

Bringing fast, flexible, and secure power to Taiwan with LM2500XPRESS Technology



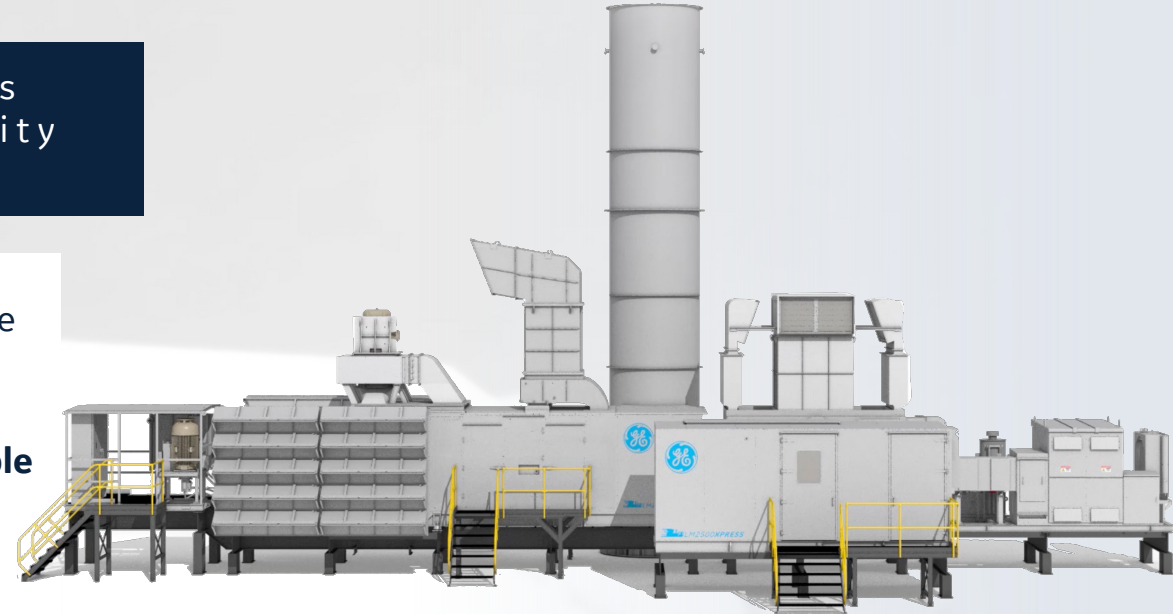
Taiwan Power Company's Tung Hsiao Power Plant adds 180 Megawatts to enhance electricity system reliability and support growth of renewable energy

Tung Hsiao Power Plant, Taiwan (2023)

- Successfully started grid-connected trial runs in January 2023
- GE supplied the LM2500XPRESS gas turbine generators set with a total installed capacity of 180MW and the installation was completed within 10 months to improve the power supply reliability of Taiwan.
- GE has met Taiwan Power Company's requirement to strengthen and maintain the high safety standard

1ST OF ITS KIND aeroderivative technology in Taiwan

Supports Taiwan's Renewable Energy Development Act (REDA) energy policy which seeks to increase the gas-fired power ratio to 50% by 2025



Learn more

gepower.com/taiwan-energymix

H²

H2

LM2500Xpress DLE engines are capable of 35% H2 with a roadmap to be 100% H2 capable by 2030



NO_x & CO REDUCTION

Capable of reducing NO_x and CO emissions by more than 90%



GRID FIRING

Manage energy shortages, stabilize the grid



HIGHLY MODULAR SYSTEM

Support the intermittent supply from RE power



FAST INSTALLATION

completed within 10 months following the start of construction in February 2022



HIGH FLEXIBILITY

8 minutes fast start-up to full load, perform daily starts without impacting maintenance cycles



SAFETY

GE has met Taiwan Power Company's requirement to strengthen and maintain the high safety standard