Zero Emission and Alternative Fuel Vehicles – Status Update

Board of Directors
Santa Barbara County
Air Pollution Control District

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Overview

- Plug In Central Coast
- EVs and charging on Central Coast
- EV Readiness Plan
- District grant program for EV Charging
- Alternative Fuels Planning
- Opportunities
Plug In Central Coast

- Mobile sources are under the purview of the California Air Resources Board
  - ZEV Action Plan
  - Federal and state rebates

- Need for local infrastructure and planning to accommodate the new fleet
Plug In Central Coast (cont’d)

• Came about through grant opportunities of the CA Energy Commission and the U.S. Department of Energy
• Collaborative effort of the tri-counties area
  – Ventura, Santa Barbara, San Luis Obispo air districts
  – Community Environmental Council
  – Central Coast Clean Cities Coalition (C5)
  – Coordinating Council consisting of local jurisdictions’ public works, planning and transportation staff
Why EVs are important

- Zero tailpipe emissions
- 100+ mpg
- Reduce GHGs by 75%
- Domestic alternative fuel
Community EV Readiness Plan

• A comprehensive planning effort was made, and the result is the Central Coast EV Readiness Plan
• Available at the District website
Plug in Central Coast EV Readiness Plan

• Steering Committee and Coordinating Council
• EV infrastructure
• EV friendly policies
• Conduit for state/federal grants
• Resources for businesses and public
EVs and chargers locally

- 620 EVs in SBC, 2,900 Central Coast, 102,000 in CA, sales expanding rapidly
Public charging stations

- 93 SB County
- 124 Ventura
- 49 SLO
- 266 tri-counties
District Grant Program

- District EV Charging Infrastructure Grant Program
  - Approved by your Board in May 2011
  - Helped fund equipment and/or installation for several public entities in Santa Barbara County
  - Additional funds available
  - Similar programs in SLO, Ventura
Central Coast – Charge Ahead Project

- 78 charging ports throughout three counties
- Cities, counties, schools, parks
Alternative Fuels Readiness Plan

- One size does not fit all when planning for alternative fuel vehicles (Electric, hydrogen, biofuels, natural gas, propane)
- Santa Barbara County Long Range Planning Division grant effort
- Task force includes all three air districts, experts in field
- Early stages of plan development
Opportunities

• Continue to support local EV infrastructure through District grant program
• Through Plug In Central Coast, continue targeted outreach to willing site hosts in key locations
• CA Energy Commission current grant solicitation PON-14-603
  – Category A: PEV Implementation
  – Category C: FCEV Readiness