

Project FEVER:
FINAL REPORT AND RECOMMENDATIONS FOR THE
REGIONAL AIR QUALITY COUNCIL BOARD OF DIRECTORS
PART 1



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What is Project FEVER?

- > Fostering Electric Vehicle Expansion in the Rockies
- > Funding amount = \$500,000 for one year
- > Dedicated staff: 2.75 FTE
- > Project FEVER objective:
Create a community based electric vehicle infrastructure readiness plan and implement activities in anticipation of larger electric vehicle deployment efforts in the future.
- > This is a statewide effort across Colorado





Project FEVER?

- > Phase 1- stakeholders worked together to address barriers to implementation in 6 key areas:
 1. Regulatory
 2. Permitting
 3. Zoning/Planning
 4. Policy
 5. Education/outreach
 6. Fleets
- > Phase 2- project team developed a publicly releasable written EV readiness plan.
- > Phase 3- future funding - to be well positioned for future monies that directly fund EVs/EVSE



Phase 1 complete

- > 106 Partners!
 1. Private industry, government and transit agencies, non-profits, utilities
 - RAQC, Colorado Energy Office, Dept. of Transportation, Dept. of Public Health and Environment, Public Utilities Commission and State Fleet Management
 - Munis include Denver, Colorado Springs, Ft. Collins, and Boulder
 - Utilities include both unregulated municipal and large regulated such as Xcel

- > 6 Working Groups, 9 Meetings
 1. Regulatory, Permitting, Planning, Policy, Fleet, Education
 2. Consensus on key assumptions and gaps
 3. Solutions identified

- > Data Assessment Team
 1. Data gathering on EV drivers, EVSE usage patterns, trip and travel data
 2. Air Quality Study
 3. EVSE map forecast



Key Findings: Working Groups

- > Regulatory/utility
 1. Encourage off-peak charging to minimize grid impact
 2. Utilities as market enablers (not facilitators)

- > Planning
 1. Commissioned an air quality study
 2. Pre-wiring for new construction
 3. Consistency in signage, directionals, right of ways

- > Permitting
 1. Educate electricians and inspectors
 2. Expedite process for quicker turnaround time



Key Findings

> Policy

1. Fiscal structure that incentivize EV/EVSE
2. Ways to make up for potential lost revenue

> Fleet

1. Apply EVs to best job application within fleets
2. Find values in EVs that connect with qualities of good fleet manager

Sabrina Williams, Air Quality Specialist from CDOT, will provide insight into the air quality study and the impacts of EVs in our region.