



Photo: AC chargers at Harry Reid International Airport, Las Vegas, NV

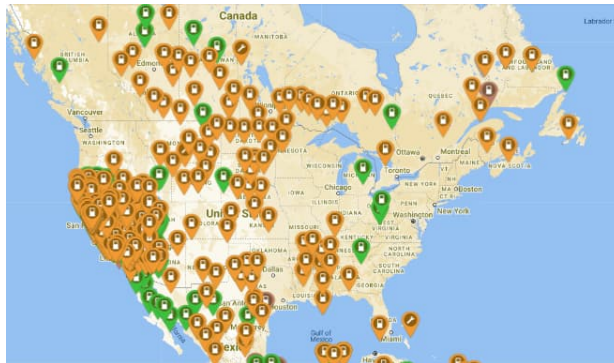
# EVSE Indicating Device

**Item EVF 24.1: explicitly allow a mobile display as option to a display mounted on an AC (Level 2) EVSE**

September 18, 2023

## Public Level 2 Charging

- AC
- Up to 80A/19.2 kW
- Typical charging session of 2 to 4 hours
- Majority at long-dwell locations
  - Workplaces
  - College campuses
  - Hospitals
  - Multi-family dwellings
- Over 120,000 installed



## Why Our Proposal

- EVF 24.1: allow mobile display option
  - Price, quantity delivered, amount paid
- Why a display on the charger is not necessary
  - Successful history without the display
  - 1-800 number available as fail-safe
- Why a display on a smart phone is sufficient
  - Consistent with FHWA (NEVI) requirements
  - Permitted by NTEP
  - Consumers always use them now, even when a display is available
  - Smart phone provides a better consumer experience
- Why the mobile option is needed
  - Equipment cost is lower
  - Maintenance cost is significantly lower
  - Reliability is significantly higher
    - Public charger reliability is a source of widespread consumer complaints
- Recommended status
  - “Developing”
  - (Same as CWMA adopted last week)