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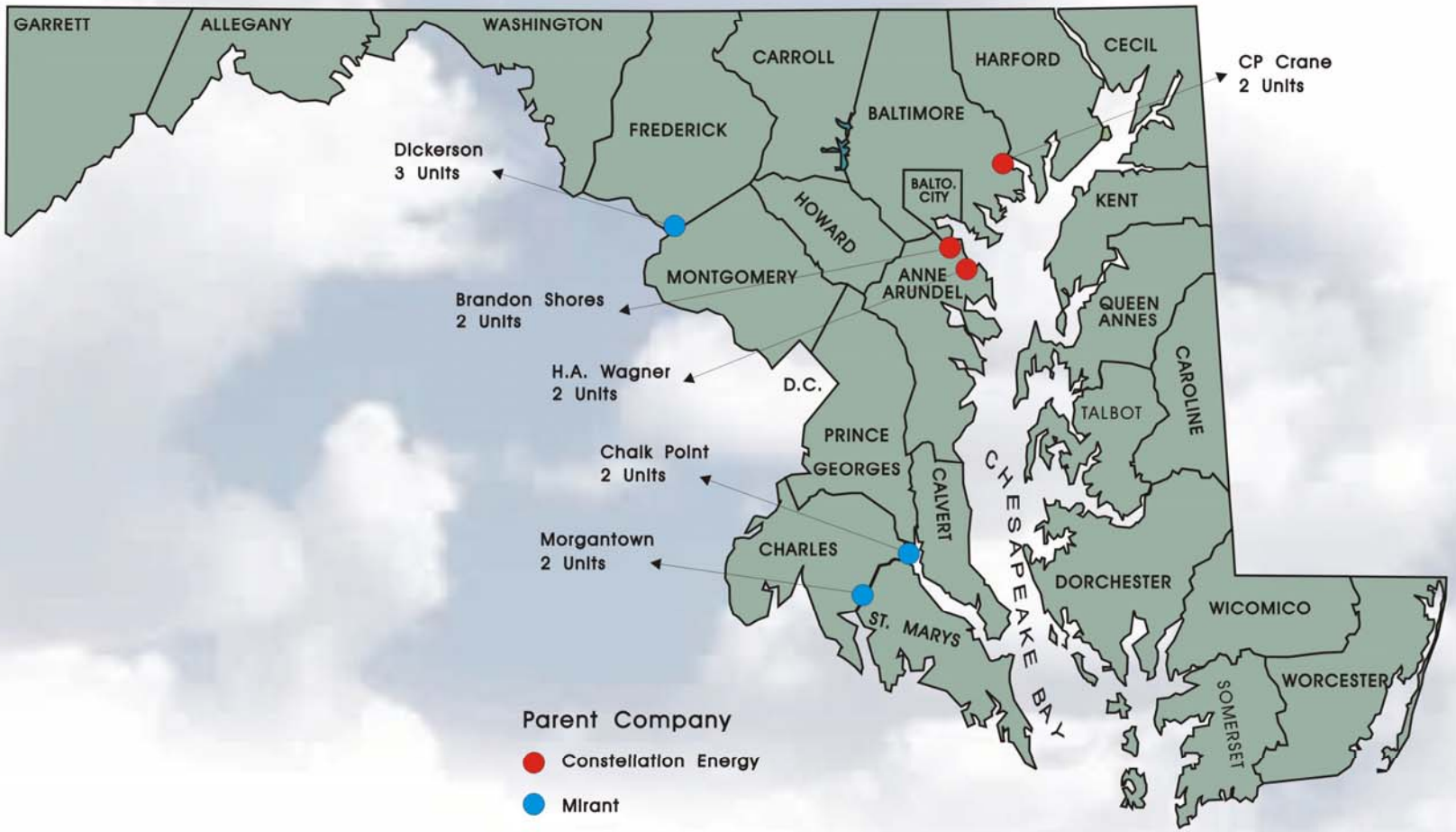
Michael S. Steele, Lt. Governor

