

Enclosure A

South Coast Reasonable Further Progress Demonstration

South Coast Reasonable Further Progress, summer planning, tons per day

	2002	2008	2011	2014	2017	2020	2023
Baseline ROG	896.7	654.9	603.1	569.1	549.5	538.4	536.0
CA MVCP/RVP Adjustment	0.0	56.1	73.0	86.6	93.7	98.3	101.6
RACT Corrections	0	0	0	0	0	0	0
Adjusted 2002 Baseline ROG in milestone year	896.7	840.6	823.7	810.1	803.0	798.4	795.1
RFP commitment for ROG reductions from new measures		0	0	0	0	0	0
Required % change since previous milestone year (ROG or NOx) compared to 2002		18%	9%	9%	9%	9%	9%
Required % change since 2002 (ROG or NOx)		18%	27%	36%	45%	54%	63%
Target ROG levels		735.3	654.6	573.9	493.2	412.5	331.8
Apparent shortfall in ROG		0.0	0.0	0.0	56.3	125.9	204.2
Apparent shortfall in ROG, %		0.0%	0.0%	0.0%	7.0%	15.8%	25.7%
ROG shortfall previously provided by NOx substitution, %		0.0%	0.0%	0.0%	0.0%	7.0%	15.8%
Actual ROG shortfall, %		0.0%	0.0%	0.0%	7.0%	8.8%	9.9%
Baseline NOx	1078.5	862.8	738.5	650.3	578.4	523.9	505.6
CA MVCP Adjustment	0.0	64.7	80.6	93.0	98.3	102.4	105.9
Adjusted 2002 Baseline NOx in milestone year	1078.5	1013.8	997.9	985.5	980.2	976.1	972.6
RFP commitment for NOx reductions from new measures	0	0	0	0	0	0	0
Change in NOx since 2002		151.0	259.4	335.2	401.8	452.2	467.0
Change in NOx since 2002, %		14.9%	26.0%	34.0%	41.0%	46.3%	48.0%
NOx reductions since 2002 already used for RFP substitution and contingency through last milestone year, %		0.0%	3.0%	3.0%	3.0%	10.0%	18.8%
NOx reductions since 2002 available for RFP substitution and contingency in this milestone year, %		14.9%	23.0%	31.0%	38.0%	36.3%	29.2%
Change in NOx since 2002 used for ROG substitution in this milestone year, %		0.0%	0.0%	0.0%	7.0%	8.8%	9.9%
Change in NOx since 2002 available for contingency in this milestone year, %		3.0%	3.0%	3.0%	3.0%	3.0%	3.0%*
Change in NOx since 2002 surplus after meeting substitution and contingency needs in this milestone year, %		11.9%	23.0%	31.0%	31.0%	27.6%	19.3%
RFP shortfall, if any		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
RFP Met?		YES	YES	YES	YES	YES	YES
Contingency Met?		YES	YES	YES	YES	YES	YES*

* 2024 mobile source program reductions are relied upon to meet 2023 contingency requirements.

Enclosure B

San Joaquin Valley Reasonable Further Progress Demonstration

San Joaquin Valley Reasonable Further Progress, summer planning, tons per day

	2002	2008	2011	2014	2017	2020	2023
Baseline ROG	468.0	428.2	407.7	405.5	402.1	403.6	410.5
CA MVCP/RVP Adjustment	0.0	12.4	17.8	22.4	25.4	26.4	26.5
RACT Corrections	0	0	0	0	0	0	0
Adjusted 2002 Baseline ROG in milestone year	468.0	455.7	450.2	445.6	442.6	441.6	441.5
RFP commitment for ROG reductions from new measures		3.3	15.3	40.5	42.2	44.5	71
Future Year ROG with existing and proposed measures		424.9	392.4	365.0	359.9	359.1	339.2
Required % change since previous milestone year (ROG or NOx) compared to 2002		18%	9%	9%	9%	9%	9%
Required % change since 2002 (ROG or NOx)		18%	27%	36%	45%	54%	63%
Target ROG levels		373.6	328.7	285.2	243.4	203.1	163.4
Apparent shortfall in ROG		51.2	63.8	79.8	116.4	156.0	175.9
Apparent shortfall in ROG, %		11.2%	14.2%	17.9%	26.3%	35.3%	39.8%
ROG shortfall previously provided by NOx substitution, %		0%	5.8%	14.2%	17.9%	26.3%	35.3%
Actual ROG shortfall, %		11.2%	8.4%	3.8%	8.4%	9.0%	4.5%
NOx							
Baseline NOx	642.30	575.83	505.37	430.21	369.86	327.02	301.12
CA MVCP Adjustment	0.0	16.8	21.2	24.8	26.9	27.8	28.2
Adjusted 2002 Baseline NOx in milestone year	642.30	625.5	621.1	617.5	615.4	614.5	614.1
RFP commitment for NOx reductions from new measures	0	2.3	4.4	6.3	7.8	8.0	54.2
Change in NOx since 2002		52.0	120.1	193.6	253.3	295.5	367.2
Change in NOx since 2002, %		8.3%	19.3%	31.3%	41.2%	48.1%	59.8%
NOx reductions since 2002 already used for RFP substitution and contingency through last milestone year, %		0.0%	8.3%	17.2%	20.9%	29.3%	38.3%
NOx reductions since 2002 available for RFP substitution and contingency in this milestone year, %		8.3%	11.0%	14.2%	20.2%	18.8%	21.5%
Change in NOx since 2002 used for ROG substitution in this milestone year, %		5.8%	8.4%	3.8%	8.4%	9.0%	4.5%
Change in NOx since 2002 available for contingency in this milestone year, %		2.5%	3.0%	3.0%	3.0%	3.0%	3.0%*
Change in NOx since 2002 surplus after meeting substitution and contingency needs in this milestone year, %		0.0%	2.2%	10.4%	11.9%	9.8%	17.0%
RFP shortfall, if any		5.4%	0.0%	0.0%	0.0%	0.0%	0.0%
RFP Met?		NO	YES	YES	YES	YES	YES
Contingency Met?		YES	YES	YES	YES	YES	YES**

* 2024 mobile source program reductions are relied upon to meet 2023 contingency requirements.

** Contingency requirements met in 2023 through reductions from already-adopted mobile source measures