



# **EPA Clean Power Plan: The Initial Submittal**

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# EPA's August 3, 2015 Actions

EPA took three actions under the Clean Air Act to reduce carbon pollution from the power sector:

1. Carbon Pollution Standards – new, modified and reconstructed sources
2. Clean Power Plan – existing sources
3. Proposed Federal Implementation Plan (FIP) and model rule for the Clean Power Plan

# Many compliance options

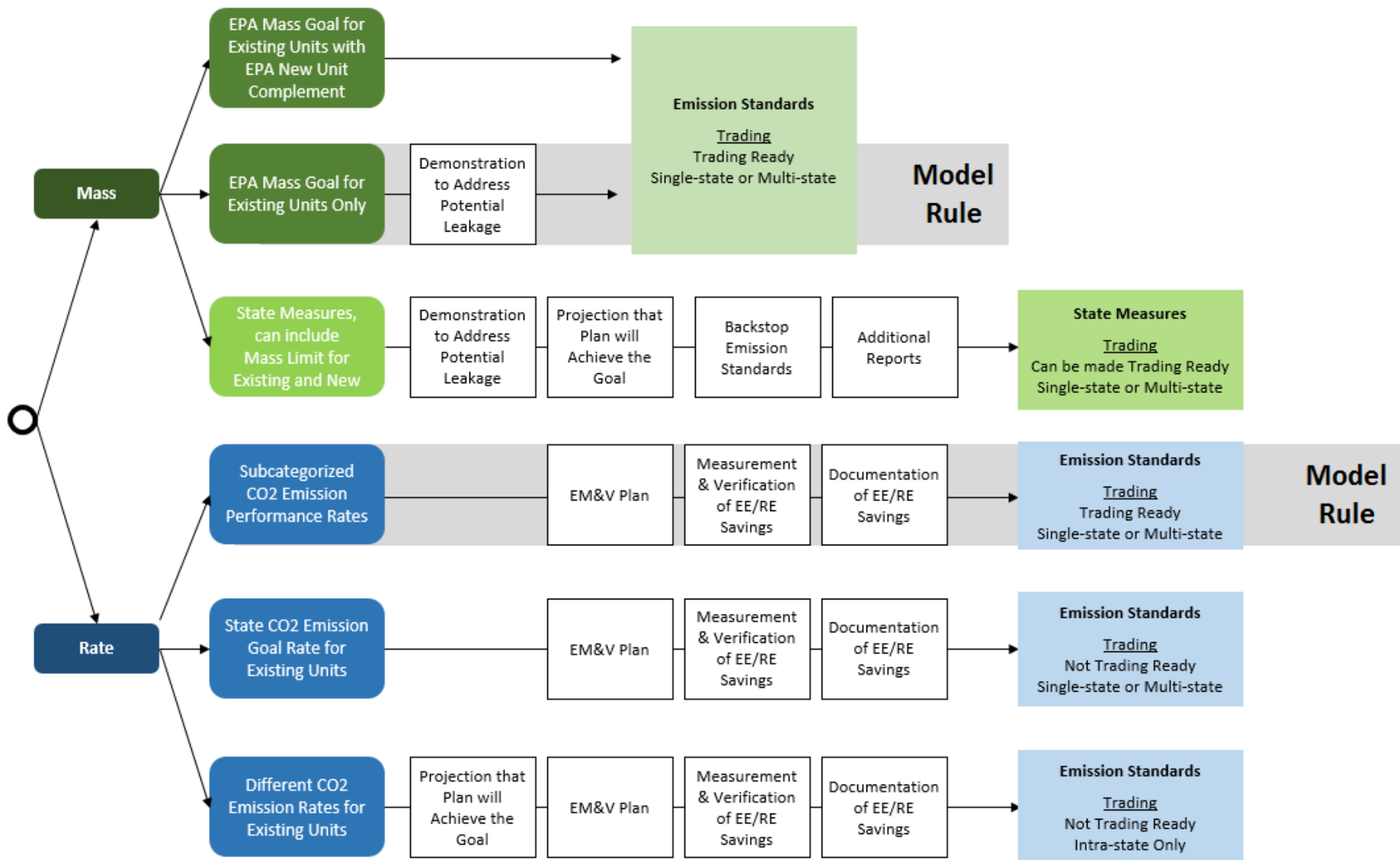
- Renewable energy
- Demand-side energy efficiency
- Combined heat & power
- Fuel switching to lower carbon fuels
- Heat rate improvements
- Nuclear generation (new & capacity uprates)
- Qualified biomass co-firing & repowering
- Transmission & distribution improvements
- Emissions trading
- Other if approved by EPA

(Only post-2012 projects get compliance credits)

