



### Mobilizing and Installing 450MW in Extreme Conditions

In 2013, Libya’s power generation and transmission system, stretched and unable to meet the growing demand for electricity, was in desperate need for supplemental power. Libya’s Ministry of Electricity and the General Electricity Company of Libya (“GECOL”) contracted APR Energy to provide 250MW of fast-track power over four sites in key areas across Libya. The collaboration with the Ministry and GECOL further strengthened a few months later after other generation vendors failed to execute on their proposed solutions. APR Energy provided an additional 200MW of diesel-powered generation at two sites. The combined 450MW project was the largest single contract ever signed in the fast track power industry and the largest fast-track, turnkey power project ever with a public utility.



#### OVERCAME EXTREME CONDITIONS

APR faced extreme climate conditions such as soaring temperatures and sand storms.



#### TRAINING LIBYAN WORKERS

APR conducted training for more than 80 GECOL staff on the maintenance and operations of the dual-fuel turbines and fuel-efficient diesel power modules.

## 450MW



Gas turbines & Diesel power modules



### MASSIVE EQUIPMENT MOBILIZATION

Given the scale of the project, 450MW across 6 sites, APR Energy mobilized equipment from **23 countries** using **37 ocean shipments** and **71 flights** covering 863,855 kilometers. Initial turbine shipments arrived direct from the manufacturer via Antonov cargo planes for immediate installation at one of the Tripoli sites.

