

March 2023 ISO-NEW ENGL

Primary Driver	Section #	Asset Condition ID	State	Primary Equipment Owner	Other Equipment Owner(s)	Footnote Number	Projected In-Service Month/Year	Asset Condition Grouping
Asset Condition	1a	280	NH	Eversource			12/2023	
Asset Condition	1a	281	NH	Eversource			06/2024	
Asset Condition	1a	308	NH	National Grid, USA			12/2027	
Asset Condition	1a	321	NH	Eversource			06/2023	
Asset Condition	1a	324	NH	Eversource			03/2024	
Asset Condition	1a	341	NH	Eversource			06/2023	
Asset Condition	1a	343	NH	Eversource			06/2024	
Asset Condition	1a	344	NH	Eversource			12/2023	
Asset Condition	1a	345	NH	Eversource			03/2023	
Asset Condition	1a	346	NH	Eversource			12/2023	
Asset Condition	1a	347	NH	Eversource			03/2023	
Asset Condition	1a	348	NH	Eversource			07/2023	
Asset Condition	1a	349	NH	Eversource			06/2025	
Asset Condition	1a	351	NH	Eversource			03/2024	
Asset Condition	1a	366	NH	Eversource			03/2023	
Asset Condition	1a	367	NH	Eversource			08/2023	

Asset Condition	1a	368	NH	Eversource			09/2023	
Asset Condition	1a	370	NH	Eversource			09/2023	

Asset Condition	1a	232	VT	Vermont Electric Power Company			12/2025	
Asset Condition	1a	235	VT	National Grid, USA			07/2025	
Asset Condition	1a	284	VT	Vermont Electric Power Company			12/2024	
Asset Condition	1a	305	VT	Vermont Electric Power Company			12/2025	
Asset Condition	1a	330	VT	Vermont Electric Power Company			12/2026	
Asset Condition	1a	331	VT	Vermont Electric Power Company			12/2026	
Asset Condition	1a	332	VT	Vermont Electric Power Company			12/2027	
Asset Condition	1a	350	VT	Vermont Electric Power Company			06/2024	

Asset Condition	1a	26	MA	Eversource			12/2023	
Asset Condition	1a	27	MA	Eversource			12/2023	
Asset Condition	1a	28	MA	Eversource			06/2023	
Asset Condition	1a	43	MA	Eversource			06/2023	
Asset Condition	1a	44	MA	Eversource			12/2026	
Asset Condition	1a	53	MA	National Grid, USA			09/2025	NPCC Directory #1 Protection Modifications
Asset Condition	1a	63	MA	Eversource			12/2023	

Asset Condition	1a	90	MA	Eversource			12/2023	
Asset Condition	1a	145	MA	National Grid, USA			05/2024	
Asset Condition	1a	146	MA	National Grid, USA			05/2024	
Asset Condition	1a	149	MA	National Grid, USA			12/2025	
Asset Condition	1a	194	MA	Eversource			12/2023	
Asset Condition	1a	237	MA	National Grid, USA			12/2027	
Asset Condition	1a	250	MA	Eversource			12/2024	
Asset Condition	1a	271	MA	National Grid, USA			05/2023	
Asset Condition	1a	294	MA	National Grid, USA			08/2025	
Asset Condition	1a	297	MA	Eversource			12/2025	
Asset Condition	1a	306	MA	National Grid, USA			05/2023	
Asset Condition	1a	315	MA	Eversource			12/2023	
Asset Condition	1a	329	MA	Eversource			06/2023	
Asset Condition	1a	333	MA	National Grid, USA			08/2025	
Asset Condition	1a	334	MA	National Grid, USA			05/2023	
Asset Condition	1a	340	MA	Eversource			06/2023	
Asset Condition	1a	353	MA	National Grid, USA			04/2023	
Asset Condition	1a	364	MA	Eversource			06/2024	
Asset Condition	1a	365	MA	Eversource			09/2023	
Asset Condition	1a	19	CT	United Illuminating Company			09/2023	UI Coastal Substation Flood Mitigation Study Project
Asset Condition	1a	20	CT	United Illuminating Company			04/2024	UI Coastal Substation Flood Mitigation Study Project

Asset Condition	1a	21	CT	United Illuminating Company			04/2024	UI Coastal Substation Flood Mitigation Study Project
Asset Condition	1a	22	CT	United Illuminating Company			09/2024	UI Coastal Substation Flood Mitigation Study Project
Asset Condition	1a	91	CT	United Illuminating Company			01/2025	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	151	CT	United Illuminating Company			01/2025	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	152	CT	United Illuminating Company			04/2028	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	153	CT	United Illuminating Company			04/2028	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	154	CT	United Illuminating Company			08/2026	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	155	CT	United Illuminating Company			04/2026	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	156	CT	United Illuminating Company			04/2026	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	157	CT	United Illuminating Company			11/2027	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	158	CT	United Illuminating Company			11/2027	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	159	CT	United Illuminating Company			04/2025	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	160	CT	United Illuminating Company			04/2025	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	161	CT	United Illuminating Company			10/2024	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	162	CT	United Illuminating Company			10/2024	Railroad Corridor Transmission Line Asset Condition Upgrades
Asset Condition	1a	178	CT	Eversource			03/2023	
Asset Condition	1a	216	CT	Eversource			12/2023	
Asset Condition	1a	220	CT	Eversource			12/2023	
Asset Condition	1a	239	CT	United Illuminating Company			11/2024	
Asset Condition	1a	260	CT	Eversource			12/2023	

Asset Condition	1a	265	CT	Eversource			12/2023	
Asset Condition	1a	266	CT	Eversource			12/2023	
Asset Condition	1a	267	CT	Eversource			12/2023	
Asset Condition	1a	268	CT	Eversource			06/2023	
Asset Condition	1a	269	CT	Eversource			12/2023	
Asset Condition	1a	309	CT	Eversource			10/2023	
Asset Condition	1a	310	CT	Eversource			10/2023	
Asset Condition	1a	311	CT	Eversource			10/2023	
Asset Condition	1a	312	CT	Eversource			07/2023	
Asset Condition	1a	355	CT	Eversource			05/2023	
Asset Condition	1a	357	CT	Eversource			06/2024	
Asset Condition	1a	359	CT	Eversource			12/2023	
Asset Condition	1a	360	CT	Eversource			12/2023	

Asset Condition	1a	150	RI	Rhode Island Energy			06/2025	
Asset Condition	1a	335	RI	Rhode Island Energy			12/2024	

Asset Condition	1b	97	NH	National Grid, USA			09/2025	NPCC Directory #1 Protection Modifications
Asset Condition	1b	369	NH	Eversource			09/2023	

Asset Condition	1b	94	MA	National Grid, USA			09/2025	NPCC Directory #1 Protection Modifications
Asset Condition	1b	95	MA	National Grid, USA			09/2025	NPCC Directory #1 Protection Modifications
Asset Condition	1b	96	MA	National Grid, USA			09/2025	NPCC Directory #1 Protection Modifications
Asset Condition	1b	236	MA	National Grid, USA			11/2026	
Asset Condition	1b	293	MA	Eversource			06/2024	
Asset Condition	1b	317	MA	Eversource			12/2025	
Asset Condition	1b	328	MA	National Grid, USA			12/2026	
Asset Condition	1b	336	MA	National Grid, USA			05/2027	
Asset Condition	1b	337	MA	National Grid, USA			12/2030	
Asset Condition	1b	339	MA	Eversource			03/2024	
Asset Condition	1b	354	MA	National Grid, USA			08/2024	

Asset Condition	1b	213	CT	Eversource			12/2023	
Asset Condition	1b	255	CT	Eversource			12/2026	
Asset Condition	1b	256	CT	Eversource			12/2026	
Asset Condition	1b	258	CT	Eversource			06/2024	
Asset Condition	1b	259	CT	Eversource			09/2024	
Asset Condition	1b	338	CT	Eversource			06/2026	
Asset Condition	1b	352	CT	Eversource			06/2025	
Asset Condition	1b	356	CT	Eversource			06/2024	
Asset Condition	1b	358	CT	Eversource			06/2024	
Asset Condition	1b	361	CT	Eversource			09/2023	
Asset Condition	1b	362	CT	Eversource			06/2024	
Asset Condition	1b	363	CT	Eversource			03/2024	

Asset Condition	1b	98	RI	Rhode Island Energy			09/2025	NPCC Directory #1 Protection Modifications
Asset Condition	1b	99	RI	Rhode Island Energy			09/2025	NPCC Directory #1 Protection Modifications

Asset Condition	1a	23	ME	MEPCO			06/2019	
Asset Condition	1a	24	ME	MEPCO			09/2020	
Asset Condition	1a	3	VT	Vermont Electric Power Company			05/2017	Essex STATCOM Refurbishment
Asset Condition	1a	11	VT	Vermont Electric Power Company			12/2018	Structure Condition Improvement
Asset Condition	1a	195	VT	Vermont Electric Power Company			07/2021	
Asset Condition	1a	196	VT	Vermont Electric Power Company			12/2020	
Asset Condition	1a	233	VT	Vermont Electric Power Company			12/2020	
Asset Condition	1a	283	VT	Vermont Electric Power Company			12/2022	
Asset Condition	1a	285	VT	Vermont Electric Power Company			12/2022	
Asset Condition	1a	4	NH	New Hampshire Transmission			11/2016	Seabrook 345 kV GIS Breaker Removal and Bus Upgrade
Asset Condition	1a	5	NH	New Hampshire Transmission			11/2017	Seabrook 345 kV GIS Breaker Removal and Bus Upgrade
Asset Condition	1a	35	NH	Eversource			06/2017	
Asset Condition	1a	36	NH	Eversource			03/2018	
Asset Condition	1a	51	NH	Eversource			07/2018	Eversource Energy Autotransformer Replacement Plan
Asset Condition	1a	52	NH	Eversource			11/2018	Eversource Energy Autotransformer Replacement Plan
Asset Condition	1a	55	NH	Eversource			07/2018	

Asset Condition	1a	56	NH	Eversource			08/2018	
Asset Condition	1a	57	NH	Eversource			11/2018	
Asset Condition	1a	58	NH	Eversource			11/2018	
Asset Condition	1a	59	NH	Eversource			12/2018	
Asset Condition	1a	60	NH	Eversource			12/2018	
Asset Condition	1a	85	NH	New Hampshire Transmission			12/2019	Seabrook 345 kV GIS Switchyard Like-for Like Equipment Replacement
Asset Condition	1a	86	NH	New Hampshire Transmission			11/2020	Seabrook 345 kV GIS Switchyard Phase 2 Equipment Replacement Part of Asset Condition #85
Asset Condition	1a	87	NH	New Hampshire Transmission			06/2022	Seabrook 345 kV GIS Switchyard Phase 3 Equipment Replacement Part of Asset Condition #85
Asset Condition	1a	100	NH	Eversource			01/2020	
Asset Condition	1a	101	NH	Eversource			10/2019	
Asset Condition	1a	102	NH	Eversource			12/2019	
Asset Condition	1a	103	NH	Eversource			10/2019	
Asset Condition	1a	104	NH	Eversource			02/2021	
Asset Condition	1a	105	NH	Eversource			09/2020	

Asset Condition	1a	186	NH	Eversource			03/2020	
Asset Condition	1a	187	NH	Eversource			02/2021	
Asset Condition	1a	188	NH	Eversource			12/2020	
Asset Condition	1a	189	NH	Eversource			12/2020	
Asset Condition	1a	190	NH	Eversource			01/2020	
Asset Condition	1a	191	NH	Eversource			12/2020	
Asset Condition	1a	192	NH	Eversource			12/2020	
Asset Condition	1a	198	NH	Eversource			09/2020	
Asset Condition	1a	199	NH	Eversource			11/2020	
Asset Condition	1a	200	NH	Eversource			06/2021	
Asset Condition	1a	201	NH	Eversource			11/2020	
Asset Condition	1b	202	NH	Eversource			12/2020	
Asset Condition	1a	203	NH	Eversource			04/2022	
Asset Condition	1b	204	NH	Eversource			03/2020	
Asset Condition	1a	205	NH	Eversource			12/2020	
Asset Condition	1a	206	NH	Eversource			11/2020	
Asset Condition	1a	273	NH	Eversource			12/2021	
Asset Condition	1b	274	NH	Eversource			01/2022	
Asset Condition	1a	275	NH	Eversource			11/2021	
Asset Condition	1a	276	NH	Eversource			11/2021	
Asset Condition	1a	277	NH	Eversource			11/2021	

Asset Condition	1a	278	NH	Eversource			11/2022	
Asset Condition	1a	279	NH	Eversource			09/2022	
Asset Condition	1a	282	NH	Eversource			04/2022	
Asset Condition	1a	286	NH	Eversource			12/2021	
Asset Condition	1a	287	NH	Eversource			11/2021	
Asset Condition	1a	288	NH	Eversource			09/2021	
Asset Condition	1a	289	NH	Eversource			05/2022	
Asset Condition	1a	290	NH	Eversource			12/2022	
Asset Condition	1a	291	NH	Eversource			12/2022	
Asset Condition	1a	298	NH	Eversource			06/2022	
Asset Condition	1a	322	NH	Eversource			09/2022	
Asset Condition	1a	323	NH	Eversource			12/2022	
Asset Condition	1a	325	NH	Eversource			11/2022	
Asset Condition	1a	326	NH	Eversource			09/2022	
Asset Condition	1a	327	NH	Eversource			02/2022	
Asset Condition	1a	342	NH	Eversource			11/2022	
Asset Condition	1a	6	CT	Eversource			09/2014	
Asset Condition	1a	16	CT	Eversource			06/2016	
Asset Condition	1a	17	CT	United Illuminating Company			06/2020	

Asset Condition	1a	18	CT	United Illuminating Company			06/2020	UI Coastal Substation Flood Mitigation Study Project
Asset Condition	1a	29	CT	Eversource			09/2017	
Asset Condition	1a	30	CT	Eversource			12/2016	
Asset Condition	1a	33	CT	Eversource			06/2017	
Asset Condition	1a	34	CT	Eversource			12/2018	
Asset Condition	1a	39	CT	Eversource			11/2017	
Asset Condition	1a	46	CT	Eversource			12/2017	
Asset Condition	1a	47	CT	Eversource			05/2019	
Asset Condition	1a	48	CT	Eversource			07/2018	
Asset Condition	1a	49	CT	Eversource			01/2020	
Asset Condition	1a	50	CT	Eversource			11/2019	Eversource Energy Autotransformer Replacement Plan
Asset Condition	1a	67	CT	Eversource			05/2022	
Asset Condition	1a	68	CT	Eversource			04/2019	
Asset Condition	1a	69	CT	Eversource			12/2018	
Asset Condition	1a	70	CT	Eversource			04/2020	
Asset Condition	1a	71	CT	Eversource			12/2018	
Asset Condition	1a	72	CT	Eversource			12/2018	
Asset Condition	1a	73	CT	Eversource			11/2018	
Asset Condition	1a	74	CT	Eversource			12/2018	
Asset Condition	1a	75	CT	Eversource			12/2018	
Asset Condition	1a	76	CT	Eversource			05/2020	
Asset Condition	1a	77	CT	Eversource			12/2018	
Asset Condition	1a	78	CT	Eversource			12/2018	

Asset Condition	1a	79	CT	Eversource			05/2018	
Asset Condition	1a	80	CT	Eversource			07/2018	
Asset Condition	1a	81	CT	Eversource			09/2018	
Asset Condition	1a	82	CT	Eversource			05/2020	
Asset Condition	1a	83	CT	Eversource			05/2020	
Asset Condition	1b	84	CT	Eversource			12/2018	
Asset Condition	1a	89	CT	Eversource			06/2020	
Asset Condition	1a	115	CT	Eversource			09/2019	
Asset Condition	1a	116	CT	Eversource			01/2019	
Asset Condition	1a	117	CT	Eversource			05/2019	
Asset Condition	1a	119	CT	Eversource			06/2019	
Asset Condition	1a	120	CT	Eversource			10/2020	
Asset Condition	1a	122	CT	Eversource			03/2021	
Asset Condition	1a	124	CT	Eversource			09/2021	
Asset Condition	1a	125	CT	Eversource			12/2018	
Asset Condition	1a	126	CT	Eversource			04/2019	
Asset Condition	1a	127	CT	Eversource			02/2021	
Asset Condition	1a	129	CT	Eversource			08/2020	
Asset Condition	1a	130	CT	Eversource			12/2021	
Asset Condition	1a	131	CT	Eversource			11/2018	
Asset Condition	1a	133	CT	Eversource			09/2018	
Asset Condition	1a	134	CT	Eversource			11/2020	

Asset Condition	1a	135	CT	Eversource			06/2018	
Asset Condition	1a	136	CT	Eversource			04/2018	
Asset Condition	1a	137	CT	Eversource			10/2019	
Asset Condition	1a	138	CT	Eversource			10/2018	
Asset Condition	1a	139	CT	Eversource			08/2021	
Asset Condition	1a	140	CT	Eversource			10/2019	
Asset Condition	1a	141	CT	Eversource			10/2019	
Asset Condition	1a	142	CT	Eversource			12/2018	
Asset Condition	1a	143	CT	Eversource			12/2018	
Asset Condition	1a	144	CT	Eversource			10/2021	
Asset Condition	1a	163	CT	Eversource			12/2020	
Asset Condition	1a	164	CT	Eversource			03/2022	
Asset Condition	1b	165	CT	Eversource			12/2019	
Asset Condition	1a	166	CT	Eversource			11/2021	
Asset Condition	1a	167	CT	Eversource			03/2021	
Asset Condition	1a	168	CT	Eversource			06/2020	
Asset Condition	1a	169	CT	Eversource			08/2019	
Asset Condition	1a	170	CT	Eversource			07/2022	
Asset Condition	1a	171	CT	Eversource			12/2019	
Asset Condition	1a	172	CT	Eversource			03/2022	
Asset Condition	1a	173	CT	Eversource			11/2021	
Asset Condition	1a	174	CT	Eversource			07/2019	

Asset Condition	1a	175	CT	Eversource			10/2019	
Asset Condition	1a	176	CT	Eversource			12/2020	
Asset Condition	1a	177	CT	Eversource			07/2019	
Asset Condition	1a	193	CT	Eversource			12/2019	
Asset Condition	1a	197	CT	United Illuminating Company			10/2019	
Asset Condition	1a	214	CT	Eversource			03/2021	
Asset Condition	1a	215	CT	Eversource			12/2020	
Asset Condition	1a	217	CT	Eversource			08/2021	
Asset Condition	1b	218	CT	Eversource			10/2021	
Asset Condition	1a	219	CT	Eversource			08/2022	
Asset Condition	1a	221	CT	Eversource			09/2022	
Asset Condition	1a	222	CT	Eversource			06/2020	
Asset Condition	1a	223	CT	Eversource			09/2021	
Asset Condition	1a	224	CT	Eversource			05/2022	
Asset Condition	1a	225	CT	Eversource			12/2022	
Asset Condition	1a	227	CT	Eversource			11/2021	
Asset Condition	1a	228	CT	Eversource			04/2021	
Asset Condition	1a	229	CT	Eversource			02/2021	
Asset Condition	1a	230	CT	Eversource			06/2022	
Asset Condition	1a	231	CT	Eversource			04/2020	
Asset Condition	1a	241	CT	Eversource			05/2021	

Asset Condition	1a	242	CT	Eversource			08/2021	
Asset Condition	1a	243	CT	Eversource			06/2021	
Asset Condition	1a	244	CT	Eversource			09/2021	
Asset Condition	1a	245	CT	Eversource			04/2022	
Asset Condition	1a	246	CT	Eversource			12/2018	
Asset Condition	1a	247	CT	Eversource			12/2018	
Asset Condition	1a	257	CT	Eversource			12/2021	
Asset Condition	1a	261	CT	Eversource			03/2022	
Asset Condition	1a	262	CT	Eversource			10/2022	
Asset Condition	1a	263	CT	Eversource			12/2022	
Asset Condition	1a	264	CT	Eversource			01/2022	
Asset Condition	1a	292	CT	Eversource			12/2021	
Asset Condition	1a	302	CT	Eversource			05/2022	
Asset Condition	1a	303	CT	Eversource			06/2022	
Asset Condition	1a	313	CT	Eversource			04/2022	
Asset Condition	1a	314	CT	Eversource			06/2022	
Asset Condition	1a	1	MA	Eversource			06/2016	
Asset Condition	1a	2	MA	National Grid, USA			10/2016	Crystal Lake Substation Upgrades
Asset Condition	1a	7	MA	Eversource			12/2015	
Asset Condition	1a	8	MA	Eversource			05/2015	
Asset Condition	1a	9	MA	Eversource			12/2015	

Asset Condition	1a	10	MA	Eversource			07/2014	
Asset Condition	1a	12	MA	Eversource			07/2017	
Asset Condition	1a	13	MA	Eversource			01/2017	
Asset Condition	1a	14	MA	Eversource			12/2015	
Asset Condition	1a	15	MA	Eversource			05/2019	
Asset Condition	1a	25	MA	Taunton Municipal Light Plant			12/2022	
Asset Condition	1a	31	MA	Eversource			05/2016	
Asset Condition	1a	32	MA	Eversource			12/2020	
Asset Condition	1a	37	MA	Eversource			11/2018	
Asset Condition	1a	38	MA	Eversource			12/2017	
Asset Condition	1a	40	MA	National Grid, USA		1	05/2018	
Asset Condition	1a	41	MA	Eversource			06/2013	
Asset Condition	1a	42	MA	Eversource			12/2020	
Asset Condition	1a	45	MA	Eversource			07/2018	
Asset Condition	1a	61	MA	Eversource			09/2017	
Asset Condition	1a	62	MA	Eversource			12/2018	
Asset Condition	1a	64	MA	Eversource			03/2021	
Asset Condition	1a	65	MA	Eversource			06/2020	
Asset Condition	1a	66	MA	Eversource			05/2019	
Asset Condition	1a	88	MA	National Grid, USA			12/2019	NPCC Directory #1 Protection Modifications
Asset Condition	1a	92	MA	National Grid, USA			08/2022	
Asset Condition	1a	107	MA	Eversource			06/2021	
Asset Condition	1a	108	MA	Eversource			10/2019	

