



Twin Cities Electric Vehicle Mobility Network



Charging Hub Location Selection Process



The Twin Cities Electric Vehicle Mobility Network is a new network of electric car charging hubs offering an affordable, reliable, and climate-friendly way to get around the Twin Cities. The cities of Saint Paul and Minneapolis, together with HOURECAR and Xcel Energy, are building charging hubs over a 35-mile service area that will provide a new fleet of electric car-share vehicles and public electric vehicle charging. Each charging hub location was carefully selected using a four-step process:

1 Neighborhood Selection

Considerations taken when selecting neighborhoods for the charging hub locations include:



Transit usage



Resident demographics



Density of renters & public housing



Density of one- and zero-vehicle households



Density of existing & planned bicycle facilities



Roughly a 10-min walk between hubs within the service area

2 Siting Requirements

Is there 80-100' of uninterrupted curb that meets these requirements?

- 5' from driveways and alleys
- 30' from stop signs
- 10' from any fire hydrant
- Wide boulevard and sidewalk
- Ideally located on a two-lane road



Is there bike parking nearby or room to install some?

Does the site allow for ADA considerations?

Are there any bicycle facilities nearby?
Does it conflict with an existing or planned bicycle facility?

Is there a transit stop nearby?

3 Agency Coordination

Review by divisions and agencies to avoid conflicts:



4 Additional Considerations

While charging hub locations are nearly finalized, input from adjacent property owners and tenants is being gathered regarding a narrow scope of issues, such as:



Is there an **unmarked loading zone** for a business where there is no feasible alternative location for loading?



Is there an **unmarked bus layover area** where there is no feasible alternative for laying over?



Are there any other **important local curbside activities** that a charging hub could negatively impact?

For more information, visit:
www.stpaul.gov/EV

For questions, contact:
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