MARYLAND

FOUNDED 1634

Coal-fired Power Plants Covered by the Clean Power Rule



Source: Maryland Department of the Environment

Clean Power Rule Benefits

Larger, Earlier Emission Reductions

Pollution Reduction	EPA Clean Air Interstate Rule / Clean Air Mercury Rule	Maryland Clean Power Rule
Nitrogen Oxide (NOx)	↓ 42% ↓ 27,000 tons per year	**↓ 69%** **↓ 45,000 tons per year**
Sulfur Dioxide (SO_2)	↓ 50% ↓ 120,000 tons per year	**↓ 85%** **↓ 205,000 tons per year**
Mercury (Hg)	↓ 46% Reduction ↓ 1,090 pounds per year	**↓ 70%** **↓ ~1,400 pounds per year**
Timing	Full Implementation = 2015 (2018 for Mercury)	**Full Implementation = 2010 (2018 for Mercury)**
Regulatory Approach	Continued Trading	**In-State Reductions**

Source: Maryland Department of the Environment

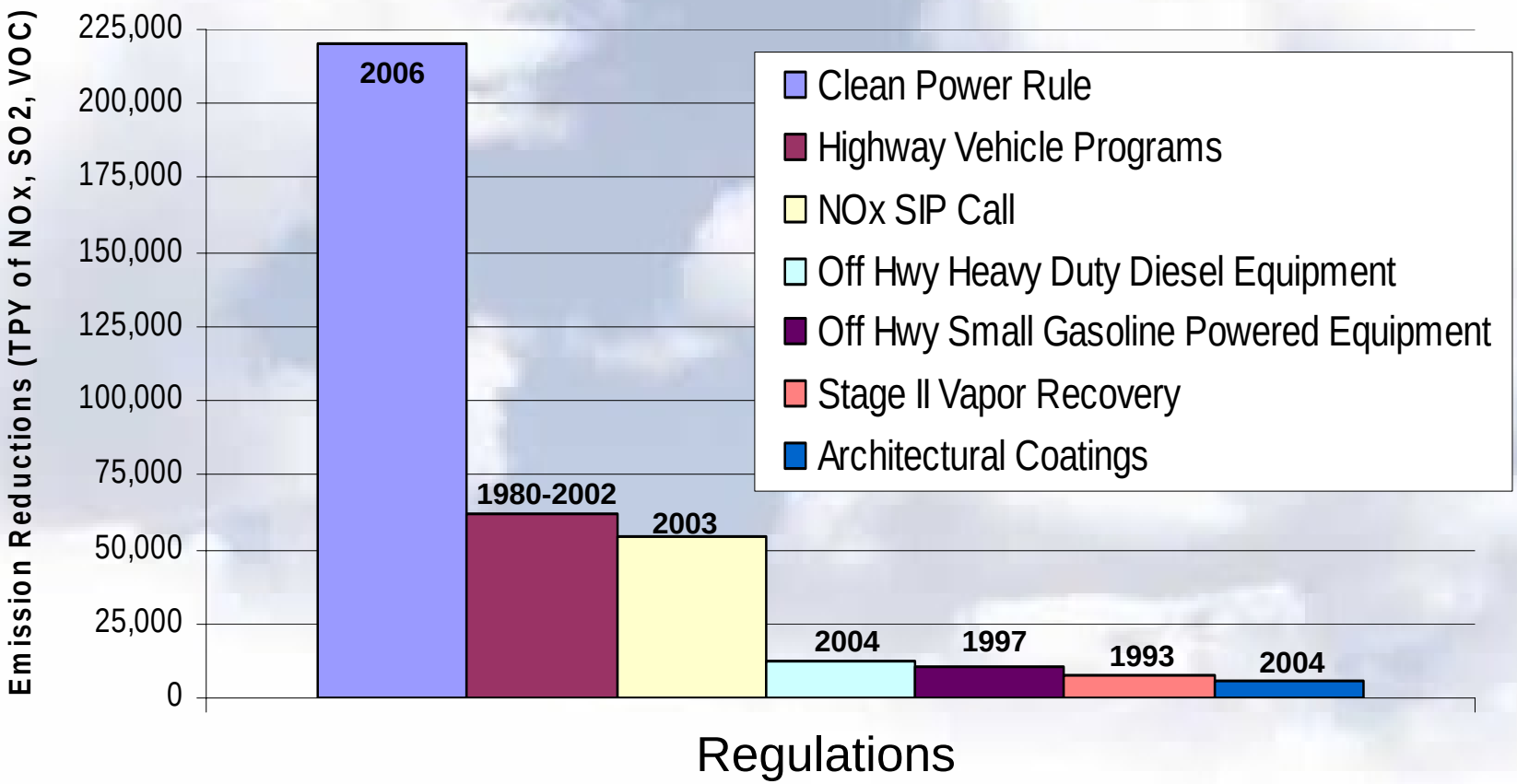
Chesapeake Bay Benefits