Asset Condition	1a	109	MA	Eversource			03/2019	
Asset Condition	1a	110	MA	Eversource			03/2019	
Asset Condition	1a	111	MA	Eversource			12/2018	
Asset Condition	1a	112	MA	Eversource			12/2019	
Asset Condition	1a	113	MA	Eversource			12/2018	
Asset Condition	1a	114	MA	Eversource			11/2019	
Asset Condition	1a	147	MA	National Grid, USA			02/2022	
Asset Condition	1a	148	MA	National Grid, USA			05/2020	
Asset Condition	1a	179	MA	Eversource			10/2019	
Asset Condition	1a	180	MA	Eversource			08/2019	
Asset Condition	1a	181	MA	Eversource			08/2022	
Asset Condition	1a	182	MA	Eversource			11/2019	
Asset Condition	1b	183	MA	Eversource			09/2019	
Asset Condition	1a	184	MA	Eversource			03/2021	
Asset Condition	1b	185	MA	Eversource			03/2020	
Asset Condition	1a	207	MA	Eversource			10/2021	
Asset Condition	1a	208	MA	Eversource			09/2022	
Asset Condition	1a	209	MA	Eversource			10/2020	
Asset Condition	1a	210	MA	Eversource			03/2021	
Asset Condition	1a	211	MA	Eversource			07/2020	
Asset Condition	1a	212	MA	Eversource			03/2021	

Asset Condition	1b	238	MA	Eversource			06/2020	
Asset Condition	1a	240	MA	National Grid, USA			10/2022	Boston 2028 Project
Asset Condition	1a	248	MA	Eversource			12/2017	
Asset Condition	1a	249	MA	Eversource			06/2019	
Asset Condition	1a	251	MA	Eversource			11/2022	
Asset Condition	1b	252	MA	Eversource			06/2021	
Asset Condition	1a	253	MA	Eversource			10/2021	
Asset Condition	1b	254	MA	Eversource			04/2021	
Asset Condition	1a	270	MA	National Grid, USA			06/2022	
Asset Condition	1a	295	MA	National Grid, USA			02/2022	
Asset Condition	1a	296	MA	National Grid, USA			03/2022	
Asset Condition	1a	299	MA	Eversource			12/2021	
Asset Condition	1a	300	MA	Eversource			11/2021	
Asset Condition	1b	301	MA	Eversource			11/2021	
Asset Condition	1a	304	MA	Eversource			04/2021	
Asset Condition	1a	307	MA	National Grid, USA			05/2022	
Asset Condition	1a	316	MA	Eversource			12/2022	
Asset Condition	1b	318	MA	Eversource			06/2022	
Asset Condition	1b	319	MA	Eversource			07/2022	
Asset Condition	1b	320	MA	Eversource			08/2022	
Asset Condition	1a	54	RI	National Grid, USA			12/2019	NPCC Directory #1 Protection Modifications
Asset Condition	1a	272	RI	Rhode Island Energy			12/2022	
Asset Condition	1b	93	VT	National Grid, USA			09/2025	NPCC Directory #1 Protection Modifications

CA

Asset Condition	1b	106	NH	Eversource			12/2023	
Asset Condition	1b	118	CT	Eversource			12/2020	
Asset Condition	1b	121	CT	Eversource			12/2020	
Asset Condition	1b	123	CT	Eversource			12/2020	
Asset Condition	1a	128	CT	Eversource			12/2019	
Asset Condition	1b	132	CT	Eversource			12/2020	
Asset Condition	1b	226	CT	Eversource			12/2023	
Asset Condition	1b	234	MA	National Grid, USA			10/2026	

Notes:

¹ The original cost for Asset Condition project #40 was above the \$5 million threshold. The curr

Grandfathered projects on May 18, 2015 are not applicable to the Asset Condition list

Asset Condition List - Status Definitions:

The Section #'s designate the "need" category of the project. Original categories are not ch

Sections - These projects are Asset Condition Upgrades

1a: Planned or Under construction

1b: Concept or Proposed

Concept - Project is under consideration to address an asset condition issue that has been p

Proposed - Asset owner has determined that the solution is appropriate to address the asse

Planned - PPA has been approved, if needed. Costs must be provided

Under Construction - Implementation of project is underway Costs must be provided

In-service - Project is in-service. Costs must be provided

Description of PAC interaction and inclusion on the Asset Condition list:

1. If the asset condition issue is on PTF and the PTF cost is greater than \$5M, a presentation will be r
2. If the asset condition issue is on the PTF and non-PTF, a presentation will be made to the TOPAC a
3. If the asset condition issue is only on the non-PTF, but the corrective action results in changes to t

AND Asset Condition Update - ISO-NE Public

Description	Mar-16 Status	Oct-22 Status	Mar-23 Status	PPA (I.3.9) Approval	TCA Approval
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Table A

Maine

New Hampshire

Webster-Beebe River 115 kV Corridor Asset Condition and OPGW Project - E115 Line		Under Construction	Under Construction	7/15/2021	No
Webster-Beebe River 115 kV Corridor Asset Condition and OPGW Project - Z180 Line		Planned	Planned	7/15/2021	No
Moore #20 Substation Asset Condition and Separation		Proposed	Planned	12/14/2022	No
Laminated Wood Structure Replacement Program Phase II - A152 115 kV Line		Under Construction	Under Construction	NR	No
P145 Line Rebuild - Asset Condition and OPGW		Under Construction	Under Construction	8/19/2022	No
Deerfield Station 345 kV Breaker Replacements		Under Construction	Under Construction	NR	No
Timber Swamp Station 345 kV Breaker Replacements		Proposed	Under Construction	NR	No
Line 373 Asset Condition Wood Structure Replacements		Proposed	Under Construction	NR	No
Line 326 Asset Condition Wood Structure Replacements		Proposed	Under Construction	NR	No
Line 385 Asset Condition Wood Structure Replacements		Proposed	Under Construction	NR	No
Line 391 Asset Condition Wood Structure Replacements		Proposed	Under Construction	NR	No
Line C196 Asset Condition Wood Structure Replacements		Proposed	Under Construction	NR	No
Scobie Pond Station 345 kV Trench Replacement & Control House Expansion Project		Proposed	Under Construction	NR	No
Greggs Substation Rebuild			Under Construction	11/16/2022	No
Eagle Substation 345/115 kV Autotransformer Replacement			Under Construction	9/22/2022	No
115 kV Structure Replacements and OPGW Installation - P106 Line			Under Construction	NR	No

115 kV Structure Replacements and OPGW Installation - Q171 Line			Under Construction	NR	No
Line 381/379 Optical Ground Wire Upgrade			Under Construction	NR	No

Vermont

Line 340 Asset Condition Structure Refurbishment		Under Construction	Under Construction	NR	1/29/2021
Vernon #13 Substation Asset Replacements		Planned	Planned	7/20/2022	No
Line K24 Asset Condition Structure Refurbishment		Under Construction	Under Construction	NR	8/20/2021
Line K42 Asset Condition Line Replacement		Planned	Planned	3/17/2022	No
Line K21 Asset Condition Line Refurbishment		Under Construction	Under Construction	NR	No
Line K32 Asset Condition Line Refurbishment		Under Construction	Under Construction	NR	No
Line K50 Asset Condition Line Refurbishment		Under Construction	Under Construction	NR	No
Middlebury Substation Asset Condition Refurbishment			Planned	NR	No

Massachusetts

Rebuild Bourne Substation as a breaker and one half scheme		Under Construction	Under Construction	4/30/2018	8/21/2021
Kingston Substation #735 Asset Condition Replacement		Under Construction	Under Construction	4/30/2018	6/1/2022
115 kV GIS breaker replacement at Kingston Street #514 Substation		Under Construction	Under Construction	NR	7/1/2020
K Street #385 115 kV Control House		Under Construction	Under Construction	NR	4/17/2018
Mystic #250 115 kV Control House		Under Construction	Under Construction	NR	4/17/2018
NPCC Directory #1 Protection Modifications - Phase 2		Under Construction	Under Construction	NR	No
Lexington Station #320 Asset Condition Upgrade Project		Under Construction	Under Construction	NR	7/1/2020

Canal Station #980 BPS and Asset Condition Upgrade Project		Under Construction	Under Construction	NR	6/30/2020
Carpenter Hill Control House Rebuild		Under Construction	Under Construction	NR	4/11/2022
327 Line Asset Condition Refurbishments		Under Construction	Under Construction	NR	1/29/2021
315 Line Asset Condition Refurbishments - MA Portion		Under Construction	Under Construction	NR	1/29/2021
110-510 & 110-511 lines 115 kV HPFF refurbishment		Under Construction	Under Construction	4/29/2020	6/3/2022
A-1 & B-2 69 kV Line Asset Condition Project		Planned	Planned	6/2/2020	No
Copper Conductor and Shield Wire Replacement - Line 1231/1242		Proposed	Under Construction	10/19/2022	No
V-148S Asset Condition Refurbishment and Switch Replacement - MA Portion		Under Construction	Under Construction	3/17/2022	1/30/2023
Millbury #2 Substation Protection Scheme Upgrade and Asset Condition Refurbishments		Under Construction	Under Construction	NR	4/11/2022
282-520 & 282-521 115 kV Lines HPFF Refurbishment		Planned	Planned	8/23/2021	No
V-174 115 kV Line Asset Condition Refurbishments and OPGW installation		Under Construction	Under Construction	NR	10/31/2022
115 kV Structure Replacements and Shield Wire - 191 Line		Under Construction	Under Construction	NR	2/7/2023
115 kV Line Structure and OPGW Replacements - Line 1428		Proposed	Under Construction	7/20/2022	No
Construct new Stafford Street Substation		Planned	Under Construction	6/2/2020	No
K-137/L-138W 115 kV Lines Pilot Protection Scheme		Planned	Under Construction	NR	2/7/2023
Holbrook Station 345/115 kV Autotransformer Replacement		Proposed	Under Construction	9/22/2022	No
326 345kV Line Structure Replacements			Under Construction	NR	No
High Hill Station 644 Control House Replacement			Planned	NR	No
Asset Condition Wood Structure Replacements - 389 345 kV Line			Planned	NR	No

Connecticut

Congress 115 kV Substation Flood Wall		Under Construction	Under Construction	NR	7/19/2022
Grand Avenue - Mill River 115 kV Substation Flood Wall		Planned	Planned	NR	No

Singer 345kV Substation Flood Wall		Under Construction	Under Construction	NR	5/17/2022
Pequonnock 115kV Substation rebuild with a new substation adjacent to the existing one		Under Construction	Under Construction	12/28/2016	4/11/2022
Rebuild 8809A-2 Line (Pequonnock-Congress)		Planned	Planned	1/28/2019	No
Rebuild 8809B-2 Line (Pequonnock - Congress)		Planned	Planned	1/28/2019	No
Rebuild portion of 1130 Line (Pequonnock - UI Str. B737)		Planned	Planned	1/28/2019	No
Rebuild 1430 Line (Ash Creek - ESE Str. B648)		Planned	Planned	1/28/2019	No
Rebuild 91001-1 Line (Pequonnock - Bridgeport Resco) & 91001-2 Line (Bridgeport Resco - Ash Creek)		Planned	Planned	1/28/2019	No
Rebuild 88005A-1 Line (Milvon - Woodmont)		Planned	Planned	1/28/2019	No
Rebuild 88005B-1 Line (Milvon - Woodmont)		Planned	Planned	1/28/2019	No
Rebuild 8804A Line (Woodmont - Allings Crossing)		Planned	Planned	1/28/2019	No
Rebuild 8804B Line (Woodmont - Allings Crossing)		Planned	Planned	1/28/2019	No
Rebuild 88003A-3 Line (Allings Crossing - Elmwest)		Planned	Planned	1/28/2019	No
Rebuild 88003B-3 Line (Allings Crossing - Elmwest)		Planned	Planned	1/28/2019	No
Rebuild 88003A-2 Line (Elmwest - West River)		Planned	Planned	1/28/2019	No
Rebuild 88003B-2 Line (Elmwest - West River)		Planned	Planned	1/28/2019	No
345 kV Structure Replacement Projects - Line 3754		Under Construction	Under Construction	NR	No
115 kV Wood Pole Replacement - 1080		Proposed	Under Construction	NR	No
115 kV Wood Pole and Shield Wire Replacement - 1280		Under Construction	Under Construction	NR	No
Derby Junction to Ansonia Corridor 115 kV Transmission Upgrades		Planned	Planned	NR	No
Copper Conductor and Shield Wire Replacement - Line 1825		Under Construction	Under Construction	12/16/2021	No

345 kV Line Structure and PINCO insulator Replacement - Line 383		Under Construction	Under Construction	NR	12/23/2022
345 kV Line Structure and PINCO insulator Replacement - Line 387		Under Construction	Under Construction	NR	12/23/2022
345 kV Line Structure and PINCO insulator Replacement - Line 3041		Under Construction	Under Construction	NR	12/23/2022
345 kV Line Structure and PINCO insulator Replacement - Line 3424		Under Construction	Under Construction	NR	12/23/2022
345 kV Line Structure and PINCO insulator Replacement - Line 3754		Under Construction	Under Construction	NR	No
Southwest Connecticut (SWCT) Substation Relay Upgrades - Glenbrook 115 kV		Under Construction	Under Construction	NR	No
Southwest Connecticut (SWCT) Substation Relay Upgrades - Plumtree 115 kV and 345 kV		Under Construction	Under Construction	NR	No
Southwest Connecticut (SWCT) Substation Relay Upgrades - Norwalk 115 kV and 345 kV		Under Construction	Under Construction	NR	No
Laminated Wood Structure Replacement Program Phase II - 3403 345 kV Line		Proposed	Under Construction	NR	No
115 kV Structure Replacements and OPGW Installation - 1783 Line			Under Construction	NR	No
115 kV Line Asset Condition and OPGW Project - Line 1772			Under Construction	No	No
345 kV Structure Replacements and OPGW Installation - 362 Line			Under Construction	NR	No
East Devon 345/115 kV Relay Upgrades			Under Construction	NR	No

Rhode Island

315 Line Asset Condition Refurbishments - RI Portion		Planned	Planned	NR	1/29/2021
G-185S/L-190 115 kV OPGW Installation from Davisville Tap to West Kingston (L-190 to Wickford Junction)		Planned	Under Construction	NR	No

Table B

Maine

New Hampshire

NPCC Directory #1 Protection Modifications - Phase 3		Concept	Concept	NR	No
Asset Condition Wood Structure Replacements - C196 115 kV Line			Proposed	NR	No

Vermont

Massachusetts

NPCC Directory #1 Protection Modifications - Phase 5		Concept	Concept	NR	No
NPCC Directory #1 Protection Modifications - Phase 4		Concept	Concept	NR	No
NPCC Directory #1 Protection Modifications - Phase 3		Concept	Concept	NR	No
Deerfield #4 Substation Asset Replacements		Concept	Concept	No	No
Ludlow 19S 345 kV Full BPS Separation and Asset Condition Project		Proposed	Proposed	NR	No
Edgar Station #150 Brown Glass and Obsolete Equipment Replacement		Proposed	Proposed	NR	No
Bridgewater #16 Substation Asset Condition Upgrades		Proposed	Proposed	No	No
Tewksbury #22 Substation Asset Condition Replacements		Proposed	Proposed	No	No
E-5/F-6 69kV Line Asset Condition Refurbishments		Concept	Concept	No	No
Northfield Mountain Substation 345 kV Breaker Replacements		Proposed	Proposed	NR	No
Maplewood #16 Substation Asset Replacements			Proposed	NR	No

Connecticut

115 kV Wood Pole Replacement - 1000		Proposed	Proposed	NR	No
Copper Conductor and Shield Wire Replacement - Line 1560/1808		Proposed	Proposed	No	No
Copper Conductor and Shield Wire Replacement - Line 1580/1142/1808		Proposed	Proposed	No	No
Copper Conductor and Shield Wire Replacement - Line 1268/1485/1622/1887		Proposed	Proposed	No	No
Copper Conductor and Shield Wire Replacement - Line 1163/1550		Proposed	Proposed	No	No
Millstone Substation 345 kV Breaker Replacements		Proposed	Proposed	NR	No
Trumbull - Norwalk Corridor Partial 115 kV Line Rebuilds - 1637/1720 and 1714/1720/1222 Lines			Proposed	1/19/2023	No
115 kV Line Asset Condition and OPGW Project - Line 348			Proposed	No	No
345 kV Structure Replacements and OPGW Installation - 3041 Line			Proposed	NR	No
115kV Lattice Tower and Shield Wire Replacements - 1261/1598 Line			Proposed	NR	No
115kV Lattice Tower, Shield Wire, and Conductor Replacements - 1355/1610 Line			Proposed	No	No
Asset Condition Wood Structure Replacements - 1208 115 kV Line			Proposed	NR	No

Rhode Island

NPCC Directory #1 Protection Modifications - Phase 5		Concept	Concept	NR	No
NPCC Directory #1 Protection Modifications - Phase 4		Concept	Concept	NR	No

In-Service Maine

Section 388 & 3023 Structure Replacement		In-service	In-service	NR	12/10/2019
Section 396 & 3001 Structure Replacement		In-Service	In-Service	NR	12/10/2019

Vermont

Replace Essex STATCOM power electronics and controls	Proposed	In-service	In-service	NR	8/13/2017
Replacement of 115 kV, 230 kV and 345 kV structures as part of the VELCO asset maintenance activities addressing our aging and degrading transmission line infrastructure. 100 to 300 structures will be replaced every year based on outage availability		In-service	In-service	NR	12/1/2017
Sand Bar Substation - Mitigate several Asset Condition concerns: Control House, P&C, circuit breakers, switches		In-Service	In-Service	NR	2/19/2021
Berlin Substation - Mitigate several Asset Condition concerns: Control House, P&C, circuit breakers & switches. Install a second protection system.		In-Service	In-Service	NR	2/1/2021
Line K41 Asset Condition Structure Refurbishment		In-Service	In-Service	NR	1/29/2021
Line K22 Asset Condition Structure Refurbishment		Under Construction	In-Service	NR	8/20/2021
Line K34 Asset Condition Structure Refurbishment		Under Construction	In-Service	NR	8/20/2021

New Hampshire

Phase 1 - Remove Breaker 22, remove Bus 4 and upgrade sections of Bus 2	Proposed	In-service	In-service	2/23/2016	9/11/2018
Phase 2 - Remove Breaker 11 and upgrade sections of Bus 1	Proposed	In-service	In-service	2/23/2016	9/11/2018
Scobie Pond TB30 345/115 kV transformer replacement project		In-service	In-service	5/24/2017	8/24/2018
Install two 40 MVAR reactors on the Scobie 115 kV bus, to accommodate the loss of the reactors connected on the 13.8 kV tertiary winding of the TB30 transformer		In-service	In-service	5/24/2017	8/24/2018
Replace the Deerfield TB-14 autotransformer and bus upgrades to accommodate new transformer specifications		In-service	In-service	1/29/2018	10/8/2020
Replace the Littleton TB-41 autotransformer and bus upgrades to accommodate new transformer specifications		In-service	In-service	1/29/2018	NR
345 kV Structure Replacement Project - Line 307		In-service	In-service	NR	12/16/2019

345 kV Structure Replacement Project - Line 326		In-service	In-service	NR	12/16/2019
345 kV Structure Replacement Project - Line 367		In-service	In-service	NR	12/16/2019
345 kV Structure Replacement Project - Line 379		In-service	In-service	NR	12/16/2019
345 kV Structure Replacement Project - Line 381		In-service	In-service	NR	12/16/2019
345 kV Structure Replacement Project - Line 391		In-service	In-service	NR	12/16/2019
Phase 1 of multi-phase project involving like for like equipment replacement. Phase 1 included replacing three approximately 1,000 ft. long horizontal gas-insulated lines (GIL) comprising the three phases of the 345kV Seabrook-to-Timberswamp 369 line. Post-top insulators for the 369 line located in the open-air to GIS transition yard were also replaced. A bridge covering the GILs where they go below grade and then resurface upon entering the fenced-in Protected Area where the GIS Switchyard is located was replaced during this phase.		In-service	In-service	NR	4/21/2019
Phase 2 of multi-phase project involving like for like equipment replacement. Phase 2 includes replacing three approximately 1,000 ft. long horizontal gas-insulated lines (GIL) comprising the three phases of the 345 kV Seabrook-Scobie Pond 363 line, and replacing two GIS 345 kV Circuit Breakers and related switches that are the 363 line termination equipment. Post-top insulators for the 363 line located in the open-air to GIS transition yard will also be replaced. Phase 2 also includes replacing Breaker Failure Relay Protection Systems for the 363 line.		In-Service	In-Service	NR	4/21/2019
Phase 3 of multi-phase project involving like for like equipment replacement. Phase 3 includes replacing three approximately 1,000 ft. long horizontal gas-insulated lines (GIL) comprising the three phases of the 345 kV Seabrook-Ward Hill 394 line, and replacing two GIS 345 kV Circuit Breakers and related switches that are the 394 line termination equipment. Post-top insulators located in the open-air to GIS transition yard will also be replaced. Phase 3 also includes replacing Breaker Failure Relay Protection Systems for the 394 line.		In-service	In-service	NR	4/21/2019
115 kV Structure Replacement Project - Line A126		In-service	In-service	NR	2/2/2020
115 kV Structure Replacement Project - Line H123		In-service	In-service	NR	2/2/2020
115 kV Structure Replacement Project - Line H141		In-service	In-service	NR	2/2/2020
115 kV Structure Replacement Project - Line K174		In-service	In-service	NR	2/2/2020
115 kV Structure Replacement Project - Line L163		In-Service	In-Service	NR	2/2/2020
115 kV Structure Replacement Project - Line A152		In-service	In-service	NR	2/2/2020

345 kV Structure Replacement Projects - Line 326		In-service	In-service	NR	NR
345 kV Structure Replacement Projects - Line 367		In-Service	In-Service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 373		In-service	In-service	NR	2/2/2021
345 kV Structure Replacement Projects - Line 379		In-service	In-service	NR	2/2/2021
345 kV Structure Replacement Projects - Line 381		In-service	In-service	NR	2/2/2021
345 kV Structure Replacement Projects - Line 385		In-service	In-service	NR	2/2/2021
345 kV Structure Replacement Projects - Line 391		In-service	In-service	NR	2/2/2021
115 kV Wood Pole Replacement - B143		In-service	In-service	NR	2/2/2021
115 kV Wood Pole Replacement - C129		In-service	In-service	NR	2/2/2021 6/3/2022
115 kV Wood Pole Replacement - F139		In-Service	In-Service	NR	2/2/2021
115 kV Wood Pole Replacement - G128		In-service	In-service	NR	2/2/2021
115 kV Wood Pole Replacement - K105		In-service	In-service	NR	NR
115 kV Wood Pole and Shield Wire Replacement - K174		In-service	In-service	NR	2/2/2021
115 kV Wood Pole Replacement - L175		In-service	In-service	NR	NR
115 kV Wood Pole and Shield Wire Replacement - M127		In-service	In-service	NR	2/2/2021
115 kV Wood Pole and Shield Wire Replacement - Y138		In-service	In-service	NR	2/2/2021
Copper Conductor and Shield Wire Replacement Projects - C129 Line		In-Service	In-Service	NR	No
Copper Conductor and Shield Wire Replacement Projects - D108 Line		In-service	In-service	9/22/2021	No
Copper Conductor and Shield Wire Replacement Projects - G128 Line		In-Service	In-Service	NR	No
Copper Conductor and Shield Wire Replacement Projects - L163 Line		In-Service	In-Service	NR	No
Copper Conductor and Shield Wire Replacement Projects - X104		In-Service	In-Service	NR	No

