

## 52 MW GAS TURBINE GENERATOR – PEAKING FACILITY

**Client:**

Wisconsin Public  
Power Inc.

**Project Location:**

Kaukauna, WI

**Capacity:**

Nominal 52 MW

**Approximate  
Installed Project**

**Value:** \$25,000,000



*Wisconsin Public Power Inc. selected PCI to develop, design, permit, and commission a 52.5 MW gas and liquid fuel, combustion turbine peaking facility. PCI also provided equipment procurement, construction management and commissioning management services.*

**The scope of work included:**

- Prepared and filed Certificate of Authority Application with the Public Service Commission of Wisconsin
- Prepared and filed Air Permit Application with the Wisconsin Department of Natural Resources
- Prepared and filed Interconnect and Transmission Study/Service Request with American Transmission Company, LLC
- Negotiated fuel supply agreement (natural gas) with We Energies
- Prepared over 150 detailed construction drawings
- Developed construction specifications
- Designed, specified and provided procurement assistance for all balance of plant systems
- Developed specification and managed procurement of a Pratt & Whitney Power Systems FT8-1® Twin Pac™ combustion turbine
- Prepared balance of plant system descriptions, operating instructions and consolidated vendor instruction and operating manuals
- Managed project cost accounting;
- Provided onsite construction and commissioning management
- Completed project on time and substantially under budget