Reduction Areas	Maryland Clean Power Rule Benefits to the Chesapeake Bay
Reduction in Maryland Airborne Nitrogen Load to the Bay from Utilities	700,000 – 900,000 lbs per year 15% reduction
Estimated reduction contribution to Maryland's *Chesapeake 2000 (C2K)* commitment	700,000 – 900,000 lbs per year 5% contribution to Maryland commitment to reduce Maryland's 2010 Nitrogen delivery by 19,650,000 lbs per year
Reductions in Mercury Emissions into the Chesapeake Bay Watershed	Significant reduction to mercury in Bay watershed

Source: Maryland Department of the Environment

Clean Power Rule

Largest Maryland Emission Reductions Ever



* Sulfur Dioxide (SO_2), Nitrogen Oxides (NOx), and Volatile Organic Compounds (VOC)

Source: Maryland Department of the Environment

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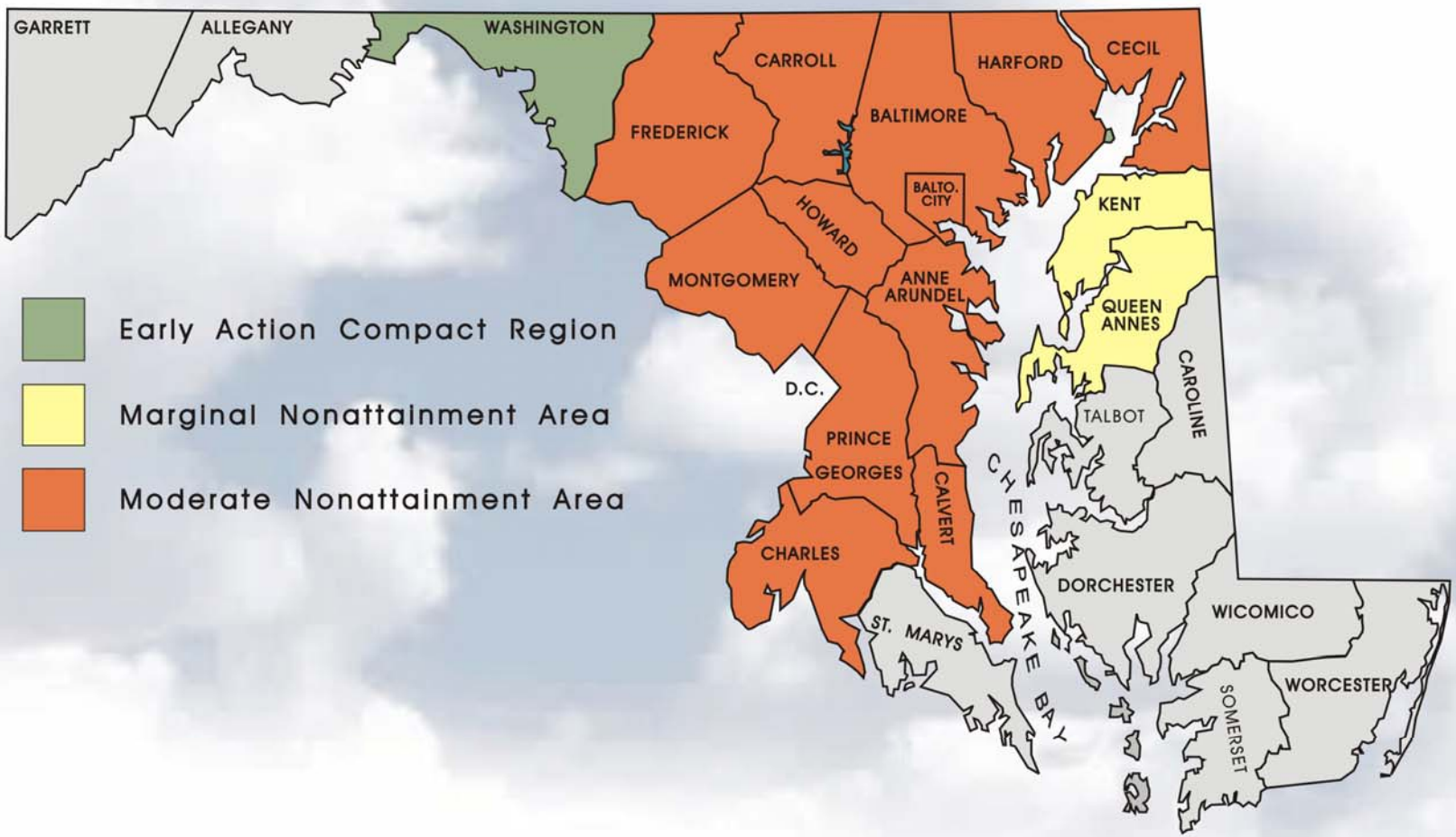
8-hour Ozone Nonattainment Areas



