

costs on to their buyers. For some operations, especially the largest with the advantage of economic scale, an equipment replacement schedule will already be part of their business plan. But for smaller operations with just one or two pieces of equipment, the current business plan may be to retain existing equipment for as long as possible. Maximizing reductions in light of factors such as these will require careful rule design and the optimum use of incentives.

San Joaquin Valley

	(tons per day)	2006	2017*
ROG	Baseline Emissions	13	4
	Potential Reductions	--	0.6-1.3
NOx	Baseline Emissions	62	25
	Potential Reductions	--	5-10
PM2.5	Baseline Emissions	3.5	1.3
	Potential Reductions	--	TBD

* Does not represent final implementation date

Timing

Action: 2009

Expected Implementation: Beginning in 2014

Staff Proposed SIP Commitment

ARB staff proposes to commit to bring this measure to the Board by 2009. ARB staff will initiate a rule development process designed to achieve the reductions shown for the San Joaquin Valley nonattainment areas. The rule will be phased in beginning in 2014. The final implementation date will be determined in the rulemaking process. The measure as proposed by staff to the Board or adopted by the Board may provide more or less than the amount shown based additional information including but not limited to emission inventory updates.

San Joaquin Valley

	(tons per day)	2006	2014	2020	2023
ROG	Baseline emissions	20	13	9	8
	Potential reductions		6.4	3.3	2.3
NOx	Baseline emissions	277	150	88	72
	Potential reductions		61.4	30.2	21.2
PM2.5	Baseline emissions	11.4	5.5	3.2	2.6
	Potential reductions		3.6	1.6	1.2

Baseline emissions represent emissions from diesel-fueled medium- and heavy heavy-duty trucks. (Note: Baseline emissions reflect adjustments not included in the SIP Emission Inventory Projections on ARB's website. The adjustments include sleeper truck idling restrictions, diesel engine software upgrade, and emission reductions from the Carl Moyer Program.)

Timing

Action: 2008

Expected Implementation: 2010-2015

Staff Proposed SIP Commitment

ARB staff proposes to commit to bring this measure to the Board by 2008. ARB staff will initiate a rule development process designed to achieve the reductions shown for the South Coast and San Joaquin Valley in 2014, 2020, and 2023, plus the benefits referenced in the text for 2017 in the San Joaquin Valley. The measure as proposed by staff to the Board or adopted by the Board may provide more or less emission reductions than the amount shown.