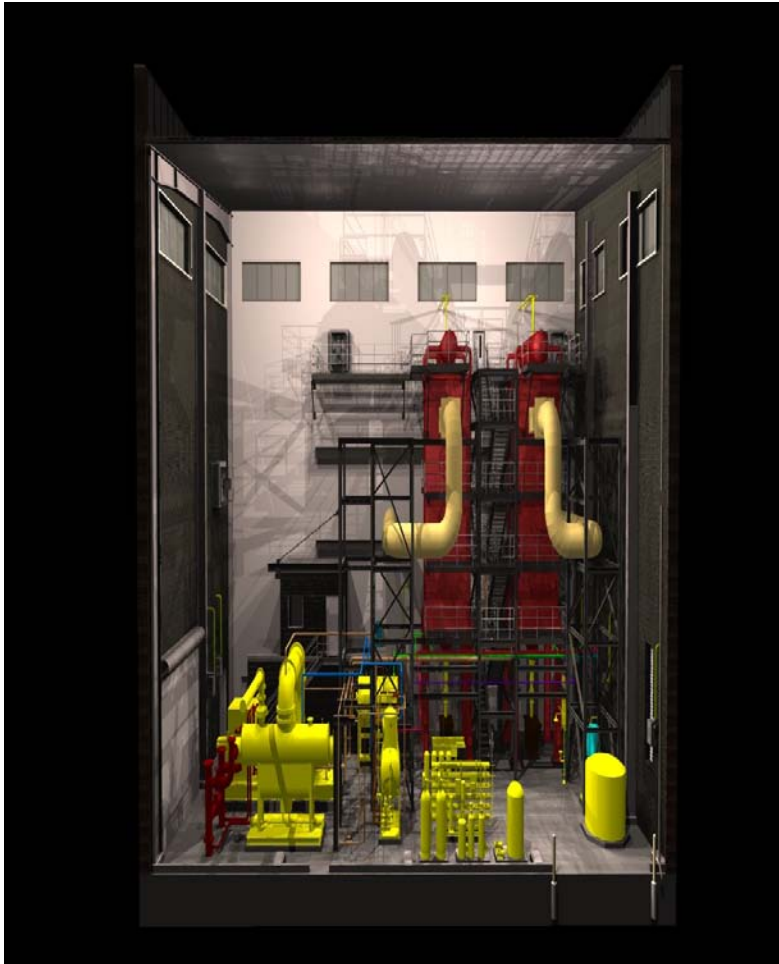


Hartford Water Pollution Control Facility Incinerator Upgrades & Heat Recovery Facility

Hartford, CT



The above is a 3D drawing of the Hartford Water Pollution Control Facility's electrical production process.

This project is part of the Metropolitan District's Clean Water Project, which involves a \$400 million investment into expansions and improvements at the Hartford WPCF, the state's largest wastewater treatment plant.

Banton was retained as the general contractor for the project and will perform the complete construction, including the installation of all necessary mechanical and electrical equipment.

In addition to the incinerator upgrades, Banton is constructing a new heat recovery facility, which when complete will provide up to forty percent of the MDC's electrical needs. The system will offset the cost of the facility's high electric demand by capturing the excess/waste heat from the plant's incinerators and using it to generate electricity.

Banton has also completed several additional projects with the MDC in the past, including various additions and improvements to the Hartford and East Hartford facilities.

The largest of these projects involved extensive upgrades to the MDC's Motor Control Center. Banton was retained to perform the full automation of two incinerators, as well as installation of new instrumentation and the integration of existing instrumentation into a new SCADA system and control room constructed by Banton. Banton also replaced three of the MDC's existing motor control centers in order to meet the needs of the new SCADA system.

Role: General Contractor

Owner: The Metropolitan District Commission

*Architect/
Engineer:* Black & Veatch Corporation

