

Ozone State Implementation Plan for the Sacramento Region

November 16, 2017



Overview

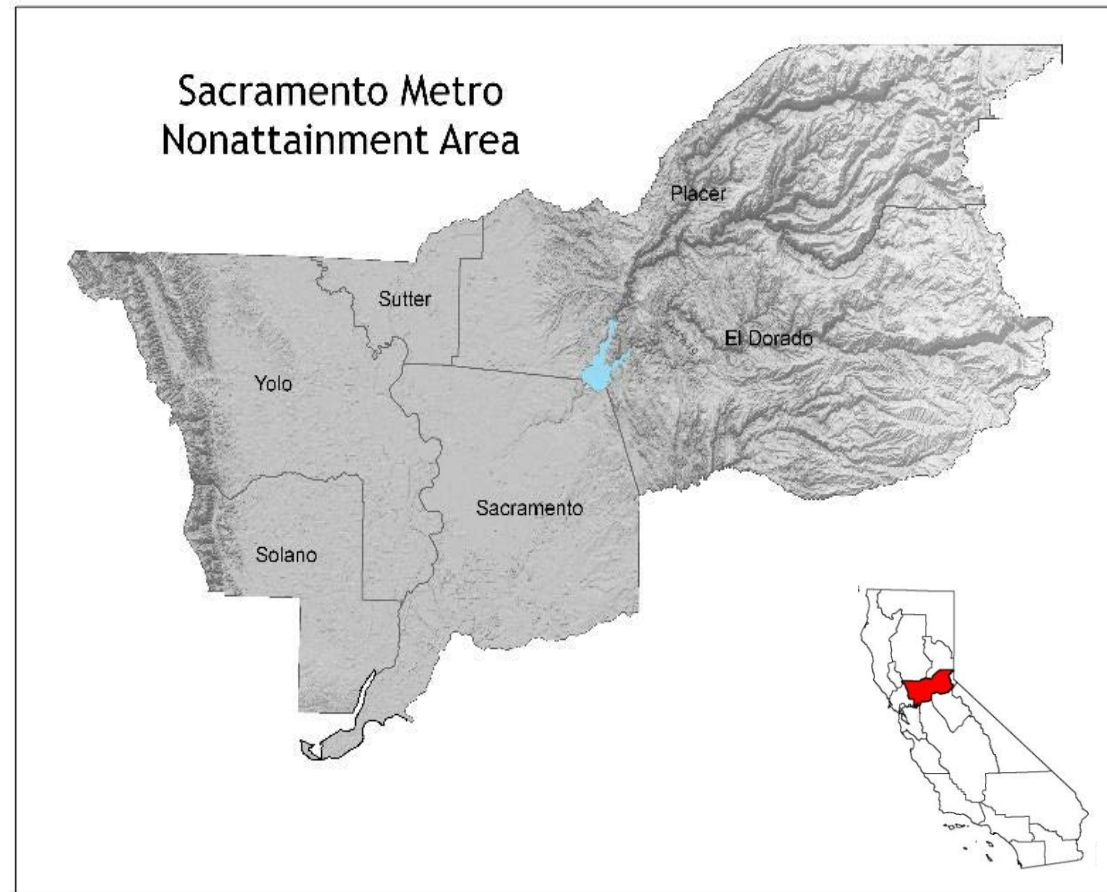
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- Review of the Sacramento Region 75 ppb 8-hour Ozone Plan
- Attainment met through existing measures and ahead of schedule

Sacramento Region

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- Includes all or portions of five air districts
- Varied terrain limits dispersion and traps emissions
- Ozone forming emissions largely due to mobile sources in the region



