

Table 9 | U.S. State Emission Credits for Uneconomic Nuclear Reactors 2016–2019
(as of 1 July 2019)

State	Utility	Reactors	Planned Permanent Closure Date	Status of Permanent Closure Planning	Status of Emissions Credit Legislation	Value	Legal Status
Illinois	Exelon	Clinton-1	June 2017	Cancelled	Illinois Future Energy Jobs Act passed by legislature – June 2016	US\$16.50/MWh (US\$200 million a year)	ZEC Upheld in Court ^a
		Quad Cities-1 & -2	June 2018	Cancelled			
Pennsylvania	Exelon	TMI	September 2019	Planned	Legislation not passed as of 1 July 2019	N/A	N/A
	FirstEnergy	Beaver Valley-1 & -2	2021	Uncertain			
New Jersey	PSEG/Exelon	Salem-1 & -2	Threatened by 2019	Likely to be cancelled	Legislature passed – April 2018 (reactors with operating license through 2030 only)	US\$300 million a year ^b	Legal challenge filed ^c
	PSEG	Hope Creek	Threatened by 2019	Likely to be cancelled	Eligible		
Connecticut	Dominion	Millstone-2 & -3	Threatened – no date	Cancelled	Senate Zero Carbon Procurement Act approved by Governor November 2017 ^d	US\$330 million a year	N/A
New York	Exelon	Fitzpatrick	Threatened	Likely to be cancelled	NYPSC Clean Energy Standard ZEC passed in 2016	US\$482 million 2018–2019; US\$8 billion 2017–2029	N/A
	Entergy	Ginna	Threatened	Likely to be cancelled			
		Nine Mile Point-1	Threatened	Likely to be cancelled			
Ohio	FirstEnergy	Davis Besse	May 2020	To be cancelled ^e	Legislation passed as of 27 July 2019	US\$150 million per year	N/A
		Perry	May 2021				

Sources: Various, compiled by WNISR, 2019

Notes

a - See Pamela King, “SUPREME COURT—The fight’s not over yet on state nuclear credits”, *E&ENews*, 16 April 2019, see <https://www.eenews.net/stories/1060166933>, accessed 12 July 2019.

b - *RTO Insiders*, “NJ Approves \$300M ZECs for Salem, Hope Creek Nukes”, 19 April 2019, see <https://rtoinsider.com/nj-approves-zecs-nukes-114741/>, accessed 15 July 2019.

c - *ProPublica*, “New Jersey’s \$300 Million Nuclear Power Bailout Is Facing a Court Challenge. Does It Have a Chance?”, 16 May 2019, see <https://www.propublica.org/article/new-jerseys-300-million-nuclear-power-bailout-is-facing-a-court-challenge-does-it-have-a-chance>, accessed 13 July 2019.

d - Robert Walton, “Dominion threatens Millstone closure if plant shut out of support program”, *Utility Dive*, 10 July 2018, see <https://www.utilitydive.com/news/dominion-threatens-millstone-closure-if-plant-shut-out-of-support-program/527364/>, accessed 12 July 2018.

e - FirstEnergy has announced that it will begin the process to rescind the deactivation orders for its Perry and Davis Besse reactors. See FirstEnergy Solutions, “FirstEnergy Solutions Applauds Enactment of HB6 Legislation”, 24 July 2019, *op. cit.*