

April 2016 MAG Conformity Analysis

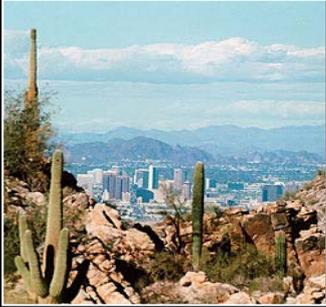


Air Quality Technical Advisory Committee Meeting
May 26, 2016

**ENVIRONMENTAL
PROGRAMS**

Transportation Conformity

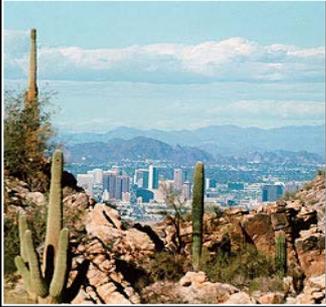
- **Transportation and air quality are linked**
- **Clean Air Act requires transportation plans, programs, and projects to conform to the purpose of the air quality plans**
- **Ensures that transportation activities do not cause violations of the air quality standards**
- **Air quality plans set motor vehicle emissions budgets**



ENVIRONMENTAL PROGRAMS

Conformity Requirements

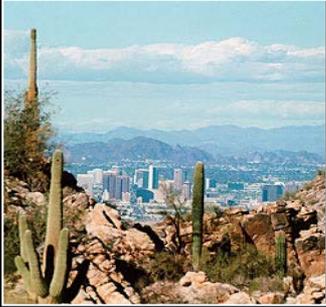
- The Transportation Improvement Program (TIP) and Regional Transportation Plan (RTP) must pass the conformity emissions tests
- Latest planning assumptions and emissions models
- Timely implementation of transportation measures
- Consultation

