

## CASE STUDY

# Josie Robertson Outpatient Surgical Facility Benefits from Edison Energy Cx Process



## SCOPE

Stantec Consulting, on behalf of Memorial Sloan Kettering Cancer Center (MSKCC), contracted Edison Energy to serve as the Commissioning Authority for The Josie Robertson Outpatient Surgical Facility located at 1133 York Avenue in Manhattan, NY.

Edison Energy's responsibility was to review design drawings, perform construction site visits, perform installation checks, and functionally test all equipment within scope. Equipment was tested both individually and as a part of the system it serves. Considerable attention was paid to the BMS system to ensure proper alarm points and safety provisions were satisfied for all systems.

Systems commissioned included:

- › Entire Automated Control System of building
- › HVAC systems
- › Heating system:
  - Boiler plant
  - Steam system
  - Domestic/Hot water system
- › Electrical
- › Lighting and lighting controls
- › Scheduled/occupancy sensor lighting controls
- › Plumbing
  - RPZ and backflow preventer
- › Fire Alarm System
- › Fuel Oil System

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## CLIENT

Memorial Sloan-Kettering Cancer Center

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## MARKET

Institutional

› Healthcare/Hospitals

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## OFFERINGS

Commissioning



## Memorial Sloan-Kettering Cancer Center

### MISSION

The mission of Memorial Sloan-Kettering Cancer Center and Affiliated Corporations is to provide leadership in the prevention, treatment and cure of cancer through excellence, vision and cost effectiveness in patient care, outreach programs, research, and education.

### PROJECT RESULTS & KEY METRICS:

|  |   |
|--|---|
| <b>Sq. Ft.</b>                           | 179,350   |
| <b>Building Stories:</b>                 | 15  |
| <b>LEED Certification:</b>               | Silver  |
| <b>Issues Identified &amp; Resolved:</b> | <ul style="list-style-type: none"><li>&gt; 274 during Design Phase</li><li>&gt; 60 during Construction and Acceptance Phase</li></ul> |

### CUSTOMER VALUE

The Josie Robertson Outpatient Surgical Facility has benefited from applying the commissioning process; MSKCC Engineering requirements were more fully integrated into the design process through the Feasibility and Design Review phases, and quality assurance was delivered through field-testing and verification. Concurrently, solutions were facilitated with the project team to close identified issues.

A total of two hundred-seventy-four (274) issues were identified and resolved during the Design Phase. Sixty (60) issues were identified during the Construction and Acceptance Phases of the commissioning process. At project completion, all open items in the design, construction, acceptance, and post-acceptance phase had been resolved.

Edison Energy is an independent energy advisory and solutions integration company with the capabilities to develop and implement a broad portfolio of energy services for commercial, industrial and institutional organizations. We help customers reduce their energy costs, improve the environmental performance of their operations, ensure energy resiliency and manage exposure to energy price risk.