

State	Policy Type	Title/Bill Number	Description	Link
NY	Non-Wires Alternatives	New York's Brooklyn-Queens Demand Management (BQDM) Program	This program operated by ConEdison, is designed avoid construction of a \$1 billion substation with \$200 million investments into non-wires alternatives	http://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId=%7BF3203B7-0F82-4CA9-8D79-90968F6D5D9F%7D
DC	Non-Wires Alternatives	In the Matter of the Investigation into Modernizing the Energy Delivery System for Increased Sustainability	This docket was opened to identify technologies and policies that can modernize the Pepco energy delivery system for increased sustainability and [that] will make the system more reliable, efficient, cost-effective and interactive.	https://edocket.dcpsec.org/public/search/casenumber/fc1130
MA	Non-Wires Alternatives	Petition of Massachusetts Electric Company and Nantucket Electric Company, each doing business as National Grid, pursuant to G.L. c. 164, § 94 and 220 CMR 5.00, for Approval of General Increases in Base Distribution Rates for Electric Service.	This docket explores a rate increase proposed by National Grid for infrastructure upgrades including the option of non-wires alternatives	https://eeaonline.eea.state.ma.us/DPU/FileRoom//dockets/get/?number=18-150&edit=false
VT	Non-Wires Alternatives	Long-Range Transmission Planning	This law requires the Vermont Electric Company (VELCO) to prepare a long-range electric transmission plan and update it every 3 years. Key requirements of the plan include identifying and promoting non transmission alternatives	https://legislature.vermont.gov/statutes/section/30/005/00218c

RI	Non-Wires Alternatives	2006 Comprehensive Energy Conservation, Efficiency, and Affordability Act	<p>This law established the "least cost procurement" policy which requires all distribution utilities to invest in "all cost-effective" energy efficiency before acquiring more supply. The law directs National Grid to develop annual System Reliability Procurement (SRP) Plans which must strategically consider non-wires alternatives. National Grid has operated a SRP pilot since 2012 in the towns of Tiverton and Little Compton. Info here: http://www.energy.ri.gov/electric-gas/future-grid/national-grid-system-reliability-procurement-pilot.php</p>	https://rieermc.ri.gov/resources/legislation/
CT	Non-Wires Alternatives	Pura Investigation Into Distribution System Planning Of The Electric Distribution Companies	<p>This docket investigates the distribution system planning practices of the state's electric distribution companies. In late 2019 the Public Utility Regulatory Authority (PURA) issued an interim decision outlining the approach for grid modernization investigation. PURA will further investigate electric storage, EVs, and non-wire alternatives</p>	http://www.dpuc.state.ct.us/dockcurr.nsf/8e6fc37a54110e3e852576190052b64d/54ac456ccb8f5b79852581f300753644?OpenDocument
ME	Non-Wires Alternatives	Title 35-A Chapter 31 General Provisions	<p>Title 35-A Chapter 31 of Maine's constitution contains statutes relating to non-wires alternatives (§3132 and §1343). According to §3132, regulators must consider non-wire alternatives before approving transmission projects.</p>	http://legislature.maine.gov/statutes/35-A/title35-Ach31sec0.html

