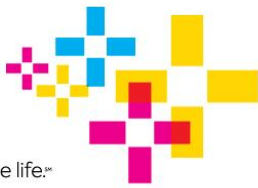




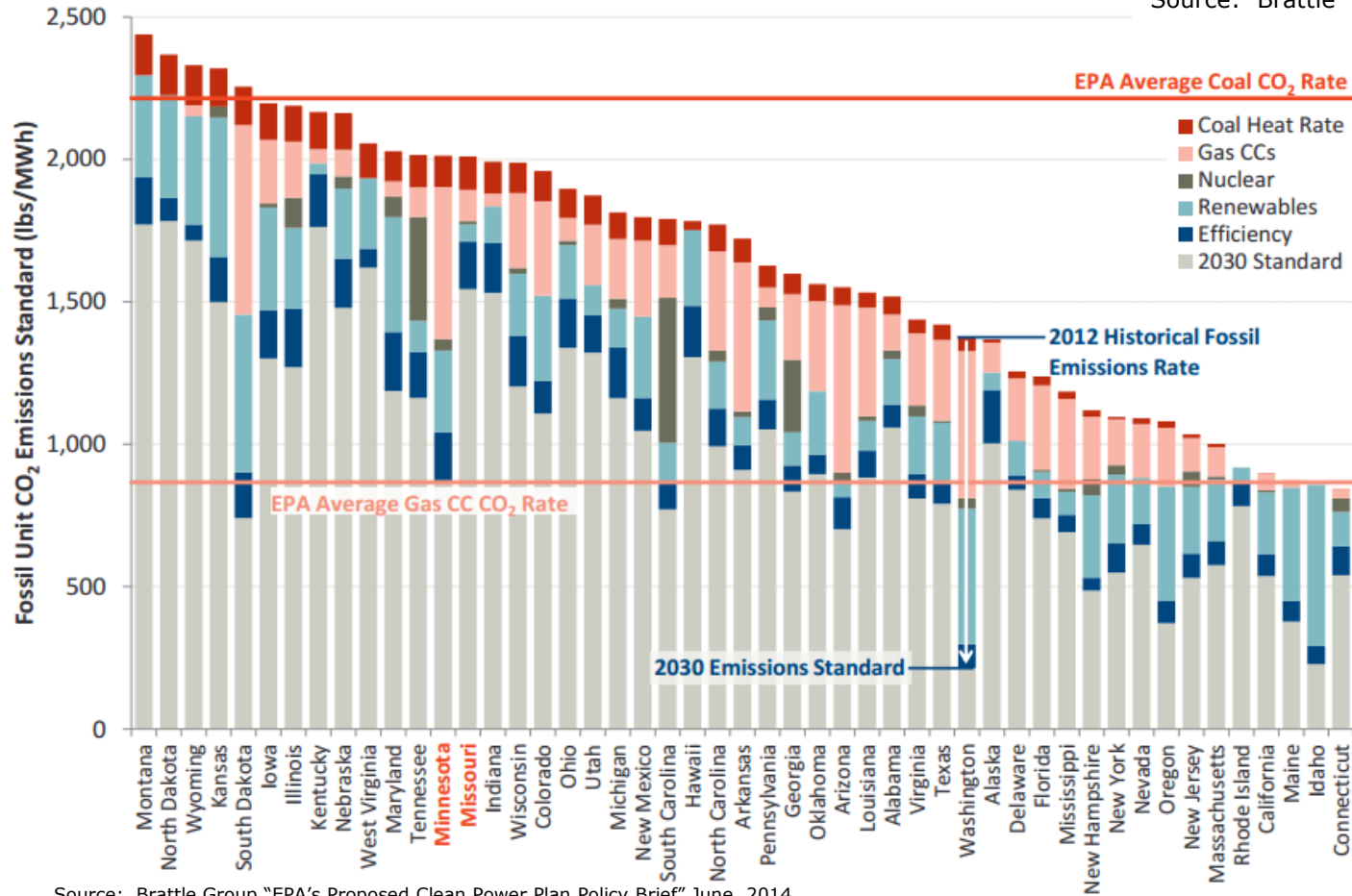
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Clean Power Plan 2030 "building blocks" and targets by state

