						Ma	rch 20
Primary Driver	Section #	Asset Condition ID	State	Primary Equipment Owner	Other Equipment Owner(s)	Footnote Number	Projected In-Service Month/Year
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
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	ational Grid, USA		04/2023
Asset Condition	1a	364	MA	Eversource		06/2024
Asset Condition	1a	365	MA	Eversource		09/2023
Asset Condition	1a	19	СТ	United Illuminating Company		09/2023
Asset Condition	1a	20	СТ	United Illuminating Company		04/2024
Asset Condition	1a	21	СТ	United Illuminating Company		04/2024
Asset Condition	1a	22	СТ	United Illuminating Company		09/2024
Asset Condition	1a	91	СТ	United Illuminating Company		01/2025
Asset Condition	1a	151	СТ	United Illuminating Company		01/2025
Asset Condition	1a	152	СТ	United Illuminating Company		04/2028
Asset Condition	1a	153	СТ	United Illuminating Company		04/2028
Asset Condition	1a	154	СТ	United Illuminating Company		08/2026
Asset Condition	1a	155	СТ	United Illuminating Company		04/2026
Asset Condition	1a	156	СТ	United Illuminating Company		04/2026
Asset Condition	1a	157	СТ	United Illuminating Company		11/2027
Asset Condition	1a	158	СТ	United Illuminating Company		11/2027
Asset Condition	1a	159	СТ	United Illuminating Company		04/2025
Asset Condition	1a	160	СТ	United Illuminating Company		04/2025
Asset Condition	1a	161	СТ	United Illuminating Company		10/2024
Asset Condition	1a	162	СТ	United Illuminating Company		10/2024
Asset Condition	1a	178	СТ	Eversource		03/2023
Asset Condition	1a	216	СТ	Eversource		12/2023
Asset Condition	1a	220	СТ	Eversource		12/2023

Asset Condition	1a	239	СТ	United Illuminating Company		11/2024
Asset Condition	1a	260	СТ	Eversource		12/2023
Asset Condition	1a	265	СТ	Eversource		12/2023
Asset Condition	1a	266	СТ	Eversource		12/2023
Asset Condition	1a	267	СТ	Eversource		12/2023
Asset Condition	1a	268	СТ	Eversource		06/2023
Asset Condition	1a	269	СТ	Eversource		12/2023
Asset Condition	1a	309	СТ	Eversource		10/2023
Asset Condition	1a	310	СТ	Eversource		10/2023
Asset Condition	1a	311	СТ	Eversource		10/2023
Asset Condition	1a	312	СТ	Eversource		07/2023
Asset Condition	1a	355	СТ	Eversource		05/2023
Asset Condition	1a	357	СТ	Eversource		06/2024
Asset Condition	1a	359	СТ	Eversource		12/2023
Asset Condition	1a	360	СТ	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
Asset Condition	1b	369	NH	Eversource		09/2023
Asset Condition	1b	94	MA	National Grid, USA		09/2025
Asset Condition	1b	95	MA	National Grid, USA		09/2025
Asset Condition	1b	96	MA	National Grid, USA		09/2025
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	1 b	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	СТ	Eversource		12/2023
Asset Condition	1b	255	СТ	Eversource		12/2026
Asset Condition	1b	256	СТ	Eversource		12/2026
Asset Condition	1 b	258	СТ	Eversource		06/2024
Asset Condition	1b	259	СТ	Eversource		09/2024
Asset Condition	1b	338	СТ	Eversource		06/2026
Asset Condition	1b	352	СТ	Eversource		06/2025
Asset Condition	1b	356	СТ	Eversource		06/2024
Asset Condition	1b	358	СТ	Eversource		06/2024
Asset Condition	1b	361	СТ	Eversource		09/2023
Asset Condition	1b	362	СТ	Eversource		06/2024
Asset Condition	1 b	363	СТ	Eversource		03/2024
Asset Condition	1b	98	RI	Rhode Island Energy		09/2025
Asset Condition	1b	99	RI	Rhode Island Energy		09/2025
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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

Asset Condition	1a	11	VT	Vermont Electric Power Company		12/2018
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
Asset Condition	1a	5	NH	New Hampshire Transmission		11/2017
Asset Condition	1a	35	NH	Eversource		06/2017
Asset Condition	1a	36	NH	Eversource		03/2018
Asset Condition	1a	51	NH	Eversource		07/2018
Asset Condition	1a	52	NH	Eversource		11/2018
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

Asset Condition	1a	86	NH	New Hampshire Transmission		11/2020
Asset Condition	1a	87	NH	New Hampshire Transmission		06/2022
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
				<u>-</u>		
Asset Condition	1a	6	СТ	Eversource		09/2014
Asset Condition	1a	16	СТ	Eversource		06/2016
Asset Condition	1a	17	СТ	United Illuminating Company		06/2020
Asset Condition	1a	18	СТ	United Illuminating Company		06/2020
Asset Condition	1a	29	СТ	Eversource		09/2017
Asset Condition	1a	30	СТ	Eversource		12/2016
Asset Condition	1a	33	СТ	Eversource		06/2017
Asset Condition	1a	34	СТ	Eversource		12/2018
Asset Condition	1a	39	СТ	Eversource		11/2017
Asset Condition	1a	46	СТ	Eversource		12/2017
Asset Condition	1a	47	СТ	Eversource		05/2019

Asset Condition	1a	48	СТ	Eversource	07/2018
Asset Condition	1a	49	СТ	Eversource	01/2020
Asset Condition	1a	50	СТ	Eversource	11/2019
Asset Condition	1a	67	СТ	Eversource	05/2022
Asset Condition	1a	68	СТ	Eversource	04/2019
Asset Condition	1a	69	СТ	Eversource	12/2018
Asset Condition	1a	70	СТ	Eversource	04/2020
Asset Condition	1a	71	СТ	Eversource	12/2018
Asset Condition	1a	72	СТ	Eversource	12/2018
Asset Condition	1a	73	СТ	Eversource	11/2018
Asset Condition	1a	74	СТ	Eversource	12/2018
Asset Condition	1a	75	СТ	Eversource	12/2018
Asset Condition	1a	76	СТ	Eversource	05/2020
Asset Condition	1a	77	СТ	Eversource	12/2018
Asset Condition	1a	78	СТ	Eversource	12/2018
Asset Condition	1a	79	СТ	Eversource	05/2018
Asset Condition	1a	80	СТ	Eversource	07/2018
Asset Condition	1a	81	СТ	Eversource	09/2018
Asset Condition	1a	82	СТ	Eversource	05/2020
Asset Condition	1a	83	СТ	Eversource	05/2020
Asset Condition	1b	84	СТ	Eversource	12/2018
Asset Condition	1a	89	СТ	Eversource	06/2020
Asset Condition	1a	115	СТ	Eversource	09/2019
Asset Condition	1a	116	СТ	Eversource	01/2019
Asset Condition	1a	117	СТ	Eversource	05/2019
Asset Condition	1a	119	СТ	Eversource	06/2019
Asset Condition	1a	120	СТ	Eversource	10/2020
Asset Condition	1a	122	СТ	Eversource	03/2021
Asset Condition	1a	124	СТ	Eversource	09/2021
Asset Condition	1a	125	СТ	Eversource	12/2018
Asset Condition	1a	126	СТ	Eversource	04/2019
Asset Condition	1a	127	СТ	Eversource	02/2021
Asset Condition	1a	129	СТ	Eversource	08/2020

Asset Condition	1a	130	СТ	Eversource	12/2021
Asset Condition	1a	131	СТ	Eversource	11/2018
Asset Condition	1a	133	СТ	Eversource	09/2018
Asset Condition	1a	134	СТ	Eversource	11/2020
Asset Condition	1a	135	СТ	Eversource	06/2018
Asset Condition	1a	136	СТ	Eversource	04/2018
Asset Condition	1a	137	СТ	Eversource	10/2019
Asset Condition	1a	138	СТ	Eversource	10/2018
Asset Condition	1a	139	СТ	Eversource	08/2021
Asset Condition	1a	140	СТ	Eversource	10/2019
Asset Condition	1a	141	СТ	Eversource	10/2019
Asset Condition	1a	142	СТ	Eversource	12/2018
Asset Condition	1a	143	СТ	Eversource	12/2018
Asset Condition	1a	144	СТ	Eversource	10/2021
Asset Condition	1a	163	СТ	Eversource	12/2020
Asset Condition	1a	164	СТ	Eversource	03/2022
Asset Condition	1b	165	СТ	Eversource	12/2019
Asset Condition	1a	166	СТ	Eversource	11/2021
Asset Condition	1a	167	СТ	Eversource	03/2021
Asset Condition	1a	168	СТ	Eversource	06/2020
Asset Condition	1a	169	СТ	Eversource	08/2019
Asset Condition	1a	170	СТ	Eversource	07/2022
Asset Condition	1a	171	СТ	Eversource	12/2019
Asset Condition	1a	172	СТ	Eversource	03/2022
Asset Condition	1a	173	СТ	Eversource	11/2021
Asset Condition	1a	174	СТ	Eversource	07/2019
Asset Condition	1a	175	СТ	Eversource	10/2019
Asset Condition	1a	176	СТ	Eversource	12/2020
Asset Condition	1a	177	СТ	Eversource	07/2019
Asset Condition	1a	193	СТ	Eversource	12/2019
Asset Condition	1a	197	СТ	United Illuminating Company	10/2019
Asset Condition	1a	214	СТ	Eversource	03/2021

Asset Condition	1a	215	СТ	Eversource		12/2020
Asset Condition	1a	217	СТ	Eversource		08/2021
Asset Condition	1b	218	СТ	Eversource		10/2021
Asset Condition	1a	219	СТ	Eversource		08/2022
Asset Condition	1a	221	СТ	Eversource		09/2022
Asset Condition	1a	222	СТ	Eversource		06/2020
Asset Condition	1a	223	СТ	Eversource		09/2021
Asset Condition	1a	224	СТ	Eversource		05/2022
Asset Condition	1a	225	СТ	Eversource		12/2022
Asset Condition	1a	227	СТ	Eversource		11/2021
Asset Condition	1a	228	СТ	Eversource		04/2021
Asset Condition	1a	229	СТ	Eversource		02/2021
Asset Condition	1a	230	СТ	Eversource		06/2022
Asset Condition	1a	231	СТ	Eversource		04/2020
Asset Condition	1a	241	СТ	Eversource		05/2021
Asset Condition	1a	242	СТ	Eversource		08/2021
Asset Condition	1a	243	СТ	Eversource		06/2021
Asset Condition	1a	244	СТ	Eversource		09/2021
Asset Condition	1a	245	СТ	Eversource		04/2022
Asset Condition	1a	246	СТ	Eversource		12/2018
Asset Condition	1a	247	СТ	Eversource		12/2018
Asset Condition	1a	257	СТ	Eversource		12/2021
Asset Condition	1a	261	СТ	Eversource		03/2022
Asset Condition	1a	262	СТ	Eversource		10/2022
Asset Condition	1a	263	СТ	Eversource		12/2022
Asset Condition	1a	264	СТ	Eversource		01/2022
Asset Condition	1a	292	СТ	Eversource		12/2021
Asset Condition	1a	302	СТ	Eversource		05/2022
Asset Condition	1a	303	СТ	Eversource		06/2022
Asset Condition	1a	313	СТ	Eversource		04/2022
Asset Condition	1a	314	СТ	Eversource		06/2022

