

Power Sector Strategy: Climate, Public Health, Environmental Justice

The Building Blocks

Briefing for Gina McCarthy and Ali Zaidi

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EPA Has Responsibility Across Multiple Media to Address Environmental Effects of the Power Sector

- Air
 - Toxics
 - NAAQS Pollutants
 - GHGs
 - Regional Haze
- Water
 - Effluent Limitation Guidelines
 - Cooling water requirements
- Solid Waste
 - Coal Combustion Residuals

Key Considerations - Timing

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Ex. 5 Deliberative Process (DP)

- Air Toxics Standards (Flagged in EO)

Ex. 5 Deliberative Process (DP)

Key Constraints - Geographic Scope

- Some authorities apply to all units across the country while others only apply to a subset of units
 - National Rules Include
 - Air Toxics Standards
 - GHG Standards
 - Water Standards
 - Coal Combustion Residual Standards
 - Authorities that would cover a subset of units include
 - Non-attainment provisions (transport provisions would generally cover a greater number of units than provisions for non-attainment areas)
 - Regional Haze

Effluent Limitation Guidelines and Coal Combustion Residuals

Ex. 5 Deliberative Process (DP)

Air Toxics Standards (e.g., MATS Rule)

Ex. 5 Deliberative Process (DP)

Non-attainment Provisions

Ex. 5 Deliberative Process (DP)

111(d) CO2 Standards

- National in scope, but requires two step process (EPA guidelines followed by State Plans)

Ex. 5 Deliberative Process (DP)

Regional Haze

Ex. 5 Deliberative Process (DP)

Next Steps for Coal-Fired Units

Ex. 5 Deliberative Process (DP)

New Natural Gas Units and 111(b)

Ex. 5 Deliberative Process (DP)