Amherst substation Protection & Controls Upgrades		Under Construction	In-Service	NR	8/21/2021
Webster-Beebe River 115 kV Corridor Asset Condition and OPGW Project - A111 Line		Under Construction	In-Service	7/15/2021	No
345 kV Line Structure Replacements - Line 373		In-Service	In-Service	NR	12/23/2022
Eddy Substation Control House Relocation and Rebuild		In-Service	In-Service	7/10/2019	8/23/2021
NH 115 kV Laminated Wood Structure Replacement Program Phase I - G128 Line		In-Service	In-Service	NR	11/1/2022
NH 115 kV Laminated Wood Structure Replacement Program Phase I - L175 Line		In-Service	In-Service	NR	11/1/2022
NH 115 kV Laminated Wood Structure Replacement Program Phase I - K105 Line		In-Service	In-Service	NR	11/1/2022
NH 115 kV Laminated Wood Structure Replacement Program Phase I - X116 Line		Under Construction	In-Service	NR	11/1/2022
NH 115 kV Laminated Wood Structure Replacement Program Phase I - Z119 Line		Under Construction	In-Service	NR	11/1/2022
115 kV Structure and Shield Wire Replacements - Line D121		In-Service	In-Service	NR	12/23/2022
Laminated Wood Structure Replacement Program Phase II - V191 115 kV Line		Under Construction	In-service	NR	No
115 kV Structure and Shield Wire Replacements - T198 Line		Under Construction	In-service	NR	2/7/2023
Laminated Wood Structure Replacement Program Phase II - R187 115 kV Line		Under Construction	In-service	NR	No
Laminated Wood Structure Replacement Program Phase II - S188 115 kV Line		Under Construction	In-service	NR	No
Laminated Wood Structure Replacement Program Phase II - M164 115 kV Line		In-Service	In-Service	NR	No
Line 379 Asset Condition Wood Structure Replacements		Under Construction	In-service	NR	No

Connecticut

1570 line clearance remediation. Devon S/S to Beacon Falls S/S. 31 conductor span locations were found to have NESC clearance discrepancies.	In-service	In-service	In-service	NR	12/16/2016
3419 line (portion in Connecticut) asset condition and storm hardening. Asset condition - replace 24 wood poles H-frame with direct embed steel wood pole equivalent or wood located in MA & CT.		In-service	In-service	NR	1/3/2018
East Shore 345 kV circuit switcher replacement project. Replace 345 kV circuit switchers with dead tank breakers		In-service	In-service	7/19/2016	10/30/2019

East Shore - Raising Impacted 115 kV Equipment		In-service	In-service	NR	10/30/2019
1620/1975 line structure replacement		In-service	In-service	NR	12/1/2017 2/19/2021
3424 line Asset Condition and Storm Hardening		In-service	In-service	NR	1/3/2018
1410 and 100 Line Structure Replacements		In-service	In-service	NR	12/1/2017
Devon Control House Modifications		In-service	In-service	NR	4/17/2018
3419 line (portion in Connecticut) asset condition and OPGW project		In-service	In-service	NR	1/2/2018
Southern CT Loop Line Structure Replacements - 1261/1598 115 kV		In-service	In-service	NR	4/17/2018
Southern CT Loop Line Structure Replacements - 1342 115 kV		In-service	In-service	NR	12/10/2019
Southern CT Loop Line Structure Replacements - 1508 115 kV		In-service	In-service	NR	8/24/2018
Southern CT Loop Line Structure Replacements - 1655 115 kV		In-service	In-service	NR	6/30/2020
Replace the Card 11F-5X autotransformer. Foundation and bus upgrades to accommodate new transformer specifications		In-service	In-service	5/16/2018	NR
Manchester Control House Expansion		In-Service	In-Service	NR	10/8/2020
Card-Montville-Tunnel Corridor Asset Condition and OPGW Installation Project		In-service	In-service	NR	10/16/2018
Oil Circuit Breaker Replacement Project at the Frost Bridge Substation		In-service	In-service	NR	8/24/2018
Oil Circuit Breaker Replacement Project at the Plumtree Substation		In-service	In-service	NR	12/22/2022
345 kV Structure Replacement Project - Line 310		In-service	In-service	NR	12/16/2019
345 kV Structure Replacement Project - Line 321		In-service	In-service	NR	12/16/2019 2/19/202
345 kV Structure Replacement Project - Line 330		In-service	In-service	NR	12/16/2019
345 kV Structure Replacement Project - Line 348		In-service	In-service	NR	12/16/2019
345 kV Structure Replacement Project - Line 364		In-service	In-service	NR	12/16/2019
345 kV Structure Replacement Project - Line 371		In-service	In-service	NR	12/16/2019 2/19/2020
345 kV Structure Replacement Project - Line 383		In-service	In-service	NR	12/16/2019
345 kV Structure Replacement Project - Line 387		In-service	In-service	NR	12/16/2019

345 kV Structure Replacement Project - Line 398		In-Service	In-Service	NR	12/16/2019
345 kV Structure Replacement Project - Line 3041		In-service	In-service	NR	12/16/2019
345 kV Structure Replacement Project - Line 3642		In-service	In-service	NR	12/16/2019
Laminated Structure Replacement Project - Line 1505/1607		In-Service	In-Service	NR	2/20/2020
Laminated Structure Replacement Project - Line 1675/1080		In-service	In-service	NR	2/20/2020
Laminated Structure Replacement Project - Line 1921		In-service	In-service	NR	2/20/2020
Montville 16X Transformer Replacement		In-service	In-service	5/16/2018	NR
1608 115 kV Line Cable Replacement		In-service	In-service	12/19/2019	4/28/2020
1880 115 kV Line Cable Replacement		In-service	In-service	NR	4/28/2020
115 kV Structure Replacement Project - Line 1050		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1256		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1261/1598		In-Service	In-Service	NR	2/19/2021 5/31/2022
115 kV Structure Replacement Project - Line 1310		In-Service	In-Service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1448		In-Service	In-Service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1565		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1620		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1635		In-Service	In-Service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1726		In-Service	In-Service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1465		In-Service	In-Service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1751		In-service	In-service	NR	NR
115 kV Structure Replacement Project - Line 1759		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1765		In-Service	In-Service	NR	2/19/2021

115 kV Structure Replacement Project - Line 1766		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1767		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1769		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1770 (the 1770 line has been replaced by the Plumtree to Stony Hill 1268 line and the Stony Hill to Bates Rock 1485 line)		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1772		In-Service	In-Service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1783		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1785		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1768-CT		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1910		In-service	In-service	NR	2/19/2021
Millstone Substation 15G High Creep Insulator Replacement		In-Service	In-Service	NR	10/8/2020
667 69 kV line rebuild and asset condition project		In-Service	In-Service	7/25/2019 8/28/2020	4/28/2020
345 kV Structure Replacement Projects - Line 310		In-Service	In-Service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 321		In-service	In-service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 330		In-Service	In-Service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 348		In-Service	In-Service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 352		In-service	In-service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 362		In-service	In-service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 364		In-Service	In-Service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 368		In-service	In-service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 383		In-Service	In-Service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 387		In-Service	In-Service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 3041		In-service	In-service	NR	2/1/2021

345 kV Structure Replacement Projects - Line 3252		In-service	In-service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 3419		In-Service	In-Service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 3424		In-service	In-service	NR	2/1/2021
115 kV Structure Replacement Projects - Line 1470		In-service	In-service	NR	2/19/2021
1130 Line Optical Ground Wire (OPGW) Replacement		In-service	In-service	NR	10/30/2019
115 kV Wood Pole Replacement - 1042		In-Service	In-Service	NR	No
115 kV Wood Pole and Shield Wire Replacement - 1043		In-Service	In-Service	NR	No
115 kV Wood Pole Replacement - 1208		In-Service	In-Service	NR	No
115 kV Wood Pole and Shield Wire Replacement - 1232		In-Service	In-Service	NR	NR
115 kV Wood Pole and Shield Wire Replacement - 1256		Under Construction	In-Service	NR	No
115 kV Wood Pole and Shield Wire Replacement - 1410		Under Construction	In-Service	NR	No
115 kV Wood Pole Replacement - Line 1505		In-service	In-service	NR	No
115 kV Wood Pole Replacement - 1607		In-Service	In-Service	NR	No
115 kV Wood Pole and Shield Wire Replacement - 1618		In-Service	In-Service	NR	8/28/2020
115 kV Wood Pole and Shield Wire Replacement - 1732		Under Construction	In-Service	NR	No
115 kV Wood Pole Replacement - 1756		In-Service	In-Service	NR	No
115 kV Wood Pole and Shield Wire Replacement - 1765		In-Service	In-Service	NR	NR
115 kV Wood Pole and Shield Wire Replacement - 1766		In-Service	In-Service	NR	No
115 kV Wood Pole Replacement - 1910		In-Service	In-Service	NR	No
115 kV Line Rebuild and Asset Condition Project - Line 1355		In-service	In-service	NR	2/19/2021
Glenbrook STATCOM Replacement		In-Service	In-Service	4/14/2021	8/21/2021 12/23/2022

Horton Cove Asset Condition and OPGW Project		In-Service	In-Service	11/6/2020	6/1/2022
115 kV Lattice Tower Asset Condition and OPGW Project - Line 1768		In-Service	In-Service	11/6/2020	8/21/2021
115 kV Copper Conductor and Wood Pole Replacement - Line 1191		In-Service	In-Service	10/5/2020	8/21/2021
Southington Substation Relay Replacement Project		In-Service	In-Service	NR	8/21/2021
Prior Year Wood Structure Asset Condition Replacement - Line 329 345 kV		In-service	In-service	NR	10/28/2022
Prior Year Wood Structure Asset Condition Replacement - Line 352 345 kV		In-service	In-service	NR	10/28/2022
Copper Conductor and Shield Wire Replacement - Line 1588		In-Service	In-Service	6/17/2021	No
115 kV Wood Pole and Shield Wire Replacement 2020-2023 - Line 1465		In-Service	In-Service	NR	No
345 kV Line Structure and PINCO insulator Replacement - Line 310		Under Construction	In-Service	NR	12/23/2022
345 kV Line Structure Replacement - Line 330		Under Construction	In-Service	NR	12/23/2022
345 kV Line Structure and PINCO insulator Replacement - Line 368		In-Service	In-Service	NR	12/23/2022
Branford 11J A3 Bus Replacement Project		In-Service	In-Service	NR	8/22/2021
690 Line Rebuild and Asset Condition Project		In-Service	In-Service	7/15/2021	No
115 kV Wood Pole Replacement - Line 1751		Under Construction	In-Service	NR	12/23/2022
345 kV Structure and Shield Wire Replacements - 329 Line		In-Service	In-Service	NR	2/7/2023
345 kV Structure and Shield Wire Replacements - 352 Line		In-Service	In-Service	NR	2/7/2023

Massachusetts

3419 line (portion in Massachusetts) asset condition and storm hardening. Asset condition - replace 24 wood poles H-frame with direct embed steel wood pole equivalent or wood located in MA & CT.	Under Construction	In-service	In-service	NR	1/3/2018
Crystal Lake Substation Upgrades	Under Construction	In-service	In-service	5/5/2016	10/10/2018
115 kV line 136 Falmouth Tap - West Barnstable Complete structure replacements	In-service	In-service	In-service	NR	11/25/2015
381 Line Structure Replacements	In-service	In-service	In-service	NR	11/25/2015
354 Line Structure Replacements	In-service	In-service	In-service	NR	11/25/2015

312 Line Structure Replacements	In-service	In-service	In-service	NR	11/25/2015
Doreen-Oswald Jct. 1211 115 kV Line Structure Replacement		In-service	In-service	NR	1/3/2018
Ludlow-Thorndike-Palmer (WMA portion) of the X176 115 KV Line Rebuild		In-service	In-service	NR	12/16/2016
1231/1242 Line Clearance remediation Project		In-service	In-service	NR	12/16/2016
Install a new Medway control house which is to be built to BPS standards in a location within the existing station footprint.		In-service	In-service	1/26/2016	7/17/2017
Cleary 115 kV ring bus asset replacement - replace existing ring bus with new 115 kV switching station on an adjacent site and reconnect lines and transformers		Under Construction	In-Service	NR	NR
345 kV GIS breaker replacements at Kingston Street #514		In-service	In-service	NR	5/11/2018
West Medway Substation #446 Asset Condition Upgrade		In-Service	In-Service	NR	12/1/2017
New Mt. Tom protection system control house		In-service	In-service	NR	10/16/2018
3419 line (portion in Massachusetts) asset condition and OPGW project		In-service	In-service	NR	1/3/2018
Salem Harbor Substation - 115 kV oil circuit breaker replacements		In-service	In-service	NR	NR
Scotia Street Substation Project		In-service	In-service	NR	7/17/2017
Brighton #329 115 kV Control House		In-Service	In-Service	NR	4/17/2018
345 kV 354 Line Structure Replacements		In-service	In-service	NR	10/16/2018
1231/1242 Structure Replacement Project		In-service	In-service	NR	2/15/2019
Oil Circuit Breaker Replacement Project at the Agawam Substation		In-service	In-service	NR	NR
345 kV Structure Replacement Project - Line 393		In-Service	In-Service	NR	12/16/2019
Laminated Structure Replacement Project - Line 1512		In-service	In-service	NR	2/20/2020
Laminated Structure Replacement Project - Line 1211/1161		In-service	In-service	NR	2/20/2020
NPCC Directory #1 Protection Modifications - Phase 1		In-service	In-service	NR	NR
Robinson Avenue Station #102 Asset Condition Upgrades		In-service	In-service	NR	1/29/2021 10/31/2022
349X/Y 345 kV Cable Replacement		In-Service	In-Service	10/7/2019	6/30/2020
115 kV Structure Replacement Project - Line 65-508		In-service	In-service	NR	2/19/2021

115 kV Structure Replacement Project - Line 1327		In-service	In-service	NR	NR
115 kV Structure Replacement Project - Line 1428		In-service	In-service	NR	2/19/2021
115 kV Structure Replacement Project - Line 1447		In-service	In-service	NR	NR
115 kV Structure Replacement Project - Line 1962		In-service	In-service	NR	NR
115 kV Structure Replacement Project - Line 1768-MA		In-service	In-service	NR	2/18/2021
115 kV Structure Replacement Project - Line F132		In-service	In-service	NR	2/19/2021
303 Line Asset Condition Refurbishments		In-service	In-service	NR	10/31/2022
3520 Line Asset Condition Refurbishments		In-service	In-service	NR	10/31/2022
345 kV Structure Replacement Projects - Line 336		In-service	In-service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 3361		In-service	In-service	NR	NR
345 kV Structure Replacement Projects - Line 312		In-service	In-service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 354		In-service	In-service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 381		In-service	In-service	NR	2/1/2021
345 kV Structure Replacement Project - Line 393		In-Service	In-Service	NR	2/1/2021
345 kV Structure Replacement Projects - Line 3419		In-Service	In-Service	NR	2/1/2021
115 kV Wood Pole Replacement - 1161		In-service	In-service	NR	2/2/2021 12/23/2022
115 kV Wood Pole Replacement - 1421		Under Construction	In-Service	NR	No
115 kV Wood Pole Replacement - 1512		In-Service	In-Service	NR	2/2/2021
115 kV Wood Pole and Shield Wire Replacement - 1394		In-Service	In-Service	NR	2/2/2021
115 kV Wood Pole and Shield Wire Replacement - Line 1858		In-service	In-service	NR	2/2/2021
115 kV Wood Pole and Shield Wire Replacement - 1976		In-Service	In-Service	NR	No

115 kV Granville Junction to Atwater 1853 line (formerly 1512) OPGW Project		In-Service	In-Service	NR	NR
Rebuild the Golden Hills #90 Substation		Under Construction	In-Service	NR	4/8/2022
Prior Year Wood Structure Asset Condition Replacement - Line 338 345 kV		In-service	In-service	NR	10/28/2022
Prior Year Wood Structure Asset Condition Replacement - Line 455-507 115 kV		In-service	In-service	NR	10/28/2022
345 kV Line Structure Replacement - Line 312		Under Construction	In-Service	NR	12/23/2022
345 kV Line Structure Replacement - Line 319		In-service	In-service	NR	12/23/2022
345 kV Line Structure Replacement - Line 338		In-Service	In-Service	NR	12/23/2022
115 kV Wood Pole Asset Condition Project - Line 455-507		In-Service	In-Service	NR	10/27/2022
S-145/T-146 115 kV Line Reconductoring - North Reading Substation to Wallace Substation		In-service	In-service	12/11/2020	6/2/2022
C-129N/D-130 115 kV Line Fiber Installation		In-service	In-service	NR	4/11/2022
X-176 115 kV Line Asset Condition Refurbishments		In-service	In-service	NR	4/11/2022
115 kV Structure Replacements - Line 456-522		In-Service	In-Service	NR	12/23/2022
115 kV Structure Replacements - Line 240-510		In-Service	In-Service	NR	12/23/2022
230 kV Structure Replacements - Line 342-603		In-Service	In-Service	NR	12/23/2022
478-508 & 478-509 115 kV Lines Asset Condition & OPGW		In-Service	In-Service	NR	5/31/2022
M-139/N-140 115 kV Lines Pilot Protection Schemes		In-service	In-service	NR	10/31/2022
115 kV Structure Replacements and Shield Wire - 117 Line		Proposed	In-service	NR	2/7/2023
115 kV Structure Replacements - 211-508 Line		In-service	In-service	NR	2/7/2023
115 kV Structure Replacements - 391-508 Line		In-service	In-service	NR	2/7/2023
115 kV Structure Replacements - 533-508 Line		In-service	In-service	NR	12/23/2022

Rhode Island

NPCC Directory #1 Protection Modifications - Phase 1		In-Service	In-Service	NR	NR
V-148S Asset Condition Refurbishment and Switch Replacement - RI Portion		Under Construction	In-Service	3/17/2022	2/7/2023

CANCELLED PROJECTS

NPCC Directory #1 Protection Modifications - Phase 4		Cancelled	Cancelled	NR	No
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115 kV Structure Replacement Project - Line X178		Cancelled	Cancelled	NR	No
115 kV Structure Replacement Project - Line 1191		Cancelled	Cancelled	NR	No
115 kV Structure Replacement Project - Line 1280		Cancelled	Cancelled	NR	No
115 kV Structure Replacement Project - Line 1410		Cancelled	Cancelled	NR	No
115 kV Structure Replacement Project - Line 1675		Cancelled	Cancelled	NR	No
115 kV Structure Replacement Project - Line 1756		Cancelled	Cancelled	NR	No
115 kV Wood Pole Replacement - 1751		Cancelled	Cancelled	NR	No
Chestnut Hill #702 Substation Asset Replacements		Cancelled	Cancelled	No	No

ent project is close to the threshold so this project will remain on the list.

anged when a project is placed In-service or Cancelled

resented to PAC or TOPAC. Costs are not provided

et condition issue and the solution has been presented to the P A C. Costs must be provided

nade to the PAC and the project will be added to the Asset Condition list.

ind if the cost of the PTF portion is greater than \$5M, a presentation will be made to the PAC and the proj

he PTF, a presentation will be made to the TOPAC and the project will be added to the Asset Condition lis

Mar-16 Estimate d PTF Costs	Oct-22 Estimated PTF Costs	Mar-23 Estimated PTF Costs
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	\$64,147,000	\$64,147,000
	\$9,669,000	\$14,529,000
	\$49,307,000	\$49,307,000
	\$17,476,000	\$17,476,000
	\$52,142,000	\$52,142,000
	\$5,182,000	\$5,182,000
	\$7,431,000	\$7,431,000
	\$7,066,000	\$7,066,000
	\$6,194,000	\$6,194,000
	\$5,035,000	\$5,035,000
	\$8,953,000	\$8,953,000
	\$14,800,000	\$14,800,000
	\$19,652,000	\$19,652,000
		\$72,193,000
		\$6,375,000
		\$5,634,000

1.13E+08

		\$14,966,000
		\$8,238,000

	\$37,200,000	\$37,200,000
	\$39,690,000	\$39,690,000
	\$15,240,000	\$15,240,000
	\$49,000,000	\$49,000,000
	\$20,550,000	\$20,550,000
	\$14,320,000	\$14,320,000
	\$31,280,000	\$31,280,000
		\$9,000,000

	\$69,893,000	\$69,893,000
	\$10,428,000	\$10,428,000
	\$46,838,000	\$46,838,000
	\$18,402,000	\$18,402,000
	\$41,113,000	\$41,113,000
	\$17,732,000	\$17,732,000
	\$16,612,000	\$16,612,000

	\$17,925,000	\$17,925,000
	\$14,485,000	\$14,485,000
	\$87,877,000	\$87,877,000
	\$99,072,000	\$99,072,000
	\$97,995,000	\$97,995,000
	\$325,430,000	\$325,430,000
	\$158,500,000	\$158,504,000
	\$9,780,000	\$9,780,000
	\$28,040,000	\$28,040,000
	\$69,600,000	\$69,600,000
	\$26,300,000	\$26,300,000
	\$27,840,000	\$27,840,000
	\$7,994,000	\$7,994,000
	\$56,800,000	\$56,800,000
	\$19,940,000	\$205,400,000
	\$10,290,000	\$10,155,000
		\$8,900,000
		\$19,270,000
		\$6,648,000

	\$35,190,000	\$35,190,000
	\$41,800,000	\$41,800,000

	\$26,450,000	\$26,450,000
	\$106,106,899	\$106,106,899
	\$17,422,320	\$17,422,320
	\$17,422,320	\$17,422,320
	\$21,493,614	\$21,493,614
	\$71,391,220	\$71,391,220
	\$51,963,324	\$51,963,324
	\$40,124,764	\$69,080,000
	\$40,124,764	\$69,080,000
	\$28,940,339	\$51,810,000
	\$28,940,339	\$51,810,000
	\$14,700,532	\$25,905,000
	\$14,700,532	\$25,905,000
	\$14,544,175	\$25,905,000
	\$14,544,175	\$25,905,000
	\$8,200,000	\$8,200,000
	\$24,180,000	\$23,574,000
	\$13,956,000	\$19,726,000
	\$36,000,000	\$36,000,000
	\$7,286,000	\$7,286,000