2030 Fossil EGU CO₂ Emissions Standards by State

Source: Brattle

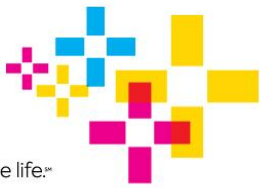


Source: Brattle Group "EPA's Proposed Clean Power Plan Policy Brief" June, 2014.
<http://www.brattle.com/system/publications>

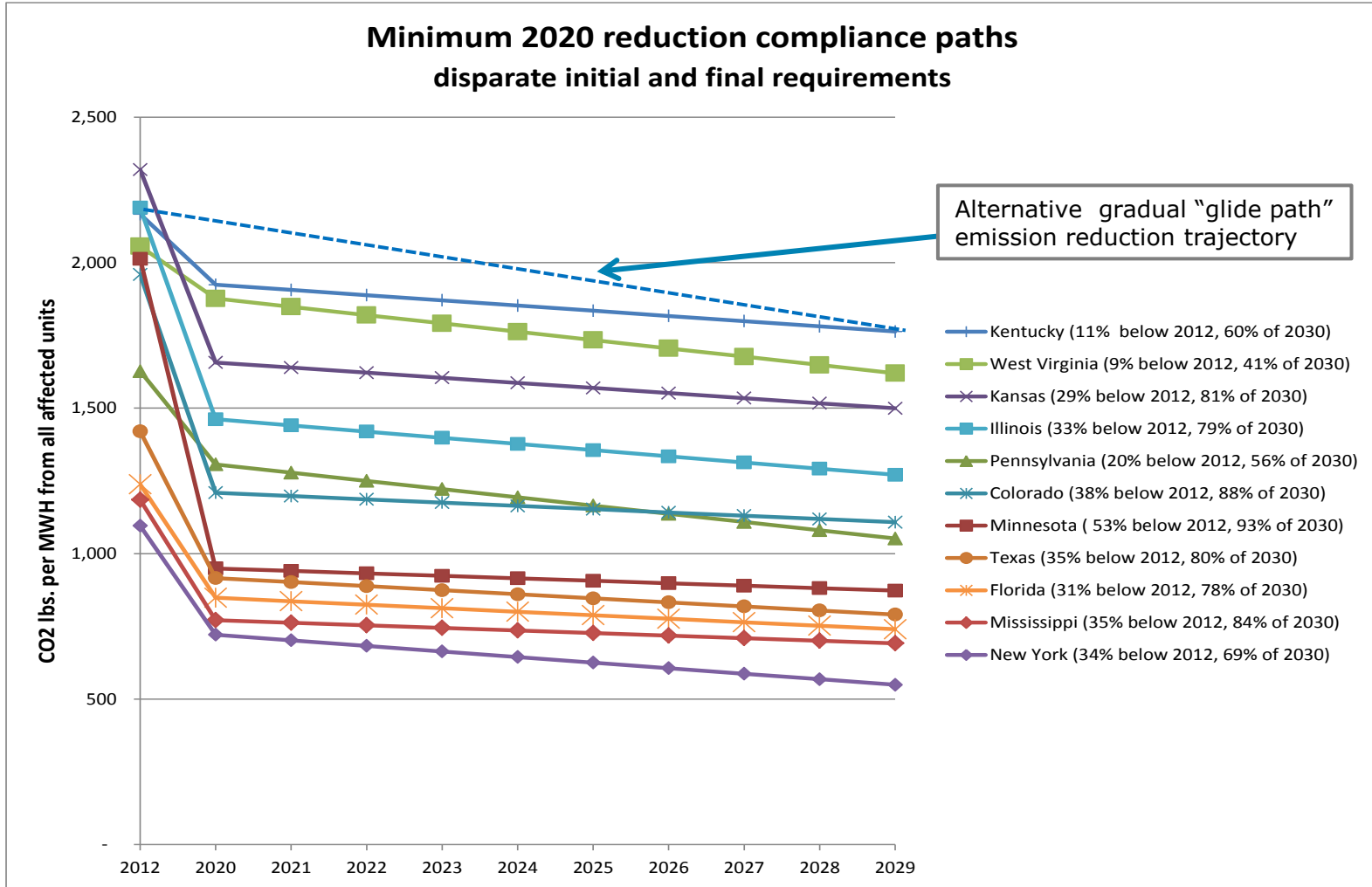
"The proposed guidelines are structured so that states would **not** be required to use each and every one of the measures [i.e. building blocks] ..." FR 34835 0



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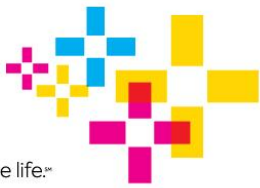
Glide Paths or Cliffs?



