



Hackensack University Medical Center New Pavilion Tower Commissioning



SERVICES

Healthcare
Commissioning

PROJECT SNAPSHOT

Concord Engineering provided LEED-enhanced fundamental and enhanced commissioning for a new pavillion at Hackensack University Medical Center.

REFERENCE

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PROJECT BACKGROUND

Hackensack University Medical Center, the flagship hospital of New Jersey's most comprehensive and integrated health network, is transforming its campus with the construction of a new, state-of-the-art patient pavilion. With a gross square footage of 530,000 square feet (438,000 usable sq. ft.), the building will feature nine floors of cutting-edge technology and a superior design to provide patients and families with world-class acute care, while enhancing comfort and privacy. Concord Engineering was hired as the third-party commissioning agent to execute the Fundamental and Enhanced Commissioning necessary for LEED compliance.

THE CHALLENGE

- The magnitude of the build-out required a lengthy design and construction period.
- The building's large size made it difficult to adhere to LEED requirements of a metering strategy for ongoing energy management and pinpointing opportunities for energy reduction.

THE CONCORD DIFFERENCE

- ✓ Ability to meet all requirements for LEED Silver certification.
- ✓ Successful track record as a Commissioning Agent for large projects
- ✓ Known for a hands-on approach and holistic view to ensure success
- ✓ Extensive healthcare experience

THE SOLUTION

- In addition, Concord Engineering has been asked to commission systems not required by LEED to ensure they are designed and installed properly to ensure the state-of-the-art facility operates at its optimum performance.
- The following systems were commissioned by Concord Engineering for the project. HVAC, Building Automation System, Emergency Power, Medical Gas Systems, Plumbing Systems, Nurse Call, Vertical Transportation, Refrigeration Systems, Life Safety Systems, and Lighting Control Systems.