



PROJECT EXPERIENCE

Project Name and Location

138 KV/35 KV Substation Addition
Lansdale, Pennsylvania

Owner

Borough of Lansdale
One Vine Street
Lansdale, PA 19446

Description of Services Provided

This project involved the development of concept for the addition of a 20 MVA transformer and relay protection to the existing substation fed by multiple voltages. The existing substation was a complex two transformer municipal purchase point substation with wholesale utility through feed at transmission voltage. Downes Associates was responsible for all design aspects for the project including: design and specification of substation materials, procurement documents, site work, equipment, structure, and foundation for third transformer. Downes Associates prepared modifications to wiring and instruments for protection of both utilities and feed through. A report was developed by Downes Associates providing cost estimates for financing by Lansdale. Coordination with both utilities and construction supervision for the entire project was the responsibility of Downes Associates, Inc. The total cost of the project was \$2,500,000. The project was completed in 1990.

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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