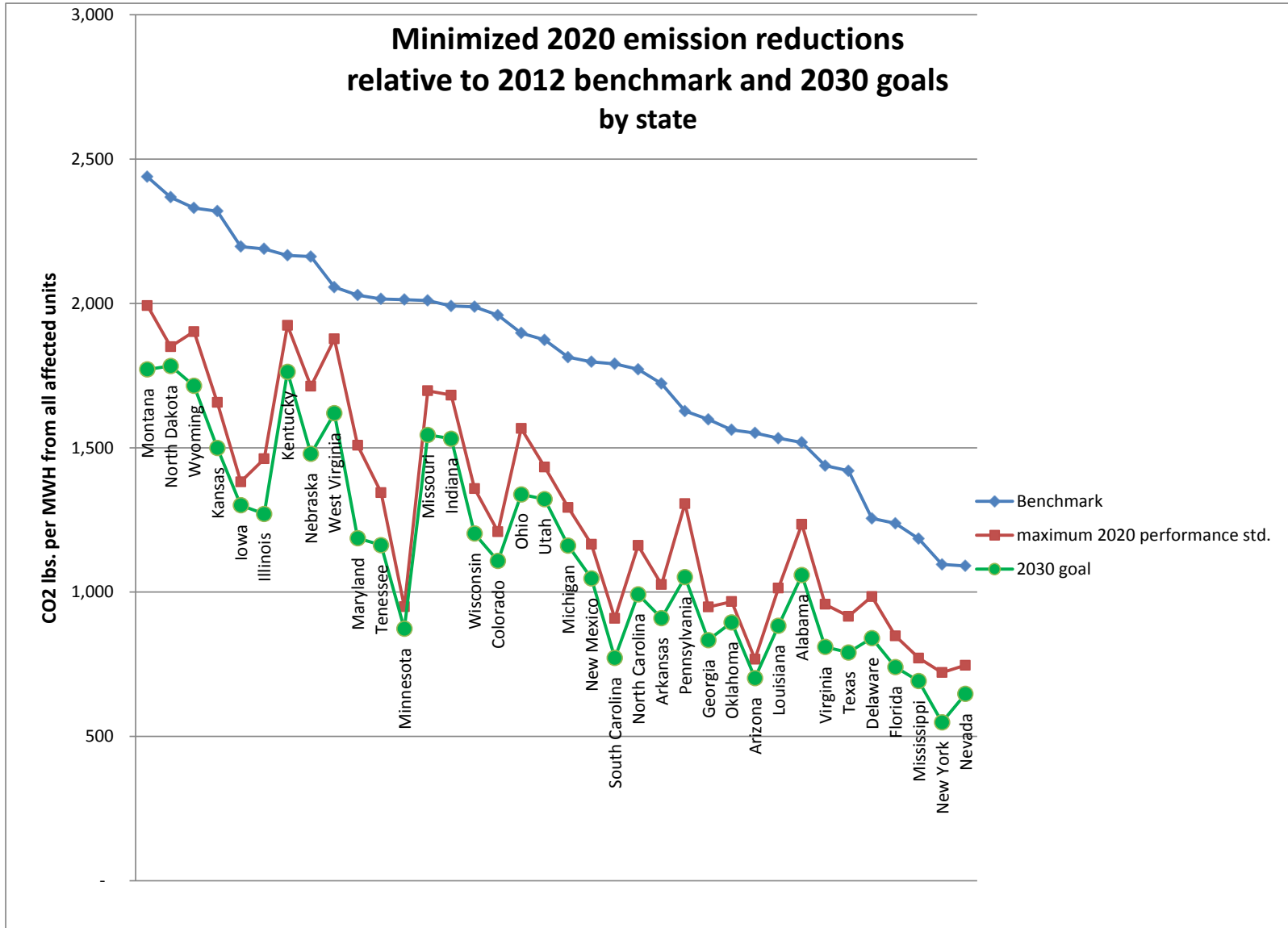
Alternatives suggested in EPA's NODA would give states more time to develop and deploy various "building blocks" and related policies