	\$16,778,000	\$16,778,000
	\$12,781,000	\$12,781,000
	\$14,534,000	\$14,534,000
	\$14,900,000	\$14,900,000
	\$5,000,000	\$5,000,000
	\$10,034,000	\$10,034,000
	\$19,300,000	\$19,300,000
	\$16,358,000	\$16,358,000
	\$8,422,000	\$12,091,000
		\$6,285,000
		\$20,730,000
		\$19,163,000
		\$6,720,000

	\$25,107,000	\$25,107,000
	\$8,493,000	\$8,493,000

		\$6,191,000

	\$42,900,000	\$42,900,000
	\$6,500,000	\$6,500,000
	\$25,950,000	\$25,950,000
	\$35,490,000	\$35,490,000
	\$9,200,000	\$9,200,000
		\$6,170,000

	\$12,400,000	\$12,400,000
	\$19,700,000	\$19,700,000
	\$68,100,000	\$68,100,000
	\$29,600,000	\$47,200,000
	\$16,700,000	\$34,500,000
	\$17,600,000	\$17,600,000
		\$159,590,000
		\$8,400,000
		\$11,600,000
		\$5,600,000
		\$50,400,000
		\$5,842,000

	\$72,900,000	\$72,900,000
	\$19,900,000	\$19,900,000

\$27,850,000	\$27,300,000	\$27,300,000
	\$158,000,000	\$158,000,000
	\$10,640,000	\$10,640,000
	\$6,600,000	\$6,600,000
	\$9,300,000	\$9,300,000
	\$9,720,000	\$8,300,000
	\$6,710,000	\$7,750,000

\$5,140,351	Cost Part of Asset Condition #5 (\$12.0)	
\$4,271,787	\$11,200,000	\$11,200,000
	\$7,835,000	\$7,835,000
	\$4,710,000	\$4,710,000
	\$5,466,000	\$5,466,000
	\$4,331,000	\$4,331,000
	\$11,154,000	\$11,154,000

	\$11,702,000	\$11,702,000
	\$15,235,000	\$15,235,000
	\$14,453,000	\$14,453,000
	\$16,255,000	\$16,255,000
	\$17,858,000	\$17,858,000
	\$87,421,778	\$87,421,778
	Part of Project #85	
	Part of Project #85	
	\$8,292,000	\$8,292,000
	\$6,168,000	\$6,168,000
	\$9,400,000	\$9,400,000
	\$8,665,000	\$8,665,000
	\$16,992,000	\$16,992,000
	\$6,884,000	\$6,884,000

	\$3,630,000	\$3,630,000
	\$13,631,000	\$13,631,000
	\$10,995,000	\$10,995,000
	\$11,589,000	\$11,589,000
	\$6,590,000	\$6,590,000
	\$14,408,000	\$14,408,000
	\$17,313,000	\$17,313,000
	\$6,403,000	\$6,403,000
	\$10,048,000	\$10,048,000
	\$7,530,000	\$7,530,000
	\$7,404,000	\$7,404,000
	\$4,100,000	\$4,100,000
	\$16,240,000	\$16,240,000
	\$3,809,000	\$3,809,000
	\$29,740,000	\$29,740,000
	\$8,475,000	\$8,475,000
	\$12,145,000	\$12,145,000
	\$6,750,000	\$6,750,000
	\$5,044,000	\$5,044,000
	\$23,310,000	\$23,310,000
	\$6,994,000	\$6,994,000

	\$6,081,000	\$6,081,000
	\$53,501,000	\$53,501,000
	\$9,351,000	\$9,351,000
	\$6,051,000	\$6,051,000
	\$12,632,000	\$12,632,000
	\$19,300,000	\$19,300,000
	\$16,503,000	\$16,503,000
	\$24,646,000	\$24,646,000
	\$23,443,000	\$23,443,000
	\$13,105,000	\$13,105,000
	\$10,114,000	\$10,114,000
	\$19,113,000	\$19,113,000
	\$7,541,000	\$7,541,000
	\$7,342,000	\$7,342,000
	\$6,024,000	\$6,024,000
	\$8,020,000	\$8,020,000

\$6,500,000	\$6,437,000	\$6,437,000
	Cost part of Asset Condition #1	
	\$11,240,000	\$11,240,000

	\$330,000	\$330,000
	\$13,050,000	\$13,050,000
	\$5,919,000	\$5,919,000
	\$6,467,000	\$6,467,000
	\$9,350,000	\$9,350,000
	Cost part of Asset Condition #38	
	\$7,551,000	\$7,551,000
	\$27,560,000	\$27,560,000
	\$15,884,000	\$15,884,000
	\$18,545,000	\$18,545,000
	\$3,700,000	\$3,700,000
	\$48,322,000	\$48,322,000
	\$54,964,000	\$54,964,000
	\$6,353,000	\$6,353,000
	\$5,868,000	\$5,868,000
	\$14,994,000	\$14,994,000
	\$7,462,000	\$7,462,000
	\$13,695,000	\$13,695,000
	\$19,393,000	\$19,393,000
	\$14,220,000	\$14,220,000
	\$12,807,000	\$12,807,000
	\$13,492,000	\$13,492,000
	\$13,771,000	\$13,771,000

	\$9,594,000	\$9,594,000
	\$8,276,000	\$8,276,000
	\$10,151,000	\$10,151,000
	\$52,500,000	\$52,500,000
	\$18,132,000	\$18,132,000
	\$7,887,000	\$7,887,000
	\$4,342,676	\$4,342,676
	\$8,182,000	\$8,182,000
	\$6,959,000	\$6,959,000
	\$7,230,000	\$7,230,000
	\$9,959,000	\$9,959,000
	\$23,854,000	\$23,854,000
	\$8,299,000	\$8,299,000
	\$6,928,000	\$6,928,000
	\$9,095,000	\$9,095,000
	\$9,993,000	\$9,993,000
	\$5,608,000	\$5,608,000
	\$16,272,000	\$16,272,000
	\$7,743,000	\$7,743,000
	\$4,467,000	\$4,467,000
	\$6,076,000	\$6,076,000
	\$13,122,000	\$13,122,000

	\$5,426,000	\$5,426,000
	\$5,250,000	\$5,250,000
	\$8,247,000	\$8,247,000
	\$8,811,000	\$8,811,000
	\$10,328,000	\$10,328,000
	\$8,113,000	\$8,113,000
	\$8,968,000	\$8,968,000
	\$7,586,000	\$7,586,000
	\$5,780,000	\$5,780,000
	\$16,597,000	\$16,597,000
	\$24,079,000	\$24,079,000
	\$19,740,000	\$19,740,000
	\$6,481,000	\$6,481,000
	\$17,126,000	\$17,126,000
	\$15,110,000	\$15,110,000
	\$12,842,000	\$12,842,000
	\$5,088,000	\$5,088,000
	\$16,355,000	\$16,355,000
	\$7,077,000	\$7,077,000
	\$22,083,000	\$22,083,000
	\$18,090,000	\$18,090,000
	\$9,737,000	\$9,737,000

	\$7,523,000	\$7,523,000
	\$11,131,000	\$11,131,000
	\$7,663,000	\$7,663,000
	\$11,111,000	\$11,111,000
	\$8,170,000	\$8,170,000
	\$8,273,000	\$8,273,000
	\$5,394,000	\$5,394,000
	\$9,577,000	\$9,577,000
	\$2,422,000	\$2,422,000
	\$14,826,000	\$14,826,000
	\$8,353,000	\$8,353,000
	\$7,100,000	\$7,100,000
	\$7,626,000	\$7,626,000
	\$8,767,000	\$8,767,000
	\$13,877,000	\$13,877,000
	\$24,469,000	\$24,469,000
	\$3,800,000	\$3,800,000
	\$16,556,000	\$16,556,000
	\$8,226,000	\$8,226,000
	\$7,450,000	\$7,450,000
	\$21,298,000	\$21,298,000

	\$13,949,000	\$13,949,000
	\$22,929,000	\$22,929,000
	\$38,054,000	\$38,054,000
	\$9,362,000	\$9,362,000
	\$5,925,000	\$5,925,000
	\$5,998,000	\$5,998,000
	\$9,611,000	\$9,611,000
	\$8,770,000	\$8,770,000
	\$61,333,000	\$61,333,000
	\$8,039,000	\$10,248,000
	\$9,860,000	\$9,860,000
	\$10,322,000	\$10,322,000
	\$11,045,000	\$11,045,000
	\$28,794,000	\$28,794,000
	\$6,242,000	\$6,927,000
	\$5,782,000	\$5,782,000

\$14,500,000	\$11,014,000	\$11,014,000
\$6,950,000	\$7,630,000	\$7,630,000
\$20,270,000	\$20,270,000	\$20,270,000
\$14,150,000	\$14,150,000	\$14,150,000
\$13,517,000	\$13,517,000	\$13,517,000

\$8,125,000	\$8,125,000	\$8,125,000
	\$14,800,000	\$14,800,000
	\$6,500,000	\$6,500,000
	\$13,804,000	\$13,804,000
	\$12,287,000	\$12,287,000
	\$4,700,000	\$6,000,000
	\$22,208,000	\$22,208,000
	\$18,870,000	\$18,870,000
	\$6,657,000	\$6,657,000
	\$13,421,000	\$13,421,000
	\$4,600,000	\$4,600,000
	\$21,060,000	\$21,060,000
	\$21,000,000	\$21,000,000
	\$10,148,000	\$10,148,000
	\$10,860,000	\$10,860,000
	\$4,700,000	\$4,700,000
	\$17,190,000	\$17,190,000
	\$15,100,000	\$15,100,000
	\$12,985,000	\$12,985,000
	\$2,908,881	\$2,908,881
	\$18,020,000	\$18,020,000
	\$72,430,000	\$72,430,000
	\$14,043,000	\$14,043,000

	\$3,774,000	\$3,774,000
	\$7,487,000	\$7,487,000
	\$4,332,000	\$4,332,000
	\$4,400,000	\$4,400,000
	Part of Asset Condition #142	
	\$14,772,000	\$14,772,000
	\$22,472,000	\$22,472,000
	\$5,618,000	\$5,618,000
	\$6,021,000	\$6,021,000
	\$4,992,951	\$4,992,951
	\$41,300,000	\$41,300,000
	\$20,900,000	\$20,900,000
	\$12,358,000	\$12,358,000
	\$9,842,000	\$9,842,000
	\$26,175,000	\$26,175,000
	\$24,992,000	\$24,992,000
	\$22,656,000	\$22,656,000
	\$10,800,000	\$10,800,000
	\$8,877,000	\$8,877,000
	\$11,340,000	\$11,340,000
	\$9,688,000	\$9,688,000

	\$4,800,000	\$4,800,000
	\$10,180,000	\$10,180,000
	\$5,804,000	\$5,804,000
	\$10,296,000	\$10,296,000
	\$21,160,000	\$26,739,000
	\$7,838,000	\$7,838,000
	\$8,700,000	\$8,700,000
	\$5,191,000	\$5,191,000
	\$21,885,000	\$21,885,000
	\$11,220,000	\$11,220,000
	\$18,520,000	\$18,520,000
	\$5,672,000	\$5,672,000
	\$11,636,000	\$11,636,000
	\$5,451,000	\$5,451,000
	\$5,866,000	\$5,866,000
	\$9,400,000	\$10,560,000
	\$5,880,000	\$5,880,000
	\$5,800,000	\$5,800,000
	\$5,000,000	\$5,000,000
	\$5,000,000	\$5,000,000

	\$1,174,157	\$1,174,157
	\$14,590,000	\$14,580,000

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	\$11,200,000	\$11,200,000
	\$8,300,000	\$8,300,000
	\$7,500,000	\$7,500,000
	\$5,800,000	\$5,800,000
	\$7,300,000	\$7,300,000
	Part of Asset Condition #227	
	\$10,750,000	\$10,750,000

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ject will be added to the Asset Condition list.
 it. There is no requirement to discuss the project with the PAC.

Primary Driver	Section #	Asset Condition ID	State	Primary Equipment Owner	Other Equipment Owner(s)	Footnote Number
Asset Condition	1a	1	MA	Eversource		
Asset Condition	1a	2	MA	National Grid, USA		
Asset Condition	1a	3	VT	Vermont Electric Power Company		
Asset Condition	1a	4	NH	New Hampshire Transmission		
Asset Condition	1a	5	NH	New Hampshire Transmission		
Asset Condition	1a	6	CT	Eversource		
Asset Condition	1a	7	MA	Eversource		
Asset Condition	1a	8	MA	Eversource		
Asset Condition	1a	9	MA	Eversource		
Asset Condition	1a	10	MA	Eversource		
Asset Condition	1a	11	VT	Vermont Electric Power Company		
Asset Condition	1a	12	MA	Eversource		
Asset Condition	1a	13	MA	Eversource		
Asset Condition	1a	14	MA	Eversource		
Asset Condition	1a	15	MA	Eversource		
Asset Condition	1a	16	CT	Eversource		
Asset Condition	1a	17	CT	United Illuminating Company		
Asset Condition	1a	18	CT	United Illuminating Company		
Asset Condition	1a	19	CT	United Illuminating Company		
Asset Condition	1a	20	CT	United Illuminating Company		
Asset Condition	1a	21	CT	United Illuminating Company		
Asset Condition	1a	22	CT	United Illuminating Company		
Asset Condition	1a	23	ME	MEPCO		
Asset Condition	1a	24	ME	MEPCO		

Asset Condition	1a	25	MA	Taunton Municipal Light Plant		
Asset Condition	1a	26	MA	Eversource		
Asset Condition	1a	27	MA	Eversource		
Asset Condition	1a	28	MA	Eversource		
Asset Condition	1a	29	CT	Eversource		
Asset Condition	1a	30	CT	Eversource		
Asset Condition	1a	31	MA	Eversource		
Asset Condition	1a	32	MA	Eversource		
Asset Condition	1a	33	CT	Eversource		
Asset Condition	1a	34	CT	Eversource		
Asset Condition	1a	35	NH	Eversource		
Asset Condition	1a	36	NH	Eversource		
Asset Condition	1a	37	MA	Eversource		
Asset Condition	1a	38	MA	Eversource		
Asset Condition	1a	39	CT	Eversource		
Asset Condition	1a	40	MA	National Grid, USA		1
Asset Condition	1a	41	MA	Eversource		
Asset Condition	1a	42	MA	Eversource		
Asset Condition	1a	43	MA	Eversource		
Asset Condition	1a	44	MA	Eversource		
Asset Condition	1a	45	MA	Eversource		
Asset Condition	1a	46	CT	Eversource		
Asset Condition	1a	47	CT	Eversource		
Asset Condition	1a	48	CT	Eversource		
Asset Condition	1a	49	CT	Eversource		
Asset Condition	1a	50	CT	Eversource		
Asset Condition	1a	51	NH	Eversource		
Asset Condition	1a	52	NH	Eversource		
Asset Condition	1a	53	MA	National Grid, USA		

Asset Condition	1a	54	RI	National Grid, USA		
Asset Condition	1a	55	NH	Eversource		
Asset Condition	1a	56	NH	Eversource		
Asset Condition	1a	57	NH	Eversource		
Asset Condition	1a	58	NH	Eversource		
Asset Condition	1a	59	NH	Eversource		
Asset Condition	1a	60	NH	Eversource		
Asset Condition	1a	61	MA	Eversource		
Asset Condition	1a	62	MA	Eversource		
Asset Condition	1a	63	MA	Eversource		
Asset Condition	1a	64	MA	Eversource		
Asset Condition	1a	65	MA	Eversource		
Asset Condition	1a	66	MA	Eversource		
Asset Condition	1a	67	CT	Eversource		
Asset Condition	1a	68	CT	Eversource		
Asset Condition	1a	69	CT	Eversource		
Asset Condition	1a	70	CT	Eversource		
Asset Condition	1a	71	CT	Eversource		
Asset Condition	1a	72	CT	Eversource		
Asset Condition	1a	73	CT	Eversource		
Asset Condition	1a	74	CT	Eversource		
Asset Condition	1a	75	CT	Eversource		
Asset Condition	1a	76	CT	Eversource		
Asset Condition	1a	77	CT	Eversource		
Asset Condition	1a	78	CT	Eversource		
Asset Condition	1a	79	CT	Eversource		
Asset Condition	1a	80	CT	Eversource		
Asset Condition	1a	81	CT	Eversource		
Asset Condition	1a	82	CT	Eversource		
Asset Condition	1a	83	CT	Eversource		
Asset Condition	1b	84	CT	Eversource		

Asset Condition	1a	85	NH	New Hampshire Transmission		
Asset Condition	1a	86	NH	New Hampshire Transmission		
Asset Condition	1a	87	NH	New Hampshire Transmission		
Asset Condition	1a	88	MA	National Grid, USA		
Asset Condition	1a	89	CT	Eversource		
Asset Condition	1a	90	MA	Eversource		
Asset Condition	1a	91	CT	United Illuminating Company		
Asset Condition	1a	92	MA	National Grid, USA		
Asset Condition	1b	93	VT	National Grid, USA		
Asset Condition	1b	94	MA	National Grid, USA		
Asset Condition	1b	95	MA	National Grid, USA		
Asset Condition	1b	96	MA	National Grid, USA		
Asset Condition	1b	97	NH	National Grid, USA		
Asset Condition	1b	98	RI	Rhode Island Energy		
Asset Condition	1b	99	RI	Rhode Island Energy		
Asset Condition	1a	100	NH	Eversource		
Asset Condition	1a	101	NH	Eversource		

Asset Condition	1a	102	NH	Eversource		
Asset Condition	1a	103	NH	Eversource		
Asset Condition	1a	104	NH	Eversource		
Asset Condition	1a	105	NH	Eversource		
Asset Condition	1b	106	NH	Eversource		
Asset Condition	1a	107	MA	Eversource		
Asset Condition	1a	108	MA	Eversource		
Asset Condition	1a	109	MA	Eversource		
Asset Condition	1a	110	MA	Eversource		
Asset Condition	1a	111	MA	Eversource		
Asset Condition	1a	112	MA	Eversource		
Asset Condition	1a	113	MA	Eversource		
Asset Condition	1a	114	MA	Eversource		
Asset Condition	1a	115	CT	Eversource		
Asset Condition	1a	116	CT	Eversource		
Asset Condition	1a	117	CT	Eversource		
Asset Condition	1b	118	CT	Eversource		
Asset Condition	1a	119	CT	Eversource		
Asset Condition	1a	120	CT	Eversource		
Asset Condition	1b	121	CT	Eversource		
Asset Condition	1a	122	CT	Eversource		
Asset Condition	1b	123	CT	Eversource		
Asset Condition	1a	124	CT	Eversource		
Asset Condition	1a	125	CT	Eversource		
Asset Condition	1a	126	CT	Eversource		
Asset Condition	1a	127	CT	Eversource		
Asset Condition	1a	128	CT	Eversource		
Asset Condition	1a	129	CT	Eversource		
Asset Condition	1a	130	CT	Eversource		
Asset Condition	1a	131	CT	Eversource		
Asset Condition	1b	132	CT	Eversource		

Asset Condition	1a	133	CT	Eversource		
Asset Condition	1a	134	CT	Eversource		
Asset Condition	1a	135	CT	Eversource		
Asset Condition	1a	136	CT	Eversource		
Asset Condition	1a	137	CT	Eversource		
Asset Condition	1a	138	CT	Eversource		
Asset Condition	1a	139	CT	Eversource		
Asset Condition	1a	140	CT	Eversource		
Asset Condition	1a	141	CT	Eversource		
Asset Condition	1a	142	CT	Eversource		
Asset Condition	1a	143	CT	Eversource		
Asset Condition	1a	144	CT	Eversource		
Asset Condition	1a	145	MA	National Grid, USA		
Asset Condition	1a	146	MA	National Grid, USA		
Asset Condition	1a	147	MA	National Grid, USA		
Asset Condition	1a	148	MA	National Grid, USA		
Asset Condition	1a	149	MA	National Grid, USA		
Asset Condition	1a	150	RI	Rhode Island Energy		
Asset Condition	1a	151	CT	United Illuminating Company		
Asset Condition	1a	152	CT	United Illuminating Company		
Asset Condition	1a	153	CT	United Illuminating Company		
Asset Condition	1a	154	CT	United Illuminating Company		
Asset Condition	1a	155	CT	United Illuminating Company		
Asset Condition	1a	156	CT	United Illuminating Company		

Asset Condition	1a	157	CT	United Illuminating Company		
Asset Condition	1a	158	CT	United Illuminating Company		
Asset Condition	1a	159	CT	United Illuminating Company		
Asset Condition	1a	160	CT	United Illuminating Company		
Asset Condition	1a	161	CT	United Illuminating Company		
Asset Condition	1a	162	CT	United Illuminating Company		
Asset Condition	1a	163	CT	Eversource		
Asset Condition	1a	164	CT	Eversource		
Asset Condition	1b	165	CT	Eversource		
Asset Condition	1a	166	CT	Eversource		
Asset Condition	1a	167	CT	Eversource		
Asset Condition	1a	168	CT	Eversource		
Asset Condition	1a	169	CT	Eversource		
Asset Condition	1a	170	CT	Eversource		
Asset Condition	1a	171	CT	Eversource		
Asset Condition	1a	172	CT	Eversource		
Asset Condition	1a	173	CT	Eversource		
Asset Condition	1a	174	CT	Eversource		
Asset Condition	1a	175	CT	Eversource		
Asset Condition	1a	176	CT	Eversource		
Asset Condition	1a	177	CT	Eversource		
Asset Condition	1a	178	CT	Eversource		
Asset Condition	1a	179	MA	Eversource		
Asset Condition	1a	180	MA	Eversource		
Asset Condition	1a	181	MA	Eversource		
Asset Condition	1a	182	MA	Eversource		
Asset Condition	1b	183	MA	Eversource		

Asset Condition	1a	184	MA	Eversource		
Asset Condition	1b	185	MA	Eversource		
Asset Condition	1a	186	NH	Eversource		
Asset Condition	1a	187	NH	Eversource		
Asset Condition	1a	188	NH	Eversource		
Asset Condition	1a	189	NH	Eversource		
Asset Condition	1a	190	NH	Eversource		
Asset Condition	1a	191	NH	Eversource		
Asset Condition	1a	192	NH	Eversource		
Asset Condition	1a	193	CT	Eversource		
Asset Condition	1a	194	MA	Eversource		
Asset Condition	1a	195	VT	Vermont Electric Power Company		
Asset Condition	1a	196	VT	Vermont Electric Power Company		
Asset Condition	1a	197	CT	United Illuminating Company		
Asset Condition	1a	198	NH	Eversource		
Asset Condition	1a	199	NH	Eversource		
Asset Condition	1a	200	NH	Eversource		
Asset Condition	1a	201	NH	Eversource		
Asset Condition	1b	202	NH	Eversource		
Asset Condition	1a	203	NH	Eversource		
Asset Condition	1b	204	NH	Eversource		
Asset Condition	1a	205	NH	Eversource		
Asset Condition	1a	206	NH	Eversource		
Asset Condition	1a	207	MA	Eversource		
Asset Condition	1a	208	MA	Eversource		
Asset Condition	1a	209	MA	Eversource		
Asset Condition	1a	210	MA	Eversource		
Asset Condition	1a	211	MA	Eversource		
Asset Condition	1a	212	MA	Eversource		
Asset Condition	1b	213	CT	Eversource		

