

TABLE 2
Control Measures for the 8-hour Ozone Standard: Proposed Priorities

Measure ID	Measure	Description	Implementation Requirements	NOx Emission Reduction (tons/day)	VOC Emission Reduction (tons/day)	Cost Effectiveness (\$/ton)
Priority 1. Additional Stationary Source Reductions						
1	Regional Multipollutant Strategy	Adopt OTC Multipollutant Model Rule. Adhere to year-round state emission caps as part of a regional cap and trade program for EGUs.	Opt-in to regional program by adopting OTC model rule. State regulation in the District of Columbia, Maryland, and Virginia. (mandatory)	5-10	-	\$1,000 - \$2,600
2	State Multipollutant Legislation	Adopt state multipollutant legislation.	State legislation and regulation in the District of Columbia, Maryland, and Virginia. (mandatory)	See measure 1	-	\$1,000 - \$2,600
5	Plant- or technology-based Controls	Identify and require additional plant-specific emission reduction technologies.	State regulation in the District of Columbia, Maryland, and Virginia or voluntary agreement with EGUs. (mandatory)	See measure 1	-	\$1,000 - \$2,600
Priority 2. Expand Controls to Upwind Counties						
7A	OTC: Consumer Products	Expand existing OTC controls to upwind counties: Consumer Products Rule.	State regulation in Virginia. (mandatory)	-	1-4	<\$800
7B	OTC: AIMs	Expand existing OTC controls to upwind counties: AIMs Rule.	State regulation in Virginia. (mandatory)	-	1-4	\$6,400
7C	OTC: Portable Fuel Containers	Expand existing OTC controls to upwind counties: Portable Fuel Containers Rule.	State regulation in Virginia. (mandatory)	-	1-2	\$450
7D	OTC: Mobile Equipment Repair and Refinishing	Expand existing OTC controls to upwind counties: Mobile Equipment Repair and Refinishing.	State regulation in Virginia. (mandatory)	-	0-1	\$1,534
7E	OTC: Solvent Cleaning	Expand existing OTC controls to upwind counties: Solvent Cleaning Rule.	State regulation in Virginia. (mandatory)	-	1-4	\$1,400
8	Expand NOx RACT	Expand NOx RACT requirements to upwind counties to 200 km.	State regulation in Virginia. (mandatory)	1-10	-	\$500 - \$1,500

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9	Expand VOC RACT	Expand VOC RACT requirements to upwind counties to 100 km.	State regulation in Virginia. (mandatory)	-	1-5	<\$0 - \$6,500
10	Airport Emission Cap	Establish agreement with airports outside the nonattainment area to cap and reduce emissions.	MOU between state and airports authority. (voluntary)	0-1	0-1	\$1,000 - \$8,000
11	Reformulated Gas	Expand requirement for use of reformulated gas.	Legislative and/or regulatory action in Maryland. Governor's request in Virginia. Federal waiver. (mandatory)	-	0-2	TBD
Priority 3. Control Small NOx Sources						
6	OTC Model Rule: Additional NOx Reductions	Adopt OTC model rule for small NOx Sources. Apply RACT to small NOx sources including internal combustion engines and boilers.	State regulation in the District of Columbia, Maryland and Virginia. (mandatory)	2-3	-	\$500 - \$1,500
Priority 4. Control Federally Preempted Sources						
10	Airport Emission Caps	Establish agreement with Airports Authority to cap emissions.	MOU between state authorities and MWAA. (voluntary)	0-1	0-1	\$1,000 - \$8,000
19	Locomotive Engine Emission Standards	Establish new locomotive engine standards.	Federal regulation. Advanced Notice of Proposed Rulemaking, June 29, 2004. (mandatory)	NA	NA	NA
20	Marine Diesel Engine Emission Standards	Establish new marine engine standards.	Federal regulation. Advanced Notice of Proposed Rulemaking, June 29, 2004. (mandatory)	NA	NA	NA
18	CAL LEV II	Adopt CAL LEV II Standards. Over Tier 2, this involves an advanced technology vehicle component, greenhouse gas	State legislation in the District of Columbia, Maryland, and Virginia. (mandatory)	-	<0.5	\$1,000 - \$2,780

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		reductions, and reduced air toxics.				
21	High Cetane Fuel	Require cetane-enhancing additive for on-road and/or non-road diesel fuels.	Legislative and regulatory action in Maryland to change fuel blending prohibitions. Federal waiver. (mandatory)	2-3	-	\$8,000 - \$22,000
Priority 5. State and Local Government Initiatives						
24	Environmental Performance Contracting	Develop opt-in program for contracting that controls maintenance contracts, and construction equipment emission control technology and idling.	Regional coordination and cooperation. Development of model contracts and technical assistance to local jurisdictions. (voluntary)	2-3	1-2	\$1,000 - \$7,500
28/29	Renewable Energy Purchases/Energy Efficiency	Develop opt-in program that enables local jurisdictions to procure electricity from renewable sources or conduct energy efficiency projects with commensurate retirement of NOx Allowances.	Legislation and regulation in Virginia and District of Columbia to enable NOx allowance set-aside. (voluntary)	0-1	-	<\$0 - >\$10,000
27	Locomotive Idling Reduction	Control emissions from locomotive idling through voluntary agreement to install APUs.	MOU between authority and locomotive operators. (voluntary)	0-1	-	\$750 - \$1,250
Priority 6. Control On-road Sources						
22	Remote Sensing Program	Expand remote sensing program to Maryland and the District of Columbia.	Regulation in Maryland and District of Columbia. Technology transfer and I/M program changes. (mandatory)	<0.3	<0.3	\$3,300
23	Heavy Duty Diesel Inspection and Maintenance	Establish an inspection and maintenance program for on-road heavy duty diesel vehicles.	State regulation in the District of Columbia, Maryland, and Virginia. (mandatory)	-	-	NA

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Total Reductions from Priority Measures				12-34	6-27	

Notes:
Measures 1, 2, 7, 8, 9, 11, 17, 21, 22, 23, 28/29 require state legislation/regulation be adopted by mid-2007 in order to achieve reductions in 2008.