MD	Demand Response	EmPower Maryland Act of 2008	The EmPower Maryland Act established Maryland's energy efficiency targets including demand reduction goals.	https://www.psc.state.md.us/electricity/empower-maryland/
NH	Demand Response	2019 Commercial and Industrial Demand Reduction Initiative	This is a plan by NH investor owned utilities to offer C&I demand response programs inspired by Massachusetts, Connecticut, and Rhode Island	https://www.puc.nh.gov/regulatory/Docketbk/2017/17-136/LETTERS-MEMOS-TARIFFS/17-136_2019-01-28_EVERSOURCE_AND_UES_REDUCTION_INITIATIVE.PDF
NJ	Demand Response	In The Matter Of The Implementation Of P.L.2018, C.17 Regarding The Establishment Of Energy Efficiency And Peak Demand Reduction Programs	This 2020 order sets a framework for Energy Efficiency and Peak Demand Reduction programs in the State.	https://www.nj.gov/bpu/pdf/boardorders/2020/20200610/8D--Order%20Directing%20the%20Utilities%20to%20Establish%20Energy%20Efficiency%20and%20Peak%20Demand%20Reduction%20Programs.pdf
NY	Demand Response	Proceeding on Motion of the Commission to Consider Demand Response Initiatives	Docket in New York to consider demand response. In 2016 the Public Service Commission mandated that the local utility must provide a "distribution Load Relief Program" and "Commercial System Relief Program"	http://documents.dps.ny.gov/public/MatterManagement/CaseMaster.aspx?MatterCaseNo=09-E-0115
PA	Demand Response	Act 129	This act establishes Pennsylvania's efficiency programs. it requires Pennsylvania Electric Distribution Companies (EDCs), to cost-effectively reduce electricity consumption and peak demand on their systems.	https://www.puc.pa.gov/filing-resources/issues-laws-regulations/act-129/
RI	Demand Response	Comprehensive Energy Conservation, Efficiency Act of 2006	This plan requires the primary distribution utility in the state (National Grid) to develop a "system reliability" plan that considers an array of customer-side energy	http://www.ripuc.ri.gov/eventsactions/docket/3759-RIAct.pdf

			resources including demand response measures and distributed generation.	
VT	Demand Response	Energy Efficiency Utility Structure	This Docket established VEIC as the 12-year administrator of Efficiency Vermont and also specified Demand Response, renewable energy, energy efficiency, energy storage, and electric vehicles as allowable demand side management measures	https://epsb.vermont.gov/?q=node/104/37458
DC	Advanced Meter Infrastructure	Realizing The Full Potential of Advanced Metering Infrastructure (AMI)	Webpage with links to AMI dockets	https://dcpssc.org/Newsroom/HotTopics/Grid-Modernization/Realizing-The-Full-Potential-of-Advanced-Metering.aspx
MA	Advanced Meter Infrastructure		See Grid Modernization	Grid Modernization Order page from mass.gov
NY	Advanced Meter Infrastructure	Order Approving Advanced Meter Infrastructure Business Plan With Conditions		http://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId=%7B8C26CF58-5669-4A16-85BC-7D4AE21BFF8D%7D
NY	Advanced Meter Infrastructure	Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Consolidated Edison Company of New York, Inc. for Electric Service.	Advanced Meter Infrastructure Docket	http://documents.dps.ny.gov/public/MatterManagement/CaseMaster.aspx?MatterCaseNo=15-e-0050
PA	Advanced Meter Infrastructure	Act 129	See Act 129. Requires all public utilities to install smart meters	https://www.puc.pa.gov/filing-resources/issues-laws-regulations/act-129/
VT	Advanced Meter Infrastructure	Advanced Meter Infrastructure (AMI) Plans	Webpage with links to AMI dockets for each utility	https://publicservice.vermont.gov/electric/amiplans

MA	Electrification Targets	2019-2021 Three Year Energy Plan	While not legislatively mandated, the 2019-2021 three year plan sets a goal for heat pump installations including: 37,993 for residential customers, 6,082 for income eligible residents and 17,980 Commercial and Industrial units.	https://ma-eeac.org/wp-content/uploads/Exh.-1-Final-Plan-10-31-18-With-Appendices-no-bulk.pdf
ME	Electrification Targets	LD 1766 Act To Transform Maine's Heat Pump Market To Advance Economic Security and Climate Objectives	This legislation establishes an installation target of 100,000 cold climate air source heat pumps by 2025	https://www.mainelegislature.org/legis/bills/bills_129th/billtexts/SP059701.asp
ME	Electrification Targets	Maine Won't Wait - A Four Year Climate Action Plan	The Four Year Climate Action Plan expands on the 100,000 heat pump target set by LD 1766 and increases the target to 245,000 by 2030. Of these 130,000 will be 1-2 heat pumps for supplemental heat and 115,000 will be whole home.	https://www.maine.gov/future/sites/maine.gov.future/files/inline-files/MaineWontWait_December2020.pdf
NY	Electrification Targets	Climate Leadership and Community Protection Act	The white paper New Efficiency: New York made recommendations for accelerated energy efficiency goals and holistic fuel-neutral energy metrics. Most of the recommendations were codified with the Climate Leadership and Community Protection Act. Along with a carbon neutral greenhouse gas emission target, the Act created a new fuel neutral energy reduction target of 185 TBtu by 2025. 5 TBtu's of energy savings must come from heat pump installations.	https://climate.ny.gov/