# Many compliance pathways to choose from

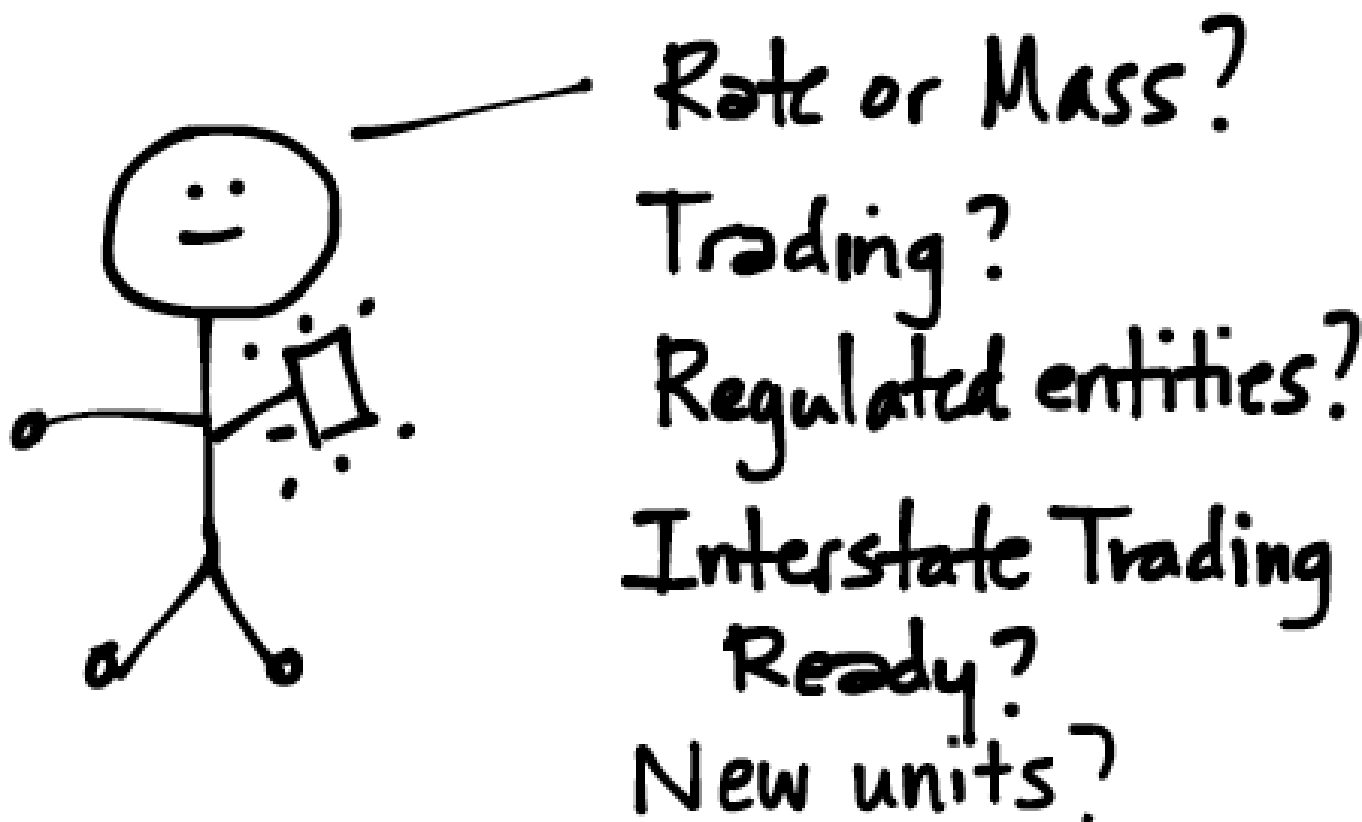
Type

Requirements, Plan Type & Trading Options



# States have much to consider...

## Threshold Questions



# Clean Power Plan Timeline

Summer  
2015

- August 3, 2015 - Final Clean Power Plan

1 Year

- September 6, 2016 – States make initial submittal with extension request or submit Final Plan

