

Brunsfeld North Loop Apartments



Type: Market-rate rental apartment building

Size: 47 units

Location: 915 Washington Avenue North, Minneapolis, MN 55401

Year built: 2013

Parking: 58 parking spaces in heated underground parking

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

Description: Brunsfeld North Loop is located in the Minneapolis Warehouse District and they are committed to helping their residents live more sustainably. The property design integrates an array of features to make sustainable living part of your everyday life. Eco-friendly attributes include organic community gardening plots, Nest Learning Thermostats and a Nice Ride bike rental station just steps from the front door.

Parking:

Brunsfeld North Loop has 58 spots in their heated underground garage. Parking is assigned and costs \$125/month per spot. On-street parking next to the building is metered by the City of Minneapolis.



MultiHousingCharging.com Case Report

PEV charging plans and infrastructure:

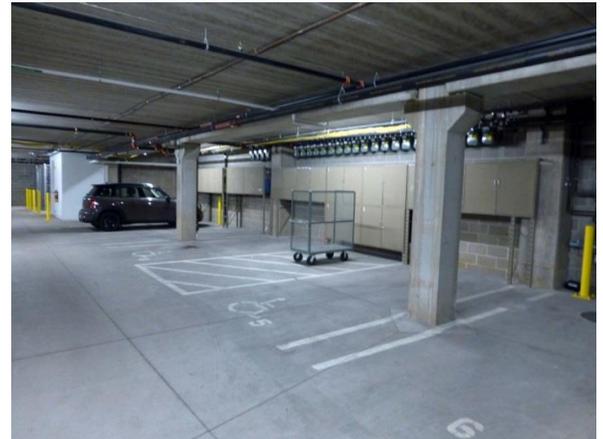
Brunsfeld North Loop is a brand new building with premium amenities. PEV charging was included in the original design, but left out due to budget restrictions. Management does see the value in PEV charging and is interested in finding a way to provide the service for their residents.

The electrical room is located on the street level and common area breaker boxes are located there. The present breaker boxes don't have room for extra breakers, so charging station installations will require installing at least one new breaker box either in the electrical room or in the underground garage area. Management will consider installing a mix of Level 2 EVSEs and some regular outlets to provide Level 1 charging for those who find that service adequate for their driving needs. Management is also considering educating their residents about PEVs and providing a PEV as a shared vehicle for the residents.



Metering and billing:

Brunsfeld North Loop management is planning to set a flat monthly fee for charging. They will use the Multi Housing Charging worksheets (www.MultiHousingCharging.com/Tools.html) to calculate the charging needs and estimated energy consumption.



Purchase and ownership of EVSEs:

Brunsfeld North Loop will purchase the Level 2 EVSEs.

Installation cost sharing:

Brunsfeld North Loop will install the Level 2 EVSEs.

Signage and parking enforcement: Parking spots equipped with charging systems will be assigned to residents and parking enforcement will operate the same way as with any other assigned parking space in the facility. Parking space assignments will be organized so as to provide optimal cord management for all PEV users, taking into account the charging port locations of different vehicles.

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

Future expansion capability:

After installing new breaker boxes, Brunsfeld North Loop can easily add more Level 1 and Level 2 charging infrastructure to their parking area in the future.

Public charging availability nearby: There are several charging stations about a half mile away in Parking Ramps A and B.

