



CASE STUDY

UGI Energy: Combined-Cycle Power Plant for Grid Interconnection

180 MW Combined-Cycle Power Plant with Grid Interconnection Application for Maximized Energy and Reduced Emissions

Based on our experience and many successes with combined-cycle energy, Concord was selected for the engineering design of a 180 MW Combined Cycle plant, queue-based interconnection application, and feasibility study for connection to the PPL/PJM 500kV electric grid. The plant is operated by UGI Energy Services, which buys and sells energy commodities at the wholesale level.

THE CONCORD DIFFERENCE

- Draw on our extensive experience with combined-cycle engineering to ensure a practical design that will provide clean, efficient, and reliable energy.
- Support the client in completing the Interconnection application process, including obtaining permits and working with local authorities.

CONCORD ENGINEERING SOLUTION

- Meet the unique owner requirements through state-of-the-art engineering and design technology solutions; the plant produces electricity and captures waste heat from the gas turbine to generate extra power.
- Complete a feasibility study, including the development of a 500kV interconnection one-line diagram, the interconnecting substation, the location plan of the substation, and interconnecting transmission lines.
- Ensure operability, maintainability, and meeting of all requirements for connection to the grid.

+ LOCATION

Hunlock Creek, PA

+ SERVICES

Power Engineering
Engineering Design
Feasibility Study
Engineer of Record

+ TAGS

Power Generation
Power Plant Design
Renewable Energy
Emissions Reduction
Grid Interconnection

GET IN TOUCH

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