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Asset Condition	1a	1	MA	Eversource		06/2016
Asset Condition	1a	2	MA	National Grid, USA		10/2016
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
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
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
Asset Condition	1a	272	RI	Rhode Island Energy		12/2022
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Asset Condition	1b	93	VT	National Grid, USA		09/2025
Asset Condition	1b	106	NH	Eversource		12/2023
Asset Condition	1b	118	СТ	Eversource		12/2020
Asset Condition	1 b	121	СТ	Eversource		12/2020
Asset Condition	1b	123	СТ	Eversource		12/2020
Asset Condition	1a	128	СТ	Eversource		12/2019
Asset Condition	1b	132	СТ	Eversource		12/2020
Asset Condition	1b	226	СТ	Eversource		12/2023
Asset Condition	1b	234	MA	National Grid, USA		10/2026

Notes:

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. Or 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 conc Proposed - Asset owner has determined that the solution is approplanted - PPA has been approved, if needed. Costs must be provuder Construction - Implementation of project is underway Cost 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
- 2. If the asset condition issue is on the PT

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

3. If the asset condition issue is only on th

23 ISO-NEW ENGLAND Asset Condition Update - IS

Asset Condition Grouping	Description	Mar-16 Status
7.55ct Condition Crouping	Table A	Julia
	Maine	
	New Hampshire	
	Webster-Beebe River 115 kV Corridor Asset Condition and OPGW Project - E115 Line	
	Webster-Beebe River 115 kV Corridor Asset Condition and OPGW Project - Z180 Line	
	Moore #20 Substation Asset Condition and Separation	
	Laminated Wood Structure Replacement Program Phase II - A152 115 kV Line	
	P145 Line Rebuild - Asset Condition and OPGW	
	Deerfield Station 345 kV Breaker Replacements	
	Timber Swamp Station 345 kV Breaker Replacements	
	Line 373 Asset Condition Wood Structure Replacements	
	Line 326 Asset Condition Wood Structure Replacements	
	Line 385 Asset Condition Wood Structure Replacements	
	Line 391 Asset Condition Wood Structure Replacements	
	Line C196 Asset Condition Wood Structure Replacements	
	Scobie Pond Station 345 kV Trench Replacement & Control House Expansion Project	
	Greggs Substation Rebuild	
	Eagle Substation 345/115 kV Autotransformer Replacement	
	115 kV Structure Replacements and OPGW Installation - P106 Line	
	115 kV Structure Replacements and OPGW Installation - Q171 Line	
	Line 381/379 Optical Ground Wire Upgrade	
	Vermont	
	Line 340 Asset Condition Structure Refurbishment	
	Vernon #13 Substation Asset Replacements	
	Line K24 Asset Condition Structure Refurbishment	

Line K42 Asset Condition Line Replacement	
Line K21 Asset Condition Line Refurbishment	
Line K32 Asset Condition Line Refurbishment	
Line K50 Asset Condition Line Refurbishment	
Middlebury Substation Asset Condition Refurbishment	

Massachusetts

	Rebuild Bourne Substation as a breaker and one half scheme	
	Kingston Substation #735 Asset Condition Replacement	
	115 kV GIS breaker replacement at Kingston Street #514 Substation	
	K Street #385 115 kV Control House	
	Mystic #250 115 kV Control House	
NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 2	
	Lexington Station #320 Asset Condition Upgrade Project	
	Canal Station #980 BPS and Asset Condition Upgrade Project	
	Carpenter Hill Control House Rebuild	
	327 Line Asset Condition Refurbishments	
	315 Line Asset Condition Refurbishments - MA Portion	
	110-510 & 110-511 lines 115 kV HPFF refurbishment	
	A-1 & B-2 69 kV Line Asset Condition Project	
	Copper Conductor and Shield Wire Replacement - Line 1231/1242	
	V-148S Asset Condition Refurbishment and Switch Replacement - MA Portion	
	Millbury #2 Substation Protection Scheme Upgrade and Asset Condition Refurbishments	
	282-520 & 282-521 115 kV Lines HPFF Refurbishment	
	V-174 115 kV Line Asset Condition Refurbishments and OPGW installation	
	115 kV Structure Replacements and Shield Wire - 191 Line	
	115 kV Line Structure and OPGW Replacements - Line 1428	
	Construct new Stafford Street Substation	
	K-137/L-138W 115 kV Lines Pilot Protection Scheme	

Holbrook Station 345/115 kV Autotransformer Replacement	
326 345kV Line Structure Replacements	
High Hill Station 644 Control House Replacement	
Asset Condition Wood Structure Replacements - 389 345 kV Line	

Connecticut

	Connecticut	
UI Coastal Substation Flood Mitigation Study Project	Congress 115 kV Substation Flood Wall	
UI Coastal Substation Flood Mitigation Study Project	Grand Avenue - Mill River 115 kV Substation Flood Wall	
UI Coastal Substation Flood Mitigation Study Project	Singer 345kV Substation Flood Wall	
UI Coastal Substation Flood Mitigation Study Project	Pequonnock 115kV Substation rebuild with a new substation adjacent to the existing one	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 8809A-2 Line (Pequonnock-Congress)	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 8809B-2 Line (Pequonnock - Congress)	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild portion of 1130 Line (Pequonnock - UI Str. B737)	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 1430 Line (Ash Creek - ESE Str. B648)	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 91001-1 Line (Pequonnock - Bridgeport Resco) & 91001-2 Line (Bridgeport Resco - Ash Creek)	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 88005A-1 Line (Milvon - Woodmont)	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 88005B-1 Line (Milvon - Woodmont)	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 8804A Line (Woodmont - Allings Crossing)	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 8804B Line (Woodmont - Allings Crossing)	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 88003A-3 Line (Allings Crossing - Elmwest)	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 88003B-3 Line (Allings Crossing - Elmwest)	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 88003A-2 Line (Elmwest - West River)	
Railroad Corridor Transmission Line Asset Condition Upgrades	Rebuild 88003B-2 Line (Elmwest - West River)	
	345 kV Structure Replacement Projects - Line 3754	
	115 kV Wood Pole Replacement - 1080	
	115 kV Wood Pole and Shield Wire Replacement - 1280	
	I	

Derby Junction to Ansonia Corridor 115 kV Transmission Upgrades	
Copper Conductor and Shield Wire Replacement - Line 1825	
345 kV Line Structure and PINCO insulator Replacement - Line 383	
345 kV Line Structure and PINCO insulator Replacement - Line 387	
345 kV Line Structure and PINCO insulator Replacement - Line 3041	
345 kV Line Structure and PINCO insulator Replacement - Line 3424	
345 kV Line Structure and PINCO insulator Replacement - Line 3754	
Southwest Connecticut (SWCT) Substation Relay Upgrades - Glenbrook 115 kV	
Southwest Connecticut (SWCT) Substation Relay Upgrades - Plumtree 115 kV and 345 kV	
Southwest Connecticut (SWCT) Substation Relay Upgrades - Norwalk 115 kV and 345 kV	
Laminated Wood Structure Replacement Program Phase II - 3403 345 kV Line	
115 kV Structure Replacements and OPGW Installation - 1783 Line	
115 kV Line Asset Condition and OPGW Project - Line 1772	
 345 kV Structure Replacements and OPGW Installation - 362 Line	
East Devon 345/115 kV Relay Upgrades	

Rhode Island

315 Line Asset Condition Refurbishments - RI Portion	
G-185S/L-190 115 kV OPGW Installation from Davisville Tap to West Kingston (L-190 to Wickford Junction)	

Table B Maine New Hampshire

NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 3	
	Asset Condition Wood Structure Replacements - C196 115 kV Line	

Vermont Massachusetts

NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 5	
NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 4	
NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 3	
	Deerfield #4 Substation Asset Replacements	
	Ludlow 19S 345 kV Full BPS Separation and Asset Condition Project	

	Edgar Station #150 Brown Glass and Obsolete Equipment Replacement	
	Bridgewater #16 Substation Asset Condition Upgrades	
	Tewksbury #22 Substation Asset Condition Replacements	
	E-5/F-6 69kV Line Asset Condition Refurbishments	
	Northfield Mountain Substation 345 kV Breaker Replacements	
	Maplewood #16 Substation Asset Replacements	
	Connecticut	
	115 kV Wood Pole Replacement - 1000	
	Copper Conductor and Shield Wire Replacement - Line 1560/1808	
	Copper Conductor and Shield Wire Replacement - Line 1580/1142/1808	
	Copper Conductor and Shield Wire Replacement - Line 1268/1485/1622/1887	
	Copper Conductor and Shield Wire Replacement - Line 1163/1550	
	Millstone Substation 345 kV Breaker Replacements	
	Trumbull - Norwalk Corridor Partial 115 kV Line Rebuilds - 1637/1720 and 1714/1720/1222 Lines	
	115 kV Line Asset Condition and OPGW Project - Line 348	
	345 kV Structure Replacements and OPGW Installation - 3041 Line	
	115kV Lattice Tower and Shield Wire Replacements - 1261/1598 Line	
	115kV Lattice Tower, Shield Wire, and Conductor Replacements - 1355/1610 Line	
	Asset Condition Wood Structure Replacements - 1208 115 kV Line	
	Rhode Island	
NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 5	
NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 4	
	In-Service	
	Maine	
	Section 388 & 3023 Structure Replacement	
	Section 396 & 3001 Structure Replacement	
	Vermont	
Essex STATCOM Refurbishment	Replace Essex STATCOM power electronics and controls	Proposed

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 will be replaced every year based on outage availability	
	Sand Bar Substation - Mitigate several Asset Condition concerns: Control House, P&C, circuit breakers, switches	
	Berlin Substation - Mitigate several Asset Condition concerns: Control House, P&C, circuit breakers & switches. Install a second protection system.	
	Line K41 Asset Condition Structure Refurbishment	
	Line K22 Asset Condition Structure Refurbishment	
	Line K34 Asset Condition Structure Refurbishment	

New Hampshire

Seabrook 345 kV GIS Breaker Removal and Bus Upgrade	Phase 1 - Remove Breaker 22, remove Bus 4 and upgrade sections of Bus 2	Proposed
Seabrook 345 kV GIS Breaker Removal and Bus Upgrade	Phase 2 - Remove Breaker 11 and upgrade sections of Bus 1	Proposed
	Scobie Pond TB30 345/115 kV transformer replacement project	
	Install two 40 MVAR reactors on the Scobie 115 kV bus, to accommodate the loss of the reactors connected on the 13.8 kV teriary winding of the TB30 transformer	
Eversource Energy Autotransformer Replacement Plan	Replace the Deerfield TB-14 autotransformer and bus upgrades to accommodate new transformer specifications	
Eversource Energy Autotransformer Replacement Plan	Replace the Littleton TB-41 autotransformer and bus upgrades to accommodate new transformer specifications	
	345 kV Structure Replacement Project - Line 307	
	345 kV Structure Replacement Project - Line 326	
	345 kV Structure Replacement Project - Line 367	
	345 kV Structure Replacement Project - Line 379	
	345 kV Structure Replacement Project - Line 381	
	345 kV Structure Replacement Project - Line 391	
Seabrook 345 kV GIS Switchyard Like-for Like Equipment Replacement	Phase 1 of mulit-phase project involving like for like equipment replacement. Phase 1 included replacing three approximately 1,000 ft. long horizontal gasinsulated 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.	

