

Live Green Apartments, 622 Grand Avenue



Type: Market-rate rental apartment building

Size: 24 units

Location: 622 Grand Avenue, St Paul, MN 55105

Year built: 1919

Parking: 6 parking spots 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. 622 Grand Avenue also hosts the Living Green Apartments office.

Each of LGA's properties is less than half a mile from the nearest car sharing hubs, and the Grand Avenue buildings have a Nice Ride bike sharing station right outside.



Parking:

With 24 apartments and only 6 parking spots behind the building, 622 Grand has very little parking space. These parking spaces are assigned and there is often a waiting list to get a spot.

PEV Charging plans and infrastructure:

There are already two 120V outlets by the parking spots that could be used for charging. None of the residents presently living in the apartments owns a PEV, but Live Green Apartments wants to be prepared for future requests. The main service panel and electric meters are almost at the other end of the building from the parking area. The wall where meters and service panels are installed is fairly crowded, but there will be enough space for submeters if necessary, and the conduit can be installed either above the dropped ceiling in the hallway or outside on the side of the building.

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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 house the charging cord. This prevents unauthorized usage, vandalism and charging unit/cord theft.

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 the user's 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: Future expansion is limited by the number of available parking spots.

Public charging availability nearby: There is no public charging infrastructure nearby. The closest charging station is about a mile and a half northeast at the Saint Paul College parking ramp.



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