

Martinique



Bridging Power for Load-Shedding in Martinique

In 2011, the Caribbean island of Martinique was experiencing a power shortfall due to higher than usual energy demands during the peak tourist season. Due to upgrade delays within the existing power generation equipment, Martinique was faced with load shedding. The decrease in installed generation capacity caused spontaneous power outages across the island. Martinique's electricity authority, Electricité de France S.A. (EDF), needed a fast-track power solution to provide electricity during high-demand periods, as well as bridging power while necessary improvements were performed to the current installed capacity.

EDF awarded APR Energy a 20MW contract for the fast-track installation and operation of a single FT8® MOBILEPAC® gas turbine. Just seven days after the equipment arrived on site, the MOBILEPAC® was fully operational, providing 20MW of available electrical capacity via the Martinique EDF transmission network at Pointe des Carrières power station. The plant successfully met the peak demands of the island and provided EDF with the power to bridge the supply and demand gap during further restoration and maintenance on the existing plants. In 2012, APR's contract, was extended. APR was able to further guarantee capacity needs through the peak season while EDF continued to transition into a permanent solution.



MANAGING SITE CONSTRAINTS

APR installed and commissioned the plant within 7 days of the equipment arrival, despite the space constraints of the site.



PLANT RELOCATION

In 2013, APR worked alongside EDF to relocate the power plant to the Bellefontaine power station in order to meet the customer's changing power needs.



MEETING URGENT DEMANDS

APR successfully met Martinique's urgent needs to meet higher than usual demand during their peak tourist season.

20MW
Gas turbine



APR satisfied Martinique's need for a power-dense, low-emission, fast-track solution.