ME	Non-Wires Alternatives	An Act To Reduce Electricity Costs through Nonwires Alternatives	Legislation that directs the utilities to explore non-wires alternatives	http://legislature.maine.gov/legis/bills/getPDF.asp?paper=HP0855&item=3&num=129
NH	Rate Design/ Time-of-Use Rates	Electric Vehicle Time of Use Rates	This docket requires utilities to explore time-of-use rates for electric vehicles.	https://www.puc.nh.gov/Regulatory/Docketbk/2020/20-170.html
NH	Rate Design/ Time-of-Use Rates	Development of New Alternative Net Metering Tariffs and/or Other Regulatory Mechanisms and Tariffs for Customer-Generators	HB 1116, signed into law in May 2016 required the Public Utilities Commission to initiate a proceeding to explore new alternative net metering tariffs. This proceeding was opened to explore costs and benefits of behind the meter distribution and alternative rate structures such as time-based rates.	https://www.puc.nh.gov/Regulatory/Docketbk/2016/16-576.html
PA	Rate Design/ Time-of-Use Rates	66 Pa. C.S. § 2807(f) (5)	This statute directs the electric distribution companies to file smart meter procurement and installation plans as well as time-of-use and real-time price plans	https://www.legis.state.pa.us/cfdocs/legis/LI/consCheck.cfm?txtType=HTM&ttl=66&div=0&chpt=28&sctn=7&subscn=0
MD	Rate Design/ Time-of-Use Rates	In The Matter Of Transforming Maryland's Electric Distribution Systems To Ensure That Electric Service Is Customer-Centered, Affordable, Reliable And Environmentally Sustainable In Maryland.	This docket was opened to ensure electric service was affordable, reliable, and sustainable. in 2018 The Commission created 6 working groups to cover six topic areas:) rate design; 2) electric vehicles; 3) competitive markets and customer choice; 4) interconnection process; 5) energy storage; and 6) distribution system planning. In 2019 the Commission approved a time-of-use pilot program by Pepco and Delmarva Power and Light Company	webapp.psc.state.md.us/newIntranet/AdminDocket/CaseAction_new.cfm?CaseNumber=PC44

NY	Rate Design/ Time-of-Use Rates	Order Adopting a Ratemaking and Utility Revenue Model Policy Framework	In 2014 New York opened the proceeding known as "Reforming the Energy Vision" (REV) to redefine the role of the utility as an enabling platform to facilitate deployment of distributed energy resources (DERs). It was broken into two tracks. The second track adopted ratemaking changes to enable the growth of the retail market including time-of-use rates. This link is for the Order initiating the second track. For the full REV docket see Case 14-M-0101	http://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId=%7BD6EC8F0B-6141-4A82-A857-B79CF0A71BF0%7D
DC	Rate Design/ Time-of-Use Rates	Potomac Electric Power Company's Application For Approval Of Its Transportation Electrification Program	In April 2019, the Public Service Commission, approved in part and denied in part the Potomac Electric Power Company's (Pepco) application for a transportation electrification program. The Commission approved four make-ready infrastructure programs for: residential whole-house time-of-use tariff, public charging stations, taxi and rideshare services and public busing.	https://edocket.dcpsc.org/apis/api/filing/download?attachId=84361&guidFileName=c302b307-c4b3-40e3-bf2e-3c8d9e064e64.pdf
RI	Rate Design/ Time-of-Use Rates	Investigation Into Issues Related To The Changing Electric Distribution System	This docket opened this investigation to investigate National Grid's rate striation in light of the changing distribution system. The investigation did not make any changes to rates but will aid in future planning.	http://www.ripuc.ri.gov/eventsactions/docket/4600page.html