3 Years

- September 6, 2018 - States with extensions submit Final Plan

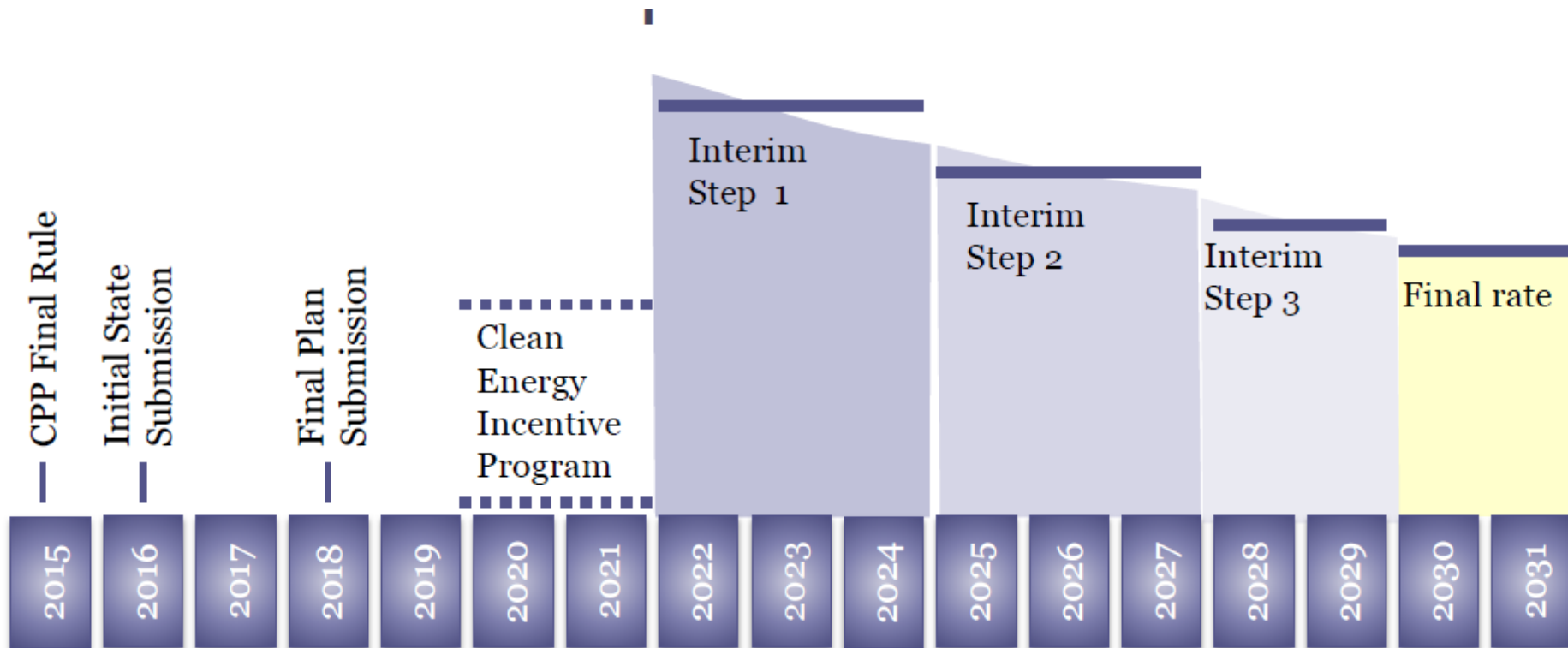
7 Years

- January 1, 2022 - Compliance period begins

15 Years

- January 1, 2030 - CO<sub>2</sub> Emission Goals met

# Clean Power Plan Timeline – More Detail



- EPA is encouraging early action in 2020-2021
- Interim compliance period pushed back 2 years to 2022
- Three interim steps
- Two year compliance periods for final goal

# **Initial Submittal: September 6, 2016**

Must demonstrate that the state has taken certain preliminary and readily achievable steps toward development of its plan.

- NO binding decisions
- NO technical information
- NO quantitative analysis
- NO public hearing
- YES opportunity for comment

Initial Submittal is not intended to be a heavy lift.



# Components of the Initial Submittal

1. Plan approaches under consideration, and progress on final plan components.
2. Justification for extension.
3. Public engagement: progress and plans.

*\* Plus a non-binding statement of intent to participate in the Clean Energy Incentive Program **if** the state wants to preserve the option to participate.*

# Components of the Initial Submittal

1. Plan approaches under consideration, and progress on final plan components.

- *Approaches*: Rate-based vs mass-based, single-state vs multi-state, emission standards vs state measures, trading vs no trading, etc. (State may list multiple options.)
- *Progress*: Narrative only, no data or analysis required.

# Components of the Initial Submittal

## 2. Justification for extension.

### *Examples:*

- Need for legislation or regulation (with timelines)
- Need for data analysis (with description of analysis types)
- Need for further stakeholder engagement (with schedule)

# Components of the Initial Submittal

## 3. Public engagement: progress and plans.

- a. Opportunities for public comment and meaningful stakeholder engagement on the *initial submittal*, including outreach to vulnerable communities.
- b. Plan for public comment and meaningful stakeholder engagement on the *final state plan*, including outreach to vulnerable communities. (Public hearing required.)

# Outreach to vulnerable communities

- Clean Power Plan emphasizes and requires meaningful engagement with vulnerable communities throughout the 3-year planning process.
- “Vulnerable communities” is not defined in the rule. State must explain its method for identifying vulnerable communities (EJSCREEN or other methods).
- *“The agency uses the terms “vulnerable” and “overburdened” in referring to low-income communities, communities of color, and indigenous populations that are most affected by, and least resilient to, the impacts of climate change, and are central to our community and environmental justice considerations.” - Clean Power Plan*

# Summary – Initial Submittal

- Due date: September 6, 2016.
- Not meant to be onerous.
- Three required components:
  1. Plan approaches under consideration, and progress on final components.
  2. Justification for extension.
  3. Public engagement – progress and plans
- Public engagement will be the heaviest lift.

# For additional information

- For more information and to access a copy of the rule, visit the **Clean Power Plan website**: <http://www2.epa.gov/carbon-pollution-standards>
- Through graphics and interactive maps, the **Story Map** presents key information about the final Clean Power Plan. See: <http://www2.epa.gov/cleanpowerplan>
- For additional resources to help states develop plans, visit the **CPP Toolbox for States**: <http://www2.epa.gov/cleanpowerplantoolbox>
- EPA provides **webinars** and **training** on CPP related topics at the air pollution control learning website. See: <http://www.apti-learn.net/lms/cpp/plan/>