



Climate Action Plan/CAP Consistency Checklist

Electric Vehicle (EV) Parking/Charging Facilities

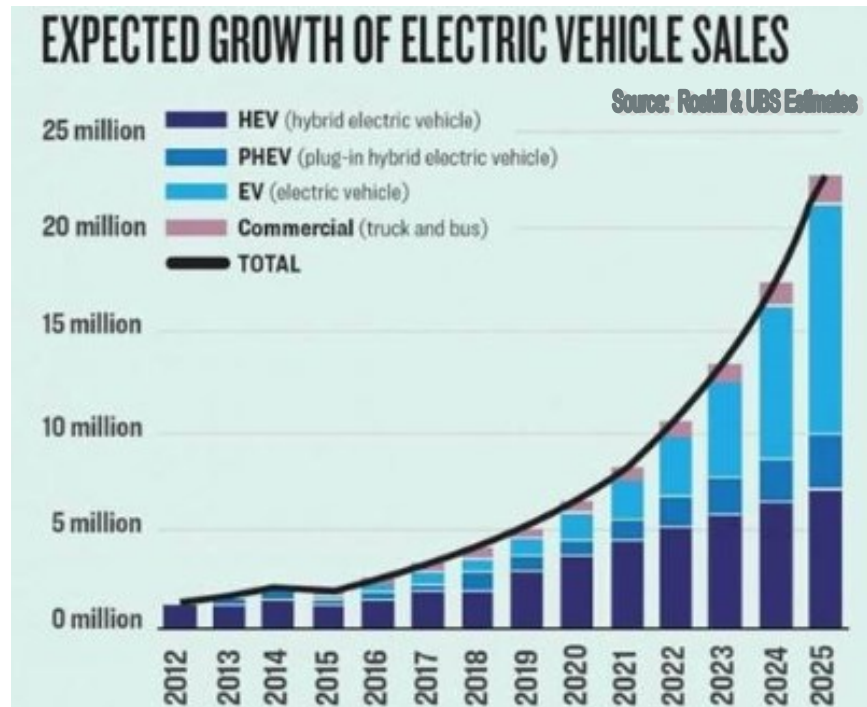
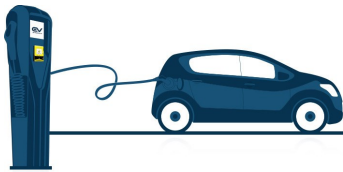
EV standards are detailed in Section 3048 of the City’s Zoning Ordinance

EV Key Acronyms

- ◆ EVSE (Electric vehicles supply equipment)
- ◆ HEVs (Hybrid electric vehicles)
- ◆ PEVs (Plug in electric vehicles)
- ◆ PHEVs (Plus in hybrid electric vehicles)
- ◆ ZEVs (Zero emission vehicles)
- ◆ Level 1 (120 volt charging)
- ◆ Level 2 (240 volt charging)

Oceanside’s Climate Action Plan (CAP) establishes greenhouse gas emissions reduction measures that support the City’s commitment to reducing the community’s carbon footprint. To address GHG emissions in the transportation sector, the CAP calls for reserved parking and charging facilities for electric vehicles. These measures are meant to increase the share of electric vehicles in the regional vehicle fleet. The proposed EV ordinance (ZO Section 3048) establishes requirements slightly more exacting than recently adopted state standards for EV parking and charging facilities in new multifamily and non-residential development. Projects meeting certain thresholds are required to reserve at least 15% of total required parking spaces for electric vehicles and equip at least half of these reserved spaces with EV chargers. In calculating the required number of reserved EV parking spaces, any fractional requirement is rounded down to the nearest whole number. Should updated state standards exceed the City’s standards, state standards will apply.

Preferential EV parking and charging facilities are expected to increase demand for EV facilities, as illustrated in the graph below.





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What types of projects are required to comply with this ordinance?

All new multi-family residential and non-residential construction, major additions that require new parking, and alterations to existing developments with electric vehicle charging capabilities as part of the project.

The City's CAP provides EV measures and strategies for EV charging stations, pre-wiring for new developments, EV designated parking requirements and compliance with [Green Oceanside](#) incentives. More information regarding the City's CAP zero emission/electric vehicle regulations can be accessed in the City's [Climate Action Plan](#).



NCTD (North County Transit District) is located in the City's downtown area and provides EV charging opportunities through Level 2 charging facilities.

Retail Shopping Centers have converted small percentages of their available customer parking to EV charging stalls. Staff anticipates higher percentages of EV stalls will be coming in the future.



The sites listed above comply with the state's Assembly Bill 1236, which outlines the permit process and communication requirements for EV charging facilities. The San Diego Association of Governments (SANDAG) Regional Planning Agency provides a regional EV charging program that includes incentives for public and workplace Level 2 charging infrastructure similar to the sites above. SANDAG's Energy and Climate Change Program provides information regarding federal policies for EV development. The program provides information on different tax credits, rebate programs, and other incentives from various agencies, such as the [Air Resource Board](#), [Caltrans](#), [SDG&E](#) and many more. See the [SANDAG's Regional Electric Vehicle Charging Program](#) website for additional resources and information on ways to reduce our carbon footprint through EV development.