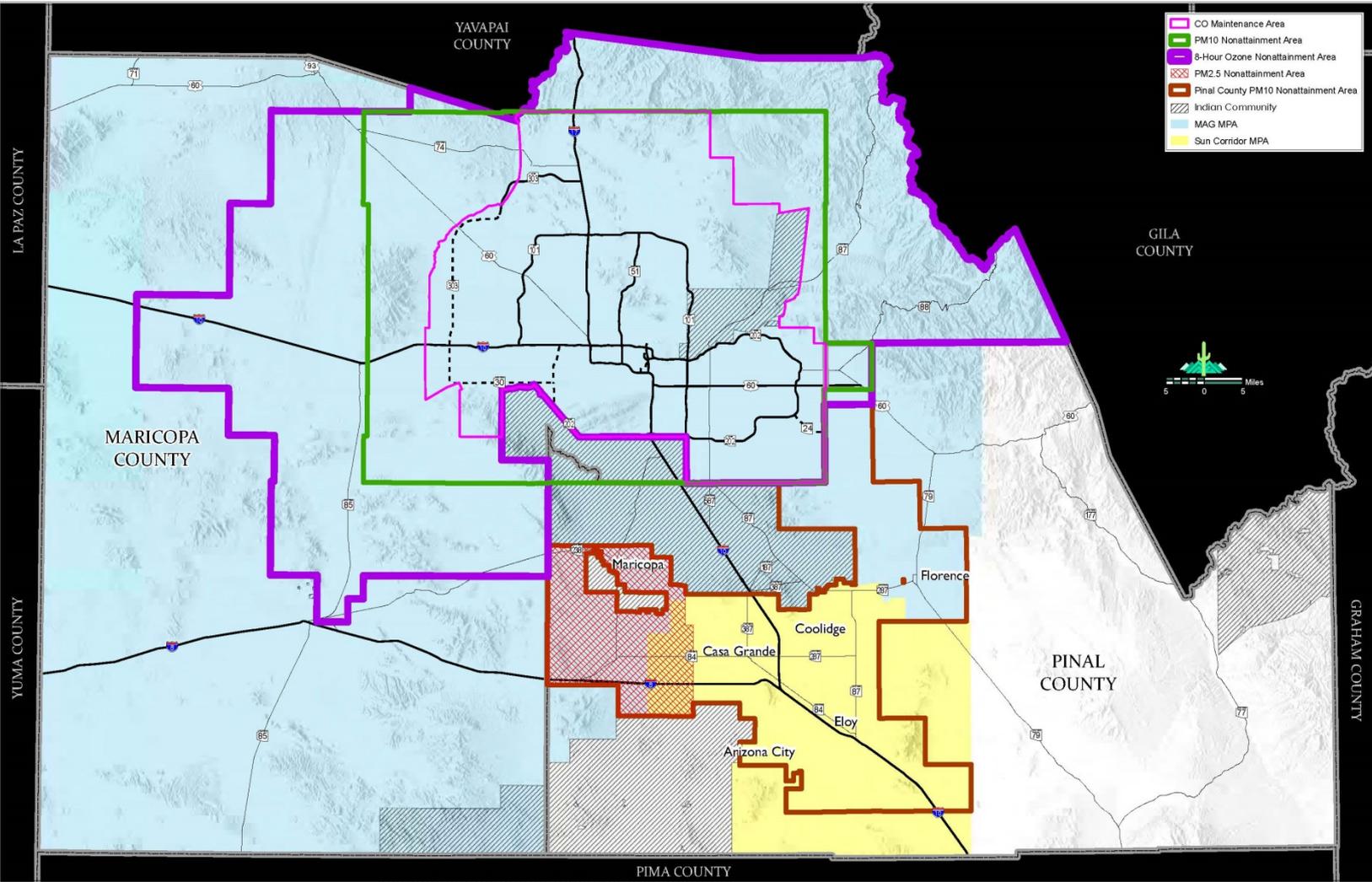


ENVIRONMENTAL PROGRAMS

Conformity and Expanded MAG MPA Boundary

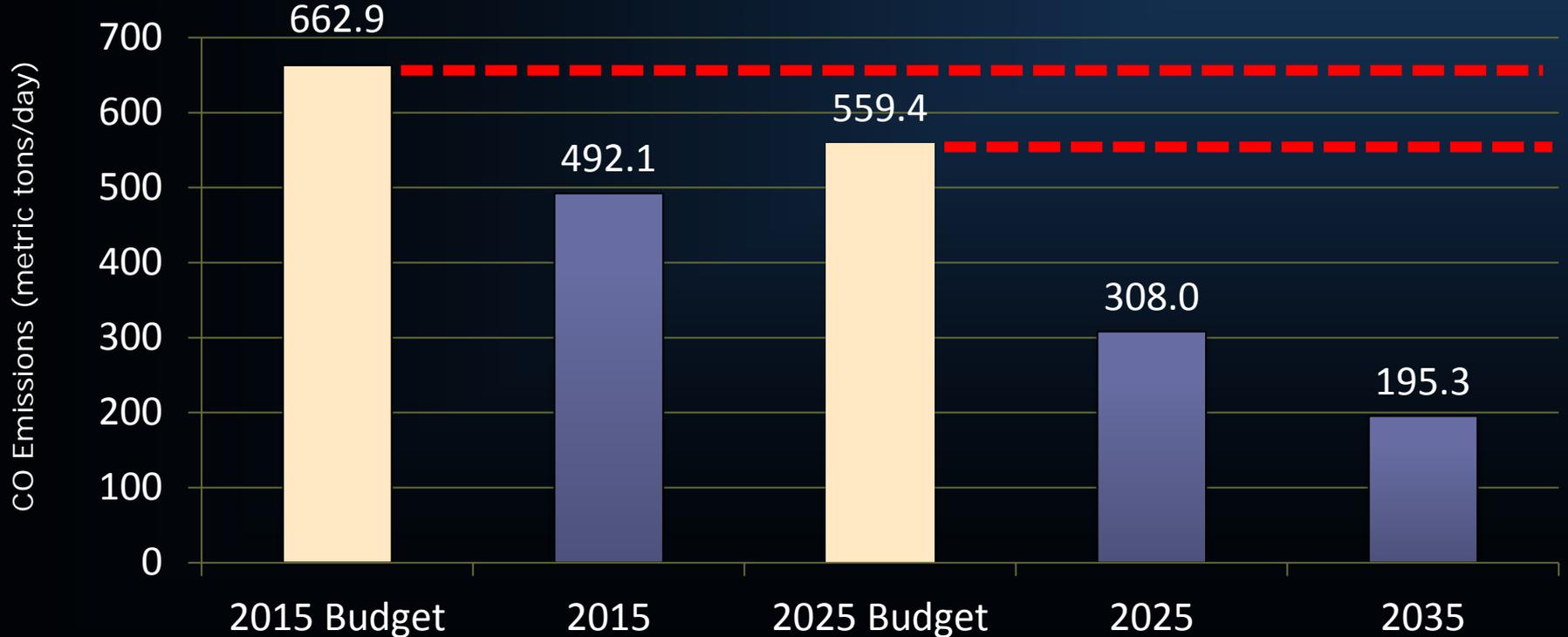
- Expanded MAG MPA boundary and Sun Corridor Metropolitan Planning Organization MPA boundary include portions of the Pinal County PM-10 and PM-2.5 nonattainment areas
- Both Pinal County nonattainment areas are completely covered by the 2 MPOs
- Transportation conformity is required to be demonstrated for both nonattainment areas by both MPOs
- MAG is preparing the conformity analyses for the Pinal County nonattainment areas to help the Sun Corridor MPO





