

Astoria Energy II Power Project



The Astoria Energy II Power Project remains on schedule and on budget. The new 550 MW combined cycle power generation facility, adjacent to Astoria Energy in Queens, is scheduled to be completed May 31 2011. When commercial, it will be the cleanest and most efficient power plant in New York City.

The construction of the AE II project will interconnect to the transmission capacity previously utilized by the Poletti Power Generation Facility.

The New York Power Authority (NYPA) retired the Poletti facility on January 31st of 2010, facilitating the interconnection of the Astoria II facility to the NYPA Q35 L&M feeders via a new 345 kV substation.

The Astoria II project will meet its mandate from the state-owned New York Power Authority to provide economic, clean and reliable power to New York City and its customers.

By adding a new and more efficient power source to New York's power grid, the Astoria II project will also lower the City's wholesale electric prices, saving Queens and other city ratepayers at least \$100 million a year.



Project Progress:

Engineering is 100% complete, procurement activities are approximately 99% complete and construction is approximately 76.7% complete.

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AE II secured the critical long-lead major equipment items in July, 2008 with the purchase of the Combustion Turbine Generators (CTGs), Steam Turbine Generator, and Heat Recovery Steam Generator (HRSG).

General Electric (GE) was awarded the Contract for two 7FA Combustion Turbine Generators and one D11 Steam Turbine Generator.

Architectural Building(s) Construction: Includes the Turbine building, HRSG windwalls, gas compressor building, and on-site GIS building.

Turbine building is currently being erected and is approximately 99% complete.

Heat Recovery Steam Generators: Alstom Power, Inc. ("Alstom") was awarded the Contract for two Heat Recovery Steam Generators (HRSG).

The HRSGs were assembled in Tampico, Mexico by Santos Industries. Each HRSG, weighing in excess of 2,500 tons was shipped to Astoria via oceanic barges where they were off loaded, and transported to the final location via wheeled transporters.

Piping Construction: The piping construction is underway and currently estimated to be 58.3% complete. Electrical construction is approximately 54% complete.



Turbine Centerline: The Turbine Centerline Contract was consummated on December 9, 2009 with Skanska Construction. Skanska crews are continuing to work on the combustion and steam turbine generators. Combustion turbine generator work is 96% complete and steam turbine generator is 75% complete.

***Stay Tuned
for Additional Project Progress Updates!***