

Residential Programs				
State	Demand Response (Res)	Smart Thermostats/BYOT	Battery Control/BYOB	Water Heater Control
CT	✓	✓	✓	
DC		✓		
DE	✓	✓		
MA	✓	✓	✓	✓
MD	✓	✓	✓	✓
ME			✓	
NH	✓	✓	✓	
NJ	✓			
NY	✓	✓	✓	✓
PA	✓			✓
RI	✓	✓	✓	
VT	✓		✓	✓
WV		✓		

STATE	PROGRAM/CATEGORY (RES)	DESCRIPTION	LINK
CT	Demand Response	<p>A) similar to above, Eversource's ConnectedSolutions DR programs will help better manage energy use in homes by allowing them to adjust the energy use on select devices in one's home during times of peak demand</p> <p>B) Qualified Devices: select smart thermostats, solar home batteries, EV chargers, and Wi-Fi Air Conditioners</p>	https://www.eversource.com/content/c-t-c/residential/save-money-energy/manage-energy-costs-usage/demand-response
DE	Demand Response	<p>Switch & Save Program:</p> <p>A) Delaware's Electric Co-Op offers this program to control the amount of electricity being used in a resident's home during peak periods.</p> <p>B) when periods of peak demand occur, the resident's Cooperative automatically signals their central AC/heat pump cooling unit to reduce consumption.</p> <p>C) DEC will install a load management switch on your central AC/heat pump cooling unit. DEC operates load management 4-6 times a month for two hour periods</p>	https://www.delaware.coop/energy-savings-programs/load-management
MA	Demand Response	A) Mass Save offers the ConnectedSolutions Program for Smart Thermostats and Battery Storage to reduce energy use during peak time	
MD	Demand Response	<p>A) Pepco offers the Energy Wise Rewards voluntary program that requires residents to install, register, and enroll their smart thermostat, central air conditioner or heat pumps</p> <p>B) the program will start initiating conservation periods for participating central AC or heat pumps on Peak Savings Days. There are typically 5 Peak Savings Days between June and October each year</p>	https://energywiserewards.pepco.com/md/

ME	Demand Response	<p>A) ME is part of ISO NE, but it doesn't look like they have any state specific programs for demand response.</p> <p>B) Through Efficiency Maine's Innovation Program, four pilot projects for FY19 and FY20 including: 1) Demand Response: Residential DER; 2) Battery Storage; 3) Passive Loading Shifting; 4) Load Shifting Using Transactive Controls and Storage</p>	<p>1) https://www.iso-ne.com/markets-operations/markets/demand-resources/about</p> <p>2) https://legislature.maine.gov/doc/3469</p>
NH	Demand Response	<p>A) Eversource's ConnectedSolutions DR programs will help better manage energy use in homes by allowing them to adjust the energy use on select devices in one's home during times of peak demand</p> <p>B) Qualified Devices: select smart thermostats, solar home batteries</p>	<p>https://www.eversource.com/content/nh/residential/save-money-energy/manage-energy-costs-usage/demand-response</p>
NJ	Demand Response	<p>A) Atlantic City Electric offered a demand response program for their residential customers through Energy Wise Rewards. Participants installed devices on their central AC units to allow for remote turn-off by utilities during peak periods throughout the summer. This program no longer runs</p> <p>B) Jersey Central Power & Light had a similar program called EasyGreen that ran in 2006-2007 but no longer available</p>	
NY	Demand Response	<p>A) GridRewards program for Westchester county, however no statewide program yet</p>	<p>https://sustainablewestchester.org/grid-rewards/</p>
PA	Demand Response	<p>A) PA Act 129 details energy efficiency measures and demand response techniques for utilities. Act 129 is Pennsylvania's largest program to advance energy efficiency and aims to reduce peak demand through energy efficiency measures</p>	<p>A) https://www.puc.pa.gov/filing-resources/issues-laws-regulations/act-129/energy-efficiency-and-conservation-eec-program/</p> <p>B) Phase IV of Act 129: https://keealliance.org/what-will-phase-iv-look-like/</p>
RI	Demand Response	<p>A) National Grid offers the ConnectedSolutions program for homes</p>	<p>https://www.nationalgridus.com/RI-Home/ConnectedSolutions/</p>