Carbon Monoxide Results for Conformity Budget Test Maricopa County Maintenance Area

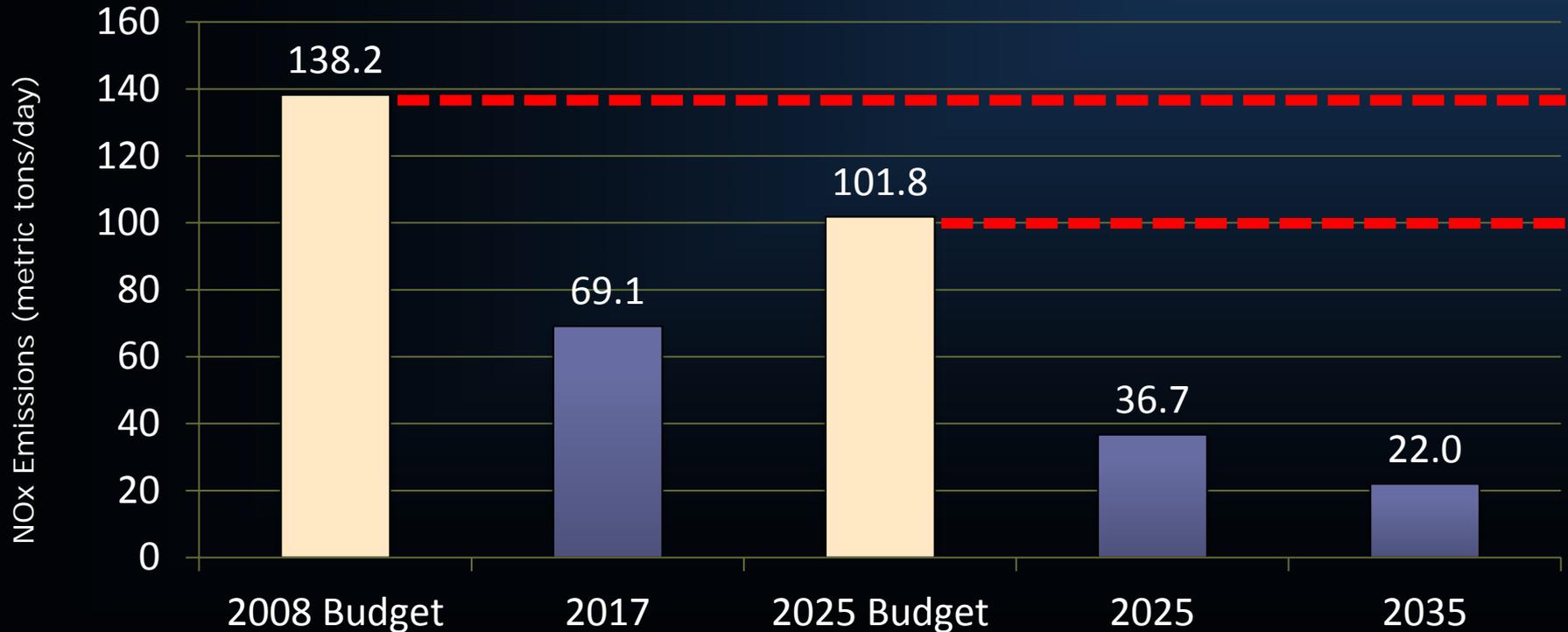
Friday in December: Episode Day Conditions



