



Mobile Gas Turbine Solutions

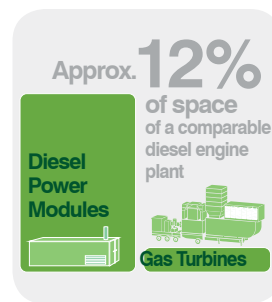
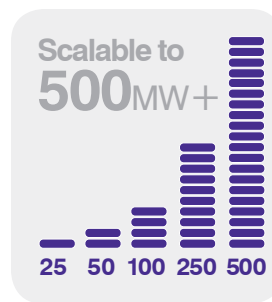
Fast. Flexible. Scalable.

Key Benefits

- RAPID TRANSPORT
- COMMERCIAL OPERATION IN WEEKS
- FUEL AND VOLTAGE FLEXIBILITY
- FULL POWER IN UNDER 10 MINUTES
- SCALABLE TO 500MW+
- ENHANCED GRID STABILITY
- SMALL FOOTPRINT
- LOW EMISSIONS
- FULL-SERVICE, TURNKEY PACKAGE

“APR Energy’s turbine solutions are ideally suited for our needs as a utility, offering a combination of reliability and low emissions in a dense power package.”

Frank Tudor
 Managing Director
 Horizon Power



APR ENERGY, the world’s leading provider of fast-track mobile turbine power, offers the most rapidly deployable and reliable mobile turbine solutions in the market today. Our aero-derivative, mobile turbines have a proven record of success in both developed and developing markets, and serve a wide range of applications that includes seasonal peaking power, base-load operation, industrial generation, back-up power, distributed generation, and bridging solutions while permanent power comes online.

Get Power Fast

Fill your urgent electricity needs – anywhere in the world – in just weeks. Our compact mobile turbines are designed for rapid shipment by road, sea and air and take only days to install. Once in operation, they can reach full power in less than 10 minutes.

Flexible Operation

Unlike reciprocating engine technology, our dual-fuel turbines can switch quickly and seamlessly between liquid distillate and gas fuels. They also offer dual frequency, with the ability to easily convert from 50 to 60Hz, and can be grid connected or operated island mode.

Scale to Fit Your Needs

With an ISO power rating of 20-35MW per unit, our modular turbine solutions can be scaled to meet capacity requirements ranging from 15MW to 500MW or more – enough to power entire cities.

Our Turnkey Solution

Fuel
Provided by customer

1 Fuel management
Fuel handling, storage, testing and treatment

2 Power generation
Multi-fuel & dual frequency flexibility

3 Transformation
Global voltage capabilities

4 Export
Integration into customer infrastructure

Power

1 Fuel storage **5** Mobile gas turbines
2 Fuel filtration **6** Transformers - medium stage
3 Water system **7** Transformers - high stage
4 Control room **8** Substation

Comprehensive Services
 Design | Engineering | Logistics | Procurement | Construction | Commissioning | Operation | Maintenance | Fuel management | Security

APR Energy Turbine Projects

- ANGOLA
- AUSTRALIA
- BANGLADESH
- BENIN
- CANADA
- EGYPT
- IRAQ
- JAPAN
- LIBYA
- MARTINIQUE
- NEW CALEDONIA
- URUGUAY
- U.S. VIRGIN ISLANDS

Stabilize Your Grid

Mobile gas turbines offer significant grid stability advantages over reciprocating engines, while providing ancillary services such as spinning reserves, positive frequency control and power system stabilization.

Use Less Space

A modular plant using our compact, power-dense turbines requires approximately one-third of the space needed for an equivalent-output diesel reciprocating engine plant, making our turbine solution a perfect fit for customers with space constraints.

Cut Emissions

Mobile gas turbines using water injection produce 90 percent less nitrogen oxide than a typical high-speed diesel engine, and generate about 20 percent less noise – a great fit for environmentally conscious customers with stringent regulatory controls.

A Total Solution

With APR Energy, you get more than just reliable turbine technology. Our turnkey solution offers a complete balance of plant, as well as a full-service package that includes plant design, installation and commissioning, operation and maintenance, fuel management and more.



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