

**Solar Turbines
and
North Carolina Municipal Power Agency (NCMPA1)
Monroe, NC**

24MW Gas & Diesel Peaking Power Plant



Perigon provided complete Balance-of-Plant system design including construction documents and construction support for the installation of twin Solar Turbines, Inc. 15MW Gas Turbines with 13.8kV synchronous generators and supporting systems. The facility generators connect to the electrical distribution grid to provide peak demand power generation. The BOP design included complete underground conduit bank distribution (3D modeled), underground piping, steel, foundations, site (stormwater & erosion control), interconnection wiring, area lighting, cathodic protection, lightning protection, and ground grid.

- \$ 20MM Total Installed Cost
- Completed in September 2009