The Clean Power Plan

DETERMINING THE PATH FORWARD FOR SOUTHERN STATES

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"When you come to a fork in the road, take it."

– Yogi Berra

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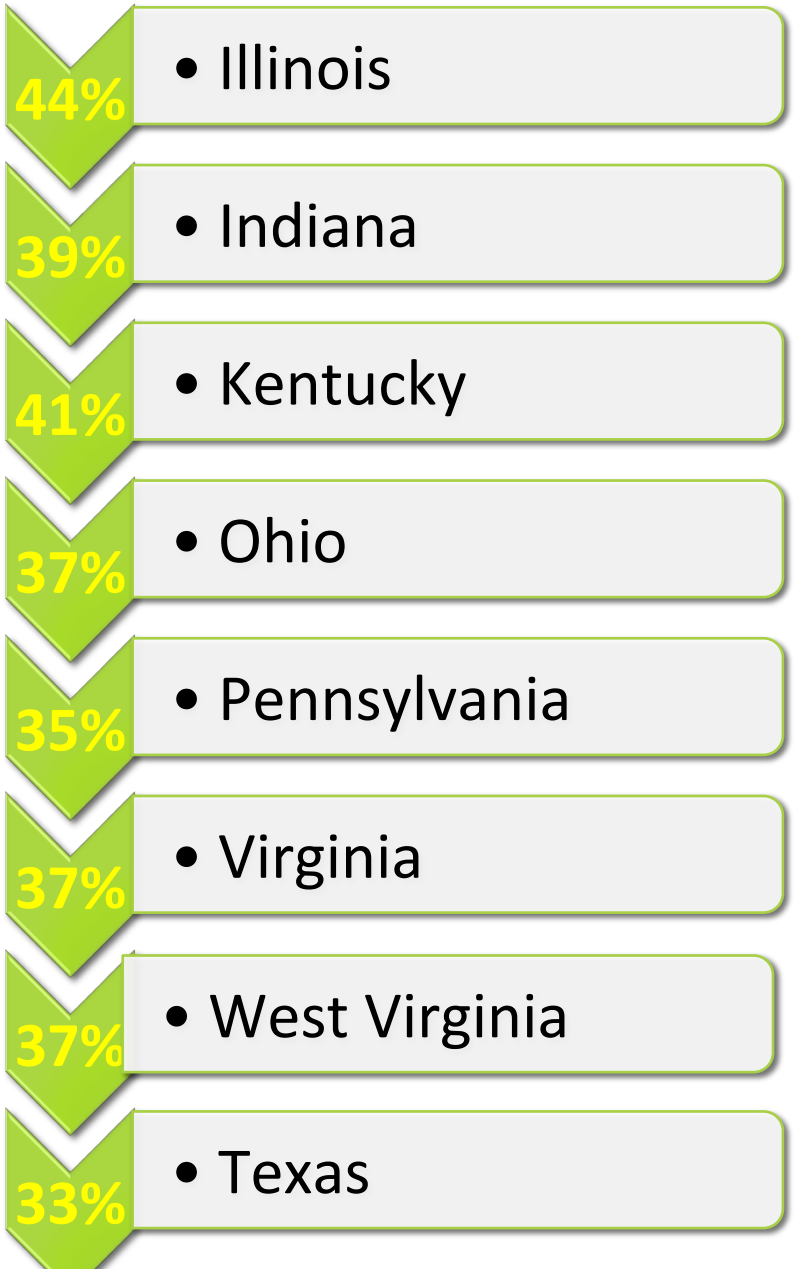
Will the CPP further reduce coal consumption in the US?

Yes.

