



DOWNES ASSOCIATES INC
Engineering & Management Consultants

PROJECT EXPERIENCE

Project Name and Location

Orchard Park Generating Plant and Substation
Borough of Chambersburg, Pennsylvania

Owner

Borough of Chambersburg
100 S. Second Street
P.O. Box 1009
Chambersburg, PA 17201

Description of Services Provided

This project involved the fully integrated design of a 23 MMW gas and oil fired generation plant and a 30 MVA, 69 KV/12.5 KV intertie substation for the Borough of Chambersburg, Pennsylvania. Downes Associates was responsible for all conceptual and feasibility design aspects of the project including: site selection, foundation review, structural steel analysis and review, transformer and circuit breaker specification oversight and relay system/control system coordination. Downes Associates oversaw all aspects of material procurement and substation construction. All interface work with PJM, APS (the regional transmission owner), and all commissioning work was the responsibility of Downes Associates. The total cost of the completed project was \$20 million.

Additional Questions?

We are here through every step of the process, including the information gathering stage. In fact, we understand this to be one of the most important aspects of locating a consultant capable of handling your project.

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