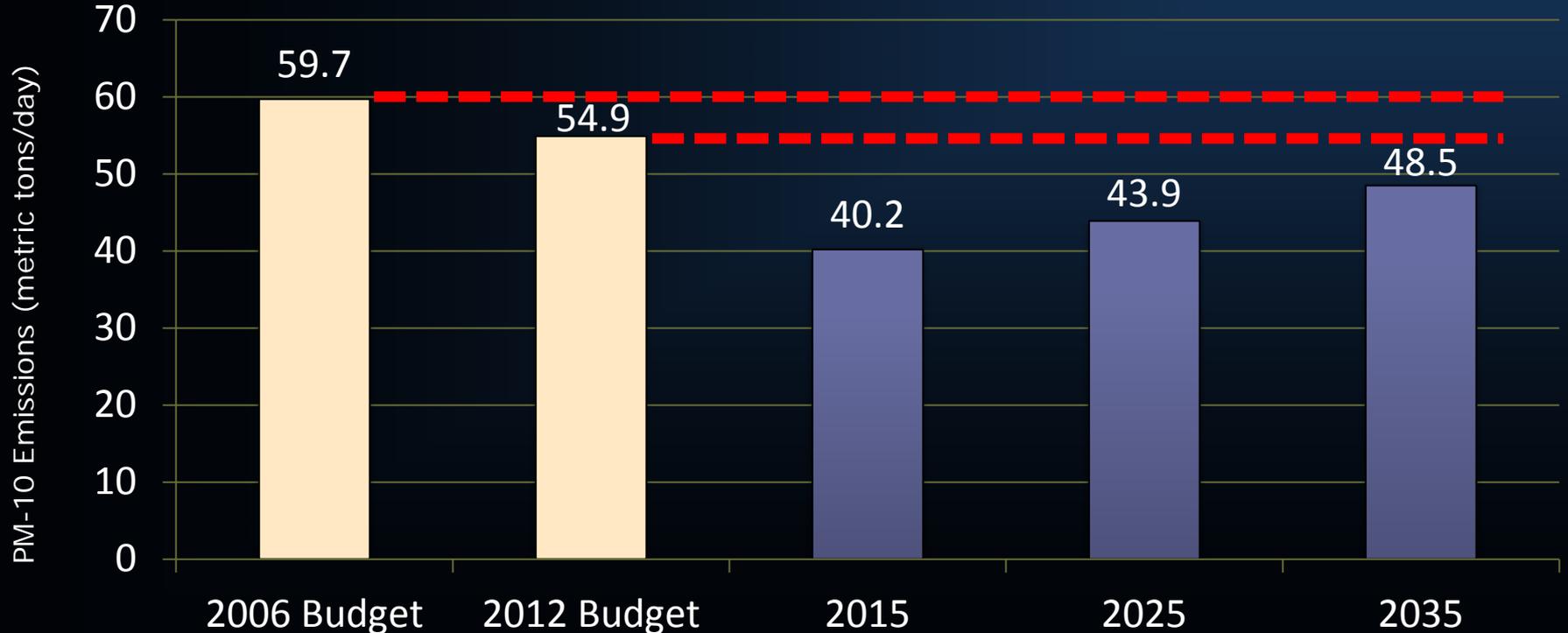
Eight-Hour Ozone: Volatile Organic Compounds (VOC) Results for Conformity Budget Test Maricopa County Nonattainment Area Thursday in June: Episode Day Conditions