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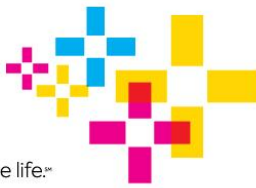
Some states must achieve the majority of their 2030 goal within the first year of compliance



Extra

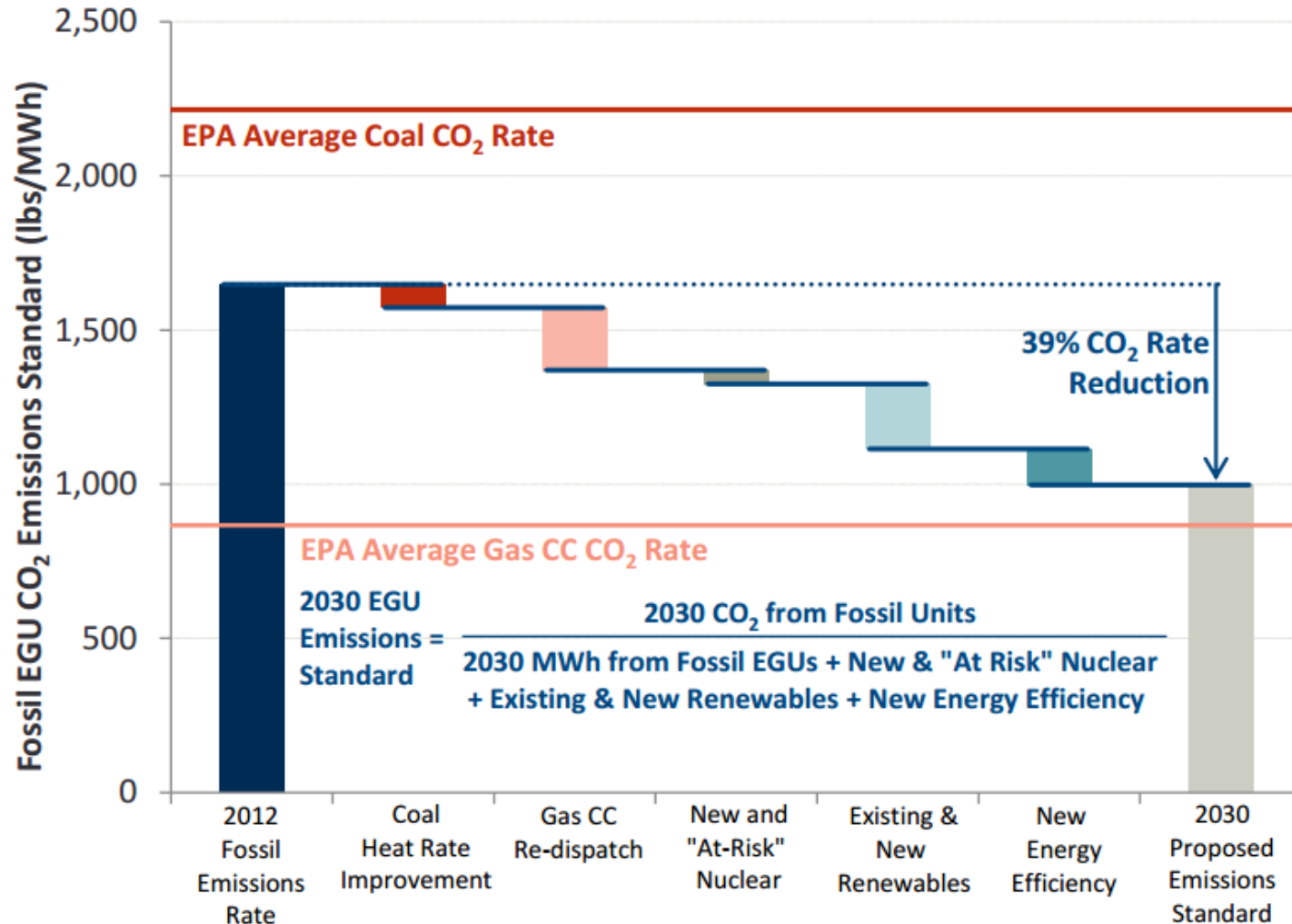


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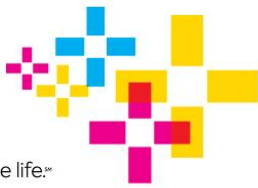