CPP Final CO_2 Emission Reduction Requirement



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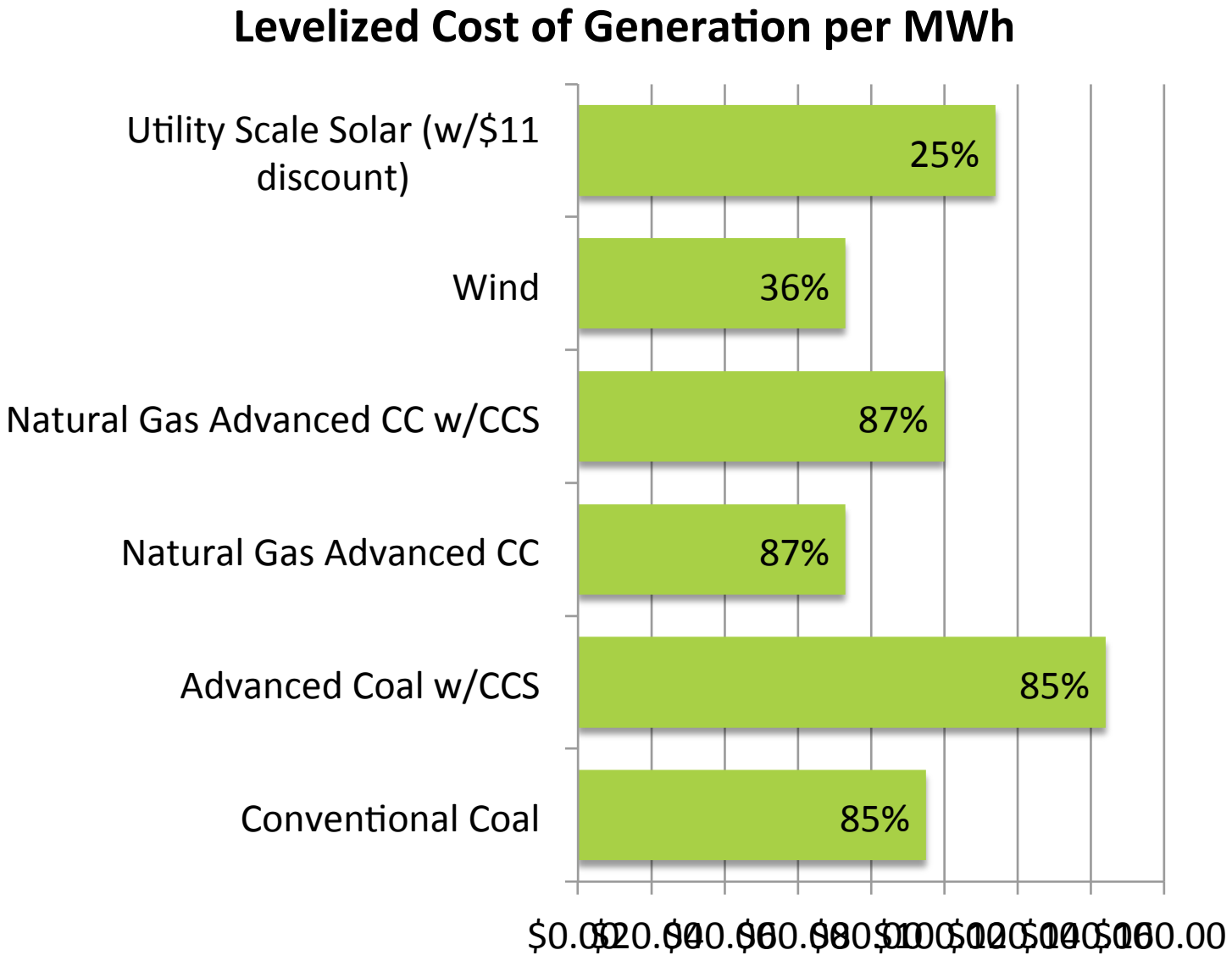
If the CPP is not enacted, will coal consumption likely increase?

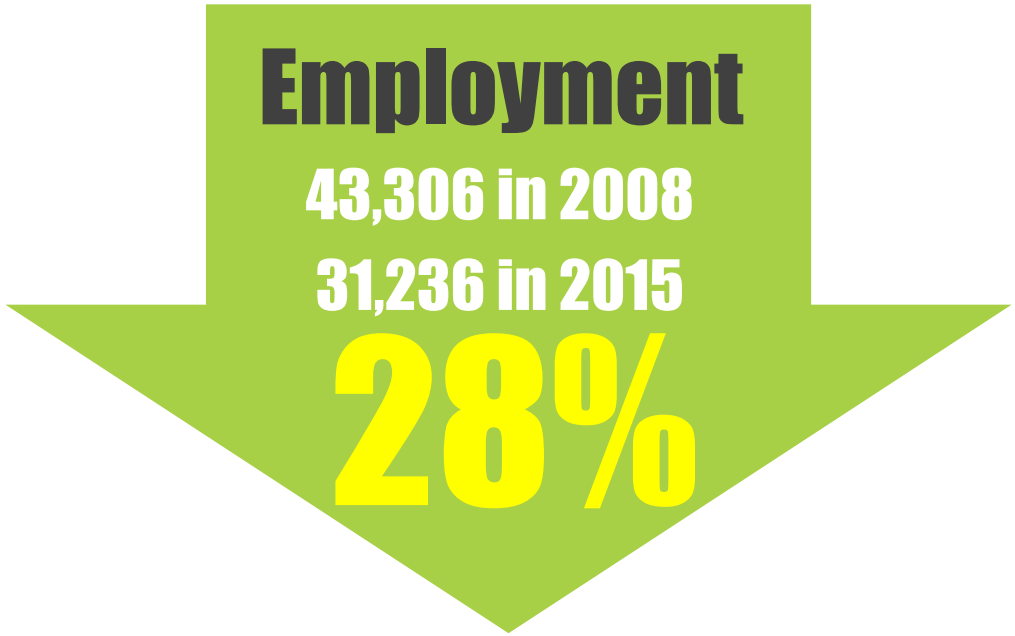
No.