Seabrook 345 kV GIS Switchyard Phase 2 Equipment Replacement Part of Asset Condition #85	Phase 2 of mulit-phase project involving like for like equipment replacement. Phase 2 includes replacing three approximately 1,000 ft. long horizontal gasinsulated 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.	
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 gasinsulated 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.	
	115 kV Structure Replacement Project - Line A126	
	115 kV Structure Replacement Project - Line H123	
	115 kV Structure Replacement Project - Line H141	
	115 kV Structure Replacement Project - Line K174	
	115 kV Structure Replacement Project - Line L163	
	115 kV Structure Replacement Project - Line A152	
	345 kV Structure Replacement Projects - Line 326	
	345 kV Structure Replacement Projects - Line 367	
	345 kV Structure Replacement Projects - Line 373	
	345 kV Structure Replacement Projects - Line 379	
	345 kV Structure Replacement Projects - Line 381	
	345 kV Structure Replacement Projects - Line 385	
	345 kV Structure Replacement Projects - Line 391	
	115 kV Wood Pole Replacement - B143	
	115 kV Wood Pole Replacement - C129	
	115 kV Wood Pole Replacement - F139	
	115 kV Wood Pole Replacement - G128	
	115 kV Wood Pole Replacement - K105	
	115 kV Wood Pole and Shield Wire Replacement - K174	
	115 kV Wood Pole Replacement - L175	
	115 kV Wood Pole and Shield Wire Replacement - M127	
	115 kV Wood Pole and Shield Wire Replacement - Y138	
	Copper Conductor and Shield Wire Replacement Projects - C129 Line	
	Copper Conductor and Shield Wire Replacement Projects - D108 Line	
	Copper Conductor and Shield Wire Replacement Projects - G128 Line	
	Copper Conductor and Shield Wire Replacement Projects - L163 Line	

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Copper Conductor and Shield Wire Replacement Projects - X104	
Amherst substation Protection & Controls Upgrades	
Webster-Beebe River 115 kV Corridor Asset Condition and OPGW Project - A111 Line	
345 kV Line Structure Replacements - Line 373	
Eddy Substation Control House Relocation and Rebuild	
NH 115 kV Laminated Wood Structure Replacement Program Phase I - G128 Line	
NH 115 kV Laminated Wood Structure Replacement Program Phase I - L175 Line	
NH 115 kV Laminated Wood Structure Replacement Program Phase I - K105 Line	
NH 115 kV Laminated Wood Structure Replacement Program Phase I - X116 Line	
NH 115 kV Laminated Wood Structure Replacement Program Phase I - Z119 Line	
115 kV Structure and Shield Wire Replacements - Line D121	
Laminated Wood Structure Replacement Program Phase II - V191 115 kV Line	
115 kV Structure and Shield Wire Replacements - T198 Line	
Laminated Wood Structure Replacement Program Phase II - R187 115 kV Line	
Laminated Wood Structure Replacement Program Phase II - S188 115 kV Line	
Laminated Wood Structure Replacement Program Phase II - M164 115 kV Line	
Line 379 Asset Condition Wood Structure Replacements	

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
	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 & CT.	
	East Shore 345 kV circuit switcher replacement project. Replace 345 kV circuit switchers with dead tank breakers	
UI Coastal Substation Flood Mitigation Study Project	East Shore - Raising Impacted 115 kV Equipment	_
	1620/1975 line structure replacement	
	3424 line Asset Condition and Storm Hardening	
	1410 and 100 Line Structure Replacements	
	Devon Control House Modifications	
	3419 line (portion in Connecticut) asset condition and OPGW project	
	Southern CT Loop Line Structure Replacements - 1261/1598 115 kV	
	Southern CT Loop Line Structure Replacements - 1342 115 kV	

	Southern CT Loop Line Structure Replacements - 1508 115 kV	
	Southern CT Loop Line Structure Replacements - 1655 115 kV	
Eversource Energy Autotransformer Replacement Plan	Replace the Card 11F-5X autotransformer. Foundation and bus upgrades to accommodate new transformer specifications	
	Manchester Control House Expansion	
	Card-Montville-Tunnel Corridor Asset Condition and OPGW Installation Project	
	Oil Circuit Breaker Replacement Project at the Frost Bridge Substation	
	Oil Circuit Breaker Replacement Project at the Plumtree Substation	
	345 kV Structure Replacement Project - Line 310	
	345 kV Structure Replacement Project - Line 321	
	345 kV Structure Replacement Project - Line 330	
	345 kV Structure Replacement Project - Line 348	
	345 kV Structure Replacement Project - Line 364	
	345 kV Structure Replacement Project - Line 371	
	345 kV Structure Replacement Project - Line 383	
	345 kV Structure Replacement Project - Line 387	
	345 kV Structure Replacement Project - Line 398	
	345 kV Structure Replacement Project - Line 3041	
	345 kV Structure Replacement Project - Line 3642	
	Laminated Structure Replacement Project - Line 1505/1607	
	Laminated Structure Replacement Project - Line 1675/1080	
	Laminated Structure Replacement Project - Line 1921	
	Montville 16X Transformer Replacement	
	1608 115 kV Line Cable Replacement	
	1880 115 kV Line Cable Replacement	
	115 kV Structure Replacement Project - Line 1050	
	115 kV Structure Replacement Project - Line 1256	
	115 kV Structure Replacement Project - Line 1261/1598	
	115 kV Structure Replacement Project - Line 1310	
	115 kV Structure Replacement Project - Line 1448	
	115 kV Structure Replacement Project - Line 1565	
	115 kV Structure Replacement Project - Line 1620	
	115 kV Structure Replacement Project - Line 1635	
	115 kV Structure Replacement Project - Line 1726	

115 kV Structure Replacement Project - Line 1465	
115 kV Structure Replacement Project - Line 1751	
115 kV Structure Replacement Project - Line 1759	
115 kV Structure Replacement Project - Line 1765	
115 kV Structure Replacement Project - Line 1766	
115 kV Structure Replacement Project - Line 1767	
115 kV Structure Replacement Project - Line 1769	
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)	
115 kV Structure Replacement Project - Line 1772	
115 kV Structure Replacement Project - Line 1783	
115 kV Structure Replacement Project - Line 1785	
115 kV Structure Replacement Project - Line 1768-CT	
115 kV Structure Replacement Project - Line 1910	
Millstone Substation 15G High Creep Insulator Replacement	
667 69 kV line rebuild and asset condition project	
345 kV Structure Replacement Projects - Line 310	
345 kV Structure Replacement Projects - Line 321	
345 kV Structure Replacement Projects - Line 330	
345 kV Structure Replacement Projects - Line 348	
345 kV Structure Replacement Projects - Line 352	
345 kV Structure Replacement Projects - Line 362	
345 kV Structure Replacement Projects - Line 364	
345 kV Structure Replacement Projects - Line 368	
345 kV Structure Replacement Projects - Line 383	
345 kV Structure Replacement Projects - Line 387	
345 kV Structure Replacement Projects - Line 3041	
345 kV Structure Replacement Projects - Line 3252	
345 kV Structure Replacement Projects - Line 3419	
345 kV Structure Replacement Projects - Line 3424	
 115 kV Structure Replacement Projects - Line 1470	
1130 Line Optical Ground Wire (OPGW) Replacement	
115 kV Wood Pole Replacement - 1042	

115 kV Wood Pole and Shield Wire Replacement - 1043	
115 kV Wood Pole Replacement - 1208	
 115 kV Wood Pole and Shield Wire Replacement - 1232	
115 kV Wood Pole and Shield Wire Replacement - 1256	
115 kV Wood Pole and Shield Wire Replacement - 1410	
115 kV Wood Pole Replacement - Line 1505	
115 kV Wood Pole Replacement - 1607	
115 kV Wood Pole and Shield Wire Replacement - 1618	
115 kV Wood Pole and Shield Wire Replacement - 1732	
115 kV Wood Pole Replacement - 1756	
115 kV Wood Pole and Shield Wire Replacement - 1765	
115 kV Wood Pole and Shield Wire Replacement - 1766	
115 kV Wood Pole Replacement - 1910	
115 kV Line Rebuild and Asset Condition Project - Line 1355	
Glenbrook STATCOM Replacement	
Horton Cove Asset Condition and OPGW Project	
115 kV Lattice Tower Asset Condition and OPGW Project - Line 1768	
 115 kV Copper Conductor and Wood Pole Replacement - Line 1191	
Southington Substation Relay Replacement Project	
 Prior Year Wood Structure Asset Condition Replacement - Line 329 345 kV	
Prior Year Wood Structure Asset Condition Replacement - Line 352 345 kV	
Copper Conductor and Shield Wire Replacement - Line 1588	
115 kV Wood Pole and Shield Wire Replacement 2020-2023 - Line 1465	
345 kV Line Structure and PINCO insulator Replacement - Line 310	
345 kV Line Structure Replacement - Line 330	
345 kV Line Structure and PINCO insulator Replacement - Line 368	
 Branford 11J A3 Bus Replacement Project	
690 Line Rebuild and Asset Condition Project	
 115 kV Wood Pole Replacement - Line 1751	
345 kV Structure and Shield Wire Replacements - 329 Line	
345 kV Structure and Shield Wire Replacements - 352 Line	

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
Crystal Lake Substation Upgrades	Crystal Lake Substation Upgrades	Under Construction
	115 kV line 136 Falmouth Tap - West Barnstable Complete structure replacements	In-service
	381 Line Structure Replacements	In-service
	354 Line Structure Replacements	In-service
	312 Line Structure Replacements	In-service
	Doreen-Oswald Jct. 1211 115 kV Line Structure Replacement	
	Ludlow-Thorndike-Palmer (WMA portion) of the X176 115 KV Line Rebuild	
	1231/1242 Line Clearance remediation Project	
	Install a new Medway control house which is to be built to BPS standards in a location within the existing station footprint.	
	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	
	345 kV GIS breaker replacements at Kingston Street #514	
	West Medway Substation #446 Asset Condition Upgrade	
	New Mt. Tom protection system control house	
	3419 line (portion in Massachusetts) asset condition and OPGW project	
	Salem Harbor Substation - 115 kV oil circuit breaker replacements	
	Scotia Street Substation Project	
	Brighton #329 115 kV Control House	
	345 kV 354 Line Structure Replacements	
	1231/1242 Structure Replacement Project	
	Oil Circuit Breaker Replacement Project at the Agawam Substation	
	345 kV Structure Replacement Project - Line 393	
	Laminated Structure Replacement Project - Line 1512	
	Laminated Structure Replacement Project - Line 1211/1161	
NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 1	
	Robinson Avenue Station #102 Asset Condition Upgrades	
	349X/Y 345 kV Cable Replacement	
	115 kV Structure Replacement Project - Line 65-508	
	115 kV Structure Replacement Project - Line 1327	
	115 kV Structure Replacement Project - Line 1428	
	115 kV Structure Replacement Project - Line 1447	
	115 kV Structure Replacement Project - Line 1962	

	115 kV Structure Replacement Project - Line 1768-MA	
	115 kV Structure Replacement Project - Line F132	
	303 Line Asset Condition Refurbishments	
	3520 Line Asset Condition Refurbishments	
	345 kV Structure Replacement Projects - Line 336	
	345 kV Structure Replacement Projects - Line 3361	
	345 kV Structure Replacement Projects - Line 312	
	345 kV Structure Replacement Projects - Line 354	
	345 kV Structure Replacement Projects - Line 381	
	345 kV Structure Replacement Project - Line 393	
	345 kV Structure Replacement Projects - Line 3419	
	115 kV Wood Pole Replacement - 1161	
	115 kV Wood Pole Replacement - 1421	
	115 kV Wood Pole Replacement - 1512	
	115 kV Wood Pole and Shield Wire Replacement - 1394	
	115 kV Wood Pole and Shield Wire Replacement - Line 1858	
	115 kV Wood Pole and Shield Wire Replacement - 1976	
	115 kV Granville Junction to Atwater 1853 line (formerly 1512) OPGW Project	
Boston 2028 Project	Rebuild the Golden Hills #90 Substation	
	Prior Year Wood Structure Asset Condition Replacement - Line 338 345 kV	
	Prior Year Wood Structure Asset Condition Replacement - Line 455-507 115 kV	
	345 kV Line Structure Replacement - Line 312	
	345 kV Line Structure Replacement - Line 319	
	345 kV Line Structure Replacement - Line 338	
	115 kV Wood Pole Asset Condition Project - Line 455-507	
	S-145/T-146 115 kV Line Reconductoring - North Reading Substation to Wallace Substation	
	C-129N/D-130 115 kV Line Fiber Installation	
	X-176 115 kV Line Asset Condition Refurbishments	
	115 kV Structure Replacements - Line 456-522	
	115 kV Structure Replacements - Line 240-510	
	230 kV Structure Replacements - Line 342-603	
	478-508 & 478-509 115 kV Lines Asset Condition & OPGW	
	M-139/N-140 115 kV Lines Pilot Protection Schemes	