Asset Condition	1a	214	CT	Eversource		
Asset Condition	1a	215	CT	Eversource		
Asset Condition	1a	216	CT	Eversource		
Asset Condition	1a	217	CT	Eversource		
Asset Condition	1b	218	CT	Eversource		
Asset Condition	1a	219	CT	Eversource		
Asset Condition	1a	220	CT	Eversource		
Asset Condition	1a	221	CT	Eversource		
Asset Condition	1a	222	CT	Eversource		
Asset Condition	1a	223	CT	Eversource		
Asset Condition	1a	224	CT	Eversource		
Asset Condition	1a	225	CT	Eversource		
Asset Condition	1b	226	CT	Eversource		
Asset Condition	1a	227	CT	Eversource		
Asset Condition	1a	228	CT	Eversource		
Asset Condition	1a	229	CT	Eversource		
Asset Condition	1a	230	CT	Eversource		
Asset Condition	1a	231	CT	Eversource		
Asset Condition	1a	232	VT	Vermont Electric Power Company		
Asset Condition	1a	233	VT	Vermont Electric Power Company		
Asset Condition	1b	234	MA	National Grid, USA		
Asset Condition	1a	235	VT	National Grid, USA		
Asset Condition	1b	236	MA	National Grid, USA		
Asset Condition	1a	237	MA	National Grid, USA		
Asset Condition	1b	238	MA	Eversource		
Asset Condition	1a	239	CT	United Illuminating Company		
Asset Condition	1a	240	MA	National Grid, USA		
Asset Condition	1a	241	CT	Eversource		
Asset Condition	1a	242	CT	Eversource		
Asset Condition	1a	243	CT	Eversource		
Asset Condition	1a	244	CT	Eversource		
Asset Condition	1a	245	CT	Eversource		

Asset Condition	1a	246	CT	Eversource		
Asset Condition	1a	247	CT	Eversource		
Asset Condition	1a	248	MA	Eversource		
Asset Condition	1a	249	MA	Eversource		
Asset Condition	1a	250	MA	Eversource		
Asset Condition	1a	251	MA	Eversource		
Asset Condition	1b	252	MA	Eversource		
Asset Condition	1a	253	MA	Eversource		
Asset Condition	1b	254	MA	Eversource		
Asset Condition	1b	255	CT	Eversource		
Asset Condition	1b	256	CT	Eversource		
Asset Condition	1a	257	CT	Eversource		
Asset Condition	1b	258	CT	Eversource		
Asset Condition	1b	259	CT	Eversource		
Asset Condition	1a	260	CT	Eversource		
Asset Condition	1a	261	CT	Eversource		
Asset Condition	1a	262	CT	Eversource		
Asset Condition	1a	263	CT	Eversource		
Asset Condition	1a	264	CT	Eversource		
Asset Condition	1a	265	CT	Eversource		
Asset Condition	1a	266	CT	Eversource		
Asset Condition	1a	267	CT	Eversource		
Asset Condition	1a	268	CT	Eversource		
Asset Condition	1a	269	CT	Eversource		
Asset Condition	1a	270	MA	National Grid, USA		
Asset Condition	1a	271	MA	National Grid, USA		
Asset Condition	1a	272	RI	Rhode Island Energy		
Asset Condition	1a	273	NH	Eversource		
Asset Condition	1b	274	NH	Eversource		
Asset Condition	1a	275	NH	Eversource		

Asset Condition	1a	276	NH	Eversource		
Asset Condition	1a	277	NH	Eversource		
Asset Condition	1a	278	NH	Eversource		
Asset Condition	1a	279	NH	Eversource		
Asset Condition	1a	280	NH	Eversource		
Asset Condition	1a	281	NH	Eversource		
Asset Condition	1a	282	NH	Eversource		
Asset Condition	1a	283	VT	Vermont Electric Power Company		
Asset Condition	1a	284	VT	Vermont Electric Power Company		
Asset Condition	1a	285	VT	Vermont Electric Power Company		
Asset Condition	1a	286	NH	Eversource		
Asset Condition	1a	287	NH	Eversource		
Asset Condition	1a	288	NH	Eversource		
Asset Condition	1a	289	NH	Eversource		
Asset Condition	1a	290	NH	Eversource		
Asset Condition	1a	291	NH	Eversource		
Asset Condition	1a	292	CT	Eversource		
Asset Condition	1b	293	MA	Eversource		
Asset Condition	1a	294	MA	National Grid, USA		
Asset Condition	1a	295	MA	National Grid, USA		
Asset Condition	1a	296	MA	National Grid, USA		
Asset Condition	1a	297	MA	Eversource		
Asset Condition	1a	298	NH	Eversource		
Asset Condition	1a	299	MA	Eversource		
Asset Condition	1a	300	MA	Eversource		
Asset Condition	1b	301	MA	Eversource		
Asset Condition	1a	302	CT	Eversource		
Asset Condition	1a	303	CT	Eversource		
Asset Condition	1a	304	MA	Eversource		
Asset Condition	1a	305	VT	Vermont Electric Power Company		
Asset Condition	1a	306	MA	National Grid, USA		

Asset Condition	1a	307	MA	National Grid, USA		
Asset Condition	1a	308	NH	National Grid, USA		
Asset Condition	1a	309	CT	Eversource		
Asset Condition	1a	310	CT	Eversource		
Asset Condition	1a	311	CT	Eversource		
Asset Condition	1a	312	CT	Eversource		
Asset Condition	1a	313	CT	Eversource		
Asset Condition	1a	314	CT	Eversource		
Asset Condition	1a	315	MA	Eversource		
Asset Condition	1b	316	MA	Eversource		
Asset Condition	1b	317	MA	Eversource		
Asset Condition	1b	318	MA	Eversource		
Asset Condition	1b	319	MA	Eversource		
Asset Condition	1b	320	MA	Eversource		
Asset Condition	1a	321	NH	Eversource		
Asset Condition	1a	322	NH	Eversource		
Asset Condition	1a	323	NH	Eversource		
Asset Condition	1a	324	NH	Eversource		
Asset Condition	1a	325	NH	Eversource		
Asset Condition	1a	326	NH	Eversource		
Asset Condition	1a	327	NH	Eversource		
Asset Condition	1b	328	MA	National Grid, USA		
Asset Condition	1a	329	MA	Eversource		
Asset Condition	1a	330	VT	Vermont Electric Power Company		
Asset Condition	1a	331	VT	Vermont Electric Power Company		
Asset Condition	1a	332	VT	Vermont Electric Power Company		
Asset Condition	1a	333	MA	National Grid, USA		
Asset Condition	1a	334	MA	National Grid, USA		
Asset Condition	1a	335	RI	Rhode Island Energy		
Asset Condition	1b	336	MA	National Grid, USA		
Asset Condition	1b	337	MA	National Grid, USA		
Asset Condition	1b	338	CT	Eversource		
Asset Condition	1b	339	MA	Eversource		

Asset Condition	1a	340	MA	Eversource		
Asset Condition	1a	341	NH	Eversource		
Asset Condition	1a	342	NH	Eversource		
Asset Condition	1a	343	NH	Eversource		
Asset Condition	1a	344	NH	Eversource		
Asset Condition	1a	345	NH	Eversource		
Asset Condition	1a	346	NH	Eversource		
Asset Condition	1a	347	NH	Eversource		
Asset Condition	1a	348	NH	Eversource		
Asset Condition	1a	349	NH	Eversource		
Asset Condition	1a	350	VT	Vermont Electric Power Company		
Asset Condition	1a	351	NH	Eversource		
Asset Condition	1b	352	CT	Eversource		
Asset Condition	1a	353	MA	National Grid, USA		
Asset Condition	1b	354	MA	National Grid, USA		
Asset Condition	1a	355	CT	Eversource		
Asset Condition	1b	356	CT	Eversource		
Asset Condition	1a	357	CT	Eversource		
Asset Condition	1b	358	CT	Eversource		
Asset Condition	1a	359	CT	Eversource		
Asset Condition	1a	360	CT	Eversource		
Asset Condition	1b	361	CT	Eversource		
Asset Condition	1b	362	CT	Eversource		
Asset Condition	1b	363	CT	Eversource		
Asset Condition	1a	364	MA	Eversource		
Asset Condition	1a	365	MA	Eversource		
Asset Condition	1a	366	NH	Eversource		
Asset Condition	1a	367	NH	Eversource		
Asset Condition	1a	368	NH	Eversource		
Asset Condition	1b	369	NH	Eversource		
Asset Condition	1a	370	NH	Eversource		

Projected In-Service Month/Year	Asset Condition Grouping	Description	Mar-16 Status
06/2016		3419 line (portion in Massachusetts) asset condition and storm hardening. Asset condition - replace 24 wood poles H-frame with direct embed steel wood pole equivalent or wood located in MA &	Under Construction
10/2016	Crystal Lake Substation Upgrades	Crystal Lake Substation Upgrades	Under Construction
05/2017	Essex STATCOM Refurbishment	Replace Essex STATCOM power electronics and controls	Proposed
11/2016	Seabrook 345 kV GIS Breaker Removal and Bus Upgrade	Phase 1 - Remove Breaker 22, remove Bus 4 and upgrade sections of Bus 2	Proposed
11/2017	Seabrook 345 kV GIS Breaker Removal and Bus Upgrade	Phase 2 - Remove Breaker 11 and upgrade sections of Bus 1	Proposed
09/2014		1570 line clearance remediation. Devon S/S to Beacon Falls S/S. 31 conductor span locations were found to have NESC clearance discrepancies	In-service
12/2015		115 kV line 136 Falmouth Tap - West Barnstable Complete structure replacements	In-service
05/2015		381 Line Structure Replacements	In-service
12/2015		354 Line Structure Replacements	In-service
07/2014		312 Line Structure Replacements	In-service
12/2018	Structure Condition Improvement	Replacement of 115 kV, 230 kV and 345 kV structures as part of the VELCO asset maintenance activities addressing our aging and degrading transmission line infrastructure. 100 to 300 structures	
07/2017		Doreen-Oswald Jct. 1211 115 kV Line Structure Replacement	
01/2017		Ludlow-Thorndike-Palmer (WMA portion) of the X176 115 kV Line Rebuild	
12/2015		1231/1242 Line Clearance remediation Project	
05/2019		Install a new Medway control house which is to be built to BPS standards in a location within the existing station footprint.	
06/2016		3419 line (portion in Connecticut) asset condition and storm hardening. Asset conditon - replace 24 wood poles H-frame with direct embed steel wood pole equivalent or wood located in MA &	
06/2020		East Shore 345 kV circuit switcher replacement project. Replace 345 kV circuit switchers with dead tank breakers	
06/2020	UI Coastal Substation Flood Mitigation Study Project	East Shore - Raising Impacted 115 kV Equipment	
09/2023	UI Coastal Substation Flood Mitigation Study Project	Congress 115 kV Substation Flood Wall	
04/2024	UI Coastal Substation Flood Mitigation Study Project	Grand Avenue - Mill River 115 kV Substation Flood Wall	
04/2024	UI Coastal Substation Flood Mitigation Study Project	Singer 345kV Substation Flood Wall	
09/2024	UI Coastal Substation Flood Mitigation Study Project	Pequonnock 115kV Substation rebuild with a new substation adjacent to the existing one	
06/2019		Section 388 & 3023 Structure Replacement	
09/2020		Section 396 & 3001 Structure Replacement	

12/2022		Cleary 115 kV ring bus asset replacement - replace existing ring bus with new 115 kV switching station on an adjacent site and reconnect lines and transformers	
12/2023		Rebuild Bourne Substation as a breaker and one half scheme	
12/2023		Kingston Substation #735 Asset Condition Replacement	
06/2023		115 kV GIS breaker replacement at Kingston Street #514 Substation	
09/2017		1620/1975 line structure replacement	
12/2016		3424 line Asset Condition and Storm Hardening	
05/2016		345 kV GIS breaker replacements at Kingston Street #514	
12/2020		West Medway Substation #446 Asset Condition Upgrade	
06/2017		1410 and 100 Line Structure Replacements	
12/2018		Devon Control House Modifications	
06/2017		Scobie Pond TB30 345/115 kV transformer replacement project	
03/2018		Install two 40 MVAR reactors on the Scobie 115 kV bus, to accommodate the loss of the reactors connected on the 13.8 kV tertiary winding of the TB30 transformer	
11/2018		New Mt. Tom protection system control house	
12/2017		3419 line (portion in Massachusetts) asset condition and OPGW project	
11/2017		3419 line (portion in Connecticut) asset condition and OPGW project	
05/2018		Salem Harbor Substation - 115 kV oil circuit breaker replacements	
06/2013		Scotia Street Substation Project	
12/2020		Brighton #329 115 kV Control House	
06/2023		K Street #385 115 kV Control House	
12/2026		Mystic #250 115 kV Control House	
07/2018		345 kV 354 Line Structure Replacements	
12/2017		Southern CT Loop Line Structure Replacements - 1261/1598 115 kV	
05/2019		Southern CT Loop Line Structure Replacements - 1342 115 kV	
07/2018		Southern CT Loop Line Structure Replacements - 1508 115 kV	
01/2020		Southern CT Loop Line Structure Replacements - 1655 115 kV	
11/2019	Eversource Energy Autotransformer Replacement Plan	Replace the Card 11F-5X autotransformer. Foundation and bus upgrades to accommodate new transformer specifications	
07/2018	Eversource Energy Autotransformer Replacement Plan	Replace the Deerfield TB-14 autotransformer and bus upgrades to accommodate new transformer specifications	
11/2018	Eversource Energy Autotransformer Replacement Plan	Replace the Littleton TB-41 autotransformer and bus upgrades to accommodate new transformer specifications	
09/2025	NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 2	

12/2019	NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 1	
07/2018		345 kV Structure Replacement Project - Line 307	
08/2018		345 kV Structure Replacement Project - Line 326	
11/2018		345 kV Structure Replacement Project - Line 367	
11/2018		345 kV Structure Replacement Project - Line 379	
12/2018		345 kV Structure Replacement Project - Line 381	
12/2018		345 kV Structure Replacement Project - Line 391	
09/2017		1231/1242 Structure Replacement Project	
12/2018		Oil Circuit Breaker Replacement Project at the Agawam Substation	
12/2023		Lexington Station #320 Asset Condition Upgrade Project	
03/2021		345 kV Structure Replacement Project - Line 393	
06/2020		Laminated Structure Replacement Project - Line 1512	
05/2019		Laminated Structure Replacement Project - Line 1211/1161	
05/2022		Manchester Control House Expansion	
04/2019		Card-Montville-Tunnel Corridor Asset Condition and OPGW Installation Project	
12/2018		Oil Circuit Breaker Replacement Project at the Frost Bridge Substation	
04/2020		Oil Circuit Breaker Replacement Project at the Plumtree Substation	
12/2018		345 kV Structure Replacement Project - Line 310	
12/2018		345 kV Structure Replacement Project - Line 321	
11/2018		345 kV Structure Replacement Project - Line 330	
12/2018		345 kV Structure Replacement Project - Line 348	
12/2018		345 kV Structure Replacement Project - Line 364	
05/2020		345 kV Structure Replacement Project - Line 371	
12/2018		345 kV Structure Replacement Project - Line 383	
12/2018		345 kV Structure Replacement Project - Line 387	
05/2018		345 kV Structure Replacement Project - Line 398	
07/2018		345 kV Structure Replacement Project - Line 3041	
09/2018		345 kV Structure Replacement Project - Line 3642	
05/2020		Laminated Structure Replacement Project - Line 1505/1607	
05/2020		Laminated Structure Replacement Project - Line 1675/1080	
12/2018		Laminated Structure Replacement Project - Line 1921	

12/2019	Seabrook 345 kV GIS Switchyard Like-for Like Equipment Replacement	Phase 1 of multi-phase project involving like for like equipment replacement. Phase 1 included replacing three approximately 1,000 ft. long horizontal gas-insulated lines (GIL) comprising the three phases of the 345kV Seabrook-to-Timberswamp 369 line. Post-top insulators for the 369 line located in the open-air to GIS transition yard were also replaced. A bridge covering the GILs where they go below grade and then resurface upon entering the fenced-in Protected Area where the GIS Switchyard is located was replaced during this phase.	
11/2020	Seabrook 345 kV GIS Switchyard Phase 2 Equipment Replacement Part of Asset Condition #85	Phase 2 of multi-phase project involving like for like equipment replacement. Phase 2 includes replacing three approximately 1,000 ft. long horizontal gas-insulated lines (GIL) comprising the three phases of the 345 kV Seabrook-Scobie Pond 363 line, and replacing two GIS 345 kV Circuit Breakers and related switches that are the 363 line termination equipment. Post-top insulators for the 363 line located in the open-air to GIS transition yard will also be replaced. Phase 2 also includes replacing Breaker Failure Relay Protection Systems for the 363 line.	
06/2022	Seabrook 345 kV GIS Switchyard Phase 3 Equipment Replacement Part of Asset Condition #85	Phase 3 of multi-phase project involving like for like equipment replacement. Phase 3 includes replacing three approximately 1,000 ft. long horizontal gas-insulated lines (GIL) comprising the three phases of the 345 kV Seabrook-Ward Hill 394 line, and replacing two GIS 345 kV Circuit Breakers and related switches that are the 394 line termination equipment. Post-top insulators located in the open-air to GIS transition yard will also be replaced. Phase 3 also includes replacing Breaker Failure Relay Protection Systems for the 394 line.	
12/2019	NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 1	
06/2020		Montville 16X Transformer Replacement	
12/2023		Canal Station #980 BPS and Asset Condition Upgrade Project	
01/2025	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 8809A-2 Line (Pequonnock-Congress)	
08/2022		Robinson Avenue Station #102 Asset Condition Upgrades	
09/2025	NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 4	
09/2025	NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 5	
09/2025	NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 4	
09/2025	NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 3	
09/2025	NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 3	
09/2025	NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 5	
09/2025	NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 4	
01/2020		115 kV Structure Replacement Project - Line A126	
10/2019		115 kV Structure Replacement Project - Line H123	

12/2019		115 kV Structure Replacement Project - Line H141	
10/2019		115 kV Structure Replacement Project - Line K174	
02/2021		115 kV Structure Replacement Project - Line L163	
09/2020		115 kV Structure Replacement Project - Line A152	
12/2023		115 kV Structure Replacement Project - Line X178	
06/2021		349X/Y 345 kV Cable Replacement	
10/2019		115 kV Structure Replacement Project - Line 65-508	
03/2019		115 kV Structure Replacement Project - Line 1327	
03/2019		115 kV Structure Replacement Project - Line 1428	
12/2018		115 kV Structure Replacement Project - Line 1447	
12/2019		115 kV Structure Replacement Project - Line 1962	
12/2018		115 kV Structure Replacement Project - Line 1768-MA	
11/2019		115 kV Structure Replacement Project - Line F132	
09/2019		1608 115 kV Line Cable Replacement	
01/2019		1880 115 kV Line Cable Replacement	
05/2019		115 kV Structure Replacement Project - Line 1050	
12/2020		115 kV Structure Replacement Project - Line 1191	
06/2019		115 kV Structure Replacement Project - Line 1256	
10/2020		115 kV Structure Replacement Project - Line 1261/1598	
12/2020		115 kV Structure Replacement Project - Line 1280	
03/2021		115 kV Structure Replacement Project - Line 1310	
12/2020		115 kV Structure Replacement Project - Line 1410	
09/2021		115 kV Structure Replacement Project - Line 1448	
12/2018		115 kV Structure Replacement Project - Line 1565	
04/2019		115 kV Structure Replacement Project - Line 1620	
02/2021		115 kV Structure Replacement Project - Line 1635	
12/2019		115 kV Structure Replacement Project - Line 1675	
08/2020		115 kV Structure Replacement Project - Line 1726	
12/2021		115 kV Structure Replacement Project - Line 1465	
11/2018		115 kV Structure Replacement Project - Line 1751	
12/2020		115 kV Structure Replacement Project - Line 1756	

09/2018		115 kV Structure Replacement Project - Line 1759	
11/2020		115 kV Structure Replacement Project - Line 1765	
06/2018		115 kV Structure Replacement Project - Line 1766	
04/2018		115 kV Structure Replacement Project - Line 1767	
10/2019		115 kV Structure Replacement Project - Line 1769	
10/2018		115 kV Structure Replacement Project - Line 1770 (the 1770 line has been replaced by the Plumtree to Stony Hill 1268 line and the Stony Hill to Bates Rock 1485 line)	
08/2021		115 kV Structure Replacement Project - Line 1772	
10/2019		115 kV Structure Replacement Project - Line 1783	
10/2019		115 kV Structure Replacement Project - Line 1785	
12/2018		115 kV Structure Replacement Project - Line 1768-CT	
12/2018		115 kV Structure Replacement Project - Line 1910	
10/2021		Millstone Substation 15G High Creep Insulator Replacement	
05/2024		Carpenter Hill Control House Rebuild	
05/2024		327 Line Asset Condition Refurbishments	
02/2022		303 Line Asset Condition Refurbishments	
05/2020		3520 Line Asset Condition Refurbishments	
12/2025		315 Line Asset Condition Refurbishments - MA Portion	
06/2025		315 Line Asset Condition Refurbishments - RI Portion	
01/2025	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 8809B-2 Line (Pequonnock - Congress)	
04/2028	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild portion of 1130 Line (Pequonnock - UI Str. B737)	
04/2028	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 1430 Line (Ash Creek - ESE Str. B648)	
08/2026	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 91001-1 Line (Pequonnock - Bridgeport Resco) & 91001-2 Line (Bridgeport Resco - Ash Creek)	
04/2026	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 88005A-1 Line (Milvon - Woodmont)	
04/2026	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 88005B-1 Line (Milvon - Woodmont)	