VT	Demand Response	A) Details savings from both residential and C&I DR programs	https://www.encyvermont.com/Media/Default/docs/white-papers/Assessment%20of%20Demand%20Response%20Capability%20and%20Effectiveness.pdf
CT	Smart Thermostat (BYOT)	<p>A) Eversource's offers to connect qualified thermostats to their program that will enable Eversource to make small adjustments to a residents energy use during times of peak demand.</p> <p>B) Program participants can control their thermostat during peak demand events and can opt-out of adjustments at any time. All events typically happen between June 1 - September 30 and last for three hours.</p>	https://www.eversource.com/content/c-t-c/residential/save-money-energy/manage-energy-costs-usage/efficient-products/wireless-thermostats/smart-thermostat-demand-response
DC	Smart Thermostat (BYOT)	<p>A) Pepco offers the Energy Wise Rewards voluntary program that requires residents to install, register, and enroll their smart thermostat</p> <p>B) the program will start initiating conservation periods for participating central AC or heat pumps on Peak Savings Days. There are typically 5 Peak Savings Days between June and October each year</p>	https://homeenergysavings.pepco.com/smart-thermostat-savings
DE	Smart Thermostat (BYOT)	<p>A) Delmarva Power offers the Energy Wise Rewards voluntary program that requires residents to install, register, and enroll their smart thermostat</p> <p>B) the program will start initiating conservation periods for participating central AC or heat pumps on Peak Savings Days. There are typically 5 Peak Savings Days between June and October each year</p>	https://homeenergysavings.delmarva.com/smart-thermostat-savings

MA	Smart Thermostat (BYOT)	<p>Mass Save offers the ConnectedSolutions Program</p> <p>A) Your Mass Save sponsor (Eversource, National Grid, Unitil, Cape Light Compact Electric) will automatically send a signal to your thermostat to precool your home before a peak demand event and then increase your thermostat setting by no more than 4 degrees during peak demand</p> <p>B) Program participants can expect about 15 peak event every summer. All events typically happen between June 1 - September 30 and last for three hours.</p>	https://www.masssave.com/en/saving/residential-rebates/connectedsolutions-thermostat
MD	Smart Thermostat (BYOT)	<p>A) Pepco offers the Energy Wise Rewards voluntary program that requires residents to install, register, and enroll their smart thermostat</p> <p>B) the program will start initiating conservation periods for qualifying smart thermostats on Peak Savings Days. There are typically 5 Peak Savings Days between June and October each year</p>	https://homeenergysavings.pepco.com/smart-thermostat-savings
ME	Smart Thermostat (BYOT)	<p>A) Smart thermostats that aren't grid connected, but still contribute to reducing peak load.</p> <p>B) Efficiency Maine's Innovation Program awarded a contract for an Integrated Thermostat Pilot in Fall 2020</p>	https://www.energymaine.com/at-home/smart-thermostats/
NH	Smart Thermostat (BYOT)	<p>A) Eversource's offers to connect qualified thermostats to their program that will enable Eversource to make small adjustments to a residents energy use during times of peak demand.</p> <p>B) Program participants can control their thermostat during peak demand events and can opt-out of adjustments at any time. All events typically happen between June 1 - September 30 and last for three hours.</p>	https://www.eversource.com/content/nh/residential/save-money-energy/manage-energy-costs-usage/efficient-products/wireless-thermostats/smart-thermostat-demand-response
NJ	Smart Thermostat (BYOT)	<p>A) Not grid-connected, but still smart thermostat rebates that help homeowners save on energy</p>	https://www.njcleanenergy.com/smart-thermostats

NY	Smart Thermostat (BYOT)	<p>A) National Grid offers the ConnectedSolutions program to allow a residents smart thermostat to adjust a home's temperature and temporarily reduce energy use during peak energy events</p> <p>B) Con Edison offers a similar initiative</p>	<p>1) https://www.nyserda.ny.gov/ny/Smart-Thermostat-Pilot</p> <p>2) https://www.coned.com/en/save-money/rebates-incentives-tax-credits/rebates-incentives-tax-credits-for-residential-customers/bring-your-thermostat-and-get-\$85</p>
PA	Smart Thermostat (BYOT)	<p>A) No Program Found. Similar to most states who do not have programs implemented, there are rebates for smart thermostats but they are not connected back to the grid.</p>	<p>A) https://energysavepa-home.com/hvac/programmable-thermostats/</p>
RI	Smart Thermostat (BYOT)	<p>A) National Grid offers the ConnectedSolutions program for smart thermostats</p>	<p>https://enrollmythermostat.com/faqs/connectedsolutionsne/</p>
VT	Smart Thermostat (BYOT)	<p>A) Rebate for smart thermostat, not grid-connected</p>	<p>https://www.google.com/url?q=https://www.encyvermont.com/rebates/list/smart-thermostats&sa=D&source=editors&ust=1619020711487000&usg=AFQjCNE2jrZh8HctZEu1i37mz6rSoGa3aA</p>
WV	Smart Thermostat (BYOT)	<p>A) Appalachian Power offers a Bring Your Own Thermostat Program that provides homeowners the opportunity to earn money and promote energy efficiency and reliability for all Appalchaian Power Customers. Appalachian Power will make adjustments via the smart thermostat on a limited number of peak demand periods throughout the summer.</p> <p>B) Similar to AP, Dominion Energy also offers a Residential Smart Thermostats Program. Customers with a smart thermostat can earn additional rewards by participating in one or both of their offered programs (Smart Thermostat Rewards Program & WeatherSmart Program)</p>	<p>A) https://takechargeva.com/programs/for-your-home/bring-your-own-thermostat-program</p> <p>B) https://domsavings.com/va/rst/</p>

