

ELECTRICAL SYSTEMS DESIGN

- Sub-Station Design
- Distribution Systems
- Protective Relaying
- Power System Analysis
- Emergency Planning & System Restoration
- Power Generation / Industrial Systems

CONTROL ENGINEERING

- Distributed Control Systems (DCS)
- Programmable Logic Controllers (PLC)
- Hybrid Control Systems
- Instrumentation and Communications

Upcoming Events

- Power-Gen International
Dec 6 - 8, 2005
- DistribuTECH Conference
Feb. 7 - 9, 2006

ControlPoint Awarded Chinese Power Plant Controls

ControlPoint was recently awarded the control system engineering and design contract for the Jinling Power Project in China. The plant is a single shaft combined cycle power plant using GE's F technology 109FA system. The plant, owned by Huaneng Power International, Inc., is a two-unit station that will produce 760 megawatts of electricity when completed.



ControlPoint is responsible for the engineering and design of the balance of plant control system, including the development of the control logic for plant systems. The project commitment for ControlPoint is through the system factory acceptance testing of all system controls including automatic start / stop control sequencing.

Electrical Distribution For National Grid

ControlPoint works closely with National Grid on the design and installation of electric distribution projects throughout the utilities' service area. Currently the projects outlined below are in design:

- Niagara Mohawk - Engineering and design for the NYS Route 29 distribution rebuild Project in Johnstown, New York.
- Massachusetts Electric – Route 53 rebuild project Hingham and Norwell, MA - electric utility engineering and design for distribution rebuild.
- Niagara Mohawk – Electric distribution system rebuild in St. Johnsbury, NY.
- Massachusetts Electric – New Melrose Station # 25 distribution feeders rebuild / replacement. Engineering and design for five distribution feeders to support substation replacement.



Three New 345kV Substations for *NSTAR Electric & Gas*

ControlPoint has been contracted by NSTAR Electric to provide engineering support services for all three new 345kV substation projects located in Stoughton, Hyde Park, and Boston, MA. The projects will support the installation of a new 18-mile underground 345kV transmission line installed from NSTAR's K Street substation, to the Hyde Park substation facility, continuing on to the new Route 138 switching station site in Stoughton.

The project will improve transmission system reliability for the region and is scheduled to be in service in the spring of 2006. ControlPoint engineers are on site at each new substation facility providing supervisory and coordination services.