75 ppb 8-hour Ozone Standard

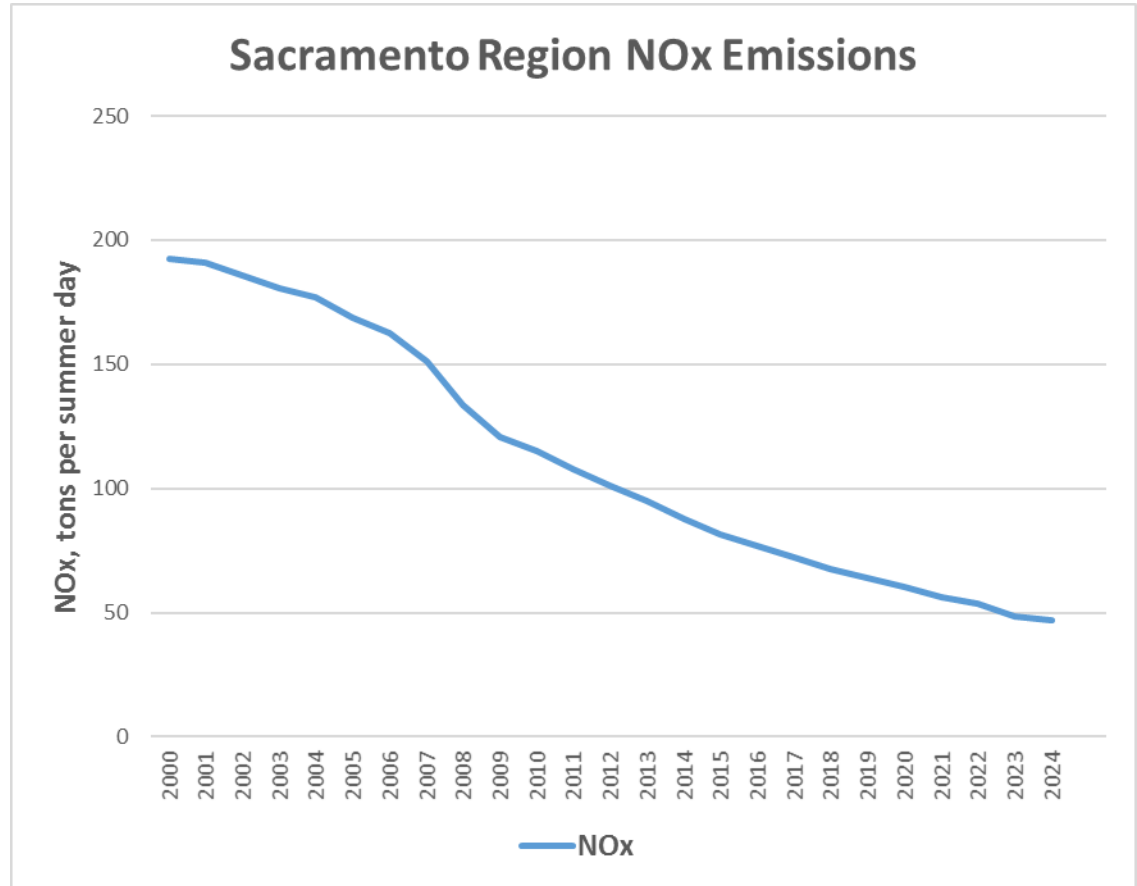
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- Next step in meeting increasingly protective health-based ozone standards
- Region attained 80 ppb 8-hour standard in 2015
- About one-third of sites in the Region now meet the 75 ppb standard
- Highest ozone levels typically observed in eastern portion of the Region

Regional Emissions Declining

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- Plan relies on NOx reductions from mobile sources
- 54 percent decline in NOx between 2012 and attainment year