	115 kV Structure Replacements and Shield Wire - 117 Line	
	115 kV Structure Replacements - 211-508 Line	
	115 kV Structure Replacements - 391-508 Line	
	115 kV Structure Replacements - 533-508 Line	
	Rhode Island	
NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 1	
	V-148S Asset Condition Refurbishment and Switch Replacement - RI Portion	
	CANCELLED PROJECTS	
NPCC Directory #1 Protection Modifications	NPCC Directory #1 Protection Modifications - Phase 4	
	115 kV Structure Replacement Project - Line X178	
	115 kV Structure Replacement Project - Line 1191	

THE CO DIRECTORY WITH TOTAL CONTINUE AND A PROPERTY OF THE CO.	
115 kV Structure Replacement Project - Line X178	
115 kV Structure Replacement Project - Line 1191	
115 kV Structure Replacement Project - Line 1280	
115 kV Structure Replacement Project - Line 1410	
115 kV Structure Replacement Project - Line 1675	
115 kV Structure Replacement Project - Line 1756	
115 kV Wood Pole Replacement - 1751	
Chestnut Hill #702 Substation Asset Replacements	
	115 kV Structure Replacement Project - Line X178 115 kV Structure Replacement Project - Line 1191 115 kV Structure Replacement Project - Line 1280 115 kV Structure Replacement Project - Line 1410 115 kV Structure Replacement Project - Line 1675 115 kV Structure Replacement Project - Line 1756 115 kV Wood Pole Replacement - 1751

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

iginal categories are not changed when a project is placed In-service or Cancelled

dition issue that has been presented to PAC or TOPAC. Costs are not provided opriate to address the asset condition issue and the solution has been presented to the livided

ts must be provided

I the PTF cost is greater than \$5M, a presentation will be made to the PAC and the project F and non-PTF, a presentation will be made to the TOPAC and if the cost of the PTF portice

ne non-PTF, but the corrective action results in changes to the PTF, a presentation will be	

(O-NE Public								
	Oct-22 Status	Mar-23 Status	PPA (I.3.9) Approval	TCA Approval	Mar-16 Estimated PTF Costs	Oct-22 Estimated PTF Costs	Mar-23 Estimated PTF Costs		

\$37,200,000

\$39,690,000

\$15,240,000

Under

Construction

Planned

Under

Construction

Under

Construction

Planned

Under

Construction

NR

7/20/2022

NR

1/29/2021

No

8/20/2021

\$37,200,000

\$39,690,000

\$15,240,000

Under Construction	Under Construction	7/15/2021	No	\$64,147,000	\$64,147,000
Planned	Planned	7/15/2021	No	\$9,669,000	\$14,529,000
Proposed	Planned	12/14/2022	No	\$49,307,000	\$49,307,000
Under Construction	Under Construction	NR	No	\$17,476,000	\$17,476,000
Under Construction	Under Construction	8/19/2022	No	\$52,142,000	\$52,142,000
Under Construction	Under Construction	NR	No	\$5,182,000	\$5,182,000
Proposed	Under Construction	NR	No	\$7,431,000	\$7,431,000
Proposed	Under Construction	NR	No	\$7,066,000	\$7,066,000
Proposed	Under Construction	NR	No	\$6,194,000	\$6,194,000
Proposed	Under Construction	NR	No	\$5,035,000	\$5,035,000
Proposed	Under Construction	NR	No	\$8,953,000	\$8,953,000
Proposed	Under Construction	NR	No	\$14,800,000	\$14,800,000
Proposed	Under Construction	NR	No	\$19,652,000	\$19,652,000
	Under Construction	11/16/2022	No		\$72,193,000
	Under Construction	9/22/2022	No		\$6,375,000
	Under Construction	NR	No		\$5,634,000
	Under Construction	NR	No		\$14,966,000
	Under Construction	NR	No		\$8,238,000

Planned	Planned	3/17/2022	No		\$49,000,000	\$49,000,000
Under Construction	Under Construction	NR	No		\$20,550,000	\$20,550,000
Under Construction	Under Construction	NR	No		\$14,320,000	\$14,320,000
Under Construction	Under Construction	NR	No		\$31,280,000	\$31,280,000
	Planned	NR	No			\$9,000,000
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Under Construction	Under Construction	4/30/2018	8/21/2021		\$69,893,000	\$69,893,000
Under Construction	Under Construction	4/30/2018	6/1/2022		\$10,428,000	\$10,428,000
Under Construction	Under Construction	NR	7/1/2020		\$46,838,000	\$46,838,000
Under Construction	Under Construction	NR	4/17/2018		\$18,402,000	\$18,402,000
Under	Under	NR	4/17/2018		\$41,113,000	\$41,113,000
Construction Under	Construction Under Construction	NR	No		\$17,732,000	\$17,732,000
Construction Under Construction	Under Construction	NR	7/1/2020		\$16,612,000	\$16,612,000
Under Construction	Under Construction	NR	6/30/2020		\$17,925,000	\$17,925,000
Under Construction	Under Construction	NR	4/11/2022		\$14,485,000	\$14,485,000
Under Construction	Under Construction	NR	1/29/2021		\$87,877,000	\$87,877,000
Under	Under Construction	NR	1/29/2021		\$99,072,000	\$99,072,000
Under Construction	Under Construction	4/29/2020	6/3/2022		\$97,995,000	\$97,995,000
Planned	Planned	6/2/2020	No		\$325,430,000	\$325,430,000
Proposed	Under Construction	10/19/2022	No		\$158,500,000	\$158,504,000
Under	Under Construction	3/17/2022	1/30/2023		\$9,780,000	\$9,780,000
Construction Under	Under	NR	4/11/2022		\$28,040,000	\$28,040,000
Construction Planned	Construction Planned	8/23/2021	No		\$69,600,000	\$69,600,000
Under	Under	NR	10/31/2022		\$26,300,000	\$26,300,000
Construction Under	Construction Under	NR	2/7/2023		\$27,840,000	\$27,840,000
Construction Proposed	Construction Under	7/20/2022	No		\$7,994,000	\$7,994,000
Planned	Construction Under	6/2/2020	No		\$56,800,000	\$56,800,000
Planned	Construction Under	NR	2/7/2023		\$19,940,000	\$205,400,000
Fiailileu	Construction	INK	2/11/20/23		Φ19,94U,UUU	Φ205,400,000

Under Construction NR No \$8,900,000 Planned NR No \$19,270,000 Planned NR No \$6,648,000	Proposed	Under Construction	9/22/2022	No	\$10,290,000	\$10,155,000
			NR	No		\$8,900,000
Planned NR No \$6,648,000		Planned	NR	No		\$19,270,000
		Planned	NR	No		\$6,648,000

Under Construction	Under Construction	NR	7/19/2022	\$35,190,000	\$35,190,000
Planned	Planned	NR	No	\$41,800,000	\$41,800,000
Under Construction	Under Construction	NR	5/17/2022	\$26,450,000	\$26,450,000
Under Construction	Under Construction	12/28/2016	4/11/2022	\$106,106,899	\$106,106,899
Planned	Planned	1/28/2019	No	\$17,422,320	\$17,422,320
Planned	Planned	1/28/2019	No	\$17,422,320	\$17,422,320
Planned	Planned	1/28/2019	No	\$21,493,614	\$21,493,614
Planned	Planned	1/28/2019	No	\$71,391,220	\$71,391,220
Planned	Planned	1/28/2019	No	\$51,963,324	\$51,963,324
Planned	Planned	1/28/2019	No	\$40,124,764	\$69,080,000
Planned	Planned	1/28/2019	No	\$40,124,764	\$69,080,000
Planned	Planned	1/28/2019	No	\$28,940,339	\$51,810,000
Planned	Planned	1/28/2019	No	\$28,940,339	\$51,810,000
Planned	Planned	1/28/2019	No	\$14,700,532	\$25,905,000
Planned	Planned	1/28/2019	No	\$14,700,532	\$25,905,000
Planned	Planned	1/28/2019	No	\$14,544,175	\$25,905,000
Planned	Planned	1/28/2019	No	\$14,544,175	\$25,905,000
Under Construction	Under Construction	NR	No	\$8,200,000	\$8,200,000
Proposed	Under Construction	NR	No	\$24,180,000	\$23,574,000
Under Construction	Under Construction	NR	No	\$13,956,000	\$19,726,000

Planned	Planned	NR	No	\$36,000,000	\$36,000,000
Under Construction	Under Construction	12/16/2021	No	\$7,286,000	\$7,286,000
Under Construction	Under Construction	NR	12/23/2022	\$16,778,000	\$16,778,000
Under Construction	Under Construction	NR	12/23/2022	\$12,781,000	\$12,781,000
Under Construction	Under Construction	NR	12/23/2022	\$14,534,000	\$14,534,000
Under Construction	Under Construction	NR	12/23/2022	\$14,900,000	\$14,900,000
Under Construction	Under Construction	NR	No	\$5,000,000	\$5,000,000
Under Construction	Under Construction	NR	No	\$10,034,000	\$10,034,000
Under Construction	Under Construction	NR	No	\$19,300,000	\$19,300,000
Under Construction	Under Construction	NR	No	\$16,358,000	\$16,358,000
Proposed	Under Construction	NR	No	\$8,422,000	\$12,091,000
	Under Construction	NR	No		\$6,285,000
	Under Construction	No	No		\$20,730,000
	Under Construction	NR	No		\$19,163,000
	Under Construction	NR	No		\$6,720,000
Planned	Planned	NR	1/29/2021	\$25,107,000	\$25,107,000
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Planned	Under Construction	NR	No	\$8,493,000	\$8,493,000

Concept	Concept	NR	No		
	Proposed	NR	No		\$6,191,000

Concept	Concept	NR	No		
Concept	Concept	NR	No		
Concept	Concept	NR	No		
Concept	Concept	No	No		
Proposed	Proposed	NR	No	\$42,900,000	\$42,900,000

Proposed	Proposed	NR	No		\$6,500,000	\$6,500,000
Proposed	Proposed	No	No		\$25,950,000	\$25,950,000
Proposed	Proposed	No	No		\$35,490,000	\$35,490,000
Concept	Concept	No	No			
Proposed	Proposed	NR	No		\$9,200,000	\$9,200,000
	Proposed	NR	No			\$6,170,000
Proposed	Proposed	NR	No		\$12,400,000	\$12,400,000
Proposed	Proposed	No	No		\$19,700,000	\$19,700,000
Proposed	Proposed	No	No		\$68,100,000	\$68,100,000
Proposed	Proposed	No	No		\$29,600,000	\$47,200,000
Proposed	Proposed	No	No		\$16,700,000	\$34,500,000
Proposed	Proposed	NR	No		\$17,600,000	\$17,600,000
	Proposed	1/19/2023	No			\$159,590,000
	Proposed	No	No			\$8,400,000
	Proposed	NR	No			\$11,600,000
	Proposed	NR	No			\$5,600,000
	Proposed	No	No			\$50,400,000
	Proposed	NR	No			\$5,842,000
Concept	Concept	NR	No			
Concept	Concept	NR	No			
In-service	In-service	NR	12/10/2019		\$72,900,000	\$72,900,000
In-Service	In-Service	NR	12/10/2019		\$19,900,000	\$19,900,000
In-service	In-service	NR	8/13/2017	\$27,850,000	\$27,300,000	\$27,300,000

