



## Fast-Track Solution to Aid Power Outages During Peak Season

Located on the southeast coast of the Arab Peninsula, the Sultanate of Oman has nominal rainfall and temperatures exceeding 50°C (122°F) during the summer. In 2012, the Oman Power and Water Procurement Company contracted for seasonal back-up power solutions to support the national grid during the peak demand period. APR Energy designed, installed, and commissioned a fast-track, turnkey power plant to provide 24MW of peak-demand backup power via MEDCO, one of the Sultanate's electricity distribution companies. The added capacity helped Oman combat intermittent power outages rising during the summer months. Using a proprietary modular system of connecting generators and transformers, APR Energy was able to deploy and commission the site in less than 20 days from arrival of the equipment to the site. Local specialized contractors were used to fabricate the fuel supply system and build the interconnection infrastructure.

As a standby supplement to the existing power grid, APR Energy's turnkey diesel power solution provided three months of **reliable backup capacity** during the peak demand season.



### FAST TRACK SOLUTION

APR Energy's fast-track installation was completed in less than 20 days.



### SEAMLESS DECOMMISSIONING

Using a proprietary modular system, APR Energy dismantled and vacated the site in only eight days upon completion of the contract.



### EFFICIENT PLANNING

APR Energy modified the existing equipment and used it for the electrical interconnection points at the site.

## 24MW

Diesel power modules

