



ELECTRIC UTILITY SYSTEMS

- Sub-Station Design
- Electric Distribution
- Protective Relaying
- Power System Analysis
- Power Generation
- Industrial Systems

CONTROL ENGINEERING

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

Upcoming Events

- ISO New England
Sept. 25 & 26, 2006
- Electric Power Conference
May 1 - 3, 2007

Natick Army Base Privatizes Electric System

ControlPoint Designs New Underground Power Distribution & Communications

The US Army is privatizing electric distribution at their Natick, MA facility and is replacing the primary and secondary overhead system with new underground power and communications infrastructure. The Army Soldier Systems Center is a critical Research and Development Center, responsible for soldier apparel, safety equipment, food, and combat gear.

ControlPoint has completed the electrical and communications detailed design and will initiate

the construction phase in coming weeks. The project involves full replacement of existing 15kV distribution cabling, 22 secondary unit substation transformers, low-voltage switchgear, and revenue metering. ControlPoint responsibilities include civil and electrical engineering / design for the new power distribution system, telephone and communications underground design, and construction management services. The project is being completed with the Army's utility privatization partner, NSTAR Electric & Gas.

Distributed Control For China's JinLing Power Plant



JinLing Power Plant

ControlPoint has completed the design and testing of the JinLing Combined Cycle Generating Plant distributed control system. The plant is operated by Huaneng Power International and will generate a total of 700 megawatts of electricity to power the developing cities of Shanghai and Nanjing, China.

ControlPoint's scope included development of control system logic for the power island, electric switchyard, and balance of plant.

Overhead Distribution Rebuild

National Grid has contracted with ControlPoint to redesign the electrical distribution system for the Queen Ann's Corner Road Widening Project in Norwell. The project will upgrade the commercial areas of Rt. 53 & 228.



Rt. 53
Norwell

345kV Transmission Project Near Complete

NSTAR's 18-mile underground 345kV transmission line project is well into the testing and start-up phase. The supporting stations in Stoughton, Hyde Park, and South



Stoughton's New Station

Boston have been energized and the project is on schedule for summer service.

ControlPoint is proud to be involved with each of the stations, providing on-site engineering, construction over-site, contractor management, testing, start-up, and commissioning services.