Source: Maryland Department of the Environment

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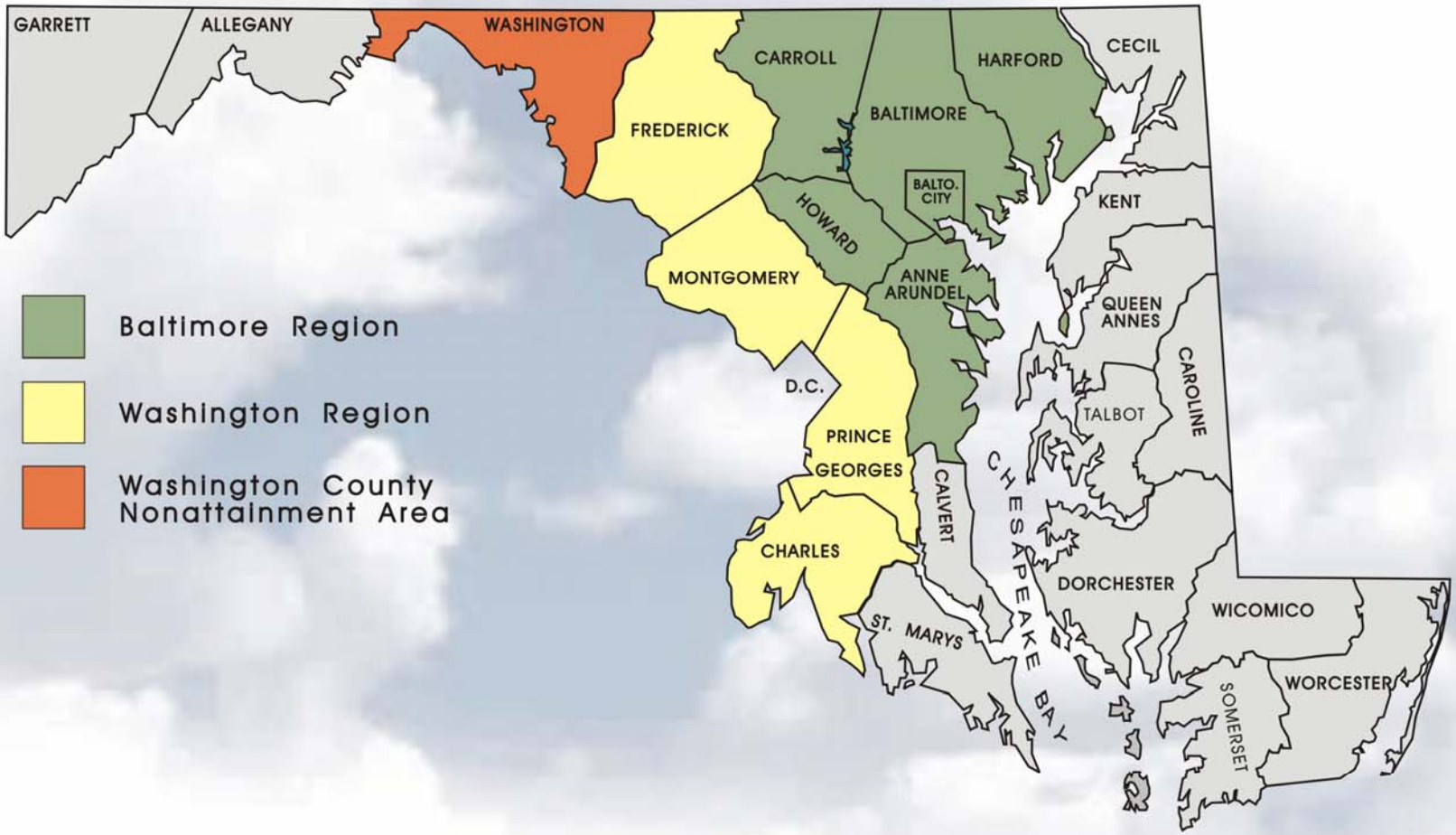
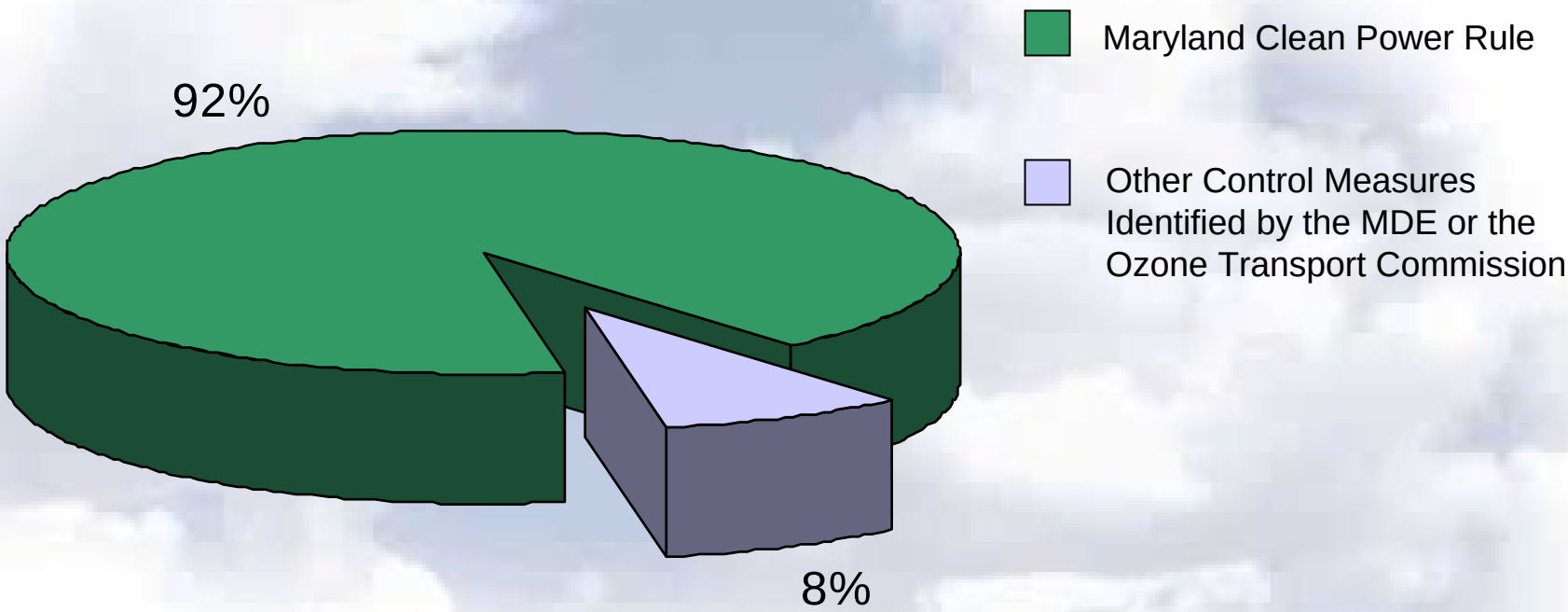
Fine Particle Nonattainment Areas



Source: Maryland Department of the Environment

Local Emission Reductions Needed in Maryland to Comply with 2010 Ozone and Fine Particulate Standards



* Assumes an appropriate level of control in upwind states to reduce air pollution transport into Maryland as estimated by EPA

Source: Maryland Department of the Environment