



## CITY OF NEW YORK- PUBLIC SAFETY ANSWERING CENTER II

New York, NY

### Public safety building embraces sustainability and attains LEED Gold®

The 537,837 square foot Public Service Answering Center II functions as a parallel operation to the existing PSAC facility and augments and provides redundancy to the current emergency 911 response services in New York City. The facility serves as a streamlined emergency-call intake and dispatch center for all of the city's first responders. It houses call/dispatch space, data center, locker rooms, offices, and other spaces that support the emergency response functions of the New York City Police Department, New York City Fire Department, and Department of Information Technology and Telecommunications.

As commissioning authority, NORESKO performed commissioning of the mechanical, electrical, plumbing and control systems including the chilled water system, condenser water system, hydronic heating, fire suppression, emergency power and paralleling switch gear, UPS systems, communications, and building management systems. This comprehensive commissioning scope ensures that building systems and accessories are installed and operate according to the owner's project requirements.

During the commissioning process, NORESKO executed functional performance verification of equipment at both individual and system levels followed by an integrated system test of the entire facility. Procedures included a pull-the-plug test to demonstrate the emergency power system response and operation to accommodate the building mechanical and electrical systems under varying systemic conditions.

NORESCO and the project team actively formulated solutions to resolve open issues. A total of 1,135 commissioning issues were identified, all of which were resolved by NORESKO and the project team. The nature of the issues included equipment installation, mechanical and electrical equipment operation, sensor calibration issues, building management system programming and alarm issues, sequences of operation as designed, testing and balancing (TAB) report review, and basic conformance to the design plans and specifications.

To further verify optimal building performance, NORESKO also ensured comprehensive and suitable training of operations and maintenance personnel and provided detailed and informative operations and maintenance documentation.

### Certification

- ▶ LEED Gold®  
LEED® for New Construction™ v2.2

### Services

- ▶ LEED Fundamental and Enhanced Commissioning
- ▶ Operations and Maintenance Plan Development

### Results

- ▶ Achieved LEED EAp1 and EAc3
- ▶ Verified and documented building systems were properly installed and operating

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