11/2027	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 8804A Line (Woodmont - Allings Crossing)	
11/2027	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 8804B Line (Woodmont - Allings Crossing)	
04/2025	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 88003A-3 Line (Allings Crossing - Elmwest)	
04/2025	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 88003B-3 Line (Allings Crossing - Elmwest)	
10/2024	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 88003A-2 Line (Elmwest - West River)	
10/2024	Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 88003B-2 Line (Elmwest - West River)	
12/2020		667 69 kV line rebuild and asset condition project	
03/2022		345 kV Structure Replacement Projects - Line 310	
12/2019		345 kV Structure Replacement Projects - Line 321	
11/2021		345 kV Structure Replacement Projects - Line 330	
03/2021		345 kV Structure Replacement Projects - Line 348	
06/2020		345 kV Structure Replacement Projects - Line 352	
08/2019		345 kV Structure Replacement Projects - Line 362	
07/2022		345 kV Structure Replacement Projects - Line 364	
12/2019		345 kV Structure Replacement Projects - Line 368	
03/2022		345 kV Structure Replacement Projects - Line 383	
11/2021		345 kV Structure Replacement Projects - Line 387	
07/2019		345 kV Structure Replacement Projects - Line 3041	
10/2019		345 kV Structure Replacement Projects - Line 3252	
12/2020		345 kV Structure Replacement Projects - Line 3419	
07/2019		345 kV Structure Replacement Projects - Line 3424	
03/2023		345 kV Structure Replacement Projects - Line 3754	
10/2019		345 kV Structure Replacement Projects - Line 336	
08/2019		345 kV Structure Replacement Projects - Line 3361	
08/2022		345 kV Structure Replacement Projects - Line 312	
11/2019		345 kV Structure Replacement Projects - Line 354	
09/2019		345 kV Structure Replacement Projects - Line 381	

03/2021		345 kV Structure Replacement Project - Line 393	
03/2020		345 kV Structure Replacement Projects - Line 3419	
03/2020		345 kV Structure Replacement Projects - Line 326	
02/2021		345 kV Structure Replacement Projects - Line 367	
12/2020		345 kV Structure Replacement Projects - Line 373	
12/2020		345 kV Structure Replacement Projects - Line 379	
01/2020		345 kV Structure Replacement Projects - Line 381	
12/2020		345 kV Structure Replacement Projects - Line 385	
12/2020		345 kV Structure Replacement Projects - Line 391	
12/2019		115 kV Structure Replacement Projects - Line 1470	
12/2023		110-510 & 110-511 lines 115 kV HPFF refurbishment	
07/2021		Sand Bar Substation - Mitigate several Asset Condition concerns: Control House, P&C, circuit breakers, switches	
12/2020		Berlin Substation - Mitigate several Asset Condition concerns: Control House, P&C, circuit breakers & switches. Install a second protection system.	
10/2019		1130 Line Optical Ground Wire (OPGW) Replacement	
09/2020		115 kV Wood Pole Replacement - B143	
11/2020		115 kV Wood Pole Replacement - C129	
06/2021		115 kV Wood Pole Replacement - F139	
11/2020		115 kV Wood Pole Replacement - G128	
12/2020		115 kV Wood Pole Replacement - K105	
04/2022		115 kV Wood Pole and Shield Wire Replacement - K174	
03/2020		115 kV Wood Pole Replacement - L175	
12/2020		115 kV Wood Pole and Shield Wire Replacement - M127	
11/2020		115 kV Wood Pole and Shield Wire Replacement - Y138	
10/2021		115 kV Wood Pole Replacement - 1161	
09/2022		115 kV Wood Pole Replacement - 1421	
10/2020		115 kV Wood Pole Replacement - 1512	
03/2021		115 kV Wood Pole and Shield Wire Replacement - 1394	
07/2020		115 kV Wood Pole and Shield Wire Replacement - Line 1858	
03/2021		115 kV Wood Pole and Shield Wire Replacement - 1976	
12/2023		115 kV Wood Pole Replacement - 1000	

03/2021		115 kV Wood Pole Replacement - 1042	
12/2020		115 kV Wood Pole and Shield Wire Replacement - 1043	
12/2023		115 kV Wood Pole Replacement - 1080	
08/2021		115 kV Wood Pole Replacement - 1208	
10/2021		115 kV Wood Pole and Shield Wire Replacement - 1232	
08/2022		115 kV Wood Pole and Shield Wire Replacement - 1256	
12/2023		115 kV Wood Pole and Shield Wire Replacement - 1280	
09/2022		115 kV Wood Pole and Shield Wire Replacement - 1410	
06/2020		115 kV Wood Pole Replacement - Line 1505	
09/2021		115 kV Wood Pole Replacement - 1607	
05/2022		115 kV Wood Pole and Shield Wire Replacement - 1618	
12/2022		115 kV Wood Pole and Shield Wire Replacement - 1732	
12/2023		115 kV Wood Pole Replacement - 1751	
11/2021		115 kV Wood Pole Replacement - 1756	
04/2021		115 kV Wood Pole and Shield Wire Replacement - 1765	
02/2021		115 kV Wood Pole and Shield Wire Replacement - 1766	
06/2022		115 kV Wood Pole Replacement - 1910	
04/2020		115 kV Line Rebuild and Asset Condition Project - Line 1355	
12/2025		Line 340 Asset Condition Structure Refurbishment	
12/2020		Line K41 Asset Condition Structure Refurbishment	
10/2026		Chestnut Hill #702 Substation Asset Replacements	
07/2025		Vernon #13 Substation Asset Replacements	
11/2026		Deerfield #4 Substation Asset Replacements	
12/2027		A-1 & B-2 69 kV Line Asset Condition Project	
06/2020		115 kV Granville Junction to Atwater 1853 line (formerly 1512) OPGW Project	
11/2024		Derby Junction to Ansonia Corridor 115 kV Transmission Upgrades	
10/2022	Boston 2028 Project	Rebuild the Golden Hills #90 Substation	
05/2021		Glenbrook STATCOM Replacement	
08/2021		Horton Cove Asset Condition and OPGW Project	
06/2021		115 kV Lattice Tower Asset Condition and OPGW Project - Line 1768	
09/2021		115 kV Copper Conductor and Wood Pole Replacement - Line 1191	
04/2022		Southington Substation Relay Replacement Project	

12/2018		Prior Year Wood Structure Asset Condition Replacement - Line 329 345 kV	
12/2018		Prior Year Wood Structure Asset Condition Replacement - Line 352 345 kV	
12/2017		Prior Year Wood Structure Asset Condition Replacement - Line 338 345 kV	
06/2019		Prior Year Wood Structure Asset Condition Replacement - Line 455- 507 115 kV	
12/2024		Copper Conductor and Shield Wire Replacement - Line 1231/1242	
11/2022		345 kV Line Structure Replacement - Line 312	
06/2021		345 kV Line Structure Replacement - Line 319	
10/2021		345 kV Line Structure Replacement - Line 338	
04/2021		115 kV Wood Pole Asset Condition Project - Line 455-507	
12/2026		Copper Conductor and Shield Wire Replacement - Line 1560/1808	
12/2026		Copper Conductor and Shield Wire Replacement - Line 1580/1142/1808	
12/2021		Copper Conductor and Shield Wire Replacement - Line 1588	
06/2024		Copper Conductor and Shield Wire Replacement - Line 1268/1485/1622/1887	
09/2024		Copper Conductor and Shield Wire Replacement - Line 1163/1550	
12/2023		Copper Conductor and Shield Wire Replacement - Line 1825	
03/2022		115 kV Wood Pole and Shield Wire Replacement 2020-2023 - Line 1465	
10/2022		345 kV Line Structure and PINCO insulator Replacement - Line 310	
12/2022		345 kV Line Structure Replacement - Line 330	
01/2022		345 kV Line Structure and PINCO insulator Replacement - Line 368	
12/2023		345 kV Line Structure and PINCO insulator Replacement - Line 383	
12/2023		345 kV Line Structure and PINCO insulator Replacement - Line 387	
12/2023		345 kV Line Structure and PINCO insulator Replacement - Line 3041	
06/2023		345 kV Line Structure and PINCO insulator Replacement - Line 3424	
12/2023		345 kV Line Structure and PINCO insulator Replacement - Line 3754	
06/2022		S-145/T-146 115 kV Line Reconductoring - North Reading Substation to Wallace Substation	
05/2023		V-148S Asset Condition Refurbishment and Switch Replacement - MA Portion	
12/2022		V-148S Asset Condition Refurbishment and Switch Replacement - RI Portion	
12/2021		Copper Conductor and Shield Wire Replacement Projects - C129 Line	
01/2022		Copper Conductor and Shield Wire Replacement Projects - D108 Line	
11/2021		Copper Conductor and Shield Wire Replacement Projects - G128 Line	

11/2021		Copper Conductor and Shield Wire Replacement Projects - L163 Line	
11/2021		Copper Conductor and Shield Wire Replacement Projects - X104	
11/2022		Amherst substation Protection & Controls Upgrades	
09/2022		Webster-Beebe River 115 kV Corridor Asset Condition and OPGW Project - A111 Line	
12/2023		Webster-Beebe River 115 kV Corridor Asset Condition and OPGW Project - E115 Line	
06/2024		Webster-Beebe River 115 kV Corridor Asset Condition and OPGW Project - Z180 Line	
04/2022		345 kV Line Structure Replacements - Line 373	
12/2022		Line K22 Asset Condition Structure Refurbishment	
12/2024		Line K24 Asset Condition Structure Refurbishment	
12/2022		Line K34 Asset Condition Structure Refurbishment	
12/2021		Eddy Substation Control House Relocation and Rebuild	
11/2021		NH 115 kV Laminated Wood Structure Replacement Program Phase I - G128 Line	
09/2021		NH 115 kV Laminated Wood Structure Replacement Program Phase I - L175 Line	
05/2022		NH 115 kV Laminated Wood Structure Replacement Program Phase I - K105 Line	
12/2022		NH 115 kV Laminated Wood Structure Replacement Program Phase I - X116 Line	
12/2022		NH 115 kV Laminated Wood Structure Replacement Program Phase I - Z119 Line	
12/2021		Branford 11J A3 Bus Replacement Project	
06/2024		Ludlow 19S 345 kV Full BPS Separation and Asset Condition Project	
08/2025		Millbury #2 Substation Protection Scheme Upgrade and Asset Condition Refurbishments	
02/2022		C-129N/D-130 115 kV Line Fiber Installation	
03/2022		X-176 115 kV Line Asset Condition Refurbishments	
12/2025		282-520 & 282-521 115 kV Lines HPFF Refurbishment	
06/2022		115 kV Structure and Shield Wire Replacements - Line D121	
12/2021		115 kV Structure Replacements - Line 456-522	
11/2021		115 kV Structure Replacements - Line 240-510	
11/2021		230 kV Structure Replacements - Line 342-603	
05/2022		690 Line Rebuild and Asset Condition Project	
06/2022		115 kV Wood Pole Replacement - Line 1751	
04/2021		478-508 & 478-509 115 kV Lines Asset Condition & OPGW	
12/2025		Line K42 Asset Condition Line Replacement	
05/2023		V-174 115 kV Line Asset Condition Refurbishments and OPGW installation	

05/2022		M-139/N-140 115 kV Lines Pilot Protection Schemes	
12/2027		Moore #20 Substation Asset Condition and Separation	
10/2023		Southwest Connecticut (SWCT) Substation Relay Upgrades - Glenbrook 115 kV	
10/2023		Southwest Connecticut (SWCT) Substation Relay Upgrades - Plumtree 115 kV and 345 kV	
10/2023		Southwest Connecticut (SWCT) Substation Relay Upgrades - Norwalk 115 kV and 345 kV	
07/2023		Laminated Wood Structure Replacement Program Phase II - 3403 345 kV Line	
04/2022		345 kV Structure and Shield Wire Replacements - 329 Line	
06/2022		345 kV Structure and Shield Wire Replacements - 352 Line	
12/2023		115 kV Structure Replacements and Shield Wire - 191 Line	
12/2022		115 kV Structure Replacements and Shield Wire - 117 Line	
12/2025		Edgar Station #150 Brown Glass and Obsolete Equipment Replacement	
06/2022		115 kV Structure Replacements - 211-508 Line	
07/2022		115 kV Structure Replacements - 391-508 Line	
08/2022		115 kV Structure Replacements - 533-508 Line	
06/2023		Laminated Wood Structure Replacement Program Phase II - A152 115 kV Line	
09/2022		Laminated Wood Structure Replacement Program Phase II - V191 115 kV Line	
12/2022		115 kV Structure and Shield Wire Replacements - T198 Line	
03/2024		P145 Line Rebuild - Asset Condition and OPGW	
11/2022		Laminated Wood Structure Replacement Program Phase II - R187 115 kV Line	
09/2022		Laminated Wood Structure Replacement Program Phase II - S188 115 kV Line	
02/2022		Laminated Wood Structure Replacement Program Phase II - M164 115 kV Line	
12/2026		Bridgewater #16 Substation Asset Condition Upgrades	
06/2023		115 kV Line Structure and OPGW Replacements - Line 1428	
12/2026		Line K21 Asset Condition Line Refurbishment	
12/2026		Line K32 Asset Condition Line Refurbishment	
12/2027		Line K50 Asset Condition Line Refurbishment	
08/2025		Construct new Stafford Street Substation	
05/2023		K-137/L-138W 115 kV Lines Pilot Protection Scheme	
12/2024		G-185S/L-190 115 kV OPGW Installation from Davisville Tap to West Kingston (L-190 to Wickford Junction)	
05/2027		Tewksbury #22 Substation Asset Condition Replacements	
12/2030		E-5/F-6 69kV Line Asset Condition Refurbishments	
06/2026		Millstone Substation 345 kV Breaker Replacements	
03/2024		Northfield Mountain Substation 345 kV Breaker Replacements	

06/2023		Holbrook Station 345/115 kV Autotransformer Replacement	
06/2023		Deerfield Station 345 kV Breaker Replacements	
11/2022		Line 379 Asset Condition Wood Structure Replacements	
06/2024		Timber Swamp Station 345 kV Breaker Replacements	
12/2023		Line 373 Asset Condition Wood Structure Replacements	
03/2023		Line 326 Asset Condition Wood Structure Replacements	
12/2023		Line 385 Asset Condition Wood Structure Replacements	
03/2023		Line 391 Asset Condition Wood Structure Replacements	
07/2023		Line C196 Asset Condition Wood Structure Replacements	
06/2025		Scobie Pond Station 345 kV Trench Replacement & Control House Expansion Project	
06/2024		Middlebury Substation Asset Condition Refurbishment	
03/2024		Greggs Substation Rebuild	
06/2025		Trumbull - Norwalk Corridor Partial 115 kV Line Rebuilds - 1637/1720 and 1714/1720/1222 Lines	
04/2023		326 345 kV Line Structure Replacements	
08/2024		Maplewood #16 Substation Asset Replacements	
05/2023		115 kV Structure Replacements and OPGW Installation - 1783 Line	
06/2024		115 kV Line Asset Condition and OPGW Project - Line 348	
06/2024		115 kV Line Asset Condition and OPGW Project - Line 1772	
06/2024		345 kV Structure Replacements and OPGW Installation - 3041 Line	
12/2023		345 kV Structure Replacements and OPGW Installation - 362 Line	
12/2023		East Devon 345/115 kV Relay Upgrades	
09/2023		115kV Lattice Tower and Shield Wire Replacements - 1261/1598 Line	
06/2024		115kV Lattice Tower, Shield Wire, and Conductor Replacements - 1355/1610 Line	
03/2024		Asset Condition Wood Structure Replacements - 1208 115 kV Line	
06/2024		High Hill Station 644 Control House Replacement	
09/2023		Asset Condition Wood Structure Replacements - 389 345 kV Line	
03/2023		Eagle Substation 345/115 kV Autotransformer Replacement	
08/2023		115 kV Structure Replacements and OPGW Installation - P106 Line	
09/2023		115 kV Structure Replacements and OPGW Installation - Q171 Line	
09/2023		Asset Condition Wood Structure Replacements - C196 115 kV Line	
09/2023		Line 381/379 Optical Ground Wire Upgrade	

Mar-22 Status	Jun-22 Status	Oct-22 Status	Mar-23 Status	PPA (I.3.9) Approval	TCA Approval
In-service	In-service	In-service	In-service	NR	1/3/2018
In-service	In-service	In-service	In-service	5/5/2016	10/10/2018
In-service	In-service	In-service	In-service	NR	8/13/2017
In-service	In-service	In-service	In-service	2/23/2016	9/11/2018
In-service	In-service	In-service	In-service	2/23/2016	9/11/2018
In-service	In-service	In-service	In-service	NR	12/16/2016
In-service	In-service	In-service	In-service	NR	11/25/2015
In-service	In-service	In-service	In-service	NR	11/25/2015
In-service	In-service	In-service	In-service	NR	11/25/2015
In-service	In-service	In-service	In-service	NR	11/25/2015
In-service	In-service	In-service	In-service	NR	12/1/2017
In-service	In-service	In-service	In-service	NR	1/3/2018
In-service	In-service	In-service	In-service	NR	12/16/2016
In-service	In-service	In-service	In-service	NR	12/16/2016
In-service	In-service	In-service	In-service	1/26/2016	7/17/2017
In-service	In-service	In-service	In-service	NR	1/3/2018
In-service	In-service	In-service	In-service	7/19/2016	10/30/2019
In-service	In-service	In-service	In-service	NR	10/30/2019
Planned	Planned	Under Construction	Under Construction	NR	7/19/2022
Planned	Planned	Planned	Planned	NR	No
Planned	Planned	Under Construction	Under Construction	NR	5/17/2022
Under Construction	Under Construction	Under Construction	Under Construction	12/28/2016	4/11/2022
In-service	In-service	In-service	In-service	NR	12/10/2019
In-Service	In-Service	In-Service	In-Service	NR	12/10/2019

Under Construction	Under Construction	Under Construction	In-Service	NR	NR
Under Construction	Under Construction	Under Construction	Under Construction	4/30/2018	8/21/2021
Under Construction	Under Construction	Under Construction	Under Construction	4/30/2018	6/1/2022
Under Construction	Under Construction	Under Construction	Under Construction	NR	7/1/2020
In-service	In-service	In-service	In-service	NR	12/1/2017 2/19/2021
In-service	In-service	In-service	In-service	NR	1/3/2018
In-service	In-service	In-service	In-service	NR	5/11/2018
In-Service	In-Service	In-Service	In-Service	NR	12/1/2017
In-service	In-service	In-service	In-service	NR	12/1/2017
In-service	In-service	In-service	In-service	NR	4/17/2018
In-service	In-service	In-service	In-service	5/24/2017	8/24/2018
In-service	In-service	In-service	In-service	5/24/2017	8/24/2018
In-service	In-service	In-service	In-service	NR	10/16/2018
In-service	In-service	In-service	In-service	NR	1/3/2018
In-service	In-service	In-service	In-service	NR	1/2/2018
In-service	In-service	In-service	In-service	NR	NR
In-service	In-service	In-service	In-service	NR	7/17/2017
In-Service	In-Service	In-Service	In-Service	NR	4/17/2018
Under Construction	Under Construction	Under Construction	Under Construction	NR	4/17/2018
Under Construction	Under Construction	Under Construction	Under Construction	NR	4/17/2018
In-service	In-service	In-service	In-service	NR	10/16/2018
In-service	In-service	In-service	In-service	NR	4/17/2018
In-service	In-service	In-service	In-service	NR	12/10/2019
In-service	In-service	In-service	In-service	NR	8/24/2018
In-service	In-service	In-service	In-service	NR	6/30/2020
In-service	In-service	In-service	In-service	5/16/2018	NR
In-service	In-service	In-service	In-service	1/29/2018	10/8/2020
In-service	In-service	In-service	In-service	1/29/2018	NR
Under Construction	Under Construction	Under Construction	Under Construction	NR	No

In-Service	In-Service	In-Service	In-Service	NR	NR
In-service	In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	2/15/2019
In-service	In-service	In-service	In-service	NR	NR
Under Construction	Under Construction	Under Construction	Under Construction	NR	7/1/2020
In-Service	In-Service	In-Service	In-Service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	2/20/2020
In-service	In-service	In-service	In-service	NR	2/20/2020
Under Construction	Under Construction	In-Service	In-Service	NR	10/8/2020
In-service	In-service	In-service	In-service	NR	10/16/2018
In-service	In-service	In-service	In-service	NR	8/24/2018
In-service	In-service	In-service	In-service	NR	12/22/2022
In-service	In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	12/16/2019 2/19/202
In-service	In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	12/16/2019 2/19/2020
In-service	In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	12/16/2019
In-Service	In-Service	In-Service	In-Service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	In-service	NR	12/16/2019
In-Service	In-Service	In-Service	In-Service	NR	2/20/2020
In-service	In-service	In-service	In-service	NR	2/20/2020
In-service	In-service	In-service	In-service	NR	2/20/2020

In-service	In-service	In-service	In-service	NR	4/21/2019
In-Service	In-Service	In-Service	In-Service	NR	4/21/2019
Under Construction	Under Construction	In-service	In-service	NR	4/21/2019
In-service	In-service	In-service	In-service	NR	NR
In-service	In-service	In-service	In-service	5/16/2018	NR
Under Construction	Under Construction	Under Construction	Under Construction	NR	6/30/2020
Planned	Planned	Planned	Planned	1/28/2019	No
Under Construction	Under Construction	In-service	In-service	NR	1/29/2021 10/31/2022
Cancelled	Cancelled	Cancelled	Cancelled	NR	No
Concept	Concept	Concept	Concept	NR	No
Concept	Concept	Concept	Concept	NR	No
Concept	Concept	Concept	Concept	NR	No
Concept	Concept	Concept	Concept	NR	No
Concept	Concept	Concept	Concept	NR	No
Concept	Concept	Concept	Concept	NR	No
In-service	In-service	In-service	In-service	NR	2/2/2020
In-service	In-service	In-service	In-service	NR	2/2/2020

In-service	In-service	In-service	In-service	NR	2/2/2020
In-service	In-service	In-service	In-service	NR	2/2/2020
In-Service	In-Service	In-Service	In-Service	NR	2/2/2020
In-service	In-service	In-service	In-service	NR	2/2/2020
Cancelled	Cancelled	Cancelled	Cancelled	NR	No
In-Service	In-Service	In-Service	In-Service	10/7/2019	6/30/2020
In-service	In-service	In-service	In-service	NR	2/19/2021
In-service	In-service	In-service	In-service	NR	NR
In-service	In-service	In-service	In-service	NR	2/19/2021
In-service	In-service	In-service	In-service	NR	NR
In-service	In-service	In-service	In-service	NR	NR
In-service	In-service	In-service	In-service	NR	2/18/2021
In-service	In-service	In-service	In-service	NR	2/19/2021
In-service	In-service	In-service	In-service	12/19/2019	4/28/2020
In-service	In-service	In-service	In-service	NR	4/28/2020
In-service	In-service	In-service	In-service	NR	2/19/2021
Cancelled	Cancelled	Cancelled	Cancelled	NR	No
In-service	In-service	In-service	In-service	NR	2/19/2021
In-Service	In-Service	In-Service	In-Service	NR	2/19/2021 5/31/2022
Cancelled	Cancelled	Cancelled	Cancelled	NR	No
In-Service	In-Service	In-Service	In-Service	NR	2/19/2021
Cancelled	Cancelled	Cancelled	Cancelled	NR	No
In-Service	In-Service	In-Service	In-Service	NR	2/19/2021
In-service	In-service	In-service	In-service	NR	2/19/2021
In-service	In-service	In-service	In-service	NR	2/19/2021
In-Service	In-Service	In-Service	In-Service	NR	2/19/2021
Cancelled	Cancelled	Cancelled	Cancelled	NR	No
In-Service	In-Service	In-Service	In-Service	NR	2/19/2021
In-Service	In-Service	In-Service	In-Service	NR	2/19/2021
In-service	In-service	In-service	In-service	NR	NR
Cancelled	Cancelled	Cancelled	Cancelled	NR	No

