

# NEW YORK MARRIOTT MARQUIS

NEW YORK, NY, USA

HOSPITALITY

## OVERVIEW

The New York Marriott Marquis at 1535 Broadway in New York city has 49 floors, 1966 rooms and suites, and 124,755 ft<sup>2</sup> of public space. The total area is 2,080,000 ft<sup>2</sup>.

## PROJECT DETAILS

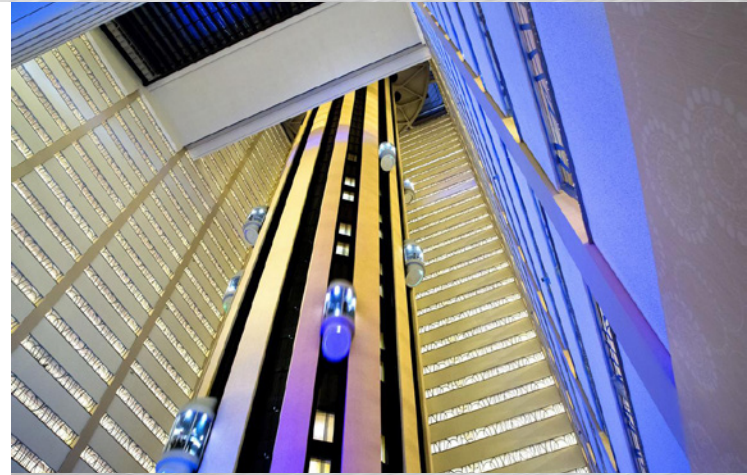
Reliable Controls Authorized Dealer, Energy IQ Group, LLC, successfully completed this retrofit project.

The networked hardware includes BACnet<sup>®</sup> MS/TP to unitary devices. The mechanical equipment includes the chilled water air handlers, chiller plant, boiler plant, and domestic water pumping.

This project is unique due to a requirement to keep the 37-storey atrium pressurized 24 hours a day, 365 days per year. The building pressurization was a challenge that was confronted and resolved.

For more than a decade, Energy IQ has provided building management and energy conservation support. As a result, the energy savings for the first year of operation was approximately one million dollars.

To learn more about projects using Reliable Controls<sup>®</sup> visit [www.reliablecontrols.com/projects/overview](http://www.reliablecontrols.com/projects/overview)



### PROJECT TYPE:

Retrofit

### INSTALLATION TYPE:

Boiler, Chiller, CO<sub>2</sub> Monitoring, Fan Coil Unit, HVAC, Power, VAV, Demand Response, Generator Monitoring

### TOTAL AREA:

193,238 m<sup>2</sup> (2,080,000 ft<sup>2</sup>)

### NETWORK:

BACnet, EIA-485, Ethernet, Fibreoptic, WAN, Wireless

### POINTS:

5,000+

### EQUIPMENT INSTALLED:

MACH-ProCom™  
MACH-ProSys™  
MACH1™  
MACH2™  
MACH-Air™  
MACH-ProZone™

### RELIABLE CONTROLS<sup>®</sup> DEALER:

Energy IQ Group, LLC

www.reliablecontrols.com