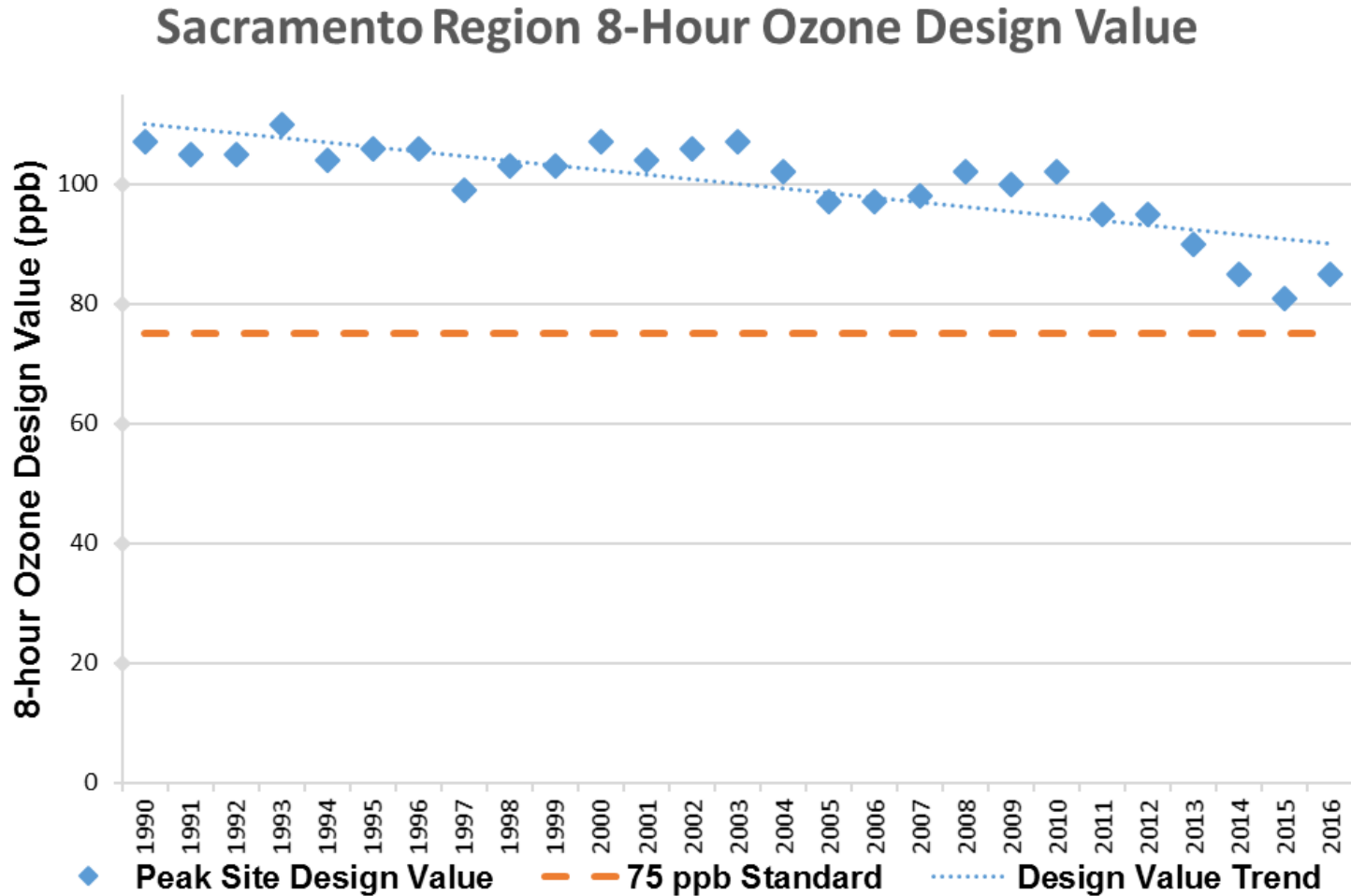


Mobile NOx Reductions

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- Existing mobile source programs will achieve reductions needed to attain the 75 ppb standard
 - Advanced Clean Cars
 - Truck and Bus Regulation
 - Off-Road Equipment Regulation
- Reductions accelerate attainment date by two years
- State SIP Strategy will reduce mobile source emissions further

Sacramento Region Ozone Trend



Plan Meets Clean Air Act Requirements

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- Emission inventory
- Attainment demonstration
- Reasonably available control measures
- Reasonable further progress
- Transportation conformity
- VMT offsets
- Contingency

Recommendations

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- Approve Sacramento Region Ozone SIP
- Direct staff to submit plan to U.S. EPA