

EVSE & DCFC Chargers

Do's & Don't's and What's Next

DO's

- Have a ***Champion*** – nothing will get done without one.
- Have a PLAN.
- Install Conduit/Raceways when:
 - you are repaving a parking lot,
 - putting up a parking structure, and/or
 - installing solar in a parking lot (will be required in revised Title 24).

DO's

- Know the good and bad about each software firm and EVSE/DCFC you are considering. (Some EVSE and DCFC are “better” - more reliable - than others.)
 - Are individual EVSE **OCCP Compliant** or compliant at Network Level?
- Know which firms will provide timely support.

DO's

- Know how you will PAY for the improvements and ongoing costs.
- Know *ALL* your costs (Networking, Monthly Access, Support, Contract Maintenance & Repair costs in the out years, etc.).
- KEEP PRICING AFFORDABLE.
- Learn about Low Carbon Fuel Credits (**LCFC**)
- Know about Demand Charges and how to avoid them – especially with DC Fast Chargers.

DO's

- Know what's coming and how to position your agency.
 - Manufacturers to produce and sell more Light Duty Vehicles.
 - Longer range cars.
 - ADA requirements.
 - Requirements to Post Pricing.
 - ADA Requirements.
- **THINK Disadvantaged Communities and Multi-Family.**

DON'Ts

- Don't Think Short Term –
 - “Blindly” select a vendor to provide and maintain EVSE and network.
 - Get “LOCKED-IN” to single Vendor or Network.
 - Accidentally Forfeit LCFC or Federal Credits.
- Install Level 1 unless you are installing at a long term Airport lot.

Would Your Agency Do This?



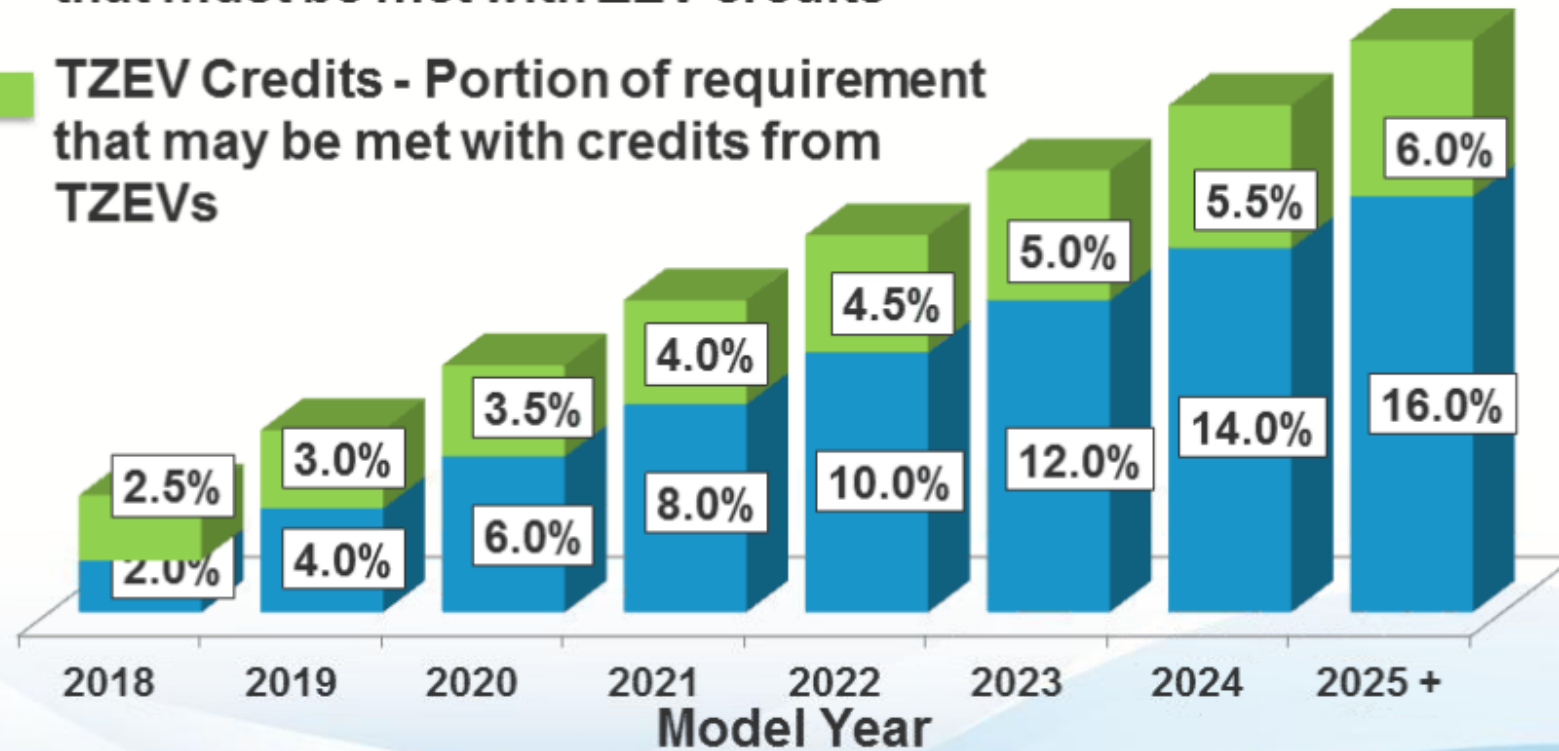
What's Next:

- ADA Requirements begin January 1, 2017.
- New Title 24 will require pre-wire for EVSE and Storage.
- New 2018 cars will have bigger battery packs up to 60 kWh for a range of 150 to 200 miles.
- New CARB requirements (for 2018 and beyond) for manufacturers – 10% of new cars ***and light trucks*** sold in 2020 will be plug-ins. Increases from there.

ZEV Requirement

ZEV Percentage Requirements for LVMs

- Minimum ZEV Floor - Portion of ZEV requirement that must be met with ZEV credits
- TZEV Credits - Portion of requirement that may be met with credits from TZEVs



ADA Requirements

- Level Ground
- Path of Travel
- Van Accessible Space
- No Cords on the Ground