

Site Selection Checklist



Electric Vehicle Supply Equipment (EVSE) site selection is important to an efficient and effective electric vehicle transportation infrastructure.

Use this checklist to identify good EVSE site locations:

- ☐ Will the site be available for public access?
- ☐ Is the site in a high trafficked or attended area?
- ☐ Is the site spread out from other charging stations?
- ☐ Will the site be highly visible?
- ☐ Will the site be an area where people plan to spend at least a 1/2 hour?
- ☐ Will the site be capable of network connectivity through a cell signal or WIFI?
- ☐ Is the site safe for public access? (i.e. away from moving traffic and other hazards and well lit if nighttime charging is anticipated)

Useful tips and info

Good charger density and visibility can aid in reduction of range anxiety and extend public awareness of electric vehicles. Through careful planning, we can anticipate future needs and place groundwork to expand as EV base matures.

Installation cost will vary greatly depending on the proximity to a power source, so efforts should be made to balance cheap parking spaces with visible parking spaces. Parking lots are ideal locations, especially ones that are high capacity and have high traffic during all times of the day and night.

To increase public awareness and visibility, consider including educational displays at the site. City-vehicle or visible special fleet only locations can promote the message as well.

Public Map of EVSE in Virginia:
<http://www.afdc.energy.gov/afdc/locator/stations/>

Please register EVSE online at http://www.afdc.energy.gov/afdc/progs/station_form.php or submit by phone to 540-568-8896 or by email aharned@hrccc.org

