

TABLE: DRAFT Reduction Estimates for Modeling of Control Measures

Source Category	Cmmr 2/22- 23/06	Measure	Implementation Method	Expected BOTW % Reduction in 2009				Modeled Ton Per Year 2009 Reductions				CMAQ	Cost (\$/Ton)
				NOx	VOC	SO2	PM	NOx	VOC	SO2	PM		
EGU	A	Multi-P 4/4/06 (0.12 NOx, 0.35 SO2)	Model Rule	14		7		31,317		38,330		N*	See IPM
AIM 1	A	States)	Model Rule/ Fed		2				1,884			Y	6,400
Consumer Products	A	CARB 7/20/05 (-2 categories)	Model Rule		2				4,139			Y	4,800
Chip Reflash Diesel	A	Mandatory Reflash	Model Rule					63^				N	20 to 30
Diesel Retrofit	B/MV	Sub-Reg. Diesel Collaborative	Voluntary Prgms	Depends on funding				Depends on funding				N	
ICI >250	A	SCR FGD "	Model Rule	16		80		7,050		80,521		Y	3,000-10,000
ICI 100-250	A	LNB -SNCR "	State Rule Update	43		57		13,218		29,603		Y	1,000-3000
ICI 25-100	A	Combustion Modification "	State Rule Update	15		26		8,448		21,191		Y	
PFC	A	CARB 2005	Model Rule		4				2,168			Y	800 to 1400
EGU		Multi-P 4/4/06 (0.12 NOx, 0.35 SO2)	Model Rule	24		43		100,695		773,436		N*	See IPM
AIM 1		OTC Model Phase 1 (MRPO)	Model Rule/ Fed		31				33,263			Y	6,400
Consumer Products		OTC & CARB 7/20/05 (-2) (MRPO)	Model Rule		16				26,505			Y	800 to 4,800
Chip Reflash Diesel		Mandatory Reflash (MRPO)	Model Rule					46^				N	20 to 30
Diesel Retrofit		Sub-Reg. Diesel Collaboratives	Voluntary Prgms	Depends on funding				Depends on funding				N	
ICI >250		SCR FGD " (MRPO)	Model Rule	19		82		12,268		96,419		Y	
ICI 100-250		LNB -SNCR " (MRPO)	State Rule Update	49		63		19,428		42,106		Y	
ICI 25-100		Combustion Modification" (MRPO)	State Rule Update	15		37		8,716		33,223		Y	
PFC		OTC Model Rule + CARB 2005 (MRPO)	Model Rule		21				10,848			Y	250 to 480
TOTAL Super Region		With 04/04/06 Multi P proposal						201,031	78,807	1,114,829	0		
AIM 2	A	OTC Model Phase 2	Model Rule/ OTC		6				5,941			N	4,229 to 13,317
Asphalt paving	A	Emulsified	State Rule Update		20				4,460			Y	
Asphalt paving	A	Cutback	State Rule Update		20				2,240			Y	
Asphalt production	A	LNB + FGR; low sulfur oil	State Rule Update	43		75		549		950		Y	1000 to 2000
Cement Kilns	A	SNCR "	State Rule Update	47				11,761				Y	<2,500
Distillate Oil - Residential	MV	500 ppm sulfur fuel	MOU - MV	10		75	80	4,675		96,823	3,456	Y	
Distillate Oil - ICI Boiler	MV	500 ppm sulfur fuel	MOU - MV	10		75	80	2,396		45,385	2,238	Y	
EGU Peaking	A	TBD	Pricing/Dispatch	25				32^				N	
Glass	A	Oxyfiring	State Rule or Permit	85				18,392				Y	1254 to 2500
Industrial Adhesives	B	CARB Dec 1998	Model Rule		64				27,990			Y	2500
MWC	A	Federal Rule Development	State Rule or Permit									Y	
Regional Fuel	A	under review	MOU - OTC					4.8^	139.4^			Y	
TOTAL OTR		Local Measures (no EGU's)						64,093	48,822	274,473	5,694		
Auto Refinish Recoating	A	CARB October 20 2005 SCM	NA		65				13,981			N	2860
Industrial Surface Coating	B	EPA CTG RACT Limits	State Rule Update									N	
Lime Kiln	A	Good combustion practices	NA									N	<2000
Metal Production	B	under review	NA									N	
Printing and Graphic Arts	B	under review	NA									N	
POTWs	B	under review	NA									N	
Refinery	A	Consent Orders / RACT	State Rule, Pmt or Ord									N	
Stage 1	B	EPA Rule	Fed Rule									?	<2000
TOTAL Modeling		All modeled reductions						104,505	113,497	400,836			
TOTAL Reductions		All reductions, with 04/04.06 Multi P proposal						236,517	119,438	1,212,602			

A = Special Meeting recommendation to model
 B = Special Meeting recommendation for further review
 *UMD Sensitivity Runs
 " Performance Based Standard, (no particular technology mandated)
 ^ expressed in tons per summer day (not included in totals on this sheet)

(other SC) = States other than OTR states in the State Collaborative.
 This chart does not include: Off-road restrictions, Construction, or Low-S (#4 and #6, non-road fuel, marine fuel)
 Stage 1 and Small Engine proposals include a multi-state letter supporting EPA