ENERGY SOLUTIONS FOR DATA CENTRES

RELIABLE, MODULAR ONSITE POWER.

Modular onsite power - fast to deploy, built for mission-critical uptime.

EVO ENERGY TECHNOLOGIES

99.9+%	<12 month	2-400+MW	95%
AVAILABILITY	FAST DEPLOYMENT	MODULAR SCALE	TOTAL EFFICIENCY

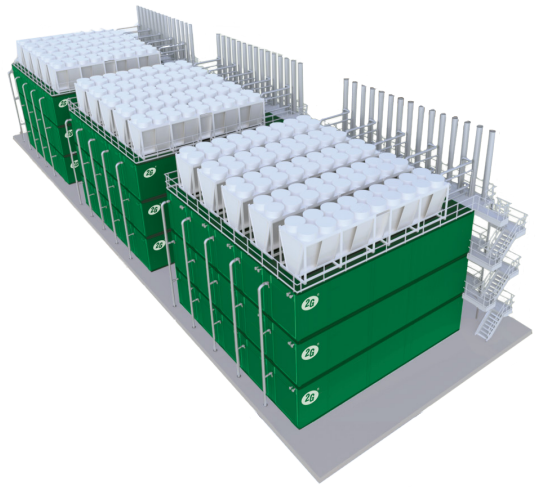
THE 2G POWER ISLAND SOLUTION

ONSITE GENERATION FOR CRITICAL LOADS

Grid constraints, long connection lead times and rising energy costs are slowing data centre growth. The 2G Power Island solves all three.

Evo Energy Technologies delivers factory-tested, containerised generation from 2 MW to 100+ MW - deployable in 9–12 months, with N+1/N+N redundancy and 99.9+% availability built in.

Units arrive pre-commissioned and install in parallel, scaling with your load from day one.



2G Power Island - 45MW (55m x 14m)

WHY EVO ENERGY TECHNOLOGIES

BUILT FOR UPTIME. DESIGNED FOR GROWTH.

- **Modular Capacity**
  Scalable from 2 MW to 400+ MW. Add units as load grows, without redesign or downtime.
- **Tier-Level Reliability**
  N+1 and N+N redundancy configurations deliver up to 99.9+% availability for mission-critical loads.
- **Flexible Operation**
  Run off-grid, grid-parallel or hybrid. Switch modes as site conditions and grid access evolve.
- **Energy Storage Ready**
  Seamless integration with UPS and battery storage for fast load response and ride-through capability.
- **Future-Ready Fuels**
  Natural gas today - biomethane and hydrogen compatible
- **Scalable Footprint**
  45MW stacked (55m×14m) or 50MW spread (45m×45m)

OPERATIONAL ADVANTAGES

- Up to 99.9+% system availability
- Fast load response for fluctuating IT demand
- Integrates with UPS and battery storage
- Suitable for primary, backup or interim power

ENVIRONMENTAL & EFFICIENCY BENEFITS

- Electrical efficiency up to 46%
- Total efficiency up to 95% with heat recovery
- Compact, high-power-density layouts
- Low noise — compliant with Australian standards

DEPLOYMENT & COMMERCIAL DELIVERY

Flexible delivery for every stage of development.

43-46%
ELECTRICAL EFFICIENCY

Fast Start
SYSTEM STARTUP

100+kW/m²
POWER DENSITY

80,000hrs
BETWEEN MAJOR OVERHAULS

20+yrs
DESIGN LIFE

Up to 95%
TOTAL SYSTEM EFFICIENCY

REAL-WORLD DEPLOYMENT APPLICATIONS

Fast Onsite Power
Immediate operation while grid infrastructure catches up - no compromise on uptime.

Primary or Backup Generation
Primary power or high-availability backup, with seamless UPS/BESS integration.

Trigeneration for Ultra-Low PUE
Waste heat recovery via absorption chillers boosts whole-facility efficiency.

Behind-the-Meter Operation
Cut demand charges and reduce exposure to grid tariff volatility.

COMMERCIAL DELIVERY

Complete Project Delivery
From concept through to long-term operation - design, supply, commissioning and beyond.

Flexible Commercial Structures
Capital purchase, lease, power purchase agreements (PPA) and BOOT models available.

Long-Term Service Agreements
Remote monitoring, predictive maintenance and guaranteed availability as standard.

Australia's Authorised 2G Energy Partner
Full local support backed by an internationally proven platform.

BUILT FOR UPTIME.
DESIGNED FOR EFFICIENCY.
SCALED FOR GROWTH.

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