In-service	In-service	NR	12/1/2017	\$158,000,000	\$158,000,000
In-Service	In-Service	NR	2/19/2021	\$10,640,000	\$10,640,000
In-Service	In-Service	NR	2/1/2021	\$6,600,000	\$6,600,000
In-Service	In-Service	NR	1/29/2021	\$9,300,000	\$9,300,000
Under Construction	In-Service	NR	8/20/2021	\$9,720,000	\$8,300,000
Under Construction	In-Service	NR	8/20/2021	\$6,710,000	\$7,750,000

In-service	In-service	2/23/2016	9/11/2018	\$5,140,351	Cost Part of Asset Condition #5 (\$12.0)	
In-service	In-service	2/23/2016	9/11/2018	\$4,271,787	\$11,200,000	\$11,200,000
In-service	In-service	5/24/2017	8/24/2018		\$7,835,000	\$7,835,000
In-service	In-service	5/24/2017	8/24/2018		\$4,710,000	\$4,710,000
In-service	In-service	1/29/2018	10/8/2020		\$5,466,000	\$5,466,000
In-service	In-service	1/29/2018	NR		\$4,331,000	\$4,331,000
In-service	In-service	NR	12/16/2019		\$11,154,000	\$11,154,000
In-service	In-service	NR	12/16/2019		\$11,702,000	\$11,702,000
In-service	In-service	NR	12/16/2019		\$15,235,000	\$15,235,000
In-service	In-service	NR	12/16/2019		\$14,453,000	\$14,453,000
In-service	In-service	NR	12/16/2019		\$16,255,000	\$16,255,000
In-service	In-service	NR	12/16/2019		\$17,858,000	\$17,858,000
In-service	In-service	NR	4/21/2019		\$87,421,778	\$87,421,778

In-Service	In-Service	NR	4/21/2019	Part of Project #85	
In-service	In-service	NR	4/21/2019	Part of Project #85	
In-service	In-service	NR	2/2/2020	\$8,292,000	\$8,292,000
In-service	In-service	NR	2/2/2020	\$6,168,000	\$6,168,000
In-service	In-service	NR	2/2/2020	\$9,400,000	\$9,400,000
In-service	In-service	NR	2/2/2020	\$8,665,000	\$8,665,000
In-Service	In-Service	NR	2/2/2020	\$16,992,000	\$16,992,000
In-service	In-service	NR	2/2/2020	\$6,884,000	\$6,884,000
In-service	In-service	NR	NR	\$3,630,000	\$3,630,000
In-Service	In-Service	NR	2/1/2021	\$13,631,000	\$13,631,000
In-service	In-service	NR	2/2/2021	\$10,995,000	\$10,995,000
In-service	In-service	NR	2/2/2021	\$11,589,000	\$11,589,000
In-service	In-service	NR	2/2/2021	\$6,590,000	\$6,590,000
In-service	In-service	NR	2/2/2021	\$14,408,000	\$14,408,000
In-service	In-service	NR	2/2/2021	\$17,313,000	\$17,313,000
In-service	In-service	NR	2/2/2021	\$6,403,000	\$6,403,000
In-service	In-service	NR	2/2/2021 6/3/2022	\$10,048,000	\$10,048,000
In-Service	In-Service	NR	2/2/2021	\$7,530,000	\$7,530,000
In-service	In-service	NR	2/2/2021	\$7,404,000	\$7,404,000
In-service	In-service	NR	NR	\$4,100,000	\$4,100,000
In-service	In-service	NR	2/2/2021	\$16,240,000	\$16,240,000
In-service	In-service	NR	NR	\$3,809,000	\$3,809,000
In-service	In-service	NR	2/2/2021	\$29,740,000	\$29,740,000
In-service	In-service	NR	2/2/2021	\$8,475,000	\$8,475,000
In-Service	In-Service	NR	No	\$12,145,000	\$12,145,000
In-service	In-service	9/22/2021	No	\$6,750,000	\$6,750,000
In-Service	In-Service	NR	No	\$5,044,000	\$5,044,000
In-Service	In-Service	NR	No	\$23,310,000	\$23,310,000

In-Service	In-Service	NR	No	\$6,994,000	\$6,994,000
	III-Service	INIX	NO	\$0,994,000	\$0,994,000
Under Construction	In-Service	NR	8/21/2021	\$6,081,000	\$6,081,000
Under Construction	In-Service	7/15/2021	No	\$53,501,000	\$53,501,000
In-Service	In-Service	NR	12/23/2022	\$9,351,000	\$9,351,000
In-Service	In-Service	7/10/2019	8/23/2021	\$6,051,000	\$6,051,000
In-Service	In-Service	NR	11/1/2022	\$12,632,000	\$12,632,000
In-Service	In-Service	NR	11/1/2022	\$19,300,000	\$19,300,000
In-Service	In-Service	NR	11/1/2022	\$16,503,000	\$16,503,000
Under Construction	In-Service	NR	11/1/2022	\$24,646,000	\$24,646,000
Under Construction	In-Service	NR	11/1/2022	\$23,443,000	\$23,443,000
In-Service	In-Service	NR	12/23/2022	\$13,105,000	\$13,105,000
Under Construction	In-service	NR	No	\$10,114,000	\$10,114,000
Under Construction	In-service	NR	2/7/2023	\$19,113,000	\$19,113,000
Under Construction	In-service	NR	No	\$7,541,000	\$7,541,000
Under Construction	In-service	NR	No	\$7,342,000	\$7,342,000
In-Service	In-Service	NR	No	\$6,024,000	\$6,024,000
Under Construction	In-service	NR	No	\$8,020,000	\$8,020,000

In-service	In-service	NR	12/16/2016	\$6,500,000	\$6,437,000	\$6,437,000
In-service	In-service	NR	1/3/2018		Cost part of Asset Condition #1	
In-service	In-service	7/19/2016	10/30/2019		\$11,240,000	\$11,240,000
In-service	In-service	NR	10/30/2019		\$330,000	\$330,000
In-service	In-service	NR	12/1/2017 2/19/2021		\$13,050,000	\$13,050,000
In-service	In-service	NR	1/3/2018		\$5,919,000	\$5,919,000
In-service	In-service	NR	12/1/2017		\$6,467,000	\$6,467,000
In-service	In-service	NR	4/17/2018		\$9,350,000	\$9,350,000
In-service	In-service	NR	1/2/2018		Cost part of Asset Condition #38	
In-service	In-service	NR	4/17/2018		\$7,551,000	\$7,551,000
In-service	In-service	NR	12/10/2019		\$27,560,000	\$27,560,000

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In-service	In-service	NR	8/24/2018	\$15,884,000	\$15,884,000
In-service	In-service	NR	6/30/2020	\$18,545,000	\$18,545,000
In-service	In-service	5/16/2018	NR	\$3,700,000	\$3,700,000
In-Service	In-Service	NR	10/8/2020	\$48,322,000	\$48,322,000
In-service	In-service	NR	10/16/2018	\$54,964,000	\$54,964,000
In-service	In-service	NR	8/24/2018	\$6,353,000	\$6,353,000
In-service	In-service	NR	12/22/2022	\$5,868,000	\$5,868,000
In-service	In-service	NR	12/16/2019	\$14,994,000	\$14,994,000
In-service	In-service	NR	12/16/2019 2/19/202	\$7,462,000	\$7,462,000
In-service	In-service	NR	12/16/2019	\$13,695,000	\$13,695,000
In-service	In-service	NR	12/16/2019	\$19,393,000	\$19,393,000
In-service	In-service	NR	12/16/2019	\$14,220,000	\$14,220,000
In-service	In-service	NR	12/16/2019 2/19/2020	\$12,807,000	\$12,807,000
In-service	In-service	NR	12/16/2019	\$13,492,000	\$13,492,000
In-service	In-service	NR	12/16/2019	\$13,771,000	\$13,771,000
In-Service	In-Service	NR	12/16/2019	\$9,594,000	\$9,594,000
In-service	In-service	NR	12/16/2019	\$8,276,000	\$8,276,000
In-service	In-service	NR	12/16/2019	\$10,151,000	\$10,151,000
In-Service	In-Service	NR	2/20/2020	\$52,500,000	\$52,500,000
In-service	In-service	NR	2/20/2020	\$18,132,000	\$18,132,000
In-service	In-service	NR	2/20/2020	\$7,887,000	\$7,887,000
In-service	In-service	5/16/2018	NR	\$4,342,676	\$4,342,676
In-service	In-service	12/19/2019	4/28/2020	\$8,182,000	\$8,182,000
In-service	In-service	NR	4/28/2020	\$6,959,000	\$6,959,000
In-service	In-service	NR	2/19/2021	\$7,230,000	\$7,230,000
In-service	In-service	NR	2/19/2021	\$9,959,000	\$9,959,000
In-Service	In-Service	NR	2/19/2021 5/31/2022	\$23,854,000	\$23,854,000
In-Service	In-Service	NR	2/19/2021	\$8,299,000	\$8,299,000
In-Service	In-Service	NR	2/19/2021	\$6,928,000	\$6,928,000
In-service	In-service	NR	2/19/2021	\$9,095,000	\$9,095,000
In-service	In-service	NR	2/19/2021	\$9,993,000	\$9,993,000
In-Service	In-Service	NR	2/19/2021	\$5,608,000	\$5,608,000
In-Service	In-Service	NR	2/19/2021	 \$16,272,000	\$16,272,000

In-Service	In-Service	NR	2/19/2021	\$7,743,000	\$7,743,000
In-service	In-service	NR	NR	\$4,467,000	\$4,467,000
In-service	In-service	NR	2/19/2021	\$6,076,000	\$6,076,000
In-Service	In-Service	NR	2/19/2021	\$13,122,000	\$13,122,000
In-service	In-service	NR	2/19/2021	\$5,426,000	\$5,426,000
In-service	In-service	NR	2/19/2021	\$5,250,000	\$5,250,000
In-service	In-service	NR	2/19/2021	\$8,247,000	\$8,247,000
In-service	In-service	NR	2/19/2021	\$8,811,000	\$8,811,000
In-Service	In-Service	NR	2/19/2021	\$10,328,000	\$10,328,000
In-service	In-service	NR	2/19/2021	\$8,113,000	\$8,113,000
In-service	In-service	NR	2/19/2021	\$8,968,000	\$8,968,000
In-service	In-service	NR	2/19/2021	\$7,586,000	\$7,586,000
In-service	In-service	NR	2/19/2021	\$5,780,000	\$5,780,000
In-Service	In-Service	NR	10/8/2020	\$16,597,000	\$16,597,000
In-Service	In-Service	7/25/2019 8/28/2020	4/28/2020	\$24,079,000	\$24,079,000
In-Service	In-Service	NR	2/1/2021	\$19,740,000	\$19,740,000
In-service	In-service	NR	2/1/2021	\$6,481,000	\$6,481,000
In-Service	In-Service	NR	2/1/2021	\$17,126,000	\$17,126,000
In-Service	In-Service	NR	2/1/2021	\$15,110,000	\$15,110,000
In-service	In-service	NR	2/1/2021	\$12,842,000	\$12,842,000
In-service	In-service	NR	2/1/2021	\$5,088,000	\$5,088,000
In-Service	In-Service	NR	2/1/2021	\$16,355,000	\$16,355,000
In-service	In-service	NR	2/1/2021	\$7,077,000	\$7,077,000
In-Service	In-Service	NR	2/1/2021	\$22,083,000	\$22,083,000
In-Service	In-Service	NR	2/1/2021	\$18,090,000	\$18,090,000
In-service	In-service	NR	2/1/2021	\$9,737,000	\$9,737,000
In-service	In-service	NR	2/1/2021	\$7,523,000	\$7,523,000
In-Service	In-Service	NR	2/1/2021	\$11,131,000	\$11,131,000
In-service	In-service	NR	2/1/2021	\$7,663,000	\$7,663,000
In-service	In-service	NR	2/19/2021	 \$11,111,000	\$11,111,000
In-service	In-service	NR	10/30/2019	\$8,170,000	\$8,170,000
In-Service	In-Service	NR	No	\$8,273,000	\$8,273,000

