

Live Green Apartments, 241 Brimhall

Type: Market-rate rental apartment building

Size: 19 units

Location: 241 Brimhall Street, St Paul, MN 55105

Year built: 1925

Parking: 15 parking spaces behind the building.

Website: <http://livegreenapts.com/>

Description: Live Green Apartments is a family owned and operated apartment management company that works to protect the environment by using eco-management strategies in their apartment buildings.



Parking:

241 Brimhall presently has 15 parking spots behind the building in a parking lot with a dirt surface. Live Green Apartments is planning to redesign and pave the parking lot in 2014, and at the same time they will also run conduits to make the lot PEV charging ready.

PEV Charging plans and infrastructure:

This parking lot redesign project provides an excellent opportunity for Live Green Apartments to add some PEV charging infrastructure and extra conduits for future expansion. Electric service is located in the boiler room at the back of the building next to the parking area and there is plenty of wall space for additional junction box and meter installations. Parking spots by the wall are close to the boiler room, and even the furthest spots are not that far. Numbers of Level 2 EVSEs, 120V outlets and extra conduit runs have not yet been decided, but will be determined during the design process in 2014.



120 volt outlets can be covered with a lockable box that prevents unauthorized usage and charging cord theft.

240V EVSEs can be installed inside a lockable box that can also contain the charging cord. This prevents unauthorized usage, vandalism and charging unit/cord theft.



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Metering and billing:

Living Green Apartments will talk with vehicle owners and choose the right service level by using the MHC Decision Tools (see the Tools section at www.multihousingcharging.com). For 120 V outlets they will set a monthly flat fee based on users' estimated driving needs. For 240V EVSEs LGA will install submeters and use flat fee billing with annual submetering-based adjustment.

Purchase and ownership of EVSEs:

LGA will purchase the Level 2 EVSEs and Level 1 outlets.

Installation cost sharing:

LGA will install the Level 2 EVSEs and Level 1 outlets.

Signage and parking enforcement: Parking spots equipped with charging systems will be assigned to residents and parking enforcement will operate the same as with any other assigned parking space in the facility.

Insurance needs: There will be no extra insurance requirements for PEV owners.

Future expansion capability: At this location the limiting factor is the number of available parking spots.

Public charging availability nearby: There is no public charging infrastructure nearby. The closest charging station is about a half mile north at Macalester College.

