

Electric Vehicle PowerReady Program

Project Type
Multifamily Garage

Charger Type
Level 2 EV Chargers

Location
New York, NY

Overview

The Balfour Owners Corp. wanted to install charging stations for present and future EV owners in a way that maximized availability.

Partner DVM Industries helped them install 20 Level 2 charging stations with 25 ft. ports spread evenly throughout the garage.

Infrastructure upgrades included:

- Wiring
- Conduits
- Panel Upgrade
- Project Management
- Engineering/Design
- Permitting
- Electrical Connections
- Disconnect Switches

This cost-effective approach allows EVs parked in any of the 73 spaces access to a charger. Best of all, incentives from Con Edison's PowerReady program **covered 50% of the costs.**

In addition, DVM leveraged PowerReady's future proofing incentives to increase conduit and panel sizes. In the future, Balfour Owners Corp. can hire an electrician to simply pull wire through the existing conduit and mount a new charging station.

The last hurdle was that the building's power was only able to support 15 of the 20 stations at full load. DVM was able to partner with EVOKE software to monitor the power and share the stations' load to not exceed the 480 available amps. This allowed for 15 stations to run at full load, and if more than 15 chargers were plugged in and charging at the same time, the software would proportionally drop the speed across the chargers to stay below the 480 amps limit.

Between the design, PowerReady's infrastructure and future proofing incentives, and the load management software, DVM was able to achieve the customer's immediate needs while setting them up for success in the future.



Project Snapshot

Project Details:

20 L2 charging stations, 20 non-proprietary plugs

Project Type:

Multifamily building in a DAC zone

Infrastructure Cost:

\$390,100

Con Edison PowerReady Payment*:

\$198,400

**% of project cost covered by Con Edison:
50% plus future proofing**

**Incentives may have changed since this project was completed. For current incentives and more information, visit [Con Edison PowerReady Program](https://www.coned.com/powerready), or email EVMRP@conEd.com.*

Project Partners

Developer & Approved Contractor



Equipment



Software



"Installing these chargers has greatly increased tenant satisfaction as they can charge their cars right where they live and it has also encouraged more tenants to explore purchasing electric vehicles. We are proud to be part of the first wave of this movement and working towards meeting our country and city's sustainability goals!"

—First Service Residential