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In-Service	In-Service	NR	No	\$5,394,000	\$5,394,000
In-Service	In-Service	NR	No	\$9,577,000	\$9,577,000
In-Service	In-Service	NR	NR	\$2,422,000	\$2,422,000
Under Construction	In-Service	NR	No	\$14,826,000	\$14,826,000
Under Construction	In-Service	NR	No	\$8,353,000	\$8,353,000
In-service	In-service	NR	No	\$7,100,000	\$7,100,000
In-Service	In-Service	NR	No	\$7,626,000	\$7,626,000
In-Service	In-Service	NR	8/28/2020	\$8,767,000	\$8,767,000
Under Construction	In-Service	NR	No	\$13,877,000	\$13,877,000
In-Service	In-Service	NR	No	\$24,469,000	\$24,469,000
In-Service	In-Service	NR	NR	\$3,800,000	\$3,800,000
In-Service	In-Service	NR	No	\$16,556,000	\$16,556,000
In-Service	In-Service	NR	No	\$8,226,000	\$8,226,000
In-service	In-service	NR	2/19/2021	\$7,450,000	\$7,450,000
In-Service	In-Service	4/14/2021	8/21/2021 12/23/2022	\$21,298,000	\$21,298,000
In-Service	In-Service	11/6/2020	6/1/2022	\$13,949,000	\$13,949,000
In-Service	In-Service	11/6/2020	8/21/2021	\$22,929,000	\$22,929,000
In-Service	In-Service	10/5/2020	8/21/2021	\$38,054,000	\$38,054,000
In-Service	In-Service	NR	8/21/2021	\$9,362,000	\$9,362,000
In-service	In-service	NR	10/28/2022	\$5,925,000	\$5,925,000
In-service	In-service	NR	10/28/2022	\$5,998,000	\$5,998,000
In-Service	In-Service	6/17/2021	No	\$9,611,000	\$9,611,000
In-Service	In-Service	NR	No	\$8,770,000	\$8,770,000
Under Construction	In-Service	NR	12/23/2022	\$61,333,000	\$61,333,000
Under Construction	In-Service	NR	12/23/2022	\$8,039,000	\$10,248,000
In-Service	In-Service	NR	12/23/2022	\$9,860,000	\$9,860,000
In-Service	In-Service	NR	8/22/2021	\$10,322,000	\$10,322,000
In-Service	In-Service	7/15/2021	No	\$11,045,000	\$11,045,000
Under Construction	In-Service	NR	12/23/2022	\$28,794,000	\$28,794,000
In-Service	In-Service	NR	2/7/2023	\$6,242,000	\$6,927,000
In-Service	In-Service	NR	2/7/2023	\$5,782,000	\$5,782,000

In-service	In-service	NR	1/3/2018	\$14,500,000	\$11,014,000	\$11,014,000
In-service	In-service	5/5/2016	10/10/2018	\$6,950,000	\$7,630,000	\$7,630,000
In-service	In-service	NR	11/25/2015	\$20,270,000	\$20,270,000	\$20,270,000
In-service	In-service	NR	11/25/2015	\$14,150,000	\$14,150,000	\$14,150,000
In-service	In-service	NR	11/25/2015	\$13,517,000	\$13,517,000	\$13,517,000
In-service	In-service	NR	11/25/2015	\$8,125,000	\$8,125,000	\$8,125,000
In-service	In-service	NR	1/3/2018		\$14,800,000	\$14,800,000
In-service	In-service	NR	12/16/2016		\$6,500,000	\$6,500,000
In-service	In-service	NR	12/16/2016		\$13,804,000	\$13,804,000
In-service	In-service	1/26/2016	7/17/2017		\$12,287,000	\$12,287,000
Under Construction	In-Service	NR	NR		\$4,700,000	\$6,000,000
In-service	In-service	NR	5/11/2018		\$22,208,000	\$22,208,000
In-Service	In-Service	NR	12/1/2017		\$18,870,000	\$18,870,000
In-service	In-service	NR	10/16/2018		\$6,657,000	\$6,657,000
In-service	In-service	NR	1/3/2018		\$13,421,000	\$13,421,000
In-service	In-service	NR	NR		\$4,600,000	\$4,600,000
In-service	In-service	NR	7/17/2017		\$21,060,000	\$21,060,000
In-Service	In-Service	NR	4/17/2018		\$21,000,000	\$21,000,000
In-service	In-service	NR	10/16/2018		\$10,148,000	\$10,148,000
In-service	In-service	NR	2/15/2019		\$10,860,000	\$10,860,000
In-service	In-service	NR	NR		\$4,700,000	\$4,700,000
In-Service	In-Service	NR	12/16/2019		\$17,190,000	\$17,190,000
In-service	In-service	NR	2/20/2020		\$15,100,000	\$15,100,000
In-service	In-service	NR	2/20/2020		\$12,985,000	\$12,985,000
In-service	In-service	NR	NR		\$2,908,881	\$2,908,881
In-service	In-service	NR	1/29/2021 10/31/2022		\$18,020,000	\$18,020,000
In-Service	In-Service	10/7/2019	6/30/2020		\$72,430,000	\$72,430,000
In-service	In-service	NR	2/19/2021		\$14,043,000	\$14,043,000
In-service	In-service	NR	NR		\$3,774,000	\$3,774,000
In-service	In-service	NR	2/19/2021		\$7,487,000	\$7,487,000
In-service	In-service	NR	NR		\$4,332,000	\$4,332,000
In-service	In-service	NR	NR		\$4,400,000	\$4,400,000
				•		

In-service	In-service	NR	2/18/2021	Part of Asset Condition #142	
In-service	In-service	NR	2/19/2021	\$14,772,000	\$14,772,000
In-service	In-service	NR	10/31/2022	\$22,472,000	\$22,472,000
In-service	In-service	NR	10/31/2022	\$5,618,000	\$5,618,000
In-service	In-service	NR	2/1/2021	\$6,021,000	\$6,021,000
In-service	In-service	NR	NR	\$4,992,951	\$4,992,951
In-service	In-service	NR	2/1/2021	\$41,300,000	\$41,300,000
In-service	In-service	NR	2/1/2021	\$20,900,000	\$20,900,000
In-service	In-service	NR	2/1/2021	\$12,358,000	\$12,358,000
In-Service	In-Service	NR	2/1/2021	\$9,842,000	\$9,842,000
In-Service	In-Service	NR	2/1/2021	\$26,175,000	\$26,175,000
In-service	In-service	NR	2/2/2021 12/23/2022	\$24,992,000	\$24,992,000
Under Construction	In-Service	NR	No	\$22,656,000	\$22,656,000
In-Service	In-Service	NR	2/2/2021	\$10,800,000	\$10,800,000
In-Service	In-Service	NR	2/2/2021	\$8,877,000	\$8,877,000
In-service	In-service	NR	2/2/2021	\$11,340,000	\$11,340,000
In-Service	In-Service	NR	No	\$9,688,000	\$9,688,000
In-Service	In-Service	NR	NR	\$4,800,000	\$4,800,000
Under Construction	In-Service	NR	4/8/2022	\$10,180,000	\$10,180,000
In-service	In-service	NR	10/28/2022	\$5,804,000	\$5,804,000
In-service	In-service	NR	10/28/2022	\$10,296,000	\$10,296,000
Under Construction	In-Service	NR	12/23/2022	\$21,160,000	\$26,739,000
In-service	In-service	NR	12/23/2022	\$7,838,000	\$7,838,000
In-Service	In-Service	NR	12/23/2022	\$8,700,000	\$8,700,000
In-Service	In-Service	NR	10/27/2022	\$5,191,000	\$5,191,000
In-service	In-service	12/11/2020	6/2/2022	\$21,885,000	\$21,885,000
In-service	In-service	NR	4/11/2022	\$11,220,000	\$11,220,000
In-service	In-service	NR	4/11/2022	\$18,520,000	\$18,520,000
In-Service	In-Service	NR	12/23/2022	\$5,672,000	\$5,672,000
In-Service	In-Service	NR	12/23/2022	\$11,636,000	\$11,636,000
In-Service	In-Service	NR	12/23/2022	\$5,451,000	\$5,451,000
In-Service	In-Service	NR	5/31/2022	\$5,866,000	\$5,866,000
In-service	In-service	NR	10/31/2022	\$9,400,000	\$10,560,000

Proposed	In-service	NR	2/7/2023	\$5,880,000	\$5,880,000
In-service	In-service	NR	2/7/2023	\$5,800,000	\$5,800,000
In-service	In-service	NR	2/7/2023	\$5,000,000	\$5,000,000
In-service	In-service	NR	12/23/2022	\$5,000,000	\$5,000,000
In-Service	In-Service	NR	NR	\$1,174,157	\$1,174,157
Under Construction	In-Service	3/17/2022	2/7/2023	\$14,590,000	\$14,580,000
Cancelled	Cancelled	NR	No		
Cancelled	Cancelled	NR	No	\$11,200,000	\$11,200,000
Cancelled	Cancelled	NR	No	\$8,300,000	\$8,300,000
Cancelled	Cancelled	NR	No	\$7,500,000	\$7,500,000
Cancelled	Cancelled	NR	No	\$5,800,000	\$5,800,000
Cancelled	Cancelled	NR	No	\$7,300,000	\$7,300,000
Cancelled	Cancelled	NR	No	Part of Asset Condition #227	
Cancelled	Cancelled	NR	No	\$10,750,000	\$10,750,000
Cancelled	Cancelled	No	No		

\$6,991,658,140.00

\$1,112,256,778.00

PAC. Costs must be provided

ct will be added to the Asset Condition list.

on is greater than \$5M, a presentation will be made to the PAC and the project will be added

made to the TOPAC and the project will be added to the Asset Condition list.	There is no re



equirement to discuss the project with the PAC.

