

# Reductions Achieved from Incentive-Based Emission Reduction Measures in the San Joaquin Valley

California Air Resources Board

October 24, 2014

# Key Role of Incentive Programs

- Achieve early emission reductions
- Provide investment in clean technology
- Component of California SIPs for 20 years

# Incentive Programs in SIPs

- Mix of local, State, and federal funding
- Today's focus is on the Carl Moyer and Prop 1B programs in the San Joaquin Valley
- \$1.6 billion has been awarded to date statewide from these two programs

# Carl Moyer Incentive Program

- 2013 Legislation reauthorized funding through 2023
- \$151 million awarded in SJV to date
- 5,000 highly polluting engines replaced in SJV to date



# Prop 1 B Incentive Program

- Important for SIP as well as reducing localized health risk from freight movement along California trade corridors
- \$145 million awarded in SJV to date
- 2,900 highly polluting engines replaced in SJV to date



# Tracking SIP Implementation

- California must document implementation of approved SIPs
- Implementation tracking elements:
  - Regulations
  - Incentive programs
  - Emissions accounting

# SJV 2014 Incentive Reductions

- Report documents incentive-based reductions achieved towards meeting the San Joaquin Valley 2014 SIP commitment
- U.S. EPA approves reductions from both regulations and incentives based on the following criteria:
  - Enforceable
  - Quantifiable
  - Surplus
  - Permanent

## 2014 Emission Reductions Achieved

Incentive-Based Emission Reduction Measures	2014 Emission Reductions (tpd)	
	NOx	PM2.5
Moyer Program	3.5	0.1
Prop 1 B	4.4	0.1
TOTAL	7.8	0.2



# Recommendation

Approve *Report on Reductions Achieved from Incentive-Based Emission Reduction Measures in the San Joaquin Valley* for inclusion in the California SIP