

SULLIVAN ASSOCIATES

Typical Project Descriptions

Global Electronics Manufacturer and Retailer Briarcliff Manor, New York

New National Corporate Data Center

Sullivan Associates worked with client representatives in designing and installing a total Building Automation, Energy Management and Monitoring System.

Scope and Requirements

- To modernize a 30-year old building, reduce high maintenance and staffing requirements as well as dependence on manually operated electrical and mechanical systems, and reduce annual operating costs.
- Replace existing Honeywell System with DDC Controls to modernize a 36,000 square foot National Corporate Data Center.

Project Statistics

- Two story, 36,000 square foot building.
- 600 tons of central chilled water: 200 tons on-line, 400 tons backup and future.
- 4,000 amp Main Switchgear System.
- Two Diesel Generator Backup Systems, 1500 kw.
- Modular Dual Fuel Boiler System providing steam and hot water.

Control System

- Automated Logic System 20/20 - 250 pts.

Outcome and Results

- Engineered, installed and commissioned a totally automated project with high efficiency Electrical and Mechanical Systems.
- Reduced on-site maintenance staff from six to two.
- Automated System now allows for on-site and off-site Central Monitoring and Building Control.
- Improved reliability and overall cost reductions.

Sullivan Associates met and surpassed Client objectives in delivering project on budget and ahead of schedule.

