

Chula Vista 2024 Climate Action Plan Update

Transportation Sector

Increase Use of Zero Emission/Alternative Fuel

Measure 1.1: Transition to a Zero-Emission Municipal Fleet

Goal: 75% fleet light-duty vehicles and trucks to be zero-emission vehicles by 2030 and 90% zero-emission fleet by 2045

Supporting Actions:

- CARB's Advanced Clean Fleets Requirements: 50% of purchased vehicles are Zero Emission Vehicles (ZEVs) by 2024 & 100% of purchased vehicles are ZEVs by 2027
- Create a Fleet Decarbonization Plan
- Evaluate potential of green hydrogen use for heavy duty equipment

Measure 1.2: Increase Electric Vehicles and Electric Vehicle Charging Infrastructure

Goal: 68% of new light-duty vehicles are Zero Emission Vehicles by 2030, increasing to 100% by 2035

Supporting Actions:

- Require new development to include EV charging and require existing development to retrofit parking with EV charging
- Set public parking EV charging target at 5% of the total available parking spaces within City-operated parking facilities as recommended in the Parking Management Plan
- Require (Tier 2) CALGreen or similar electric vehicle charging infrastructure installations

Measure 1.3: Support Electric School Bus Conversions

Goal: Convert 50% of school buses (90 total) to electric and 100% by 2045

Supporting Actions:

- City to support school districts and transit agencies in their transition to zero emission fleets
- Expand to other fleets that government fleets

Measure 1.4: Continue Operation of Chula Vista EV Community Shuttle Program

Goal: Continue the existing EV community shuttle service through 2030 and expand its service range by 2045

Supporting Actions:

- Identify new partners to expand community shuttle service

Reduce Fossil Fuel Use

Measure 2.1: Continue Traffic Signal Synchronization Program

Goal: Retime 360 traffic signals by 2030 and 660 by 2045

Supporting Actions:

- Expand use of smart traffic signals

Measure 2.2: Install Traffic Calming Infrastructure

Goal: Install 10 roundabouts by 2030 and 5 additional roundabouts by 2045

Supporting Actions:

- Evaluate potential locations for future roundabouts

Reduce Vehicle Miles Traveled

Measure 3.1: Create Safer Biking and Pedestrian Options

Goal: Implement all measures in Active Transportation Plan by 2030 and update the plan by 2045

Supporting Actions:

- Secure grant funding to increase tracking of bicycle lane usage
- Establish a program to promote bicycle use and safety

Measure 3.2: Increase Parking Management

Goal: Implement Downtown Parking Management Plan Recommendation 1: Convert All Parking District Meters (Except Norman Park) to Smart Meters and Recommendation 3: Increase Parking User Fees to: Meters: \$0.75/hour for meters and \$0.50/hour for Surface Lots by 2030 and provide electric vehicle parking at all feasible City-owned parking lots by 2045.

Supporting Actions:

- Reduce or remove parking minimums for developments in walkable neighborhoods or mobility hubs

Comments and Feedback

Please leave comments or feedback with sticky notes below or by scanning the QR code below for an online survey.