MA	Rate Design/ Time-of-Use Rates	Investigation By The Department Of Public Utilities Upon Its Own Motion Into Time Varying Rates.	On October 2, 2012, the DPU issued a notice of investigation into grid modernization, which identified Time Varying Rates (TVR) as a key factor. On January 23, 2014, the DPU opened a separate investigation specifically into the implementation of TVR. Following the deployment of advanced metering functionality utilities will offer a default time-of-use rate with a critical peak price. The implementation of this is still yet to be seen on a large scale.	https://eeaonline.eea.state.ma.us/DPU/FileRoom//dockets/get/?number=14-04&edit=false
VT	Workforce Development	An Act Relating to Professional Regulation	This bill requires architects, landscape architects, pollution abatement facility operators, professional engineers, property inspectors, real estate appraisers, and real estate brokers and salesperson, to complete an education module that provides general information regarding Vermont's energy goals and how each specific profession can further these goals.	https://legislature.vermont.gov/bill/status/2020/S.220
MA	Workforce Development	An Act Creating a Next- generation Roadmap for Massachusetts Climate Policy	This omnibus legislation provides \$12 million in annual funding to the Massachusetts Clean Energy Center for workforce development in the clean energy industry targeting minority and women owned small businesses, environmental justice communities, and fossil fuel workers.	https://malegislature.gov/Bills/192/S9

RI	Workforce Development	2021 Act on Climate	This bill requires the RI Climate Change Coordinating Council to create a Climate Action Plan by 2025 and every five years after. The plan must include strategies to create quality and family-sustaining clean energy jobs. It must develop workforce programs that recruit, train, and retrain underrepresented workers such as: minorities, women, veterans, and those with disabilities.	http://webserver.rilin.state.ri.us/BillText21/SenateText21/S0078A.pdf
MD	Workforce Development	Clean Energy Jobs	This 2019 bill requires the Small, Minority, and Women-owned businesses Account to receive money from the Strategic Energy Investment Fund and established the Clean Energy Workforce Account to provide grants for apprenticeships, trainings, and career paths in the clean energy industry.	https://mgaleg.maryland.gov/mgawebsite/legislation/details/sb0516?ys=2019rs
ME	Workforce Development	An Act to Promote Clean Energy Jobs and To Establish the Maine Climate Council	This bill established the Maine Climate Council, tasked with creating a Climate Action Plan. The plan must include strategies for a workforce transition. See the Climate Action Plan: Maine Won't Wait for specific strategies.	http://legislature.maine.gov/legis/bills/getPDF.asp?paper=SP0550&item=3&sum=129
RI	Workforce Development	Governor's Workforce Board Rhode Island	This 2016 act requires the state career pathways system of the workforce board to create pathways and workforce training programs to fill skill gaps and employment opportunities in the clean energy sector	http://webserver.rilin.state.ri.us/BillText16/SenateText16/S2328.pdf

DC	Workforce Development	Clean Energy Act	This 2018 Omnibus legislation states that beginning in 2020 at least 30% of funds generated through means defined in the bill will be used to establish workforce development initiatives, benefit low income residents, and establish the Sustainable Energy Infrastructure Capacity Building and Pipeline Program.	https://lms.dccouncil.us/downloads/LIMS/40667/Meeting2/Enrollment/B22-0904-Enrollment.pdf
CT	Decarbonization Roadmap/ Climate Action Plan	Final Report - Progress on Mitigation Strategies Working Group	This report is an update of the 2018 report "Building a Low Carbon Future for Connecticut: Achieving a 45% GHG Reduction by 2030." The updated report highlights progress on the recommendations established in 2018 and creates new recommendations to achieve the goal. The new recommendations take into account environmental justice and resiliency as well as carbon mitigation.	https://portal.ct.gov/-/media/DEEP/climatechange/GC3/GC3-working-group-reports/GC3_Progress_Mitigation_Final_Report_111620.pdf
MA	Decarbonization Roadmap/ Climate Action Plan	Clean Energy and Climate Plan for 2030	The Clean Energy and Climate Plan for 2030 (2030 CECP) provides details on the actions the Commonwealth will undertake through the 2020s to ensure the 2030 emissions limit is met. The 2030 CECP is prepared in coordination with the development of the 2050 Decarbonization Roadmap such that the strategies, policies, and actions outlined in the 2030 CECP can help with	https://www.mass.gov/doc/interim-clean-energy-and-climate-plan-for-2030-december-30-2020/download