Eight-Hour Ozone: Nitrogen Oxides (NOx) Results for Conformity Budget Test Maricopa County Nonattainment Area Thursday in June: Episode Day Conditions

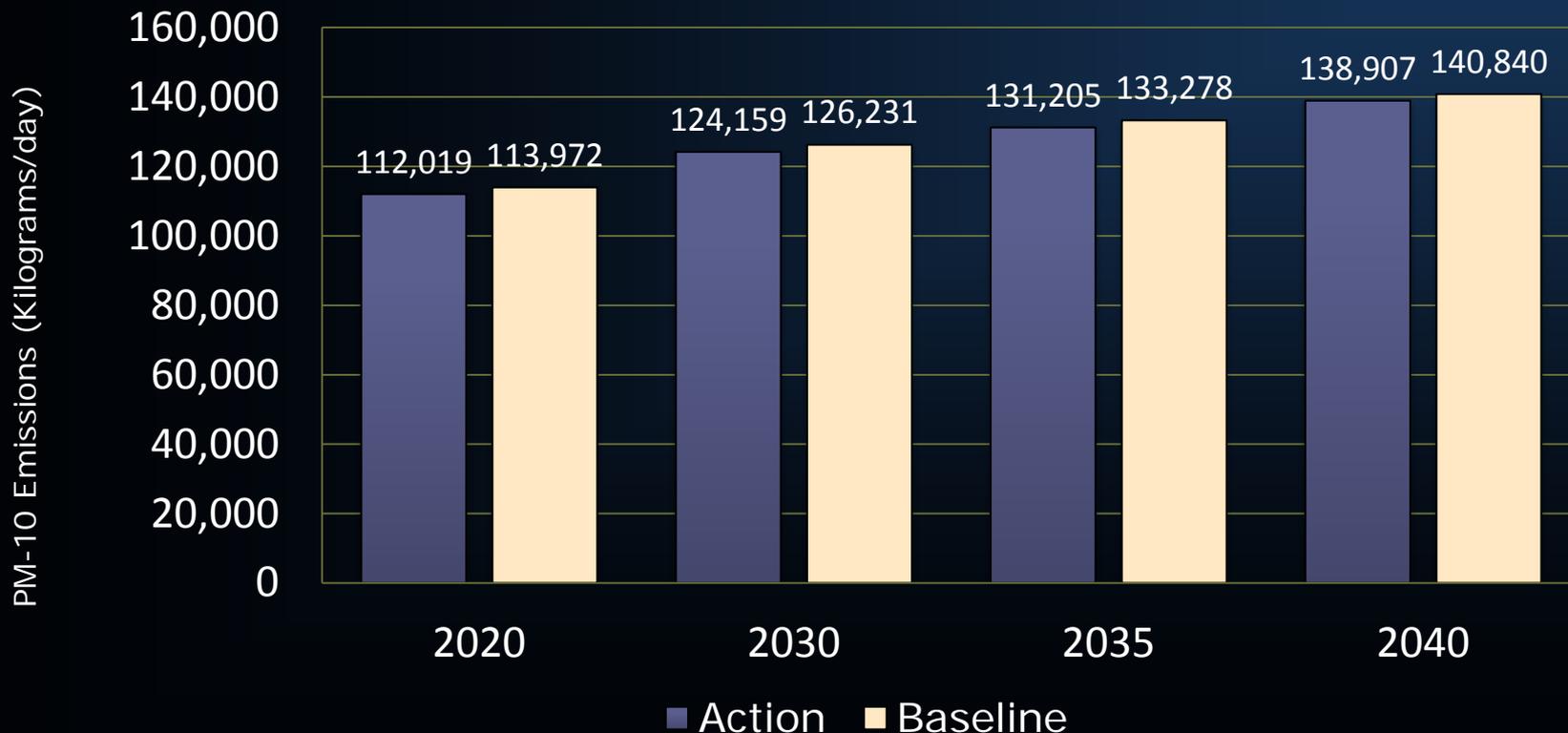


PM-10 Results for Conformity Budget Test Maricopa County Nonattainment Area Annual Average Day Conditions

