

Stone Arch Apartments



Type: Market-rate rental apartment building

Size: 221 units in two buildings

Location: 601/701 Main Street SE, Minneapolis, MN 55414

Year built: 2003

Parking: 202 parking spaces in 2 level heated underground parking and 68 spaces in an outdoor lot

Website: <http://stonearchpts1.com>

Description: The Stone Arch Apartments is a market-rate rental apartment building in the Mississippi riverfront area of Minneapolis. Stone Arch Apartments' location by the University of Minnesota and just across the river from downtown makes it ideal for multi modal transportation and residents who are looking for new transportation options.



Parking:

Stone Arch has 202 parking spaces in 2 level heated underground parking and 68 spaces in an outdoor lot. Parking spots are assigned – heated garage spots cost \$100/month and outside spots are \$70/month.

PEV charging plans and infrastructure:

Stone Arch has some 120V outlets in the parking garage that can be used for PEV charging. They have installed one 240V outlet for one of the residents. He is using that to charge his EV using his own EVSE. Building management will install more outlets/EVSEs when they receive requests from residents.



MultiHousingCharging.com Case Report

Metering and billing:

First user is paying a flat monthly fee of 25 dollars/month for charging. His station is currently not metered. Management will consider using submetering in future installations if they see a need for it.

Purchase and ownership of EVSEs:

Vehicle owner purchased and owns the Level 2 EVSE.

Installation cost sharing:

Stone Arch Apartments installed the outlet for the Level 2 EVSE.



Signage and parking enforcement: Parking spots equipped with charging systems will be assigned to residents and parking enforcement will operate 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:

Stone Arch Apartments can easily add more Level 1 and Level 2 charging infrastructure to their parking area. Building management can install more outlets/EVSEs when they receive requests from residents since building electrical service has space in breaker boxes to install more circuits for PEV charging. New charging infrastructure would most likely be installed close to the electrical room in the middle of garage to keep the conduit runs short

Public charging availability nearby: The closest public charging stations are in downtown Minneapolis and on the University of Minnesota campus.

