

# 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

- Timing

## **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

**Ex. 5 Deliberative Process (DP)**

**Ex. 5 Deliberative Process (DP)**

New Natural Gas Units and 111(b)

**Ex. 5 Deliberative Process (DP)**