

The Regional Greenhouse Gas Initiative

an initiative of Eastern States of the US

Climate Goals and Commitments of the RGGI Participating States

State	Requirements, Goals, and Commitments	
	Economy-wide (CO ₂)	Electricity (MWh)
Connecticut	Public Act 18-82 (2018) added a mandatory emissions reduction target of 45% below 2001 levels by 2030 to a mandatory emissions reduction target of 80% below 2001 levels by 2050.	An executive order (2019) directed state regulators to lay out a plan to reach 100% carbon-free electricity by 2040. A 40% Tier I RPS ¹ is required by 2030
Delaware	GHG emission reduction target is a 26% to 28% reduction by 2025 from 2005 levels. ²	RPS requires 40% renewable energy by 2035, with a solar carve-out of 10%.
Maine	Legislation (2019) requires GHG emission reductions of 45% by 2030 and 80% by 2050 (from 1990 levels). Executive order signed to make state carbon neutral by 2045.	Legislation (2019) requires 80% renewable energy for retail sales of electricity by 2030 and 100% by 2050.
Maryland	The Department of the Environment's 2030 Greenhouse Gas Emissions Reduction Act Plan (2021) would achieve a 50% reduction by 2030 without accounting for anticipated new federal government policies to reduce emissions.	RPS (2019) requires 50% of electricity sales from renewable generation by 2030 (30.5% in 2020), including a 14.5% carve-out for solar by 2030, and 1,200 MW offshore wind by 2030.
Massachusetts	Legislation (2021) requires the state to achieve net zero emissions by 2050. In addition, the law stipulates two interim benchmarks: by 2030, emissions must be 50% lower than they were in the state in 1990, and by 2040, they need to be 75% lower.	40% RPS is required by 2030, with a 1% increase required annually thereafter until a 60% RPS is reached in 2050. 20% Clean Energy Standard (CES) in 2020, increasing 2% annually until an 80% CES is reached in 2050. Additional "CES-E"

¹ Renewable Portfolio Standards.

² This goal is not mandated. It was set through commitment to the US Climate Alliance.

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		<p>maintains contribution of “existing” regional nuclear and hydro energy at 20% of 2018 electricity sales. Emissions from in-state fossil generators are capped through 2050.</p> <p>Other commitments include:</p> <ul style="list-style-type: none"> • Long term contract for annual hydro energy of 9,555 GWh via a 1,200 MW transmission line from Canada in 2023. • 1,000 MWh energy storage by 2025. • Legislation for authorization for additional 4,000 MW of offshore wind to be procured by 2027, for a total authorization of 5,600 MW. • In April 2020, the Massachusetts Department of Energy Resources doubled the solar capacity goal to 3,200 MW of solar generation by 2026.
<p>New Hampshire</p>	<p>The state’s economy-wide aspirational goal is to reduce greenhouse gas emissions 80% below 1990 levels by 2050.</p>	<p>RPS statute (RSA 362-F) requires a 25.2% RPS by 2025.</p>
<p>New Jersey</p>	<p>The state’s economy-wide emissions goal (NJ PACT) as well as the Global Warming Response Act (2019) require reducing economy-wide emissions to 1990 levels by 2020 and 80% below 2006 levels by 2050. New Jersey has achieved its 2020 emissions target.</p>	<p>50% Renewable Energy Portfolio Standard by 2030, and via an executive order (2018) 100% carbon-neutral electric generation by 2050.</p> <p>Offshore Wind commitments:</p> <ul style="list-style-type: none"> • 3,500 MW of offshore wind by 2030 • 7,500 MW of offshore by 2035 • Awarded wind solicitation of 1,100 MW (June 19, 2019) • Awarded wind solicitation of 2,658 MW (June 30, 2021)

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		<p>Other commitments include:</p> <ul style="list-style-type: none"> • A more than doubling of existing solar by installing an additional 3,750 MW by 2026 • 2,000 MW of energy storage by 2030
New York	<p>The Climate Leadership and Community Protection Act (2019) sets GHG emissions limits of 40% below 1990 levels by 2030 and 85% below 1990 levels by 2050³, as well as a goal of net-zero emissions economy-wide by 2050.</p>	<p>The Climate Leadership and Community Protection Act (CLCPA) (2019) requires a zero-emissions electric grid in New York by 2040 (70% renewable energy by 2030). In addition, the CLCPA sets the following requirements:</p> <ul style="list-style-type: none"> • 70% renewable energy by 2030 • 9,000 MW of offshore wind by 2035 • 3,000 MW of energy storage by 2030 • 6,000 MW of behind-the-meter solar by 2025
Rhode Island	<p>The 2021 Act on Climate establishes economy-wide GHG emissions reduction targets of: 45% below 1990 levels by 2030; 80% below 1990 levels by 2040, and net-zero emissions by 2050.</p>	<p>Current statute mandates 38.5% renewable energy production by 2035. An executive order (2020) directed the RI Office of Energy Resources to develop a plan for how the state can meet 100% of its electricity demand with renewables by 2030⁴.</p>

³ Under the CLCPA, Statewide GHG emissions are measured on a 20-year global warming potential basis and include out-of-state GHG emissions associated with imported electricity and fossil fuels.

⁴ This plan is available at: <http://www.energy.ri.gov/100percent/>

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Vermont	The Global Warming Solutions Act, Act 153 (2020), requires the state to reduce greenhouse gas pollution to 26% below 2005 levels by 2025, 40% below 1990 levels by 2030, 80% below 1990 levels by 2050.	The Vermont Comprehensive Energy Plan (2016) sets out a pathway to obtain 90% of the state’s energy from renewable sources by 2050. The state’s RES requires 75% renewable electricity by 2032, starting from a 55% requirement in 2017 and ratcheting up 4% every three years. The RES includes additional provisions for distributed generation (1% in 2017 rising to 10% in 2032) and energy transformation projects.
Virginia	The Virginia Energy Plan establishes a goal for the Commonwealth to reach net-zero emissions by 2045.	The Virginia Clean Economy Act (2020) requires Dominion Energy Virginia to be 100 percent carbon-free by 2045 and Appalachian Power to be 100 percent carbon-free by 2050.

Additional Climate Goals:

In 2015, the New England Governors/Eastern Canadian Premiers (NEG-ECP) [Regional Climate Change Action Plan](#) adopted goals of reducing emissions 35% to 45% from 1990 levels by 2030, and affirmed a previously established goal of reducing emissions 75% to 85% below 2001 levels by 2050.

A number of RGGI participating states, including Connecticut, Massachusetts, New Hampshire, New York, Rhode Island, Vermont, and Virginia, signed an “[Under Two MOU](#)” in 2015, under which parties agreed to pursue emission reductions consistent with a trajectory of 80% to 95% below 1990 levels by 2050, and/or achieving a per-capita annual emission goal of less than two metric tons by 2050.

For More Information:

For more information on the climate goals and commitments of the RGGI participating states, please contact one of the RGGI [State Program Contacts](#).

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