

Walton EMC

Developer: Self-Owned and Operated

Location: Monroe, Georgia
U.S.A.

Installed: 1999



Three *Taurus*™ 60 gas turbine generator sets equipped with *SoLoNO_x*™ combustion systems were commissioned by Walton Electric Membership Corporation (EMC) for its Monroe, Georgia facility. The turbines were installed in May 1999 and are used for peaking duty.

Solar acted as the general contractor for the project and was responsible for turnkey supply and construction of the station. Local contractors were used for site construction. Installation was completed on schedule and within budget seven months after receipt of order.

The 5-MWe units supply power to commercial, industrial, and residential customers when required and were installed to reduce the cost of power during peak periods. The unmanned plant is operated remotely from the customer's central control room located approximately 10 miles away.

Walton EMC, a service cooperative started in 1936, is a not-for-profit electric utility that supplies energy to more than 91,000 accounts in 10 Northeast Georgia counties. Headquartered in Monroe, Georgia, it is one of the largest electric cooperatives in the U.S.A, ranking fifteenth in size in 1999.

Solar® gas turbines comply with the Georgia Environmental Protection Division's recently proposed regulations for NO_x emissions.

Customers around the world have selected Solar's advanced technology gas turbines for installations that require adherence to local exhaust emissions regulations. Solar gas turbines equipped with *SoLoNO_x* use lean-premixed combustion technology to ensure an extremely uniform air/fuel mixture and to stringently control the combustion process to prevent the formation of undesirable emissions.

For more detailed information on the easy-to-install, economical, and reliable 1-to-14 MWe *Solar* gas turbine power generation product line, contact:

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