

# How the attributes of **Aeroderivatives** support energy transition



## ENERGY SECURITY

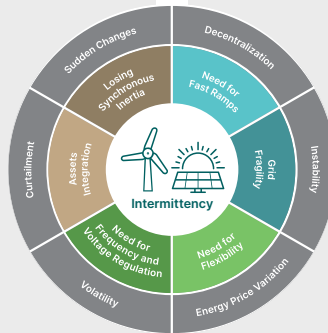
**>99%**  
RELIABILITY

**>98%**  
AVAILABILITY

**~100%**  
START RELIABILITY

- Proven Aircraft Technology
- Higher Simple Cycle Efficiency
- Multi Unit installation
- Fuel Flexibility
- Flexible power available for extended durations

**Why aers are the preferred choice for energy security:** Due to their high start reliability aers are available whenever, wherever they are needed the most.



## SUSTAINABILITY

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

**UP TO 100%**

- Lower CO<sub>2</sub> Emissions
- Seamless REN Integration
- Hybrid Solutions

**Why aers are a sustainable investment:** Aero attributes help address intermittency and grid stability issues. With a pathway to reach 100% H<sub>2</sub> capability for decarbonization, aers are a present day solution for future proofing REN rich grids.

## FLEXIBILITY & OPERABILITY

**HIGH TRANSIENT RESPONSE**

**UP TO 500 MW/MIN**

- Fast frequency response with free-spinning power turbine
- Quick install: 14 days I&C\*
- Fast start up: 5 min. for cold iron

**How the flexibility and operability of aers is the best solution for modern grids:** Aers are designed for fast start and fast ramp up with high cycling capability w/o maintenance penalties. Multi-unit installations provide reliable power even if a unit is out of commission.

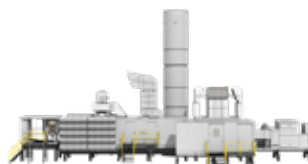
\* LM2500XPRESS \*\*LMS100

- Modular and Scalable
- Mobility
- Fast Ramp Up: Up to 50 MW/Min
- Multiple Start Regime with No Maintenance Impact
- Deeper Turndown with High Part Load Efficiency
- Spare Engine/Swap Outs
- Minimal Downtime
- Ancillary Services, Synch Condensing, Inertia Support
- Voltage Regulation with Clutchless Synch Condenser

## YOUR AERODERIVATIVE SOLUTION



**TM2500**  
Power plant on wheels



**LM2500XPRESS**  
The world's most modular power plant



**LM6000**  
40 million operating hours



**LMS100**  
Looking for efficiency?