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Charging Station Requirements/Installation

INSTALLATION REQUIREMENT:

- For DCFC (Direct Current Fast Chargers)
 - Three-phase Power
 - 277/480 V
- For Level 2 Chargers (AC)
 - Single-phase Power
 - 208V or 240V
- Wired or Wireless Broadband or Cellular Service for Networked Stations
- “EV Charging Only” Sign for each charging/parking stall
- Parking stall pavement marked with EV charging only statement/picture

LOCATION CRITERIA CONSIDERATIONS

- For DCFC: Distance to Nearest DCFC
 - 50 miles preferred
 - Load factor of Nearest DCFC
- Highway Corridors
- Highway Intersections
 - N-S and E-W

SITE HOST CONSIDERATIONS

- Ability to expand the number of stations and parking stalls
- Visibility to main traffic
- Not prime parking spots to reduce the chance of a gas-powered vehicle parking there
- Restrooms and restaurants available for those charging
- Convenience stores with drinks and snacks nearby
- Adequate Lighting
- Advertising
 - Credit to the Financial Partners

NICE TO HAVE

- Pull through charging/parking for easier accessibility
- Space for trucks pulling trailers
- Overhead coverage for charging stations (awning and possible solar)