			Commonwealth achieve net zero greenhouse gas emissions by 2050.	
MA	Decarbonization Roadmap/ Climate Action Plan	Massachusetts 2050 Decarbonization Roadmap	To achieve long-term emission reduction goals within the Commonwealth, the Executive Office of Energy and Environmental Affairs is undertaking a planning process to identify cost-effective and equitable strategies to ensure Massachusetts reduces greenhouse gas emissions by at least 85% by 2050 and achieves net-zero emissions. This Roadmap analyzes eight different "emission pathways" to achieve carbon neutrality by 2050.	https://www.mass.gov/doc/ma-2050-decarbonization-roadmap/download
ME	Decarbonization Roadmap/ Climate Action Plan	Maine Won't Wait - A Four Year Climate Action Plan	The four year climate action plan created by the Maine Climate Council details steps to achieve carbon neutrality by 2045 including expanding the EV market and increasing the air source heat pump target from 100,000 installations by 2025 to 245,000 installations by 2030. It also outlines climate action steps that create economic opportunities in Maine.	https://www.maine.gov/future/sites/maine.gov.future/files/inline-files/MaineWontWait_December2020.pdf

NH	Decarbonization Roadmap/ Climate Action Plan	New Hampshire 10- Year State Energy Strategy	NH 10-Year State Energy Strategy from NHOEP	https://www.nh.gov/osi/energy/programs/documents/energy-strategy.pdf
NJ	Decarbonization Roadmap/ Climate Action Plan	2019 Energy Master Plan	The Energy Master Plan outlines key strategies to reach the Administration's goal of 100 percent clean energy by 2050. In May 2018, Governor Murphy's Executive Order No. 28 directed the New Jersey Board of Public Utilities, in partnership with other state agencies, to develop this statewide clean energy plan and shift away from energy production that contributes to climate change. The Energy Master Plan outlines seven strategies to achieve this goal including: maximizing energy efficiency and reducing peak demand, and reducing energy consumption and emission from the building sector.	https://nj.gov/emp/docs/pdf/2020_NJ_BPU_EMP.pdf
CT	GHG Emission reduction Target	Public Act 18-82	45% reduction from 2001 GHG levels by 2030 and 80% reduction below 1990 GHG levels by 2050 - established 2018	https://www.cga.ct.gov/2018/ACT/pa/pdf/2018PA-00082-R00SB-00007-PA.pdf
DC	GHG Emission reduction Target	Mayor Bowser Commits to Make Washington, DC Carbon-Neutral and Climate Resilient by 2050	50% reduction from 2006 GHG levels by 2032 and 100% reduction by 2050, established 2016	https://mayor.dc.gov/release/mayor-bowser-commits-make-washington-dc-carbon-neutral-and-climate-resilient-2050
DE	GHG Emission reduction Target	Climate Framework for Delaware	30% reduction from 2008 GHG levels by 2030, established 2014	http://www.dnrec.delaware.gov/energy/Documents/The%20Climate%20Framework%20for%20Delaware%20PDF.pdf

MA	GHG Emission reduction Target	An Act Creating A Next Generation Climate Roadmap for Massachusetts	50% reduction from 1990 GHG levels by 2040 and carbon neutral with 85% reduction by 2050 - Established 2021	https://malegislature.gov/bills/192/S9
MD	GHG Emission reduction Target	SB 323 Greenhouse Gas Emissions Reduction Act – Reauthorization	40% reduction from 2006 GHG levels by 2030, established 2016	https://mgaleg.maryland.gov/2016RS/bills/sb/sb0323T.pdf
ME	GHG Emission reduction Target	An Act To Promote Clean Energy Jobs and To Establish the Maine Climate Council	This bill would establishes the Maine Climate Change Council to assist Maine to mitigate, prepare for and adapt to climate change. The bill updates the GHG emissions reductions required in statute to 80% below 1990 levels by 2050 and 45% by 2030.	http://legislature.maine.gov/legis/bills/display_ps.asp?LD=1679&snum=129
NH	GHG Emission reduction Target	New Hampshire Climate Action Plan	20% reduction from 1990 GHG levels by 2030 and 80% reduction by 2050, established 2009	https://www.des.nh.gov/sites/g/files/e_hbemt341/files/documents/r-ard-09-1.pdf
NJ	GHG Emission reduction Target	Global Warming Response Act	80% reduction from 2006 GHG levels - established 2007	https://www.nj.gov/dep/climatechange/docs/nj-gwra-80x50-report-2020.pdf
NY	GHG Emission reduction Target	Climate Leadership and Community Protection Act	40% reduction from 1990 GHG levels and Carbon neutral with 85% reduction from 1990 GHG levels, established 2019	https://legislation.nysenate.gov/pdf/bills/2019/S6599
PA	GHG Emission reduction Target	Executive Order: 2019-01 – Commonwealth Leadership in Addressing Climate Change and Promoting Energy Conservation and Sustainable Governance	80% reduction from 2005 GHG levels, established 2019	https://www.governor.pa.gov/newsroom/executive-order-2019-01-commonwealth-leadership-in-addressing-climate-change-and-promoting-energy-conservation-and-sustainable-governance/
RI	GHG Emission reduction Target	Resilient Rhode Island Act of 2014 – Climate Change Coordinating Council	45% reduction from 1990 GHG levels by 2030 and 80% reduction by 2050, established 2014	http://webserver.rilin.state.ri.us/Statutes/TITLE42/42-6.2/42-6.2-2.HTM