Source: EIA. Note: % shows plant availability or "capacity factor"

Are entire communities being decimated by the decline of coal?

Yes.



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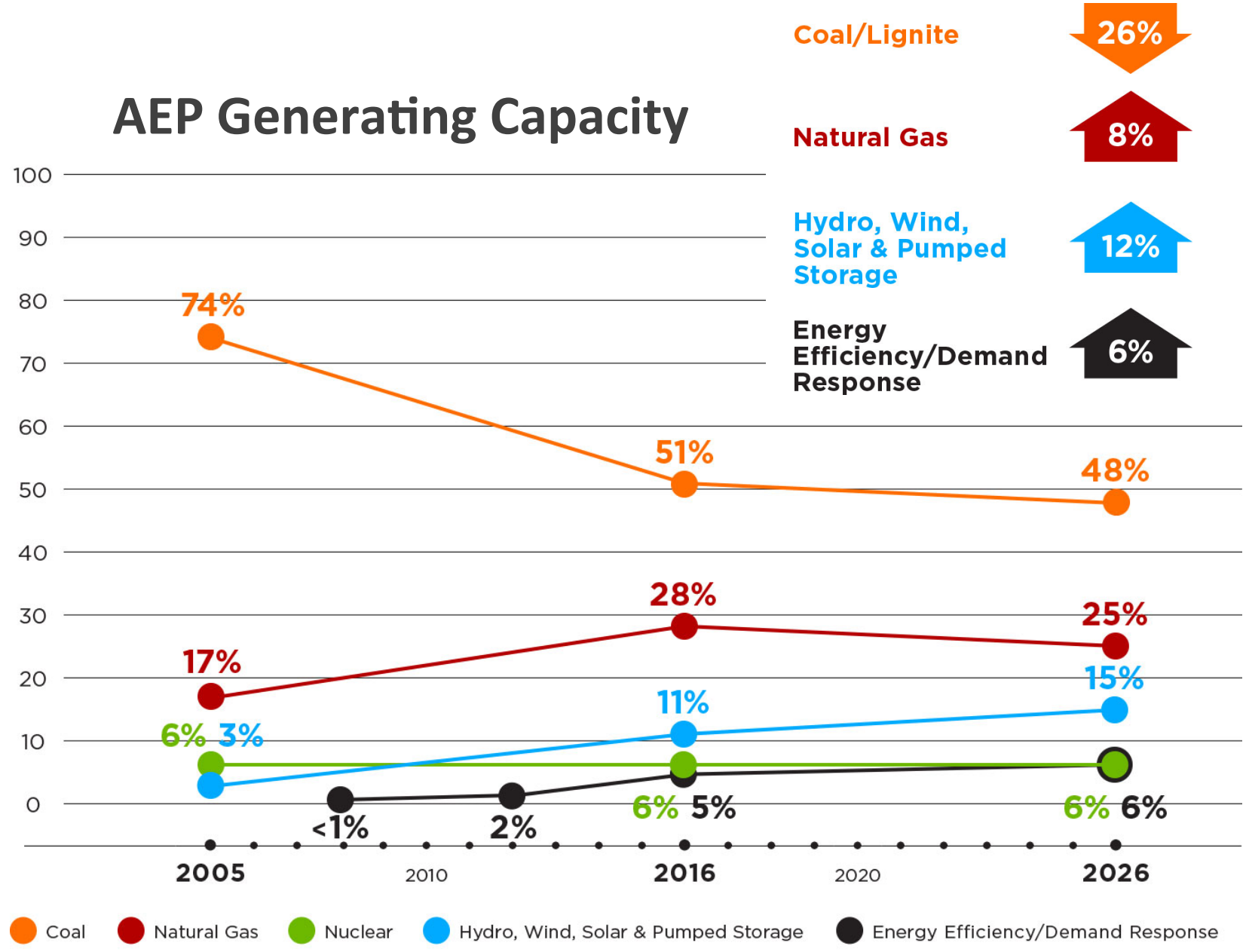
Will technology stall if the CPP is not enacted?