Planned	Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	Planned	1/28/2019	No
In-Service	In-Service	In-Service	In-Service	7/25/2019 8/28/2020	4/28/2020
Under Construction	In-Service	In-Service	In-Service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	2/1/2021
In-Service	In-Service	In-Service	In-Service	NR	2/1/2021
In-Service	In-Service	In-Service	In-Service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	2/1/2021
Under Construction	Under Construction	In-Service	In-Service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	2/1/2021
Under Construction	In-Service	In-Service	In-Service	NR	2/1/2021
In-Service	In-Service	In-Service	In-Service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	2/1/2021
In-Service	In-Service	In-Service	In-Service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	2/1/2021
Under Construction	Under Construction	Under Construction	Under Construction	NR	No
In-service	In-service	In-service	In-service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	NR
Under Construction	Under Construction	In-service	In-service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	2/1/2021

In-Service	In-Service	In-Service	In-Service	NR	2/1/2021
In-Service	In-Service	In-Service	In-Service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	NR
In-Service	In-Service	In-Service	In-Service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	In-service	NR	2/19/2021
Under Construction	Under Construction	Under Construction	Under Construction	4/29/2020	6/3/2022
In-Service	In-Service	In-Service	In-Service	NR	2/19/2021
In-Service	In-Service	In-Service	In-Service	NR	2/1/2021
In-service	In-service	In-service	In-service	NR	10/30/2019
In-service	In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	In-service	NR	2/2/2021 6/3/2022
In-Service	In-Service	In-Service	In-Service	NR	2/2/2021
In-service	In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	In-service	NR	NR
Under Construction	In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	In-service	NR	NR
In-service	In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	In-service	NR	2/2/2021 12/23/2022
Under Construction	Under Construction	Under Construction	In-Service	NR	No
In-Service	In-Service	In-Service	In-Service	NR	2/2/2021
In-Service	In-Service	In-Service	In-Service	NR	2/2/2021
In-service	In-service	In-service	In-service	NR	2/2/2021
In-Service	In-Service	In-Service	In-Service	NR	No
Proposed	Proposed	Proposed	Proposed	NR	No

In-Service	In-Service	In-Service	In-Service	NR	No
In-Service	In-Service	In-Service	In-Service	NR	No
Proposed	Proposed	Proposed	Under Construction	NR	No
In-Service	In-Service	In-Service	In-Service	NR	No
In-Service	In-Service	In-Service	In-Service	NR	NR
Under Construction	Under Construction	Under Construction	In-Service	NR	No
Proposed	Under Construction	Under Construction	Under Construction	NR	No
Under Construction	Under Construction	Under Construction	In-Service	NR	No
In-service	In-service	In-service	In-service	NR	No
In-Service	In-Service	In-Service	In-Service	NR	No
Under Construction	Under Construction	In-Service	In-Service	NR	8/28/2020
Under Construction	Under Construction	Under Construction	In-Service	NR	No
Cancelled	Cancelled	Cancelled	Cancelled	NR	No
In-Service	In-Service	In-Service	In-Service	NR	No
In-Service	In-Service	In-Service	In-Service	NR	NR
In-Service	In-Service	In-Service	In-Service	NR	No
Under Construction	Under Construction	In-Service	In-Service	NR	No
In-service	In-service	In-service	In-service	NR	2/19/2021
Under Construction	Under Construction	Under Construction	Under Construction	NR	1/29/2021
In-Service	In-Service	In-Service	In-Service	NR	1/29/2021
Concept	Concept	Cancelled	Cancelled	No	No
Concept	Proposed	Planned	Planned	7/20/2022	No
Concept	Concept	Concept	Concept	No	No
Planned	Planned	Planned	Planned	6/2/2020	No
In-Service	In-Service	In-Service	In-Service	NR	NR
Proposed	Proposed	Planned	Planned	NR	No
Under Construction	Under Construction	Under Construction	In-Service	NR	4/8/2022
In-Service	In-Service	In-Service	In-Service	4/14/2021	8/21/2021 12/23/2022
In-Service	In-Service	In-Service	In-Service	11/6/2020	6/1/2022
In-Service	In-Service	In-Service	In-Service	11/6/2020	8/21/2021
In-Service	In-Service	In-Service	In-Service	10/5/2020	8/21/2021
Under Construction	Under Construction	In-Service	In-Service	NR	8/21/2021

In-service	In-service	In-service	In-service	NR	10/28/2022
In-service	In-service	In-service	In-service	NR	10/28/2022
In-service	In-service	In-service	In-service	NR	10/28/2022
In-service	In-service	In-service	In-service	NR	10/28/2022
Proposed	Proposed	Proposed	Under Construction	10/19/2022	No
Under Construction	Under Construction	Under Construction	In-Service	NR	12/23/2022
In-service	In-service	In-service	In-service	NR	12/23/2022
In-Service	In-Service	In-Service	In-Service	NR	12/23/2022
In-Service	In-Service	In-Service	In-Service	NR	10/27/2022
Proposed	Proposed	Proposed	Proposed	No	No
Proposed	Proposed	Proposed	Proposed	No	No
In-Service	In-Service	In-Service	In-Service	6/17/2021	No
Proposed	Proposed	Proposed	Proposed	No	No
Proposed	Proposed	Proposed	Proposed	No	No
Under Construction	Under Construction	Under Construction	Under Construction	12/16/2021	No
Under Construction	In-Service	In-Service	In-Service	NR	No
Under Construction	Under Construction	Under Construction	In-Service	NR	12/23/2022
Under Construction	Under Construction	Under Construction	In-Service	NR	12/23/2022
In-Service	In-Service	In-Service	In-Service	NR	12/23/2022
Under Construction	Under Construction	Under Construction	Under Construction	NR	12/23/2022
Under Construction	Under Construction	Under Construction	Under Construction	NR	12/23/2022
Under Construction	Under Construction	Under Construction	Under Construction	NR	12/23/2022
Under Construction	Under Construction	Under Construction	Under Construction	NR	12/23/2022
Under Construction	Under Construction	Under Construction	Under Construction	NR	No
Under Construction	Under Construction	In-service	In-service	12/11/2020	6/2/2022
Proposed	Planned	Under Construction	Under Construction	3/17/2022	1/30/2023
Proposed	Planned	Under Construction	In-Service	3/17/2022	2/7/2023
In-Service	In-Service	In-Service	In-Service	NR	No
In-service	In-service	In-service	In-service	9/22/2021	No
In-Service	In-Service	In-Service	In-Service	NR	No

In-Service	In-Service	In-Service	In-Service	NR	No
In-Service	In-Service	In-Service	In-Service	NR	No
Under Construction	Under Construction	Under Construction	In-Service	NR	8/21/2021
Under Construction	Under Construction	Under Construction	In-Service	7/15/2021	No
Planned	Planned	Under Construction	Under Construction	7/15/2021	No
Planned	Planned	Planned	Planned	7/15/2021	No
Under Construction	Under Construction	In-Service	In-Service	NR	12/23/2022
Under Construction	Under Construction	Under Construction	In-Service	NR	8/20/2021
Under Construction	Under Construction	Under Construction	Under Construction	NR	8/20/2021
Under Construction	Under Construction	Under Construction	In-Service	NR	8/20/2021
In-Service	In-Service	In-Service	In-Service	7/10/2019	8/23/2021
In-Service	In-Service	In-Service	In-Service	NR	11/1/2022
In-Service	In-Service	In-Service	In-Service	NR	11/1/2022
Under Construction	Under Construction	In-Service	In-Service	NR	11/1/2022
Under Construction	Under Construction	Under Construction	In-Service	NR	11/1/2022
Under Construction	Under Construction	Under Construction	In-Service	NR	11/1/2022
In-Service	In-Service	In-Service	In-Service	NR	8/22/2021
Proposed	Proposed	Proposed	Proposed	NR	No
Under Construction	Under Construction	Under Construction	Under Construction	NR	4/11/2022
In-service	In-service	In-service	In-service	NR	4/11/2022
Under Construction	In-service	In-service	In-service	NR	4/11/2022
Planned	Planned	Planned	Planned	8/23/2021	No
Under Construction	Under Construction	In-Service	In-Service	NR	12/23/2022
In-Service	In-Service	In-Service	In-Service	NR	12/23/2022
In-Service	In-Service	In-Service	In-Service	NR	12/23/2022
In-Service	In-Service	In-Service	In-Service	NR	12/23/2022
Proposed	Under Construction	In-Service	In-Service	7/15/2021	No
Under Construction	Under Construction	Under Construction	In-Service	NR	12/23/2022
In-Service	In-Service	In-Service	In-Service	NR	5/31/2022
Proposed	Planned	Planned	Planned	3/17/2022	No
Under Construction	Under Construction	Under Construction	Under Construction	NR	10/31/2022

Under Construction	Under Construction	In-service	In-service	NR	10/31/2022
Proposed	Proposed	Proposed	Planned	12/14/2022	No
Under Construction	Under Construction	Under Construction	Under Construction	NR	No
Under Construction	Under Construction	Under Construction	Under Construction	NR	No
Under Construction	Under Construction	Under Construction	Under Construction	NR	No
Proposed	Proposed	Proposed	Under Construction	NR	No
Under Construction	In-Service	In-Service	In-Service	NR	2/7/2023
Proposed	Under Construction	In-Service	In-Service	NR	2/7/2023
Proposed	Proposed	Under Construction	Under Construction	NR	2/7/2023
Proposed	Proposed	Proposed	In-service	NR	2/7/2023
Proposed	Proposed	Proposed	Proposed	NR	No
Proposed	Proposed	In-service	In-service	NR	2/7/2023
Proposed	Proposed	In-service	In-service	NR	2/7/2023
Proposed	Proposed	In-service	In-service	NR	12/23/2022
Proposed	Under Construction	Under Construction	Under Construction	NR	No
Proposed	Under Construction	Under Construction	In-service	NR	No
Proposed	Under Construction	Under Construction	In-service	NR	2/7/2023
Proposed	Proposed	Under Construction	Under Construction	8/19/2022	No
Proposed	Proposed	Under Construction	In-service	NR	No
Under Construction	Under Construction	Under Construction	In-service	NR	No
Under Construction	In-Service	In-Service	In-Service	NR	No
	Proposed	Proposed	Proposed	No	No
	Proposed	Proposed	Under Construction	7/20/2022	No
		Under Construction	Under Construction	NR	No
		Under Construction	Under Construction	NR	No
		Under Construction	Under Construction	NR	No
		Planned	Under Construction	6/2/2020	No
		Planned	Under Construction	NR	2/7/2023
		Planned	Under Construction	NR	No
		Proposed	Proposed	No	No
		Concept	Concept	No	No
		Proposed	Proposed	NR	No
		Proposed	Proposed	NR	No

		Proposed	Under Construction	9/22/2022	No
		Under Construction	Under Construction	NR	No
		Under Construction	In-service	NR	No
		Proposed	Under Construction	NR	No
		Proposed	Under Construction	NR	No
		Proposed	Under Construction	NR	No
		Proposed	Under Construction	NR	No
		Proposed	Under Construction	NR	No
		Proposed	Under Construction	NR	No
		Proposed	Under Construction	NR	No
			Planned	NR	No
			Under Construction	11/16/2022	No
			Proposed	1/19/2023	No
			Under Construction	NR	No
			Proposed	NR	No
			Under Construction	NR	No
			Proposed	No	No
			Under Construction	No	No
			Proposed	NR	No
			Under Construction	NR	No
			Under Construction	NR	No
			Proposed	NR	No
			Proposed	No	No
			Proposed	NR	No
			Planned	NR	No
			Planned	NR	No
			Under Construction	9/22/2022	No
			Under Construction	NR	No
			Under Construction	NR	No
			Proposed	NR	No
			Under Construction	NR	No

Mar-16 Estimated PTF Costs	Mar-22 Estimated PTF Costs	Jun-22 Estimated PTF Costs	Oct-22 Estimated PTF Costs	Mar-23 Estimated PTF Costs
\$14,500,000	\$11,014,000	\$11,014,000	\$11,014,000	\$11,014,000
\$6,950,000	\$7,630,000	\$7,630,000	\$7,630,000	\$7,630,000
\$27,850,000	\$27,300,000	\$27,300,000	\$27,300,000	\$27,300,000
\$5,140,351	Cost Part of Asset Condition #5 (\$12.0)	Cost Part of Asset Condition #5 (\$12.0)	Cost Part of Asset Condition #5 (\$12.0)	Cost Part of Asset Condition #5 (\$12.0)
\$4,271,787	\$11,200,000	\$11,200,000	\$11,200,000	\$11,200,000
\$6,500,000	\$6,437,000	\$6,437,000	\$6,437,000	\$6,437,000
\$20,270,000	\$20,270,000	\$20,270,000	\$20,270,000	\$20,270,000
\$14,150,000	\$14,150,000	\$14,150,000	\$14,150,000	\$14,150,000
\$13,517,000	\$13,517,000	\$13,517,000	\$13,517,000	\$13,517,000
\$8,125,000	\$8,125,000	\$8,125,000	\$8,125,000	\$8,125,000
	\$158,000,000	\$158,000,000	\$158,000,000	\$158,000,000
	\$14,800,000	\$14,800,000	\$14,800,000	\$14,800,000
	\$6,500,000	\$6,500,000	\$6,500,000	\$6,500,000
	\$13,804,000	\$13,804,000	\$13,804,000	\$13,804,000
	\$12,287,000	\$12,287,000	\$12,287,000	\$12,287,000
	Cost part of Asset Condition #1	Cost part of Asset Condition #1	Cost part of Asset Condition #1	Cost part of Asset Condition #1
	\$11,240,000	\$11,240,000	\$11,240,000	\$11,240,000
	\$330,000	\$330,000	\$330,000	\$330,000
	\$31,770,000	\$31,770,000	\$35,190,000	\$35,190,000
	\$41,800,000	\$41,800,000	\$41,800,000	\$41,800,000
	\$21,960,000	\$21,960,000	\$26,450,000	\$26,450,000
	\$106,100,000	\$106,106,899	\$106,106,899	\$106,106,899
	\$72,900,000	\$72,900,000	\$72,900,000	\$72,900,000
	\$19,900,000	\$19,900,000	\$19,900,000	\$19,900,000

	\$4,700,000	\$4,700,000	\$4,700,000	\$6,000,000
	\$69,893,000	\$69,893,000	\$69,893,000	\$69,893,000
	\$10,428,000	\$10,428,000	\$10,428,000	\$10,428,000
	\$39,082,000	\$39,082,000	\$46,838,000	\$46,838,000
	\$13,050,000	\$13,050,000	\$13,050,000	\$13,050,000
	\$5,919,000	\$5,919,000	\$5,919,000	\$5,919,000
	\$22,208,000	\$22,208,000	\$22,208,000	\$22,208,000
	\$18,870,000	\$18,870,000	\$18,870,000	\$18,870,000
	\$6,467,000	\$6,467,000	\$6,467,000	\$6,467,000
	\$9,350,000	\$9,350,000	\$9,350,000	\$9,350,000
	\$7,835,000	\$7,835,000	\$7,835,000	\$7,835,000
	\$4,710,000	\$4,710,000	\$4,710,000	\$4,710,000
	\$6,657,000	\$6,657,000	\$6,657,000	\$6,657,000
	\$13,421,000	\$13,421,000	\$13,421,000	\$13,421,000
	Cost part of Asset Condition #38	Cost part of Asset Condition #38	Cost part of Asset Condition #38	Cost part of Asset Condition #38
	\$4,600,000	\$4,600,000	\$4,600,000	\$4,600,000
	\$21,060,000	\$21,060,000	\$21,060,000	\$21,060,000
	\$21,000,000	\$21,000,000	\$21,000,000	\$21,000,000
	\$18,402,000	\$18,402,000	\$18,402,000	\$18,402,000
	\$41,113,000	\$41,113,000	\$41,113,000	\$41,113,000
	\$10,148,000	\$10,148,000	\$10,148,000	\$10,148,000
	\$7,551,000	\$7,551,000	\$7,551,000	\$7,551,000
	\$27,560,000	\$27,560,000	\$27,560,000	\$27,560,000
	\$15,884,000	\$15,884,000	\$15,884,000	\$15,884,000
	\$18,545,000	\$18,545,000	\$18,545,000	\$18,545,000
	\$3,700,000	\$3,700,000	\$3,700,000	\$3,700,000
	\$5,466,000	\$5,466,000	\$5,466,000	\$5,466,000
	\$4,331,000	\$4,331,000	\$4,331,000	\$4,331,000
	\$17,732,000	\$17,732,000	\$17,732,000	\$17,732,000

	\$1,174,157	\$1,174,157	\$1,174,157	\$1,174,157
	\$11,154,000	\$11,154,000	\$11,154,000	\$11,154,000
	\$11,702,000	\$11,702,000	\$11,702,000	\$11,702,000
	\$15,235,000	\$15,235,000	\$15,235,000	\$15,235,000
	\$14,453,000	\$14,453,000	\$14,453,000	\$14,453,000
	\$16,255,000	\$16,255,000	\$16,255,000	\$16,255,000
	\$17,858,000	\$17,858,000	\$17,858,000	\$17,858,000
	\$10,860,000	\$10,860,000	\$10,860,000	\$10,860,000
	\$4,700,000	\$4,700,000	\$4,700,000	\$4,700,000
	\$16,612,000	\$16,612,000	\$16,612,000	\$16,612,000
	\$17,190,000	\$17,190,000	\$17,190,000	\$17,190,000
	\$15,100,000	\$15,100,000	\$15,100,000	\$15,100,000
	\$12,985,000	\$12,985,000	\$12,985,000	\$12,985,000
	\$48,322,000	\$48,322,000	\$48,322,000	\$48,322,000
	\$54,964,000	\$54,964,000	\$54,964,000	\$54,964,000
	\$6,353,000	\$6,353,000	\$6,353,000	\$6,353,000
	\$5,868,000	\$5,868,000	\$5,868,000	\$5,868,000
	\$14,994,000	\$14,994,000	\$14,994,000	\$14,994,000
	\$7,462,000	\$7,462,000	\$7,462,000	\$7,462,000
	\$13,695,000	\$13,695,000	\$13,695,000	\$13,695,000
	\$19,393,000	\$19,393,000	\$19,393,000	\$19,393,000
	\$14,220,000	\$14,220,000	\$14,220,000	\$14,220,000
	\$12,807,000	\$12,807,000	\$12,807,000	\$12,807,000
	\$13,492,000	\$13,492,000	\$13,492,000	\$13,492,000
	\$13,771,000	\$13,771,000	\$13,771,000	\$13,771,000
	\$9,594,000	\$9,594,000	\$9,594,000	\$9,594,000
	\$8,276,000	\$8,276,000	\$8,276,000	\$8,276,000
	\$10,151,000	\$10,151,000	\$10,151,000	\$10,151,000
	\$52,500,000	\$52,500,000	\$52,500,000	\$52,500,000
	\$18,132,000	\$18,132,000	\$18,132,000	\$18,132,000
	\$7,887,000	\$7,887,000	\$7,887,000	\$7,887,000

	\$87,421,778	\$87,421,778	\$87,421,778	\$87,421,778
	Part of Project #85	Part of Project #85	Part of Project #85	Part of Project #85
	Part of Project #85	Part of Project #85	Part of Project #85	Part of Project #85
	\$2,908,881	\$2,908,881	\$2,908,881	\$2,908,881
	\$4,342,676	\$4,342,676	\$4,342,676	\$4,342,676
	\$17,925,000	\$17,925,000	\$17,925,000	\$17,925,000
	\$17,422,320	\$17,422,320	\$17,422,320	\$17,422,320
	\$14,892,000	\$18,020,000	\$18,020,000	\$18,020,000
	\$8,292,000	\$8,292,000	\$8,292,000	\$8,292,000
	\$6,168,000	\$6,168,000	\$6,168,000	\$6,168,000

	\$9,400,000	\$9,400,000	\$9,400,000	\$9,400,000
	\$8,665,000	\$8,665,000	\$8,665,000	\$8,665,000
	\$16,992,000	\$16,992,000	\$16,992,000	\$16,992,000
	\$6,884,000	\$6,884,000	\$6,884,000	\$6,884,000
	\$11,200,000	\$11,200,000	\$11,200,000	\$11,200,000
	\$72,430,000	\$72,430,000	\$72,430,000	\$72,430,000
	\$14,043,000	\$14,043,000	\$14,043,000	\$14,043,000
	\$3,774,000	\$3,774,000	\$3,774,000	\$3,774,000
	\$7,487,000	\$7,487,000	\$7,487,000	\$7,487,000
	\$4,332,000	\$4,332,000	\$4,332,000	\$4,332,000
	\$4,400,000	\$4,400,000	\$4,400,000	\$4,400,000
	Part of Asset Condition #142	Part of Asset Condition #142	Part of Asset Condition #142	Part of Asset Condition #142
	\$14,772,000	\$14,772,000	\$14,772,000	\$14,772,000
	\$8,182,000	\$8,182,000	\$8,182,000	\$8,182,000
	\$6,959,000	\$6,959,000	\$6,959,000	\$6,959,000
	\$7,230,000	\$7,230,000	\$7,230,000	\$7,230,000
	\$8,300,000	\$8,300,000	\$8,300,000	\$8,300,000
	\$9,959,000	\$9,959,000	\$9,959,000	\$9,959,000
	\$23,854,000	\$23,854,000	\$23,854,000	\$23,854,000
	\$7,500,000	\$7,500,000	\$7,500,000	\$7,500,000
	\$8,299,000	\$8,299,000	\$8,299,000	\$8,299,000
	\$5,800,000	\$5,800,000	\$5,800,000	\$5,800,000
	\$6,928,000	\$6,928,000	\$6,928,000	\$6,928,000
	\$9,095,000	\$9,095,000	\$9,095,000	\$9,095,000
	\$9,993,000	\$9,993,000	\$9,993,000	\$9,993,000
	\$5,608,000	\$5,608,000	\$5,608,000	\$5,608,000
	\$7,300,000	\$7,300,000	\$7,300,000	\$7,300,000
	\$16,272,000	\$16,272,000	\$16,272,000	\$16,272,000
	\$7,743,000	\$7,743,000	\$7,743,000	\$7,743,000
	\$4,467,000	\$4,467,000	\$4,467,000	\$4,467,000
	Part of Asset Condition #227	Part of Asset Condition #227	Part of Asset Condition #227	Part of Asset Condition #227

