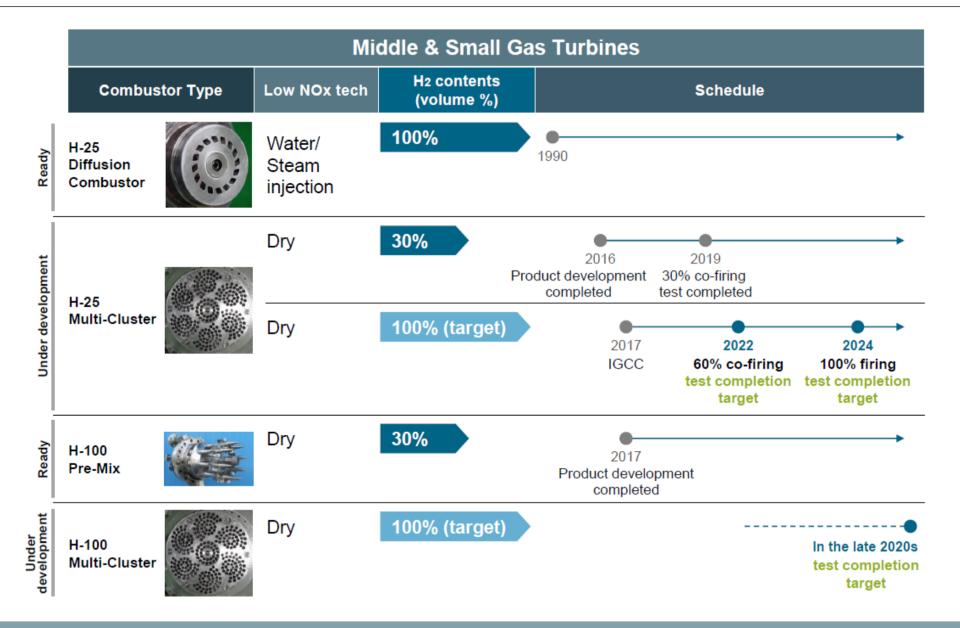


Mitsubishi Power applies 3 types of combustors catering to individual project requirements and hydrogen contents.



*This presentation is based on results obtained from a project commissioned by NEDO that is a government organization in Japan. (NEDO: New Energy and Industrial Technology Development Organization) **DLN : Dry Low NOx









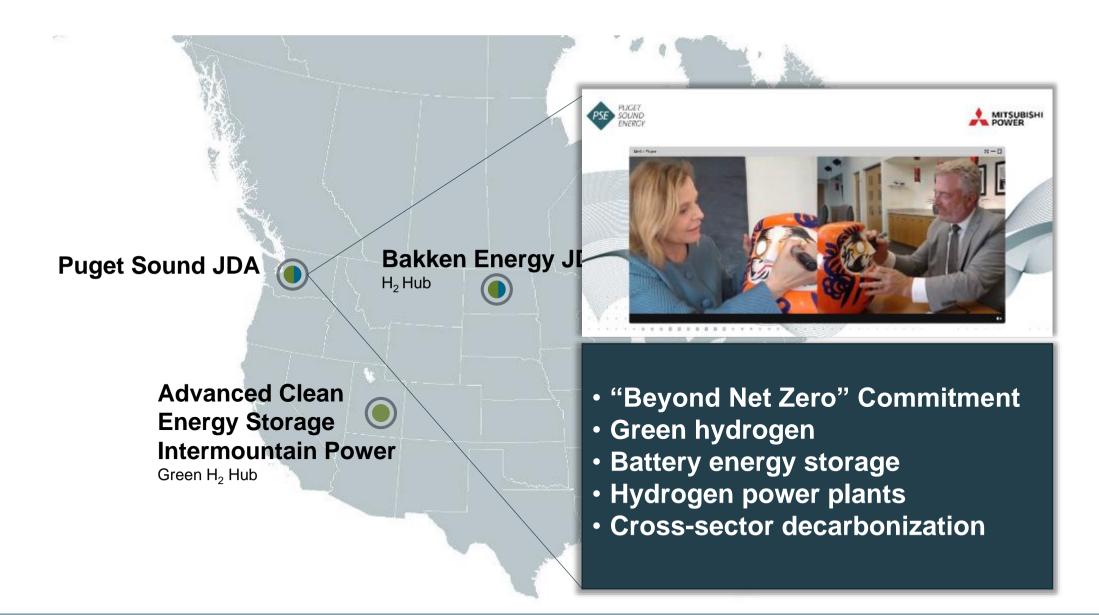


Green H, for Feesard Large-Scale Renewal Energy Applications 5 H, • 150,000 MWh of clean energy **Advanced Clean Energy Storage** storage Green H₂ Production & Storage • Green Hydrogen Production, Storage, and Transportation











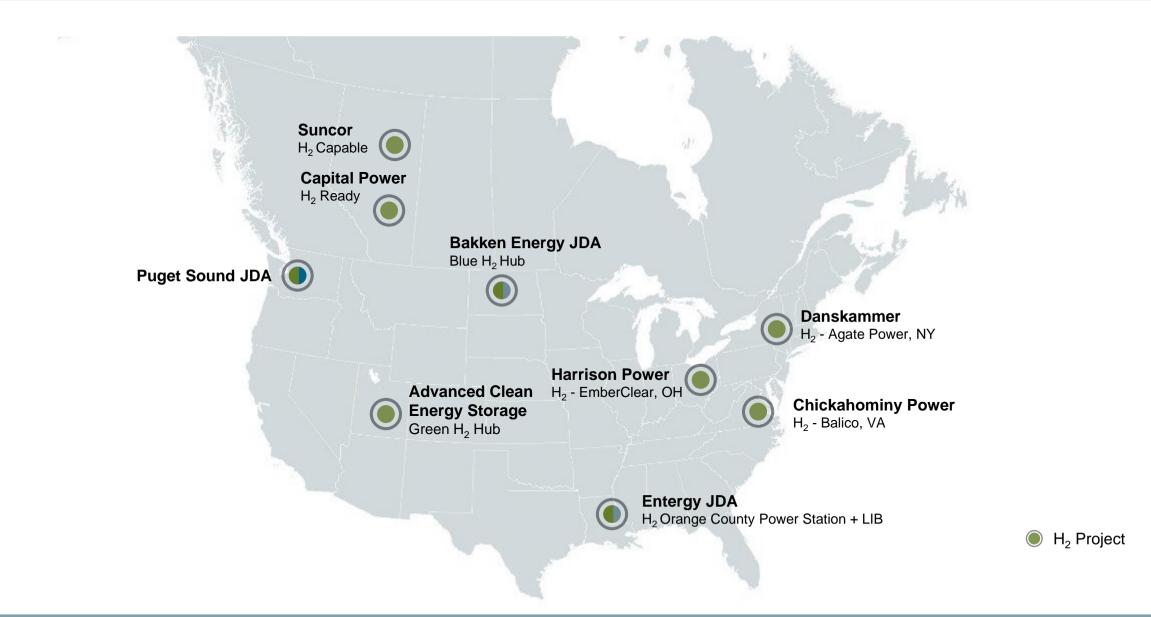






Current Energy Storage Projects in US and Canada







MOVE THE WORLD FORW>RD

