

Bringing faster, more flexible, and secure power to Taiwan with

# LM2500XPRESS TECHNOLOGY



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

## TUNG HSIAO POWER PLANT, TAIWAN (2023)

- Achieved the start of operation in January 2023.
- 180-megawatt (MW) turnkey power cycle plant is powered by six of GE Vernova's advanced LM2500XPRESS power packages.
- 20,000 hours without injuries with Best Contractor Safety Award by Taiwan Power Company.

**1<sup>st</sup> of its kind** aeroderivative technology in Taiwan

**Supports Taiwan's Renewable Energy Development Act (REDA)**

which seeks to increase the gas-fired power ratio to 50% by 2025



**Learn more**

[vernova.is/taiwan-energymix](https://vernova.is/taiwan-energymix)

**H<sub>2</sub>**

**H<sub>2</sub>**  
LM2500XPRESS DLE engines are 35% H<sub>2</sub> by volume ready



**NOx & CO Reduction**  
↓ 90% Effective NOx reduction



**Grid Firing**  
Manage energy shortages to help stabilize the grid



**Highly Modular System**  
11 modules for fast installation



**Fast Installation**  
completed in less than one year following the start of construction in February 2022



**High Flexibility**  
5-minute fast start-up to full load, perform daily starts without impacting maintenance cycles



**Safety**  
Best Contractor Safety Award from Taiwan Power Company's Construction Office