



Demonstration plant: : The world's first LNG-integrated Liquid Air EnergyStorage (LAES) plant owned by our parent company Sumitomo Heavy Industries

Start up year: 2025

Capacity: 5MW/20MWth up to 4 hours of discharge duration

Storage: up to 4 hours of discharge duration

Area: 0.62 acres / 2500m²

Location: Hiroshima/Japan

The world's first LAES plant will start operations towards the end of 2025 in Hatsukaichi, Hiroshima. SFW's Energy Storage team and others from SFW have been engaged in the project from the beginning, offering central expertise and delivering supplies to support the construction of the plant in Japan. The Hiroshima LAES plant is designed, delivered and operated by SHI. SFW's main role in the plant project is to help our client SHI Environmental and Energy Technology (E&E) on plant system configurations selection by providing provide design support, including basic design and HAZOP (Hazard and Operability study) expertise as well as instrumentation work