VT	GHG Emission reduction Target	Comprehensive Energy Plan of 2016	40% reduction from 1990 GHG levels by 2030 and 80-95% reduction by 2050, established 2016	https://outside.vermont.gov/sov/webseervices/Shared%20Documents/2016CEP_Final.pdf
CT	Grid Modernization	CT PURA Grid Modernization Page	Summary page of CT 17-12-03, the docket number for grid modernization hearings. Among the proposed improvements are AMI and improved interconnection standards to better support DERS.	CT PURA Grid Modernization
DC	Grid Modernization	Final Report v1.0 of the DCPSC MEDSIS Stakeholder Working Groups	DC Public Service Commission MEDSIS Working Groups plan for grid modernization. Lots of mentions of DERS in regards to further studies of their net benefits and integration into the grid. Brief mentions of AMI and the data it collects.	Final Report v1.0 of the DCPSC MEDSIS Stakeholder Working Groups
MA	Grid Modernization	Grid Modernization Order	This order compiled grid modernization plans from each MA electric company. Each plan includes a 3-year short-term investment plan and a 5-year strategic-plan. Authorized investment categories include monitoring/control, distribution automation, volt/VAR optimization, advanced distribution management system, and advanced communications infrastructure.	Grid Modernization Order page from mass.gov
MA	Grid Modernization	Modernization of the Electric Grid, D.P.U. 12-76 (2012)		

MD	Grid Modernization	Transforming Maryland's Electric Grid (PC44)	Public conference containing target reviews of electric distribution systems in MD. Notable strategies include distribution system planning with DERS and smart inverters to support grid modernization. AMI was on the initial notice in 2016, but was removed in a 2017 update.	Website from Maryland Public Service Commission
NH	Grid Modernization	NH Docket IR 15-296	NH Docket on investigation into grid modernization. Includes guidelines and next steps proposed by the state and proposed changes requested by Eversource and Unitil.	NH Docket IR 15-296
NJ	Grid Modernization	NJ Energy Master Plan 2019	2019 Energy Master Plan, of note is strategy 5.1 on upgrading the distribution system. Strategies include establishing integrated distribution plans, bi-directional grid power flow, and integration of volt/VAR control.	NJ Energy Master Plan 2019
NY	Grid Modernization	ConEd Distributed System Implementation Plan (DSIP)	DSIP from ConEd, of note is Section 1.4 on Grid Modernization which discusses different areas of investment and Section 2.3 on DRMS. This plan was proposed in 2020 and includes strategies for the next five years and also beyond.	Distributed System Implementation Plan
RI	Grid Modernization	National Grid Modernization Plan	GMP from National Grid filed 1/21/2021, including a 5-year implementation plan, a 10-year roadmap, and a holistic approach of activities and investments.	RIPUC Docket Number 5114

VT	Grid Modernization	Vermont Comprehensive Energy Plan 2016	CEP from Vermont. Of note is chapters 9 and 10, which discuss Electric Power and Managing Electric Demand respectively. Main focus is on AMI and DER	Vermont Comprehensive Energy Plan 2016
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