No.

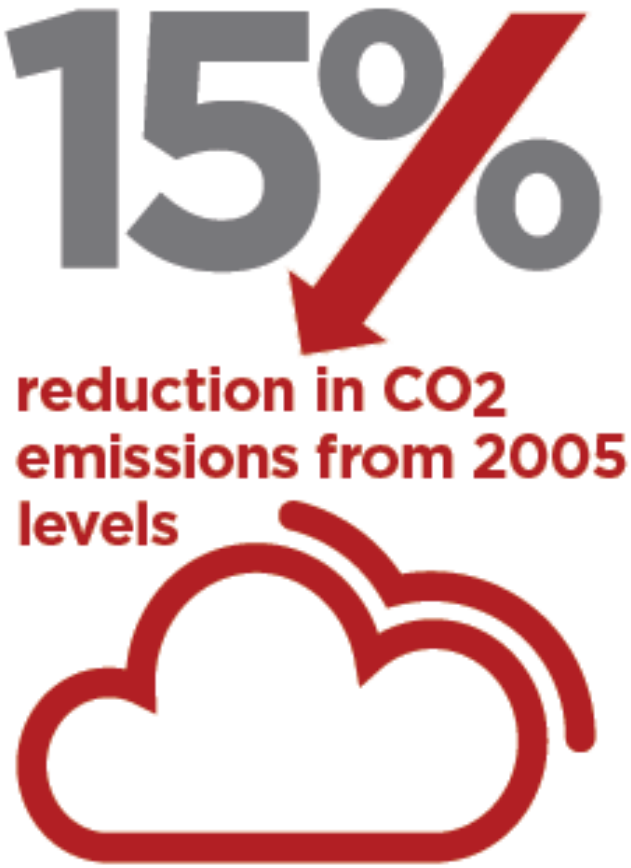


Will Co_2 from EG increase without CPP?

No.

AEP Stats

- Carbon emissions have decreased from 145 million metric tons (MMTs) to 123 MMTs in 10 years
- Additionally, units retired in 2015 emitted ~20 MMTs last year



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If CPP is not enacted, is the status quo likely?

No.

- 72% of adults believe there's solid evidence the Earth is getting warmer
  - 77% of those under age 50
- 64% are in favor of stricter emissions limits on power plants to address climate change
- Global companies joining climate change initiatives
  - Investment managers controlling $2.6 trillion commit to divest from fossil fuels
  - Global companies commit to power entirely with renewable energy
    - Johnson & Johnson, Proctor & Gamble, Starbucks, Goldman Sachs, Walmart

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Will the CPP increase cost of electricity?

Yes.

- Existing fleet will be under-utilized
- Will replace that fleet with new capacity, some of which will
  - Cost more
  - Be intermittent

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Is reliability threatened by the EPA's regs?

Possibly

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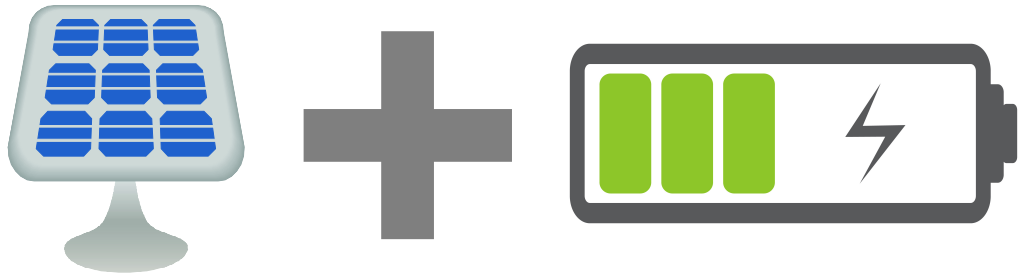
- PJM, SPP, ERCOT and MISO are already working on reliability studies under the final rule
- NERC is also doing an overall reliability assessment and will be advising the RTOs
- Intermittency and ancillary service issues are key parts of analysis



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Is the CPP a fait accompli?

No.

- Of those states weighing in on the Clean Power Plan
  - Half are seeking a stay
  - Half oppose a stay

Is the CPP a fait accompli?

"I guess the bottom line is this:

"You can legitimately go after me on the Clean Power Plan rule because…that was hatched by us, and I believe we need to deal with climate change, so we can have a lengthy debate about that."

– President Barack Obama

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In conclusion…

"It ain't over 'til it's over."

"We made too many wrong mistakes."

– Yogi Berra

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