

Speakers

Ignacio Pinedo



Ignacio is GE Vernova's Director of Aero Gas Turbines for Europe and Sub-Saharan Africa, with more than 18 years in the energy sector. He has worked across engineering, services, and commercial leadership, specializing in aeroderivative gas turbines, power plant operations, and customer solutions. His career spans hands-on field service through to global product strategy, giving him a unique perspective on how advanced gas technologies support reliable and sustainable energy systems.

Case study: Ireland Datacenters Challenge

The Challenge

By 2030, datacenters will account for 30% of power consumption in Ireland

The Solution

14 Fast deployment / fast start / Dual Fuel LMXPRESS units required for grid support



CRUSOE Stargate Project (1,2GW)



Prime and Backup Power for a 400.000 GPU datacenter in 374ha

Crusoe Energy – Abilene, Texas - USA



The Challenge:

- Only RE Available only
- Grid connection timeline and support with a reliable source of power
- 8x150MW Blocks planned

The Solution:

- 32 x LM2500XPRESS (34MW) **Aeroderivative** gas turbines serving arbitrage and backup power
- Gas technology requirements: Quick install, reliability, fast start, low turndown
- Dual fuel capability
- High Elevation Site
- Planned COD: Mid 2026



WHY LM2500XPRESS?

- | | |
|---------------------------|---|
| - Time to COD.... | < 18months from order to COD |
| - Start-up / Ramp rate... | 5min / 330kw/sec |
| - Scalability... | MW Block Size (5 units) fits well with datacenter modules power needs (150MW) |

