

Senegal



Fast-Track Excellence Through Multiple Bridging Renewals

Senegal's national utility, Société Nationale d'Électricité du Sénégal (Senelec), contracted APR Energy in 2011 to provide 50MW of fast-track power, with the option of an additional 100MW at a second site to alleviate growing power cuts while outdated equipment was being rehabilitated and new capacity was being added. To fulfill the customer's requirements for fast-track installation, APR Energy dispatched equipment, components and personnel from around the world using a cost-effective combination of air, sea and ground transportation. Once on the ground, the company provided a turnkey solution including installation, operation, and maintenance of all power generation equipment.

The first site was in operation and providing electrical capacity to Senegal within 60 days of contract signature. Satisfied with APR Energy's performance at first site, Senelec subsequently exercised its option for an additional 100MW. The site for the second plant was largely undeveloped and APR carried out extensive civil work so the new capacity could be brought online.



MODERN SOLUTIONS

APR Energy's work combatted years of Senegal's underinvestment in their aging power plants and poorly maintained T&D network, bringing the country into a new era of reliable energy.



SUPPORTING TWO SITES

APR Energy installed a 3 million-liter fuel storage and a 90kv substation to support the plant's second site, which had lacked storage and transmission capabilities.



POWERING PROGRESS

Together the two completed plants provided 150MW of power, accounting for more than 20 percent of Senegal's generation capacity.

2011

50MW

Diesel power modules
in 60 days



2012 Additional

100MW