

Primary Driver	Asset Owner by Company	2023 Projected In Service Date	Major Project	Project	Non-PTF/Local Component of RSPor ACL Project	Status Update for 2023	Total non-PTF Project Cost for 2023 Report	Total Localized PTF Project Cost for 2023 Report	PPA Approval	RSP ID/Asset List ID
Massachusetts										
ESMP	New England Power	2032		Laurel Circle Second Transformer		Concept	TBD		No	
ESMP	New England Power	2029		East Winchendon Second Transformer		Concept	TBD		No	
ESMP	New England Power	2029		Westminster Second Transformer		Concept	TBD		No	
ESMP	New England Power	2029		East Westminster Rebuild		Concept	TBD		No	
ESMP	New England Power	2029		Pratts Junction Rebuild		Concept	TBD		No	
ESMP	New England Power	2029		North Grafton Second Transformer		Concept	TBD		No	
ESMP	New England Power	2034		New Substation Near Grafton		Concept	TBD		No	
ESMP	New England Power	2034		Pondville Rebuild		Concept	TBD		No	
ESMP	New England Power	2029		North Oxford Second Transformer		Concept	TBD		No	
ESMP	New England Power	2029		West Charlton Second Transformer		Concept	TBD		No	
ESMP	New England Power	2034		New Substation Near Southbridge		Concept	TBD		No	
ESMP	New England Power	2034		New Substation Near Webster		Concept	TBD		No	
ESMP	New England Power	2034		Charlton EV Highway Charging Station		Concept	TBD		No	
ESMP	New England Power	2034		New Substation Near Greendale		Concept	TBD		No	
ESMP	New England Power	2034		Grafton St Rebuild		Concept	TBD		No	
ESMP	New England Power	2032		Groton St Rebuild		Concept	TBD		No	
ESMP	New England Power	2032		West Amesbury Second Transformer		Concept	TBD		No	
ESMP	New England Power	2034		South Billerica 18 Rebuild		Concept	TBD		No	
ESMP	New England Power	2034		Perry Street 3 Expansion		Concept	TBD		No	
ESMP	New England Power	2029		Woodchuck Hill Rebuild		Concept	TBD		No	
ESMP	New England Power	2031		New Substation Near Malden		Concept	TBD		No	
ESMP	New England Power	2034		New Substation Near Saugus		Concept	TBD		No	

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Massachusetts										
ESMP	New England Power	2034		New Substation Near Grand Army		Concept	TBD		No	
ESMP	New England Power	2029		Beaver Pond Substation Upgrade		Concept	TBD		No	
ESMP	New England Power	2034		New North Foxboro Substation		Concept	TBD		No	
ESMP	New England Power	2031		New Substation Near Northbridge and Uxbridge		Concept	TBD		No	
ESMP	New England Power	2034		Westborough EV Highway Charging Station		Concept	TBD		No	
ESMP	New England Power	2031		New Riverside Substation		Concept	TBD		No	
ESMP	New England Power	2034		Bridgewater EV Highway Charging Station		Concept	TBD		No	
ESMP	New England Power	2031		Mill St Rebuild		Concept	TBD		No	
ESMP	New England Power	2029		Belmont Second Transformer		Concept	TBD		No	
ESMP	New England Power	2034		New Substation Near Brockton and West Bridgewater		Concept	TBD		No	
ESMP	New England Power	2029		Norwell Substation Upgrades		Concept	TBD		No	
ESMP	New England Power	2034		New Substation Near South Weymouth		Concept	TBD		No	
ESMP	New England Power	2029		Palmer Second Transformer		Concept	TBD		No	
ESMP	New England Power	2029		Thorndike Second Transformer		Concept	TBD		No	
ESMP	New England Power	2032		Little Rest Road Second Transformer		Concept	TBD		No	
ESMP	New England Power	2032		West Hampden Second Transformer		Concept	TBD		No	
ESMP	New England Power	2032		Wilbraham Second Transformer		Concept	TBD		No	
ESMP	New England Power	2034		Lenox Depot Rebuild		Concept	TBD		No	

