

FUEL CELL POWER FOR AVIATION LIGHTS & EMERGENCY POWER



REPLACEMENT OF DIESEL GENERATORS

AVIATION LIGHTS OF WIND FARMS DURING CONSTRUCTION PHASE
AND LONG-TERM BACK-UP POWER DURING MAINTENANCE

CHALLENGE

- + Protection of air traffic and security of the equipment regardless of power grid availability
- + Reliable, sustainable power supply for sensors, monitoring and signaling systems

SOLUTION

- + All-in power box (PV, fuel cell, liquid gas (LPG), batteries, power electronics, remote access/monitoring)
- + **350 watts continuous power - 5 kW peak power (230 V)**
- + Gas bottles change every 1-2 months (summer) or after 3 weeks (full load/winter)

REFERENCE CASES

Power-boxes are in operation in whole Europe since 2015, e.g. by globally leading wind farm developers: 3,500 weeks or more than half a million operating hours with clean energy - in any weather!

BENEFITS

- + autonomous
- + affordable
- + durable
- + clean
- + robust
- + reliable

