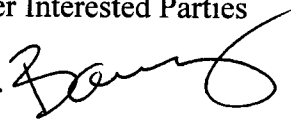


SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

EXECUTIVE OFFICE MEMORANDUM

DATE: August 14, 2009

TO: RTAC Membership and Other Interested Parties

FROM: Barry R. Wallerstein, D. Env. 

SUBJECT: Emission Reduction by Order of Implementation

Please find attached two tables that contain emission reduction estimates as they might vary according to order of implementation for various rulemakings/programs. Specifically, information is included on Pavley, tire inflation, low-carbon fuels, cool car, and SB 375 utilizing the Berkeley study, which formed the foundation for the 5mmt CO₂e in the Scoping Plan. One chart takes credit for SB 375 first, and the other chart places it last. Please note that there is a significant effect in the reductions for 2020 and 2035, but especially in 2035. FYI.

BRW/drw
Attachments

GHG Reductions (mmt CO₂e)

(CARB Regulations Reductions Credited Before SB375)

Year	Base-line	CO ₂ Reductions	(1) Pavley I & II	(2) Tire Inflation	(3) LCFS	(4) Cool Car	(5) SB375
2020	160.8	50.1	31.7	0.5	12.9	0.5	4.6
		Control Efficiency	19.7%	0.4%	10.0%	0.4%	4.0%
2035	191.1	89.1	65.4	0.5	12.5	0.7	10.1
		Control Efficiency	34.2%	0.4%	10.0%	0.6%	9.0%

GHG Reductions (mmt CO₂e)

(SB375 Reductions Credited Before CARB Regulations)

	Base-line	CO ₂ Reductions	(1) SB375	(2) Pavley I & II	(3) Tire Inflation	(4) LCFS	(5) Cool Car
Year							
2020	160.8	50.1	6.4	30.4	0.5	12.3	0.4
		Control Efficiency	4.0%	19.7%	0.4%	10.0%	0.4%
2035	191.1	89.1	17.2	59.5	0.5	11.4	0.7
		Control Efficiency	9.0%	34.2%	0.4%	10.0%	0.6%