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Massachusetts										
Asset Condition	New England Power	Mar-27		Deerfield 4 Short Term Asset Work		Concept	TBD		No	
Point of Delivery Request from Customer	New England Power	Mar-25		Prysmian Cust conn at 115kV Bus 1		Concept	TBD		No	
Asset Condition	New England Power	Sep-30		Adams Transmssion Substation Removal		Concept	TBD		No	
Asset Condition	New England Power	May-28		478-503/478-508 Asset Condition Refurbishment		Concept	TBD		No	
Asset Condition	New England Power	Dec-29		Replace Ward Hill Assets		Concept	TBD		No	
Asset Condition	New England Power	Jan-29		Palmer Asset Upgrades		Concept	TBD		No	
Asset Condition	New England Power	Aug-28		Replace/Remove Hathaway 63TR Transformer		Concept	TBD		No	

DG Group Study	New England Power	2027	DG Group Study	Ware 69/13.2 kV Transformer Replacement and Transformer Addition		Proposed	\$21,797,222		05/31/22	
DG Group Study	New England Power	2027	DG Group Study	Lashaway 69 kV Transformer Replacements		Proposed	\$17,775,441		05/31/22	
DG Group Study	New England Power	2027	DG Group Study	Wendell Depot Transformer Addition and Replacement		Proposed	\$15,214,446		05/31/22	
DG Group Study	New England Power	2027	DG Group Study	Barre Transformer Replacements		Proposed	\$13,609,429		05/31/22	
DG Group Study	New England Power	2027	DG Group Study	Meadow Street 69 kV Breaker and Transformer Addition		Proposed	\$10,074,162		05/31/22	
DG Group Study	New England Power	2027	DG Group Study	Royalston Transformer Replacement		Proposed	\$9,788,275		05/31/22	
DG Group Study	New England Power	2027	DG Group Study	East Winchendon Transformer Replacement		Proposed	\$9,626,762		05/31/22	
DG Group Study	New England Power	2027	DG Group Study	Shutesbury Transformer Replacement		Proposed	\$4,420,000		No	
DG Group Study	New England Power	2027	DG Group Study	Ware Substation In-Line Breaker		Proposed		\$1,688,000 Reimbursed	06/02/20	
DG Group Study	New England Power	2027	DG Group Study	Leicester Substation Retirement		Proposed	\$1,004,616		05/31/22	

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Massachusetts										
Asset Condition	New England Power	Nov-30		T20 Asset Condition Refurbishment		Proposed	\$66,670,000		No	
Asset Condition	New England Power	Jul-27		Ayer Substation Asset Replacement		Proposed	\$50,810,000	-	No	
Asset Condition	New England Power	May-27		Salem Harbor - 115kV - 23kV Rebuild		Proposed	\$46,197,000		No	40
Asset Condition	New England Power	Sep-28		South Wrentham Asset Replacements		Proposed	\$28,632,515	\$1,038,485	05/06/22	
Asset Condition	New England Power	Sep-29		Chestnut Hill Asset Condition		Proposed	\$29,370,000			
Point of Delivery Request from Customer	New England Power	Apr-28		New Snake Hill #2235 Substation		Proposed	\$28,951,000		No	
Asset Condition	New England Power	Mar-30		Relocate Adams Substation 23 kV		Proposed	\$25,650,000		No	
Asset Condition	New England Power	Jun-25		Upgrade Revere Substation 55 MVA 115/23 kV Transformers		Proposed	\$23,863,000		No	
Asset Condition	Massachusetts Electric Company	Nov-27		U-173 & W-123 Asset Condition Refurbishment		Proposed	\$22,800,000		N/A	
Asset Condition	New England Power	May-28		Water St. Sub #910 (Hanover, MA) Asset Replacements		Proposed	\$19,408,000		No	
Asset Condition	New England Power	Sep-25		Chartley Pond Asset Upgrades		Proposed	\$19,400,000		No	
Load Growth	New England Power	Oct-25		3000 Minuteman Rd project		Proposed	\$15,075,000		No	
Asset Condition	New England Power	Jun-26		S19 Asset Condition Refurbishment		Proposed	\$12,980,000		No	
Load Growth	New England Power	Jul-26		Install Pembroke Substation and Plymouth Street 2nd Transformer		Proposed	\$10,029,000		No	
Reliability	New England Power	Aug-25		Maplewood Substation Asset Condition NPCC Directory 1 Phase 5 (ACL 94)		Planned	\$9,170,000		No	354

