Cyprus

Meeting Seasonal Peak Demands with a Successful 320MW Total Project

The Electricity Authority of Cyprus (EAC) owns and operates power stations in the Republic of Cyprus, and manages the generation, transmission and distribution of electricity within the country. In July of 2011, an explosion at a nearby naval base damaged the Vasilikos power station, reducing Cyprus' generation capacity by more than 30 percent. By early 2012, EAC requested proposals for the supply, installation, operation, and maintenance of a temporary power station to provide additional capacity during the upcoming summer peak months due to the on-going reconstruction of their power station.

EAC selected APR Energy to provide a 120MW turnkey power plant solution. Using a combination of sea, land and air freight, APR Energy delivered 96 diesel power modules to the temporary site, which was concurrently being prepared.

APR Energy also worked with service providers on the island to recruit local workers within the community. APR Energy delivered and commissioned the 120MW of emergency power ahead of schedule. The plant was installed and operational a mere 20 days from on-site arrival of equipment. Leveraging the latest technology in diesel generators and plant design, APR Energy's resulting fuel efficiency exceeded contractual expectations, not only proving to be more efficient than other deployed rental plants on the island, but also surpassing the efficiency of some of the existing permanent plants. This turnkey solution enabled EAC to provide safe and reliable electricity during its peak demand season.

SKILLED TEAM
Extensive civil engineering was required prior to the installation of the power modules.

EXCEEDING EXPECTATIONS
The project's fuel efficiency exceeded contractual expectations and surpassed the efficiency of several existing plants.

EMERGENCY SERVICES
The rapid mobilization of equipment via land, sea and air freight allowed APR to install and operate the plant 20 days after the on-site arrival of equipment.

120MW
Diesel power modules

Fully operational in

20 Days