



THIRD WAY

Overview: IRA 45U Tax Credit

- IRA Sec. 13105: Zero-Emission Nuclear Power Production Credit (“Nuclear PTC”)
- Purpose - prevent premature nuclear plant closures (existing nuclear power facilities)
- Credit - **0.3 cents/kWh** (up to **1.5 cents/kWh** if prevailing wage requirements are met)
- Timeline - begins in **2024**; expires in **2033**

Why Does it Matter?

- Nuclear is the largest source of the United States’ carbon-free electricity
- Prematurely closed nuclear plants are **predominantly replaced by fossil fuels**, increasing both climate and non-climate emissions
- Preserving the foundation for the future of nuclear: workforce, supply chain, etc.

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Importance of Preserving Existing Nuclear



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Preservation of the U.S. nuclear fleet has immense consequences for meeting our climate and environmental goals. According to a [Union of Concerned Scientists \(UCS\) report in 2018](#), “[m]ore than one one-third of US nuclear plants are unprofitable or scheduled to close,” and this situation has only become worse in recent years.

Given that our [nuclear plants generate over half of our carbon-free and emissions-free electricity](#), premature nuclear closures have enormous implications for meeting our climate and emissions reductions targets.

Early nuclear retirements are replaced by fossil fuels...

Contrary to belief, *closed nuclear plants are not replaced by clean energy sources, but are overwhelmingly displaced by fossil fuel generation.*

Source: <https://www.thirdway.org/memo/importance-of-preserving-existing-nuclear>



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