APR ENERGY

Distributed Generation | Case Study

Argentina

Meeting Seasonal Peak Demands with a Successful 90MW Total Project

In 2008, Argentina was facing severe under capacity in its supply of electricity, driven by slow-paced investment, transmission line restraints, a continuous rise in electricity demand, and territorial expansion in areas with already limited access. The government-owned electricity company, Energía Argentina S.A. (ENARSA), needed power generation sources distributed throughout the country to meet high energy demand during the summer and winter months. To complete this project, APR Energy teamed with local consultants to develop, design, and install specialty communication, fuel, and energy measurement infrastructure in a manner that met local environmental standards. Over numerous phases, APR Energy provided ENARSA with over 90MW of power distributed at five separate locations to meet seasonal peak demands and provide additional grid support.

EMBRACING LOCAL RESOURCES

Materials required for the installation, maintenance and repair of the generating units were locally sourced, rather than imported.

POWERING PROGRESS

APE Energy distributed electricity to underdeveloped areas with limited access to vendors and contractors.

FLEXIBLE SOLUTIONS

APR Energy proposed a modular, multi-phased approach that would extend over several years.

An Initial **90MW** of diesel mower modules

5 Plant Locations

The diesel-power plants were delivered on a **fast-track** basis and fed directly into regional substations. This project was a prime example of APR Energy's unmatched speed and strength when carrying out **long-term** projects.

85%

of the workforce for the project came from local communities.

320MW

In June 2016, APR Energy was awarded an **additional** 320MW over 5 years.