CT	Battery Control/BYOB	<p>A) By enrolling in the ConnectSolutions DR program, the resident will be rewarded by allowing Eversource to use the energy stored in their battery at time of high demand</p> <p>B) incentives for home batteries are based on the average kW used per event, averaged over the season.</p> <p>C) Qualified Partners: Sonnen, Generac, Tesla, Solar Edge</p>	https://www.eversource.com/content/c-t-c/residential/save-money-energy/manage-energy-costs-usage/demand-response/battery-storage-demand-response
MA	Battery Control/BYOB	<p>Mass Save offers the ConnectedSolutions program</p> <p>A) You can enroll your battery storage system in ConnectedSolutions to earn incentives for reducing the load on the grid during peak times</p>	https://www.masssave.com/en/saving/residential-rebates/connectedsolutions-batteries
MD	Battery Control/BYOB	<p>A) Battery storage in the PJM region is used mainly for peak load shifting</p> <p>B) Maryland law creates energy storage pilot program</p>	<p>1) https://www.energy.gov/sites/prod/files/2019/10/f68/EAC_Storage_Levitt.pdf</p> <p>2) https://www.publicpower.org/periodical/article/maryland-law-creates-energy-storage-pilot-program</p>
ME	Battery Control/BYOB	<p>A) Efficiency Maine has launched a pilot program for connected battery storage, but recruitment has been a challenge</p>	https://legislature.maine.gov/doc/3469

NH	Battery Control/BYOB	<p>A) By enrolling in the ConnectSolutions DR program, the resident will be rewarded by allowing Eversource to use the energy stored in their battery at time of high demand</p> <p>B) Liberty Utilities has a BYOD energy storage program pilot and approved for a maximum of 200 residential batteries but does not leverage customer or third party investment with utility-owned devices.</p>	<p>1) https://www.eversource.com/content/nh/residential/save-money-energy/manage-energy-costs-usage/demand-response/battery-storage-demand-response</p> <p>2) https://www.google.com/search?q=liberty+utilites+byod+pilot&rlz=1C1GCEU_enUS858US858&oq=liberty+utilites+byod+pilot&aqs=chrome..69i57j69i65.3725j0j7&sourceid=chrome&ie=UTF-8</p>
NY	Battery Control/BYOB	A) Incentives for grid-connected energy storage in NY state	https://www.nyscrda.ny.gov/-/media/Files/Programs/Energy-Storage/Energy-Storage-Vendor-Fact-Sheet.pdf
RI	Battery Control/BYOB	A) National Grid offers the ConnectedSolutions program for batteries	https://www.nationalgridus.com/RI-Home/ConnectedSolutions/BatteryProgram
VT	Battery Control/BYOB	A) Green Mountain Power offers a battery program and BYOB program	<p>1) https://greenmountainpower.com/rebates-programs/home-energy-storage/powerwall/</p> <p>2) https://greenmountainpower.com/rebates-programs/home-energy-storage/bring-your-own-device/</p>

CT	Water Heater Control	A) Only displays ENERGY STAR Water Heater discounts (ES Certified Heat Pump Water Heaters & ES Certified High-Efficiency Natural Gas-Fired Tankless Water Heater	<p>A) No Programs Found</p> <p>B) Water Heating Rebates/Incentives: https://www.energizect.com/your-home/rebates-and-incentives</p> <p>C) Water Heating Rebates/Incentives (SoConnGas - Residential Water Heater Program): https://www.energizect.com/your-home/rebates-and-incentives</p>
DE	Water Heater Control	A) The topic has been proposed and researched but has not been implemented	
MA	Water Heater Control	The Town of Concord has a water heater control program, however it doesn't look like there are any statewide program outside of rebates	https://concordma.gov/494/Controlled-Water-Heating
MD	Water Heater Control	A) PJM tested a pilot program with grid-interactive water heaters in 2020.	https://www.pjm.com/markets-and-operations/advanced-tech-pilots.aspx?nrg&p=1
NY	Water Heater Control	A) References a pilot program for Jamestown that BPU customers may apply for - available for some residents, no further information found	https://www.post-journal.com/news/community/2020/02/bpu-customers-may-apply-for-water-heater-pilot-program/
PA	Water Heater Control	A) Program offered through United Electric Cooperative. During peak demand periods, UEC will send a signal that interrupts power to the water heater for several hours and the customer will receive a credit each month on their utility bill.	A) http://www.unitedpa.com/Load_Management.php

RI	Water Heater Control	A) Mentions a pilot program from 2016 on grid-connected water heaters, but no other programs found	http://www.ripuc.ri.gov/eventsactions/docket/4580-NGrid-2016-EEPP(10-15-15).pdf
VT	Water Heater Control	A) Green Mountain Power launched a smart water heater program in 2017 B) Article describing the smart water heater program from GMP	https://greenmountainpower.com/green-mountain-power-launches-smart-water-heater-program-help-customers-save-money/