



National
Association of
Regulatory
Utility
Commissioners



U.S. EPA CLEAN POWER PLAN BASICS

NARUC-CAMPUT BILATERAL ROUNDTABLE
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I. Regulation Proposed By EPA Under §111(d) Clean Air Act

A. CAA passed in 1970

B. CAA amended in 1990

II. Other CAA Pollutants

- A. Criteria pollutants (particle pollution, ground-level ozone, carbon monoxide, sulphur oxides, nitrogen oxides, and lead)
- B. MATS – mercury and air toxics
- C. §111(b) – new sources of carbon pollution

III. §111(d) – existing sources

A. Timeframe

1. June 2, 2014 – Rule proposed
2. September 18, 2014 – extended comment deadline to December 1, 2014
3. “mid-summer” – final rule to be published
4. June 30, 2016 – deadline for states to submit initial plans (1-2 year extensions),
(longer timeframes for multi-state plans)

III. §111(d) – existing sources

A. Timeframe (continued)

5. Summer 2017 – proposed due/date for plans with 1 year extension
6. Summer 2018 – proposed due/date for plans with 2 year extension
7. Summer 2020 – interim compliance deadline
8. Summer 2030 – final compliance deadline

III. §111(d) – existing sources

B. Measurements – Standards

1. Rate-based performance level
(lbs CO₂/MWH)
2. Mass-based – conversion from
rate-based (tons CO₂/year)

III. §111(d) – existing sources


C. State goal calculation – Best system of emission reduction (BSER); Building Blocks

1. Improve efficiency of power plants
(Average heat rate improvement of 6%)
2. Use lower emitting sources
Dispatch existing NGCC up to 70% capacity factor

III. §111(d) – existing sources

C. State goal calculation (continued)

3. Use lower emitting power sources more
– i.e. solar, wind, nuclear
4. Use electricity more efficiently
Increase demand-side energy efficiency 1.5% annually

A photograph of a nuclear power plant at night. Two large, white, hourglass-shaped cooling towers are visible on the left and right sides of the image. In the center, there are several tall, dark smokestacks emitting thick, white plumes of steam or smoke that rise into the dark blue night sky. The plant's buildings are illuminated with bright lights, creating a stark contrast with the dark surroundings. The foreground is dark, showing the silhouettes of trees and foliage.

Thank you
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