	\$6,076,000	\$6,076,000	\$6,076,000	\$6,076,000
	\$13,122,000	\$13,122,000	\$13,122,000	\$13,122,000
	\$5,426,000	\$5,426,000	\$5,426,000	\$5,426,000
	\$5,250,000	\$5,250,000	\$5,250,000	\$5,250,000
	\$8,247,000	\$8,247,000	\$8,247,000	\$8,247,000
	\$8,811,000	\$8,811,000	\$8,811,000	\$8,811,000
	\$10,328,000	\$10,328,000	\$10,328,000	\$10,328,000
	\$8,113,000	\$8,113,000	\$8,113,000	\$8,113,000
	\$8,968,000	\$8,968,000	\$8,968,000	\$8,968,000
	\$7,586,000	\$7,586,000	\$7,586,000	\$7,586,000
	\$5,780,000	\$5,780,000	\$5,780,000	\$5,780,000
	\$16,597,000	\$16,597,000	\$16,597,000	\$16,597,000
	\$14,485,000	\$14,485,000	\$14,485,000	\$14,485,000
	\$87,877,000	\$87,877,000	\$87,877,000	\$87,877,000
	\$22,472,000	\$22,472,000	\$22,472,000	\$22,472,000
	\$5,618,000	\$5,618,000	\$5,618,000	\$5,618,000
	\$99,072,000	\$99,072,000	\$99,072,000	\$99,072,000
	\$25,107,000	\$25,107,000	\$25,107,000	\$25,107,000
	\$17,422,320	\$17,422,320	\$17,422,320	\$17,422,320
	\$21,493,614	\$21,493,614	\$21,493,614	\$21,493,614
	\$71,391,220	\$71,391,220	\$71,391,220	\$71,391,220
	\$51,963,324	\$51,963,324	\$51,963,324	\$51,963,324
	\$40,124,764	\$40,124,764	\$40,124,764	\$69,080,000
	\$40,124,764	\$40,124,764	\$40,124,764	\$69,080,000

	\$28,940,339	\$28,940,339	\$28,940,339	\$51,810,000
	\$28,940,339	\$28,940,339	\$28,940,339	\$51,810,000
	\$14,700,532	\$14,700,532	\$14,700,532	\$25,905,000
	\$14,700,532	\$14,700,532	\$14,700,532	\$25,905,000
	\$14,544,175	\$14,544,175	\$14,544,175	\$25,905,000
	\$14,544,175	\$14,544,175	\$14,544,175	\$25,905,000
	\$24,079,000	\$24,079,000	\$24,079,000	\$24,079,000
	\$19,740,000	\$19,740,000	\$19,740,000	\$19,740,000
	\$6,481,000	\$6,481,000	\$6,481,000	\$6,481,000
	\$17,126,000	\$17,126,000	\$17,126,000	\$17,126,000
	\$15,110,000	\$15,110,000	\$15,110,000	\$15,110,000
	\$12,842,000	\$12,842,000	\$12,842,000	\$12,842,000
	\$5,088,000	\$5,088,000	\$5,088,000	\$5,088,000
	\$16,355,000	\$16,355,000	\$16,355,000	\$16,355,000
	\$7,077,000	\$7,077,000	\$7,077,000	\$7,077,000
	\$22,083,000	\$22,083,000	\$22,083,000	\$22,083,000
	\$18,090,000	\$18,090,000	\$18,090,000	\$18,090,000
	\$9,737,000	\$9,737,000	\$9,737,000	\$9,737,000
	\$7,523,000	\$7,523,000	\$7,523,000	\$7,523,000
	\$11,131,000	\$11,131,000	\$11,131,000	\$11,131,000
	\$7,663,000	\$7,663,000	\$7,663,000	\$7,663,000
	\$8,200,000	\$8,200,000	\$8,200,000	\$8,200,000
	\$6,021,000	\$6,021,000	\$6,021,000	\$6,021,000
	\$4,992,951	\$4,992,951	\$4,992,951	\$4,992,951
	\$41,300,000	\$41,300,000	\$41,300,000	\$41,300,000
	\$20,900,000	\$20,900,000	\$20,900,000	\$20,900,000
	\$12,358,000	\$12,358,000	\$12,358,000	\$12,358,000

	\$9,842,000	\$9,842,000	\$9,842,000	\$9,842,000
	\$26,175,000	\$26,175,000	\$26,175,000	\$26,175,000
	\$3,630,000	\$3,630,000	\$3,630,000	\$3,630,000
	\$13,631,000	\$13,631,000	\$13,631,000	\$13,631,000
	\$10,995,000	\$10,995,000	\$10,995,000	\$10,995,000
	\$11,589,000	\$11,589,000	\$11,589,000	\$11,589,000
	\$6,590,000	\$6,590,000	\$6,590,000	\$6,590,000
	\$14,408,000	\$14,408,000	\$14,408,000	\$14,408,000
	\$17,313,000	\$17,313,000	\$17,313,000	\$17,313,000
	\$11,111,000	\$11,111,000	\$11,111,000	\$11,111,000
	\$97,995,000	\$97,995,000	\$97,995,000	\$97,995,000
	\$10,640,000	\$10,640,000	\$10,640,000	\$10,640,000
	\$6,600,000	\$6,600,000	\$6,600,000	\$6,600,000
	\$8,170,000	\$8,170,000	\$8,170,000	\$8,170,000
	\$6,403,000	\$6,403,000	\$6,403,000	\$6,403,000
	\$10,048,000	\$10,048,000	\$10,048,000	\$10,048,000
	\$7,530,000	\$7,530,000	\$7,530,000	\$7,530,000
	\$7,404,000	\$7,404,000	\$7,404,000	\$7,404,000
	\$4,100,000	\$4,100,000	\$4,100,000	\$4,100,000
	\$16,240,000	\$16,240,000	\$16,240,000	\$16,240,000
	\$3,809,000	\$3,809,000	\$3,809,000	\$3,809,000
	\$29,740,000	\$29,740,000	\$29,740,000	\$29,740,000
	\$8,475,000	\$8,475,000	\$8,475,000	\$8,475,000
	\$22,578,000	\$22,578,000	\$24,992,000	\$24,992,000
	\$22,656,000	\$22,656,000	\$22,656,000	\$22,656,000
	\$10,800,000	\$10,800,000	\$10,800,000	\$10,800,000
	\$8,877,000	\$8,877,000	\$8,877,000	\$8,877,000
	\$11,340,000	\$11,340,000	\$11,340,000	\$11,340,000
	\$9,688,000	\$9,688,000	\$9,688,000	\$9,688,000
	\$12,400,000	\$12,400,000	\$12,400,000	\$12,400,000

	\$8,273,000	\$8,273,000	\$8,273,000	\$8,273,000
	\$5,394,000	\$5,394,000	\$5,394,000	\$5,394,000
	\$24,180,000	\$24,180,000	\$24,180,000	\$23,574,000
	\$9,577,000	\$9,577,000	\$9,577,000	\$9,577,000
	\$2,422,000	\$2,422,000	\$2,422,000	\$2,422,000
	\$14,826,000	\$14,826,000	\$14,826,000	\$14,826,000
	\$12,000,000	\$12,000,000	\$13,956,000	\$19,726,000
	\$10,091,000	\$8,353,000	\$8,353,000	\$8,353,000
	\$7,100,000	\$7,100,000	\$7,100,000	\$7,100,000
	\$7,626,000	\$7,626,000	\$7,626,000	\$7,626,000
	\$8,767,000	\$8,767,000	\$8,767,000	\$8,767,000
	\$13,877,000	\$13,877,000	\$13,877,000	\$13,877,000
	\$10,750,000	\$10,750,000	\$10,750,000	\$10,750,000
	\$24,469,000	\$24,469,000	\$24,469,000	\$24,469,000
	\$3,800,000	\$3,800,000	\$3,800,000	\$3,800,000
	\$16,556,000	\$16,556,000	\$16,556,000	\$16,556,000
	\$8,226,000	\$8,226,000	\$8,226,000	\$8,226,000
	\$7,450,000	\$7,450,000	\$7,450,000	\$7,450,000
	\$37,200,000	\$37,200,000	\$37,200,000	\$37,200,000
	\$9,300,000	\$9,300,000	\$9,300,000	\$9,300,000
		\$39,690,000	\$39,690,000	\$39,690,000
	\$347,300,000	\$347,300,000	\$325,430,000	\$325,430,000
	\$4,800,000	\$4,800,000	\$4,800,000	\$4,800,000
	\$36,000,000	\$36,000,000	\$36,000,000	\$36,000,000
	\$10,180,000	\$10,180,000	\$10,180,000	\$10,180,000
	\$18,699,000	\$18,699,000	\$21,298,000	\$21,298,000
	\$13,949,000	\$13,949,000	\$13,949,000	\$13,949,000
	\$22,929,000	\$22,929,000	\$22,929,000	\$22,929,000
	\$38,054,000	\$38,054,000	\$38,054,000	\$38,054,000
	\$9,362,000	\$9,362,000	\$9,362,000	\$9,362,000

	\$5,925,000	\$5,925,000	\$5,925,000	\$5,925,000
	\$5,998,000	\$5,998,000	\$5,998,000	\$5,998,000
	\$5,804,000	\$5,804,000	\$5,804,000	\$5,804,000
	\$10,296,000	\$10,296,000	\$10,296,000	\$10,296,000
	\$97,000,000	\$97,000,000	\$158,500,000	\$158,504,000
	\$21,160,000	\$21,160,000	\$21,160,000	\$26,739,000
	\$7,838,000	\$7,838,000	\$7,838,000	\$7,838,000
	\$8,700,000	\$8,700,000	\$8,700,000	\$8,700,000
	\$5,191,000	\$5,191,000	\$5,191,000	\$5,191,000
	\$19,700,000	\$19,700,000	\$19,700,000	\$19,700,000
	\$68,100,000	\$68,100,000	\$68,100,000	\$68,100,000
	\$9,611,000	\$9,611,000	\$9,611,000	\$9,611,000
	\$29,600,000	\$29,600,000	\$29,600,000	\$47,200,000
	\$16,700,000	\$16,700,000	\$16,700,000	\$34,500,000
	\$7,286,000	\$7,286,000	\$7,286,000	\$7,286,000
	\$8,770,000	\$8,770,000	\$8,770,000	\$8,770,000
	\$61,333,000	\$61,333,000	\$61,333,000	\$61,333,000
	\$8,039,000	\$8,039,000	\$8,039,000	\$10,248,000
	\$9,860,000	\$9,860,000	\$9,860,000	\$9,860,000
	\$16,778,000	\$16,778,000	\$16,778,000	\$16,778,000
	\$12,781,000	\$12,781,000	\$12,781,000	\$12,781,000
	\$14,534,000	\$14,534,000	\$14,534,000	\$14,534,000
	\$14,900,000	\$14,900,000	\$14,900,000	\$14,900,000
	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000
	\$16,540,000	\$16,540,000	\$21,885,000	\$21,885,000
	\$10,411,000	\$10,411,000	\$9,780,000	\$9,780,000
	\$14,322,000	\$14,322,000	\$14,590,000	\$14,580,000
	\$12,145,000	\$12,145,000	\$12,145,000	\$12,145,000
	\$6,750,000	\$6,750,000	\$6,750,000	\$6,750,000
	\$5,044,000	\$5,044,000	\$5,044,000	\$5,044,000

	\$23,310,000	\$23,310,000	\$23,310,000	\$23,310,000
	\$6,994,000	\$6,994,000	\$6,994,000	\$6,994,000
	\$6,100,000	\$6,081,000	\$6,081,000	\$6,081,000
	\$53,501,000	\$53,501,000	\$53,501,000	\$53,501,000
	\$55,116,000	\$55,116,000	\$64,147,000	\$64,147,000
	\$9,669,000	\$9,669,000	\$9,669,000	\$14,529,000
	\$9,351,000	\$9,351,000	\$9,351,000	\$9,351,000
	\$9,720,000	\$9,720,000	\$9,720,000	\$8,300,000
	\$15,240,000	\$15,240,000	\$15,240,000	\$15,240,000
	\$6,710,000	\$6,710,000	\$6,710,000	\$7,750,000
	\$6,051,000	\$6,051,000	\$6,051,000	\$6,051,000
	\$12,632,000	\$12,632,000	\$12,632,000	\$12,632,000
	\$19,300,000	\$19,300,000	\$19,300,000	\$19,300,000
	\$16,503,000	\$16,503,000	\$16,503,000	\$16,503,000
	\$24,646,000	\$24,646,000	\$24,646,000	\$24,646,000
	\$23,443,000	\$23,443,000	\$23,443,000	\$23,443,000
	\$10,322,000	\$10,322,000	\$10,322,000	\$10,322,000
	\$42,900,000	\$42,900,000	\$42,900,000	\$42,900,000
	\$28,040,000	\$28,040,000	\$28,040,000	\$28,040,000
	\$11,220,000	\$11,220,000	\$11,220,000	\$11,220,000
	\$18,520,000	\$18,520,000	\$18,520,000	\$18,520,000
	\$69,600,000	\$69,600,000	\$69,600,000	\$69,600,000
	\$13,105,000	\$13,105,000	\$13,105,000	\$13,105,000
	\$5,672,000	\$5,672,000	\$5,672,000	\$5,672,000
	\$11,636,000	\$11,636,000	\$11,636,000	\$11,636,000
	\$5,451,000	\$5,451,000	\$5,451,000	\$5,451,000
	\$11,000,000	\$11,045,000	\$11,045,000	\$11,045,000
	\$28,794,000	\$28,794,000	\$28,794,000	\$28,794,000
	\$5,866,000	\$5,866,000	\$5,866,000	\$5,866,000
	\$49,000,000	\$49,000,000	\$49,000,000	\$49,000,000
	\$26,300,000	\$26,300,000	\$26,300,000	\$26,300,000

	\$9,400,000	\$9,400,000	\$9,400,000	\$10,560,000
	\$49,307,000	\$49,307,000	\$49,307,000	\$49,307,000
	\$10,034,000	\$10,034,000	\$10,034,000	\$10,034,000
	\$19,300,000	\$19,300,000	\$19,300,000	\$19,300,000
	\$16,358,000	\$16,358,000	\$16,358,000	\$16,358,000
	\$8,422,000	\$8,422,000	\$8,422,000	\$12,091,000
	\$6,242,000	\$6,242,000	\$6,242,000	\$6,927,000
	\$5,800,000	\$5,782,000	\$5,782,000	\$5,782,000
	\$19,200,000	\$19,200,000	\$27,840,000	\$27,840,000
	\$5,900,000	\$5,880,000	\$5,880,000	\$5,880,000
	\$6,500,000	\$6,500,000	\$6,500,000	\$6,500,000
	\$5,800,000	\$5,800,000	\$5,800,000	\$5,800,000
	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000
	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000
	\$15,264,000	\$17,476,000	\$17,476,000	\$17,476,000
	\$11,024,000	\$10,114,000	\$10,114,000	\$10,114,000
	\$19,100,000	\$19,113,000	\$19,113,000	\$19,113,000
	\$52,000,000	\$52,000,000	\$52,142,000	\$52,142,000
	\$7,541,000	\$7,541,000	\$7,541,000	\$7,541,000
	\$7,342,000	\$7,342,000	\$7,342,000	\$7,342,000
	\$6,024,000	\$6,024,000	\$6,024,000	\$6,024,000
		\$25,950,000	\$25,950,000	\$25,950,000
		\$7,994,000	\$7,994,000	\$7,994,000
			\$20,550,000	\$20,550,000
			\$14,320,000	\$14,320,000
			\$31,280,000	\$31,280,000
			\$56,800,000	\$56,800,000
			\$19,940,000	\$205,400,000
			\$8,493,000	\$8,493,000
			\$35,490,000	\$35,490,000
			\$17,600,000	\$17,600,000
			\$9,200,000	\$9,200,000

			\$10,290,000	\$10,155,000
			\$5,182,000	\$5,182,000
			\$8,020,000	\$8,020,000
			\$7,431,000	\$7,431,000
			\$7,066,000	\$7,066,000
			\$6,194,000	\$6,194,000
			\$5,035,000	\$5,035,000
			\$8,953,000	\$8,953,000
			\$14,800,000	\$14,800,000
			\$19,652,000	\$19,652,000
				\$9,000,000
				\$72,193,000
				\$159,590,000
				\$8,900,000
				\$6,170,000
				\$6,285,000
				\$8,400,000
				\$20,730,000
				\$11,600,000
				\$19,163,000
				\$6,720,000
				\$5,600,000
				\$50,400,000
				\$5,842,000
				\$19,270,000
				\$6,648,000
				\$6,375,000
				\$5,634,000
				\$14,966,000
				\$6,191,000
				\$8,238,000

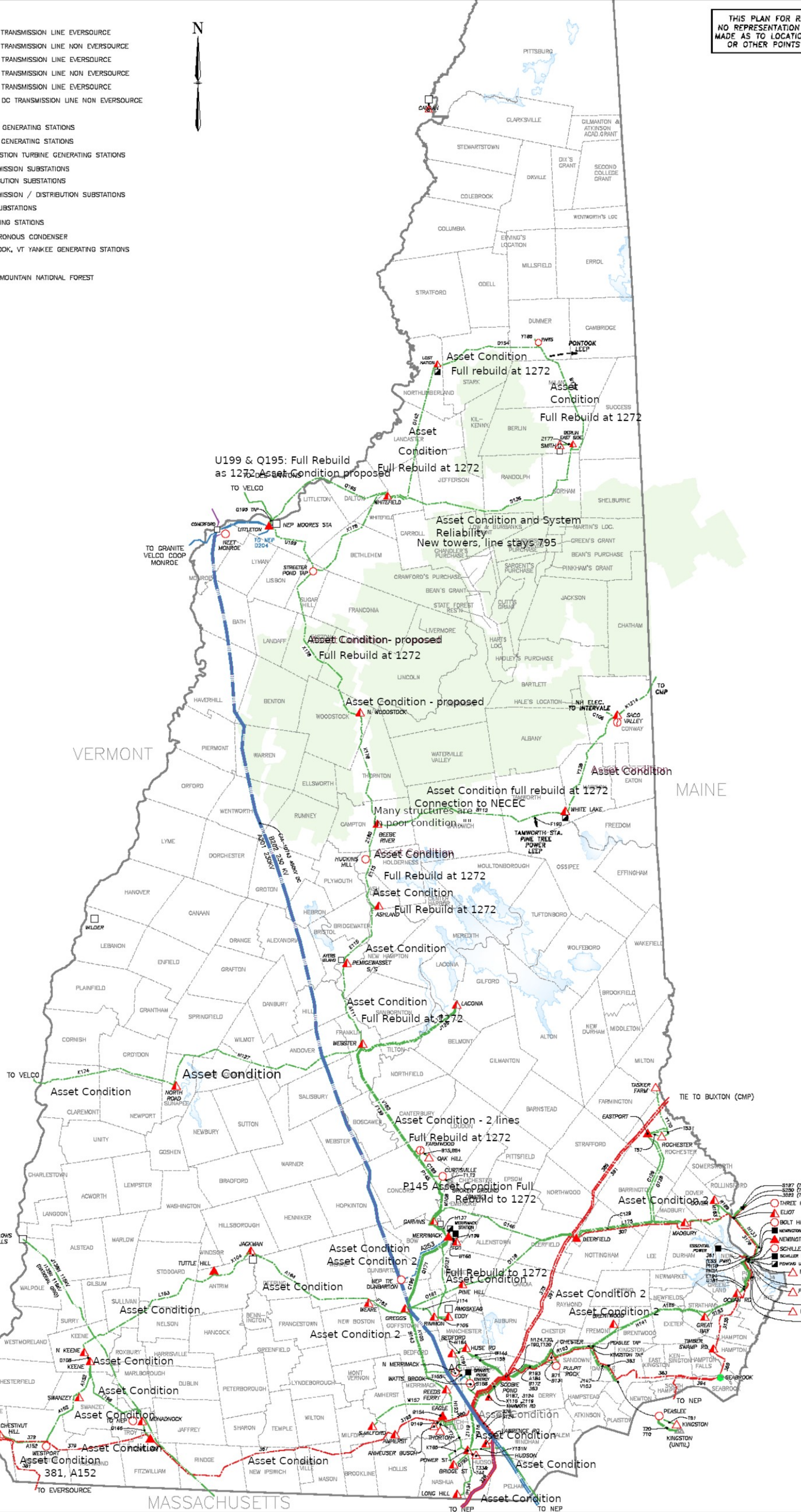
10/7/2019 9:25 AM - S:\Users\System Maps\047943001.dwg - Transmission Map

LEGEND:

- 115KV TRANSMISSION LINE EVERSOURCE
 - 115KV TRANSMISSION LINE NON EVERSOURCE
 - 230KV TRANSMISSION LINE EVERSOURCE
 - 230KV TRANSMISSION LINE NON EVERSOURCE
 - 345KV TRANSMISSION LINE EVERSOURCE
 - 450KV DC TRANSMISSION LINE NON EVERSOURCE
-
- HYDRO GENERATING STATIONS
 - STEAM GENERATING STATIONS
 - COMBUSTION TURBINE GENERATING STATIONS
 - TRANSMISSION SUBSTATIONS
 - DISTRIBUTION SUBSTATIONS
 - TRANSMISSION / DISTRIBUTION SUBSTATIONS
 - GSU SUBSTATIONS
 - SWITCHING STATIONS
 - SYNCHRONOUS CONDENSER
 - SEABROOK, VT YANKEE GENERATING STATIONS
-
- WHITE MOUNTAIN NATIONAL FOREST



THIS PLAN FOR REFERENCE ONLY
NO REPRESENTATION OR WARRANTY IS
MADE AS TO LOCATION OF BOUNDARIES
OR OTHER POINTS OF REFERENCE



NO.	DESCRIPTION	DATE	BY	CHKD
1	SUPPLEMENTAL DESIGN DRAWING #1-B			

EVERSOURCE ENERGY

EVERSOURCE NEW HAMPSHIRE TRANSMISSION SYSTEM MAP

SCALE: 1" = 5 MILES

DATE: 08/28/2019

PROJECT: 047943001

SHEET: 1 OF 1

047943001