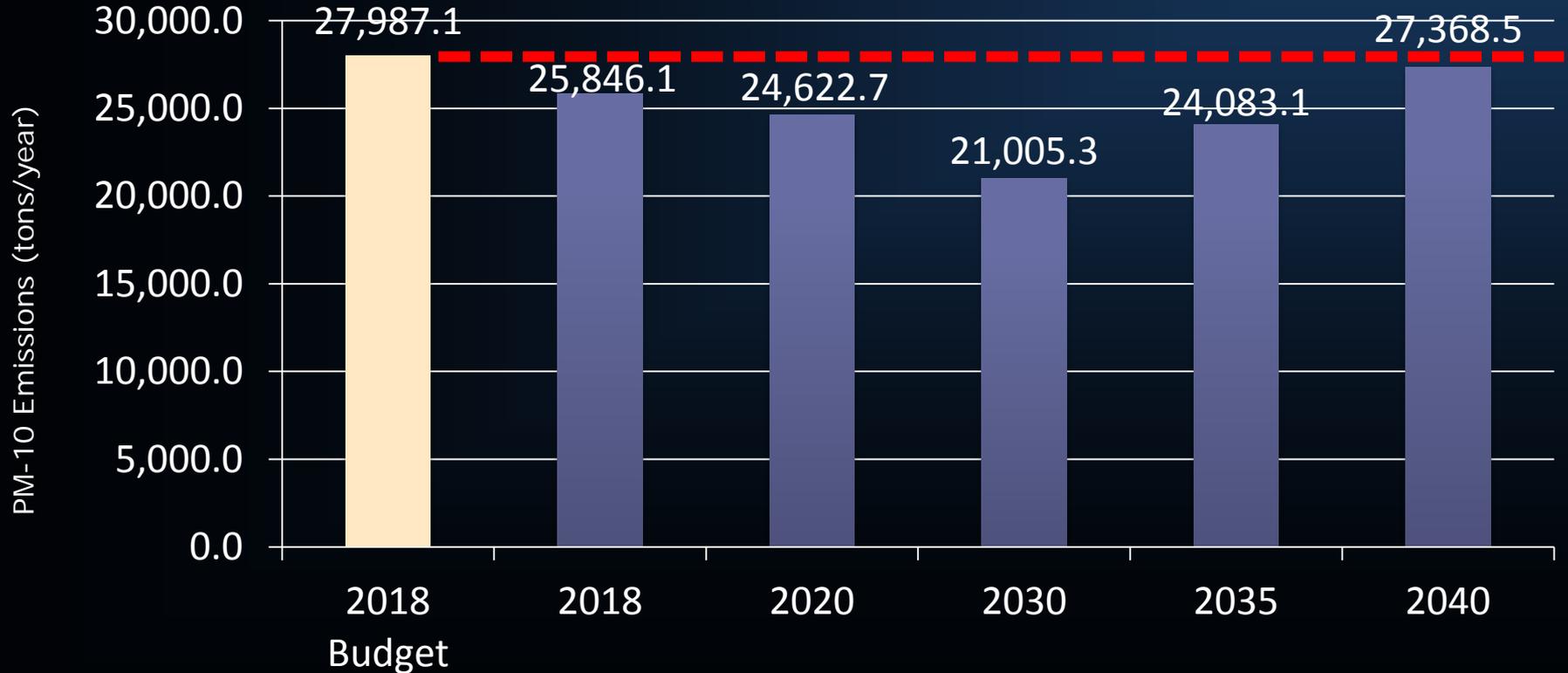


PM-10 Results for Conformity Interim Emission (Action/Baseline) Test

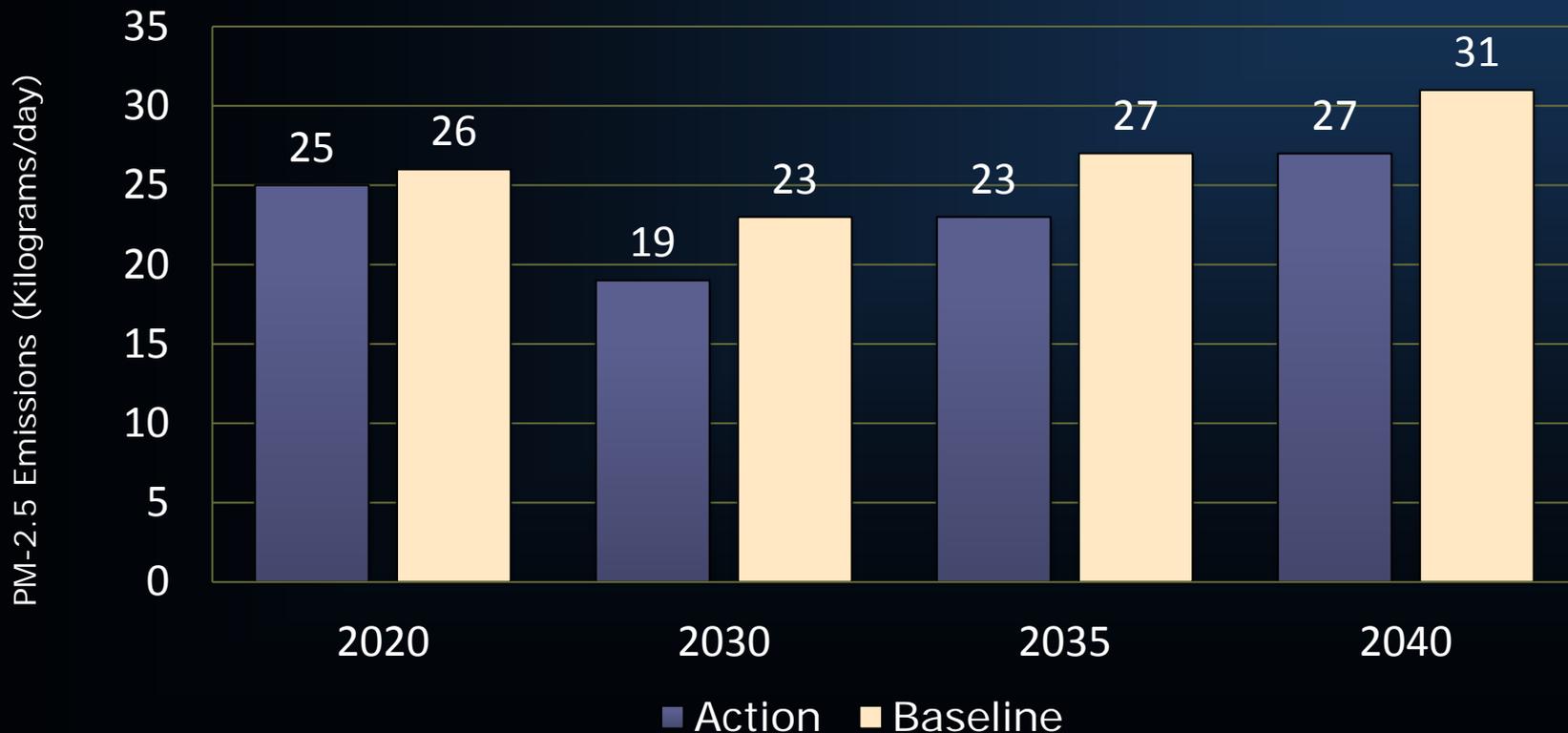
Pinal County PM-10 Nonattainment Area



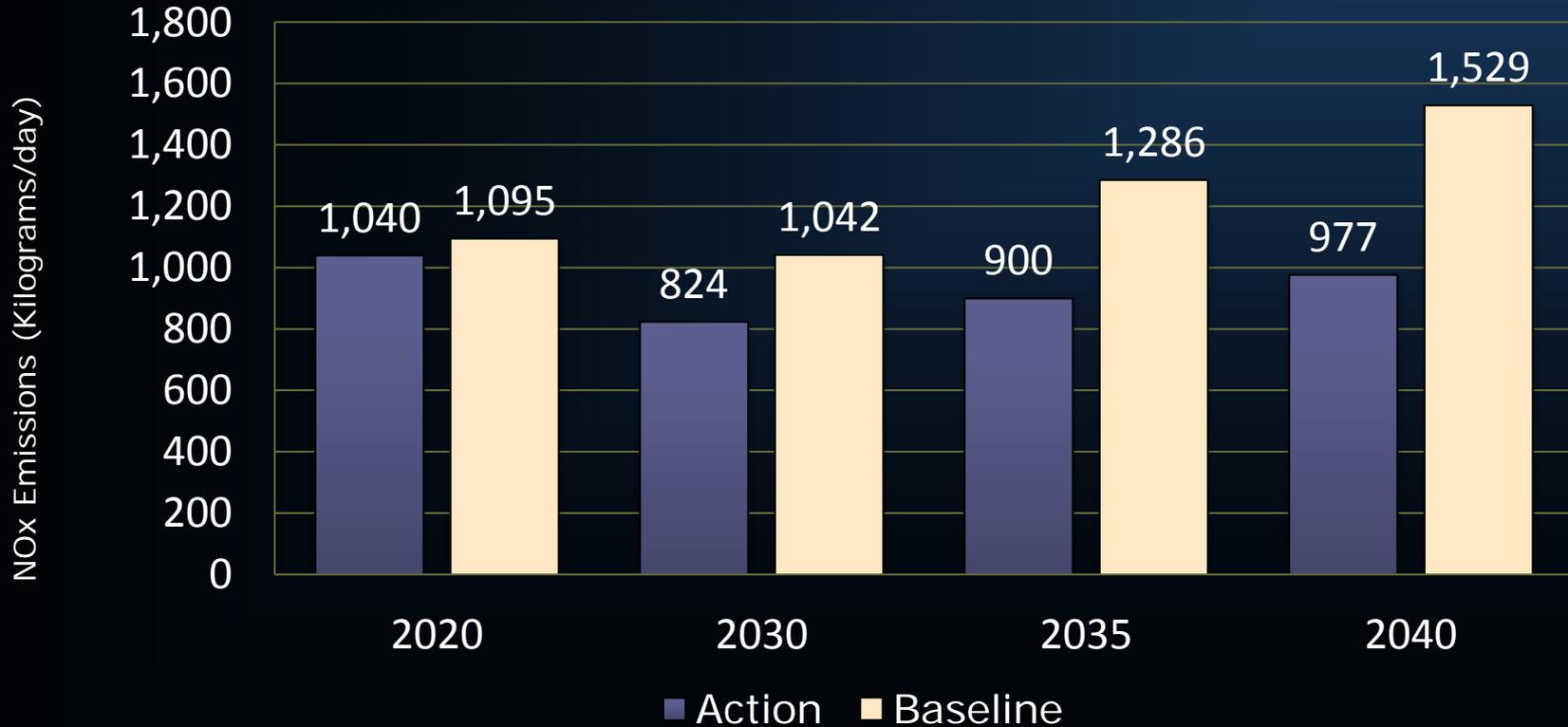
PM-10 Results for Conformity Budget Test Pinal County Nonattainment Area



PM-2.5 Results for Conformity Interim Emission (Action/Baseline) Test Pinal County PM-2.5 Nonattainment Area



NOx Results for Conformity Interim Emission (Action/Baseline) Test Pinal County PM-2.5 Nonattainment Area



ENVIRONMENTAL
PROGRAMS

Conformity Schedule

- **May 5, 2016 – Documents available for 30-day public review**
- **May 26, 2016 – Air Quality Technical Advisory Committee recommendation**
- **June 7, 2016 – Public Hearing**
- **June 8, 2016 – Management Committee recommendation**
- **June 22, 2016 – Regional Council approval**





**For more information contact:
Dean Giles
(602) 254-6300**