Primary Driver	Section #	Asset Condition ID	State	Primary Equipment Owner
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	СТ	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	СТ	Eversource
Asset Condition	1a	17	СТ	United Illuminating Company
Asset Condition	1a	18	СТ	United Illuminating Company
Asset Condition	1a	19	СТ	United Illuminating Company
Asset Condition	1a	20	СТ	United Illuminating Company
Asset Condition	1a	21	СТ	United Illuminating Company
Asset Condition	1a	22	СТ	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	СТ	Eversource
Asset Condition	1a	30	СТ	Eversource
Asset Condition	1a	31	MA	Eversource
Asset Condition	1a	32	MA	Eversource
Asset Condition	1a	33	СТ	Eversource
Asset Condition	1a	34	СТ	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	СТ	Eversource
Asset Condition	1a	40	MA	National Grid, USA
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	СТ	Eversource
Asset Condition	1a	47	СТ	Eversource
Asset Condition	1a	48	СТ	Eversource
Asset Condition	1a	49	СТ	Eversource
Asset Condition	1a	50	СТ	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	СТ	Eversource
Asset Condition	1a	68	СТ	Eversource
Asset Condition	1a	69	СТ	Eversource
Asset Condition	1a	70	СТ	Eversource
Asset Condition	1a	71	СТ	Eversource
Asset Condition	1a	72	СТ	Eversource
Asset Condition	1a	73	СТ	Eversource
Asset Condition	1a	74	СТ	Eversource
Asset Condition	1a	75	СТ	Eversource
Asset Condition	1a	76	СТ	Eversource
Asset Condition	1a	77	СТ	Eversource
Asset Condition	1a	78	СТ	Eversource
Asset Condition	1a	79	СТ	Eversource
Asset Condition	1a	80	СТ	Eversource
Asset Condition	1a	81	СТ	Eversource
Asset Condition	1a	82	СТ	Eversource
Asset Condition	1a	83	СТ	Eversource
Asset Condition	1b	84	СТ	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	СТ	Eversource
Asset Condition	1a	90	MA	Eversource
Asset Condition	1a	91	СТ	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	СТ	Eversource
Asset Condition	1a	116	СТ	Eversource
Asset Condition	1a	117	СТ	Eversource
Asset Condition	1b	118	СТ	Eversource
Asset Condition	1a	119	СТ	Eversource
Asset Condition	1a	120	СТ	Eversource
Asset Condition	1b	121	СТ	Eversource
Asset Condition	1a	122	СТ	Eversource
Asset Condition	1b	123	СТ	Eversource
Asset Condition	1a	124	СТ	Eversource
Asset Condition	1a	125	СТ	Eversource
Asset Condition	1a	126	СТ	Eversource
Asset Condition	1a	127	СТ	Eversource
Asset Condition	1a	128	СТ	Eversource
Asset Condition	1a	129	СТ	Eversource
Asset Condition	1a	130	СТ	Eversource
Asset Condition	1a	131	СТ	Eversource
Asset Condition	1b	132	СТ	Eversource
Asset Condition	1a	133	СТ	Eversource
Asset Condition	1a	134	СТ	Eversource
Asset Condition	1a	135	СТ	Eversource
Asset Condition	1a	136	СТ	Eversource
Asset Condition	1a	137	СТ	Eversource
Asset Condition	1a	138	СТ	Eversource
Asset Condition	1a	139	СТ	Eversource
Asset Condition				

Asset Condition	1a	141	СТ	Eversource
Asset Condition	1a	142	СТ	Eversource
Asset Condition	1a	143	СТ	Eversource
Asset Condition	1a	144	СТ	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	СТ	United Illuminating Company
Asset Condition	1a	152	СТ	United Illuminating Company
Asset Condition	1a	153	СТ	United Illuminating Company
Asset Condition	1a	154	СТ	United Illuminating Company
Asset Condition	1a	155	СТ	United Illuminating Company
Asset Condition	1a	156	СТ	United Illuminating Company
Asset Condition	1a	157	СТ	United Illuminating Company
Asset Condition	1a	158	СТ	United Illuminating Company
Asset Condition	1a	159	СТ	United Illuminating Company
Asset Condition	1a	160	СТ	United Illuminating Company
Asset Condition	1a	161	СТ	United Illuminating Company
Asset Condition	1a	162	СТ	United Illuminating Company
Asset Condition	1a	163	СТ	Eversource
Asset Condition	1a	164	СТ	Eversource
Asset Condition	1b	165	СТ	Eversource
Asset Condition	1a	166	СТ	Eversource

Asset Condition	1a	167	СТ	Eversource
Asset Condition	1a	168	СТ	Eversource
Asset Condition	1a	169	СТ	Eversource
Asset Condition	1a	170	СТ	Eversource
Asset Condition	1a	171	СТ	Eversource
Asset Condition	1a	172	СТ	Eversource
Asset Condition	1a	173	СТ	Eversource
Asset Condition	1a	174	СТ	Eversource
Asset Condition	1a	175	СТ	Eversource
Asset Condition	1a	176	СТ	Eversource
Asset Condition	1a	177	СТ	Eversource
Asset Condition	1a	178	СТ	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	МА	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	СТ	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	СТ	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	СТ	Eversource
Asset Condition	1a	214	СТ	Eversource
Asset Condition	1a	215	СТ	Eversource
Asset Condition	1a	216	СТ	Eversource
Asset Condition	1a	217	СТ	Eversource
Asset Condition	1b	218	СТ	Eversource
Asset Condition	1a	219	СТ	Eversource
Asset Condition	1a	220	СТ	Eversource
Asset Condition	1a	221	СТ	Eversource
Asset Condition	1a	222	СТ	Eversource
Asset Condition	1a	223	СТ	Eversource
Asset Condition	1a	224	СТ	Eversource
Asset Condition	1a	225	СТ	Eversource
Asset Condition	1b	226	СТ	Eversource
Asset Condition	1a	227	СТ	Eversource
Asset Condition	1a	228	СТ	Eversource
Asset Condition	1a	229	СТ	Eversource
Asset Condition	1a	230	СТ	Eversource
Asset Condition	1a	231	СТ	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

Accet Condition	10	225	T VT	National Crid LICA
Asset Condition Asset Condition	1a 1b	235 236	MA	National Grid, USA National Grid, USA
Asset Condition	1a	237	MA	National Grid, USA
Asset Condition	1b	238	MA	Eversource
Asset Condition	1a	239	СТ	United Illuminating Company
Asset Condition	1a	240	MA	National Grid, USA
Asset Condition	1a	241	СТ	Eversource
Asset Condition	1a	242	СТ	Eversource
Asset Condition	1a	243	СТ	Eversource
Asset Condition	1a	244	СТ	Eversource
Asset Condition	1a	245	СТ	Eversource
Asset Condition	1a	246	СТ	Eversource
Asset Condition	1a	247	СТ	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	СТ	Eversource
Asset Condition	1b	256	СТ	Eversource
Asset Condition	1a	257	СТ	Eversource
Asset Condition	1b	258	СТ	Eversource
Asset Condition	1b	259	СТ	Eversource
Asset Condition	1a	260	СТ	Eversource
Asset Condition	1a	261	СТ	Eversource
Asset Condition	1a	262	СТ	Eversource
Asset Condition	1a	263	СТ	Eversource
Asset Condition	1a	264	СТ	Eversource
Asset Condition	1a	265	СТ	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 1a 273 NH Eversource Asset Condition 1a 275 NH Eversource Asset Condition 1a 276 NH Eversource Asset Condition 1a 277 NH Eversource Asset Condition 1a 279 NH Eversource Asset Condition 1a 281 NH Eversource Asset Condition					
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 1a 274 NH Eversource Asset Condition 1a 275 NH Eversource Asset Condition 1a 276 NH Eversource Asset Condition 1a 277 NH Eversource Asset Condition 1a 279 NH Eversource Asset Condition 1a 280 NH Eversource Asset Condition 1a 281 NH Eversource Asset Condition 1a 283 VT Vermont Electric Power Company Asse	Asset Condition	1a	266	СТ	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 1a 273 NH Eversource Asset Condition 1a 275 NH Eversource Asset Condition 1a 276 NH Eversource Asset Condition 1a 277 NH Eversource Asset Condition 1a 279 NH Eversource Asset Condition 1a 280 NH Eversource Asset Condition 1a 281 NH Eversource Asset Condition 1a 283 VT Vermont Electric Power Company Asset Condition 1a 284 VT Vermont Electric Power Company <	Asset Condition	1a	267	СТ	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 1a 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 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	268	СТ	Eversource
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	269	СТ	Eversource
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	270	MA	National Grid, USA
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	271	MA	National Grid, USA
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 286 NH Eversource	Asset Condition	1a	272	RI	Rhode Island Energy
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 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 285 VT Vermont Electric Power Company Asset Condition 1a 286 NH Eversource Asset Condition 1a 287 NH Eversource Asset Condition 1a 289 NH Eversource	Asset Condition	1a	273	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 285 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	Asset Condition	1b	274	NH	Eversource
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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 290 NH Eversource Asset Condition 1a 291 NH Eversource Asset Condition 1a 291 NH Eversource Asset Condition 1a 292 CT Eversource Asset Condition 1b 293 MA Eversource	Asset Condition	1a	281	NH	Eversource
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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	283	VT	
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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	287	NH	Eversource
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Asset Condition 1a 292 CT Eversource Asset Condition 1b 293 MA Eversource	Asset Condition	1a	290	NH	Eversource
Asset Condition 1b 293 MA Eversource	Asset Condition	1a	291	NH	Eversource
	Asset Condition	1a	292	СТ	Eversource
Asset Condition 1a 294 MA National Grid, USA	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	СТ	Eversource
Asset Condition	1a	303	СТ	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	1 a	308	NH	National Grid, USA
Asset Condition	1a	309	СТ	Eversource
Asset Condition	1a	310	СТ	Eversource
Asset Condition	1a	311	СТ	Eversource
Asset Condition	1a	312	СТ	Eversource
Asset Condition	1a	313	СТ	Eversource
Asset Condition	1a	314	СТ	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
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Asset Condition 1a 330 Asset Condition 1a 331 Asset Condition 1a 332 Asset Condition 1a 333	VT VT VT	Vermont Electric Power Company Vermont Electric Power Company
Asset Condition 1a 332		Company
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Asset Condition 1a 333		Vermont Electric Power Company
	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	СТ	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	СТ	Eversource
Asset Condition 1a 353	MA	National Grid, USA
Asset Condition 1b 354	MA	National Grid, USA
Asset Condition 1a 355	СТ	Eversource
Asset Condition 1b 356	СТ	Eversource
Asset Condition 1a 357	СТ	Eversource
Asset Condition 1b 358	СТ	Eversource
Asset Condition 1a 359	СТ	Eversource
Asset Condition 1a 360	СТ	Eversource
Asset Condition 1b 361	СТ	Eversource
Asset Condition 1b 362	СТ	Eversource

Asset Condition	1b	363	СТ	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

Other Equipment Owner(s)	Footnote Number	Projected In-Service Month/Year	Asset Condition Grouping
		06/2016	
		10/2016	Crystal Lake Substation Upgrades
		05/2017	Essex STATCOM Refurbishment
		11/2016	Seabrook 345 kV GIS Breaker Removal and Bus Upgrade
		11/2017	Seabrook 345 kV GIS Breaker Removal and Bus Upgrade
		09/2014	
		12/2015	
		05/2015	
		12/2015	
		07/2014	
		12/2018	Structure Condition Improvement
		07/2017	
		01/2017	
		12/2015	
		05/2019	
		06/2016	
		06/2020	
		06/2020	UI Coastal Substation Flood Mitigation Study Project
		09/2023	UI Coastal Substation Flood Mitigation Study Project
		04/2024	UI Coastal Substation Flood Mitigation Study Project
		04/2024	UI Coastal Substation Flood Mitigation Study Project
		09/2024	UI Coastal Substation Flood Mitigation Study Project
		06/2019	
		09/2020	

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	11/2019	Eversource Energy Autotransformer Replacement Plan
	07/2018	Eversource Energy Autotransformer Replacement Plan
	11/2018	Eversource Energy Autotransformer Replacement Plan
	09/2025	NPCC Directory #1 Protection Modifications
	12/2019	NPCC Directory #1 Protection Modifications

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12/2019	Seabrook 345 kV GIS Switchyard Like-for Like Equipment Replacement

