



Dome-Tech, Inc.
A UTC Power Company

Case Study

Project Scope:

LEED Commissioning

Facility Description:

500,000 s.f.
14 floors

Completion Date:

2013

Medical School Client

New York, New York

Dome-Tech, Inc. was selected to perform LEED (Leadership in Energy and Environmental Design) commissioning activities for a large Medical School in New York City.

The building is scheduled to open in the Spring of 2013. The building comprises 500,000 GSF on 14 floors. The science and research center is comprised of 11 above-ground levels with a mezzanine above the 11th floor. The building will consist of a vivarium facility, patient care areas, offices, labs, and state-of-the-art medical imaging suites

The design and construction of the facility will incorporate numerous sustainability designs and will use LEED as a benchmark to ensure sustainability criteria. These criteria will be addressed through the use of, automatic hood sash control, and high efficiency heat recovery.

The LEED™ commissioning process specifies that all HVAC and controls systems, ductwork and piping, renewable and alternative technologies, lighting controls and day lighting, waste heat recovery, and any advanced sustainable technologies (such as solar power, and thermal storage) must be commissioned in new buildings. The project approach proposed for this facility exceeds the United States Green Building Council (USGBC) requirements for Fundamental Commissioning, Prerequisite 1 and the Additional Commissioning Credit, Enhanced Commissioning Credit 3.

Dome-Tech has performed extensive commissioning design reviews of the building system construction documents, and participated in the LEED workshops.