Conceptual overview of EPA's building blocks in the proposed 111(d) rule

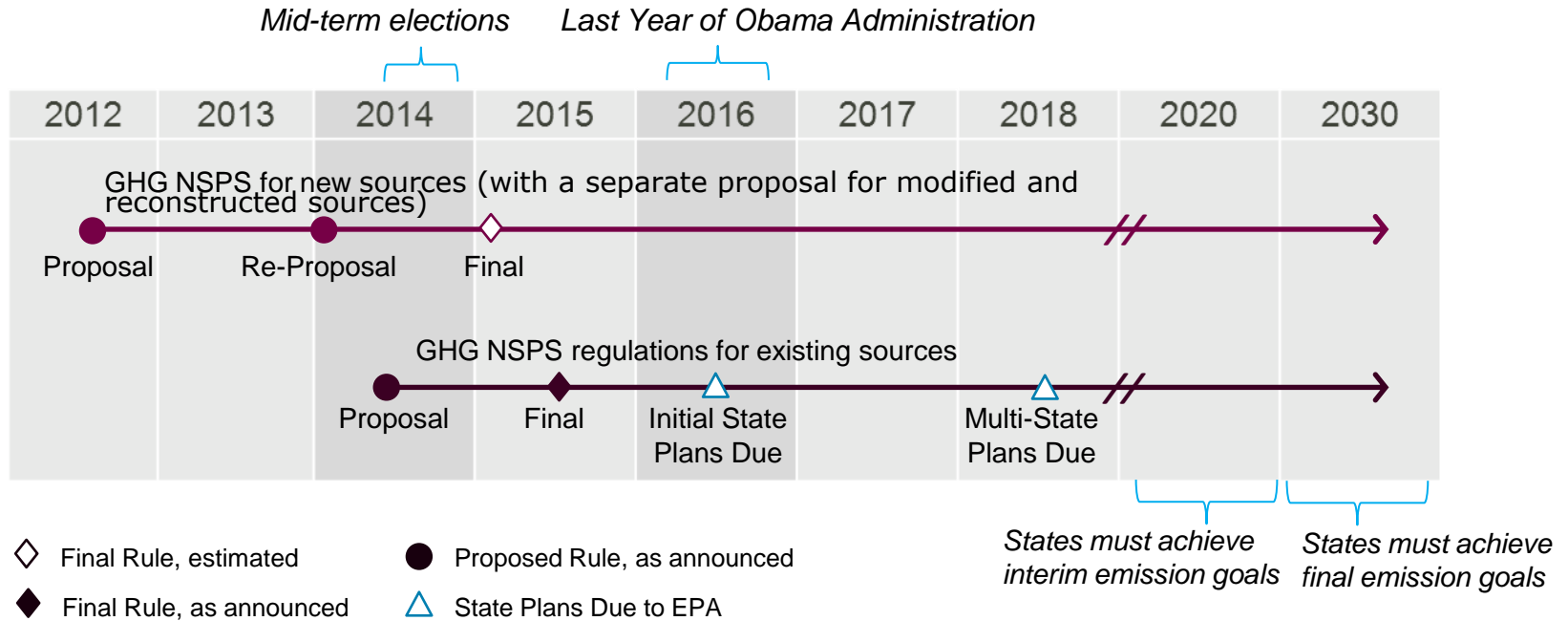
Calculation of National Average Fossil EGU CO₂ Emissions Standards based on BSER



Source: Brattle



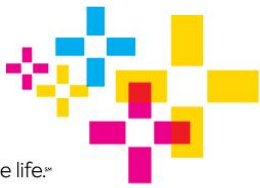
The proposed 111(d) rule allows 2 years for states to develop interstate plans, and 1 year for individual state plans