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Massachusetts										
Asset Condition	New England Power	Dec-24		Replace East Methuen Substation Assets		Proposed	\$8,509,000		No	
Asset Condition	New England Power	Aug-30		Refurbish H-160/N-166 Lines		Proposed	\$8,288,000		NR	
Load Growth	New England Power	Mar-28	Attleboro Area Capacity Upgrades	Replace Mink Street T1 & T2 Transformers		Proposed	\$7,867,000		No	
Asset Condition	New England Power	Feb-27		Dunstable Asset Replcement		Proposed	\$6,835,000		No	
Asset Condition	New England Power	Nov-25		Refurbish Q-169 and A-179 Line		Proposed	\$750,000		NR	
Asset Condition		Jul-28		Tewksbury 22 Asset Upgrades		Proposed	\$450,000			

Asset Condition	New England Power	Dec-24		Remove Distribution Load from Tertiary Windings of Sandy Pond Substation Transformer and Install 115/23 kV Transformer		Planned	\$9,105,000		11/09/16	
Load Growth	New England Power	Mar-26		Install North Marlboro 2nd 115/13.8 kV Transformer		Planned	\$5,000,000		No	
Asset Condition	New England Power	Mar-24		Replace 517-532N&517-533N Underground Cable		Under Construction	\$92,696,000		No	
Asset Condition	New England Power	Mar-25		Replace N-192 Underground Cable		Under Construction	\$67,211,000		03/24/20	
Asset Condition	New England Power	Dec-23		East Tewksbury Transformer Upgrades		Under Construction	\$19,188,000		03/05/20	
Load Growth	New England Power	Nov-23	Attleboro Area Capacity Upgrades	Build Reynolds Avenue Substation		Under Construction	\$19,207,000		07/09/19	
Asset Condition	New England Power	May-24		Carpenter Hill #435 Control House Rebuild		Under Construction	\$6,371,000		NR	145
Asset Condition	New England Power	Aug-25		Construct New Stafford St Substation		Under Construction	\$830,000			333

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New Hampshire										
Asset Condition	New England Power	Oct-26		3386 ACR		Proposed	\$6,250,000		No	
Asset Condition	New England Power	May-28		Moore Asset Separation (Fifteen Mile Falls)		Planned	\$14,300,000		12/14/22	308
Point of Delivery Request from Customer	New England Power	Mar-26		Chariot Solar QP727		Planned	\$4,598,000		08/26/19	1812
Point of Delivery Request from Customer	New England Power	Dec-23		Golden Rock Phase II - Addition of two 115 kV tap circuits off G-133 and G-133W circuits		Under Construction	\$4,579,000		12/20/19	

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Vermont										
Asset Condition	New England Power	Oct-28		Wilder Asset Separation	-	Proposed	\$41,970,000		No	
Asset Condition	New England Power	May-27		Vernon Asset Separation (Huntington Substation)		Proposed	\$9,747,600		07/20/22	235

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Removed from the 2023 LSP - Massachusetts										
Area Reliability Assessment	New England Power	Jun-23	NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 3 (ACL 96) J-162 Pilot Scheme		In Service	\$13,235,000		NR	96
Area Reliability Assessment	New England Power	Aug-23	Southeast Massachusetts/Rhode Island Reliability Project	Reconfigure Bell Rock to breaker and a half station, split M13 line at Bell Rock and terminate 114 line at Bell Rock. Install new breaker in series with N12/D21 tie breaker, upgrade D21 line switch and install 37.5 MVAR capacitor.		In Service	\$230,000		04/30/18	1721 1722