

# GEATAIN ENGINEERING

## CASE STUDY-PARC 15 COOPERATIVE



### BACKGROUND

Parc 15 is an attractive 14-story building constructed in 1964 with a total square footage of 136,191 square feet. The building was converted into a cooperative in 1984 and has 188 apartment units. The building features a Zen-styled lobby with many windows, landscaped roof deck with fantastic views, underground garage, laundry room, and bike storage. The building also has a canopied entrance, a full-time service doorman, and a live-in super. The building is located near both Union Square and Gramercy Park and many restaurants and stores surround the area.

### HOW GEATAIN ENGINEERING HELPED

- Granular electrification analysis leads to new insights regarding capital cost savings
- Completed extensive amperage study of common area and unit electric panels for electrification sufficiency.
- Analyzed building operations to determine precise recommendations to improve occupancy comfort, streamline operations and lower carbon emissions.

### BENEFITS

- Building management system (BMS) eliminates routine operations practices and tracks energy consumption in real time.
- Advanced controls align comfort levels to changes in occupancy throughout the day.

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SIMPLE LL97 COMPLIANCE  
PAID BY OTHERS

### CHALLENGES

- Determining heating and cooling losses.

### SOLUTIONS

- Air condition insulation.
- Energy consumption meter.
- Heat recovery loop system.

### LIFECYCLE SAVINGS

\$ 268,250

For more information,  
email [tjm@geatain.com](mailto:tjm@geatain.com)