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The One, Big, Beautiful Bill: Way & Means Chairman's Mark-Energy Tax Credit Implications

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David Burton

Partner

New York

+1 212 318 3311

david.burton@nortonrosefulbright.com

The One, Big, Beautiful Bill (TOB3)

- TOB³ would take a scalpel, not a sledgehammer, to the IRA tax credits
- If enacted the clean energy industry would feel some pain, but it looks like it would survive
 - The biggest loss would likely be the loss of tax credit transferability for projects that begin construction after the second anniversary of the enactment of TOB³
- TOB³ appears to reflect negotiations between Speaker Johnson and the Republican supporters of the IRA tax credits (e.g., Rep. Andrew Garbarino (New York, 2nd District))
- The text of TOB³ is available at <u>The-One-Big-Beautiful-Bill-Section-by-Section.pdf</u>
- The Joint Committee on Taxation's (JCT) summary is available at JCX-21-25 | Joint Committee on Taxation
- JCT's scoring report as of May 13 is available at JCT's scoring report as of May 13 is available at JCX-22-25 | Joint Committee on Taxation



Tech Neutral ITC (48E) & PTC (45Y)

- For projects placed in service in 2029, multiply the otherwise available credit by 80%;
 for projects placed in service in 2030, multiply the otherwise available credit by 60%;
 for projects placed in service in 2031, multiply the otherwise available credit by 40%; and
 for projects placed in service in 2031, multiply the otherwise available credit by 0%
- Note, the use of **placed in service**, rather than beginning construction (i.e., no safe harboring rule)
- Combined the changes are scored by JCT as raising \$183 billion
 - \$155 billion from the ITC changes
 - \$28 billion from the PTC changes



Advanced Manufacturing Production Credit (45X)

- There would be no manufacturing credit for wind components made after 2027
- The manufacturing credit would be repealed for all other technologies for components made after 2031
- These changes are scored by the JCT as raising \$44 billion



Residential Clean Energy Credit (25D)

- Section 25D would be repealed for equipment placed in service after December 31, 2025
- This credit applies to homeowners who install solar, geothermal heat pumps, etc., on their homes
 - (Does **not** mean if SunRun **owns** solar on a home, that there is no ITC for SunRun (see slide on 48E above))
- The repeal is scored by the JCT as raising \$77 billion



Other credits repealed for new equipment after December 31, 2025

- Energy efficient home improvement (25C)
- New energy efficient home (45L)
- Commercial electric vehicles (45W)
- EV charging (30C)
- Used EVs (25E)
- Note, the credit for consumers that buy new EVs will be terminated by the earlier of when the manufacturer sells 200,000 units and December 31, **2026**



Geothermal heat pumps (48(a))

- Geothermal heat pumps uniquely are currently covered by 48(a) (traditional ITC) for projects that begin construction before the end of 2032
- TOB³ would change that to

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construction begins before 2030 – 30% ITC; construction begins in 2030 – 26% ITC;
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construction begins in 2031 - 22%; and

construction begins during or after 2032 – 0% ITC

- The above percentages assume compliance with the prevailing wage and apprentice rules or that the project is under the equivalent of 1 MW
- Geothermal heat pumps would have a "construction begins" date transition rule, while 45Y and 48E would have a "placed in service" date transition rule
- JCT scores the change as raising \$22 billion



Carbon Capture Credit (45Q)

- No change in the amount of the credit
- No change in the years the credit is available
 - Treated more generously than wind, solar, storage or nuclear
- See slide below for elimination of transferability
- Direct pay would still be available



Nuclear Power Credit (45U)

- Phase-out starting in 2029.
- The otherwise available credit would be multiplied by:

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80% in 2029;
60% in 2030;
40% in 2031; and
0% after 2031
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- JCT scores the change as raising \$18 billion
- Some thought nuclear would be spared but apparently not



Hydrogen Production Credit (45V)

- Repealed for projects that begin construction after 2025
- Some thought hydrogen would be spared but apparently not
- JCT scores the repeal as raising \$9 billion
- Much of the hydrogen industry in the US was on the ropes after the Biden Administration's "three pillars" requirements in the 45V tax regulations



Clean Fuel Production Credit (45Z)

- Only energy tax credit that a beneficial change is proposed for
- Rather than being limited to sales before 2028, it would apply to sales before 2032
- No transferability for 45Z for fuel produced after 2027 (see next slide)



Transferability (6418) repealed with transition period

- No transferability if the project begins construction after the second anniversary of the enactment of TOB³
 - Credits under 45Q (carbon capture), 45Y (tech neutral PTC), 48E (tech neutral ITC) & 48(a) (geothermal heat pumps)
 - Note, use of begins construction
 - Carbon capture appears to still be eligible for direct pay, even if the project is placed in service after the second anniversary
- Special rules for certain technologies
- 45U (nuclear) no transferability for electricity generated after 2027
- 45Z (clean fuels) no transferability for fuel produced after 2027
- 45X (manufacturing) no transferability for components manufactured after 2027
 - But direct pay appears to still be available for 45X after 2027



Direct pay (6417) No change

- Direct pay would not be changed
- Likely due to lobbying by rural electric co-ops of Republican leadership
 - Such co-ops are tax-exempt and qualify for direct pay
- Still hearing reports that clients have not received their direct payments
 - Will that change now that the Republicans seem to have endorsed



New foreign entity of concern (FEOC) limitations

- Restrictions on FEOCs would be added to all energy tax credits
 - Adds new definitions of "prohibited foreign entity, "specified foreign entity" and "foreign-influenced entity"
- A "specified foreign entity" any company that is owned:
 - More than 50% by the Chinese, Russian, North Korean or Iranian government;
 - By a company organized or having its principal place of business in one of the four countries;
 - By CATL, Gotion, BYD, EVE Energy Company, Hithium Energy Storage Technology; and
 - Companies on the OFAC list or companies that make products that benefit from Uyghur forced labor in Xinjiang in western China
- FEOC restrictions would become more onerous starting in 2028
 - At that point, no tax credits can be claimed by any "foreign-influenced entity"
 - The ownership restriction drops to 10% and some contractual relationships with specified foreign entities also become a problem
- Also, broad prohibition on "material assistance" with respect to supplying a non-unique component or subcomponent or a critical mineral from a FEOC



Adders: unchanged (generally)

- The adders for domestic content, energy communities and projects that benefit low-income communities would generally be left alone
 - TOB³ would eliminate the ability for any unused capacity under the LMI adder program to be carried forward by the program and allocated to applicants after 2031
- The fact that the domestic content percentage ratchets up from 40% under section 45Y (tech neutral PTC) but not section 48E (tech neutral ITC) was not included as a correction (i.e., a project under 48E could qualify for the domestic content with only 40%, while the same project under 45Y would need a higher percentage)



Bonus depreciation

- The option for 100% bonus deprecation would be available for property placed in service after January 19, 2025 through the end of 2025
- This is scored by JCT as costing the Treasury \$37 billion





David Burton
Partner
New York
+1 212 318 3311
david.burton@nortonrosefulbright.com

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