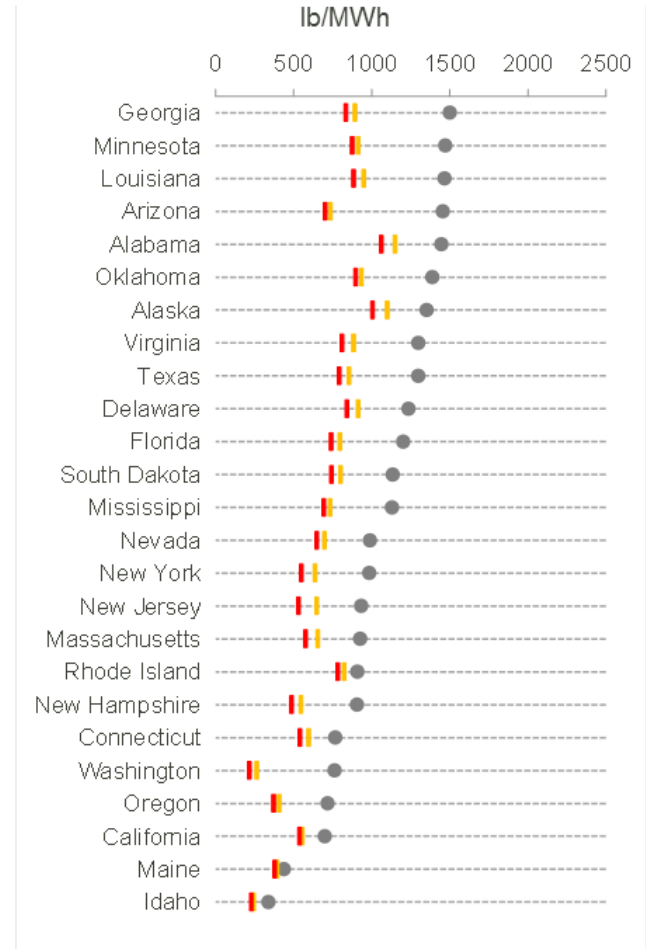
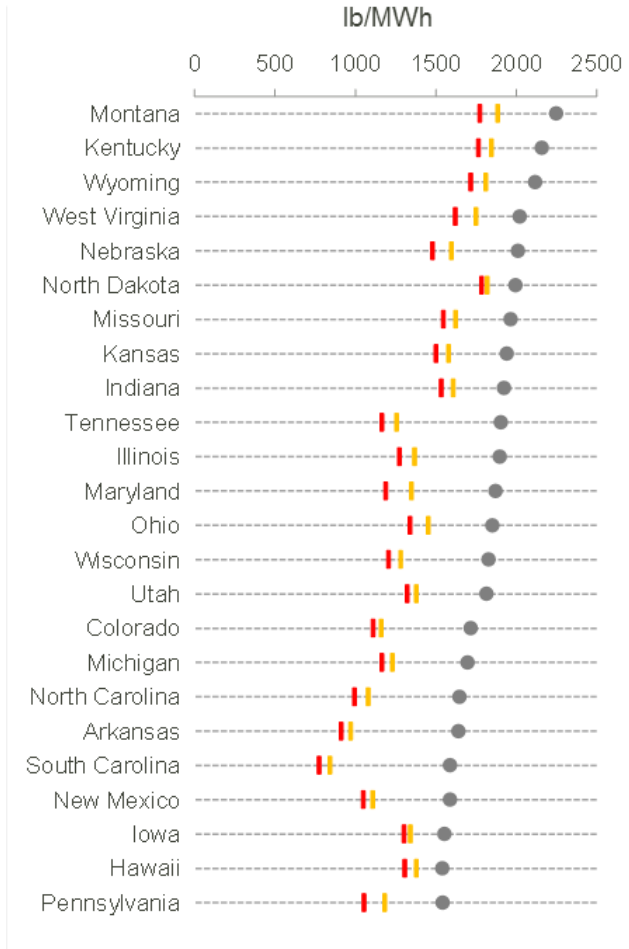
Source: MJ Bradley



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State final (2030) and interim (2020-2029) CO2 lbs/MWh targets w/ average 2012 state carbon intensity



Interim State Goal (2020-29)
Average of the adjusted yearly rates for the period 2020-2029

Final State Goal (2030+)

Comparable Composite Rate in 2012

(ie, includes existing non-hydro renewable and "at-risk" nuclear; no coal heat rate improvement, no NGCC redispatch, no new nuclear, and no EE savings)