11/2020	Seabrook 345 kV GIS Switchyard Phase 2 Equipment Replacement Part of Asset Condition #85
06/2022	Seabrook 345 kV GIS Switchyard Phase 3 Equipment Replacement Part of Asset Condition #85
12/2019	NPCC Directory #1 Protection Modifications
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01/2025	Railroad Corridor Transmission Line Asset Condition Upgrades
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09/2025	NPCC Directory #1 Protection Modifications
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01/2025	Railroad Corridor Transmission Line Asset Condition Upgrades
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11/2027	Railroad Corridor Transmission Line Asset Condition Upgrades
04/2025	Railroad Corridor Transmission Line Asset Condition Upgrades
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Description	Mar-16 Status	Mar-22 Status
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
Crystal Lake Substation Upgrades	Under Construction	In-service
Replace Essex STATCOM power electronics and controls	Proposed	In-service
Phase 1 - Remove Breaker 22, remove Bus 4 and upgrade sections of Bus 2	Proposed	In-service
Phase 2 - Remove Breaker 11 and upgrade sections of Bus 1	Proposed	In-service
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
115 kV line 136 Falmouth Tap - West Barnstable Complete structure replacements	In-service	In-service
381 Line Structure Replacements	In-service	In-service
354 Line Structure Replacements	In-service	In-service
312 Line Structure Replacements	In-service	In-service
maintenance activities addressing our aging and degrading transmission line infrastructure. 100 to 300 structures will be replaced every year based on outage		In-service
Doreen-Oswald Jct. 1211 115 kV Line Structure Replacement		In-service
Ludlow-Thorndike-Palmer (WMA portion) of the X176 115 KV Line Rebuild		In-service
1231/1242 Line Clearance remediation Project		In-service
Install a new Medway control house which is to be built to BPS standards in a location within the existing station footprint.		In-service
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 & CT.		In-service
East Shore 345 kV circuit switcher replacement project. Replace 345 kV circuit switchers with dead tank breakers		In-service
East Shore - Raising Impacted 115 kV Equipment		In-service
Congress 115 kV Substation Flood Wall		Planned
Grand Avenue - Mill River 115 kV Substation Flood Wall		Planned
Singer 345kV Substation Flood Wall		Planned
Pequonnock 115kV Substation rebuild with a new substation adjacent to the existing one		Under Construction
Section 388 & 3023 Structure Replacement		In-service
Section 396 & 3001 Structure Replacement		In-Service

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
Rebuild Bourne Substation as a breaker and one half scheme	Under Construction
Kingston Substation #735 Asset Condition Replacement	Under Construction
115 kV GIS breaker replacement at Kingston Street #514 Substation	Under Construction
1620/1975 line structure replacement	In-service
3424 line Asset Condition and Storm Hardening	In-service
345 kV GIS breaker replacements at Kingston Street #514	In-service
West Medway Substation #446 Asset Condition Upgrade	In-Service
1410 and 100 Line Structure Replacements	In-service
Devon Control House Modifications	In-service
Scobie Pond TB30 345/115 kV transformer replacement project	In-service
Install two 40 MVAR reactors on the Scobie 115 kV bus, to accommodate the loss of the reactors connected on the 13.8 kV teriary winding of the TB30 transformer	In-service
New Mt. Tom protection system control house	In-service
3419 line (portion in Massachusetts) asset condition and OPGW project	In-service
3419 line (portion in Connecticut) asset condition and OPGW project	In-service
Salem Harbor Substation - 115 kV oil circuit breaker replacements	In-service
Scotia Street Substation Project	In-service
Brighton #329 115 kV Control House	In-Service
K Street #385 115 kV Control House	Under Construction
Mystic #250 115 kV Control House	Under Construction
345 kV 354 Line Structure Replacements	In-service
Southern CT Loop Line Structure Replacements - 1261/1598 115 kV	In-service
Southern CT Loop Line Structure Replacements - 1342 115 kV	In-service
Southern CT Loop Line Structure Replacements - 1508 115 kV	In-service
Southern CT Loop Line Structure Replacements - 1655 115 kV	In-service
Replace the Card 11F-5X autotransformer. Foundation and bus upgrades to accommodate new transformer specifications	In-service
Replace the Deerfield TB-14 autotransformer and bus upgrades to accommodate new transformer specifications	In-service
Replace the Littleton TB-41 autotransformer and bus upgrades to accommodate new transformer specifications	In-service
	Linday Construction
NPCC Directory #1 Protection Modifications - Phase 2	Under Construction

345 kV Structure Replacement Project - Line 307	In-service
345 kV Structure Replacement Project - Line 326	In-service
345 kV Structure Replacement Project - Line 367	In-service
345 kV Structure Replacement Project - Line 379	In-service
345 kV Structure Replacement Project - Line 381	In-service
345 kV Structure Replacement Project - Line 391	In-service
1231/1242 Structure Replacement Project	In-service
Oil Circuit Breaker Replacement Project at the Agawam Substation	In-service
Lexington Station #320 Asset Condition Upgrade Project	Under Construction
345 kV Structure Replacement Project - Line 393	In-Service
Laminated Structure Replacement Project - Line 1512	In-service
Laminated Structure Replacement Project - Line 1211/1161	In-service
Manchester Control House Expansion	Under Construction
Card-Montville-Tunnel Corridor Asset Condition and OPGW Installation Project	In-service
Oil Circuit Breaker Replacement Project at the Frost Bridge Substation	In-service
Oil Circuit Breaker Replacement Project at the Plumtree Substation	In-service
345 kV Structure Replacement Project - Line 310	In-service
345 kV Structure Replacement Project - Line 321	In-service
345 kV Structure Replacement Project - Line 330	In-service
345 kV Structure Replacement Project - Line 348	In-service
345 kV Structure Replacement Project - Line 364	In-service
345 kV Structure Replacement Project - Line 371	In-service
345 kV Structure Replacement Project - Line 383	In-service
345 kV Structure Replacement Project - Line 387	In-service
345 kV Structure Replacement Project - Line 398	In-Service
345 kV Structure Replacement Project - Line 3041	In-service
345 kV Structure Replacement Project - Line 3642	In-service
Laminated Structure Replacement Project - Line 1505/1607	In-Service
Laminated Structure Replacement Project - Line 1675/1080	In-service
Laminated Structure Replacement Project - Line 1921	In-service
Phase 1 of mulit-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

Phase 2 of mulit-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
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.	Under Construction
NPCC Directory #1 Protection Modifications - Phase 1	In-service
Montville 16X Transformer Replacement	In-service
Canal Station #980 BPS and Asset Condition Upgrade Project	Under Construction
Rebuild 8809A-2 Line (Pequonnock-Congress)	Planned
Robinson Avenue Station #102 Asset Condition Upgrades	Under Construction
NPCC Directory #1 Protection Modifications - Phase 4	Cancelled
NPCC Directory #1 Protection Modifications - Phase 5	Concept
NPCC Directory #1 Protection Modifications - Phase 4	Concept
NPCC Directory #1 Protection Modifications - Phase 3	Concept
NPCC Directory #1 Protection Modifications - Phase 3	Concept
NPCC Directory #1 Protection Modifications - Phase 5	Concept
NPCC Directory #1 Protection Modifications - Phase 4	Concept
115 kV Structure Replacement Project - Line A126	In-service
115 kV Structure Replacement Project - Line H123	In-service
115 kV Structure Replacement Project - Line H141	In-service
115 kV Structure Replacement Project - Line K174	In-service
115 kV Structure Replacement Project - Line L163	In-Service
115 kV Structure Replacement Project - Line A152	In-service
115 kV Structure Replacement Project - Line X178	Cancelled
349X/Y 345 kV Cable Replacement	In-Service
115 kV Structure Replacement Project - Line 65-508	In-service

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115 kV Structure Replacement Project - Line 1327		In-service
115 kV Structure Replacement Project - Line 1428		In-service
115 kV Structure Replacement Project - Line 1447		In-service
115 kV Structure Replacement Project - Line 1962		In-service
115 kV Structure Replacement Project - Line 1768-MA		In-service
115 kV Structure Replacement Project - Line F132		In-service
1608 115 kV Line Cable Replacement		In-service
1880 115 kV Line Cable Replacement		In-service
115 kV Structure Replacement Project - Line 1050		In-service
115 kV Structure Replacement Project - Line 1191		Cancelled
115 kV Structure Replacement Project - Line 1256		In-service
115 kV Structure Replacement Project - Line 1261/1598		In-Service
115 kV Structure Replacement Project - Line 1280		Cancelled
115 kV Structure Replacement Project - Line 1310		In-Service
115 kV Structure Replacement Project - Line 1410		Cancelled
115 kV Structure Replacement Project - Line 1448		In-Service
115 kV Structure Replacement Project - Line 1565		In-service
115 kV Structure Replacement Project - Line 1620		In-service
115 kV Structure Replacement Project - Line 1635		In-Service
115 kV Structure Replacement Project - Line 1675		Cancelled
115 kV Structure Replacement Project - Line 1726		In-Service
115 kV Structure Replacement Project - Line 1465		In-Service
115 kV Structure Replacement Project - Line 1751		In-service
115 kV Structure Replacement Project - Line 1756		Cancelled
115 kV Structure Replacement Project - Line 1759		In-service
115 kV Structure Replacement Project - Line 1765		In-Service
115 kV Structure Replacement Project - Line 1766		In-service
115 kV Structure Replacement Project - Line 1767		In-service
115 kV Structure Replacement Project - Line 1769		In-service
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
115 kV Structure Replacement Project - Line 1772		In-Service
115 kV Structure Replacement Project - Line 1783		In-service

115 kV Structure Replacement Project - Line 1785	In-service
115 kV Structure Replacement Project - Line 1768-CT	In-service
115 kV Structure Replacement Project - Line 1910	In-service
Millstone Substation 15G High Creep Insulator Replacement	In-Service
Carpenter Hill Control House Rebuild	Planned
327 Line Asset Condition Refurbishments	Under Construction
303 Line Asset Condition Refurbishments	In-service
3520 Line Asset Condition Refurbishments	In-service
315 Line Asset Condition Refurbishments - MA Portion	Under Construction
315 Line Asset Condition Refurbishments - RI Portion	Planned
Rebuild 8809B-2 Line (Pequonnock - Congress)	Planned
Rebuild portion of 1130 Line (Pequonnock - UI Str. B737)	Planned
Rebuild 1430 Line (Ash Creek - ESE Str. B648)	Planned
Rebuild 91001-1 Line (Pequonnock - Bridgeport Resco) & 91001-2 Line (Bridgeport Resco - Ash Creek)	Planned
Rebuild 88005A-1 Line (Milvon - Woodmont)	Planned
Rebuild 88005B-1 Line (Milvon - Woodmont)	Planned
Rebuild 8804A Line (Woodmont - Allings Crossing)	Planned
Rebuild 8804B Line (Woodmont - Allings Crossing)	Planned
Rebuild 88003A-3 Line (Allings Crossing - Elmwest)	Planned
Rebuild 88003B-3 Line (Allings Crossing - Elmwest)	Planned
Rebuild 88003A-2 Line (Elmwest - West River)	Planned
Rebuild 88003B-2 Line (Elmwest - West River)	Planned
667 69 kV line rebuild and asset condition project	In-Service
345 kV Structure Replacement Projects - Line 310	Under Construction
345 kV Structure Replacement Projects - Line 321	In-service
345 kV Structure Replacement Projects - Line 330	In-Service

345 kV Structure Replacement Projects - Line 348		In-Service
345 kV Structure Replacement Projects - Line 352		In-service
345 kV Structure Replacement Projects - Line 362		In-service
345 kV Structure Replacement Projects - Line 364		Under Construction
345 kV Structure Replacement Projects - Line 368		In-service
345 kV Structure Replacement Projects - Line 383		Under Construction
345 kV Structure Replacement Projects - Line 387		In-Service
345 kV Structure Replacement Projects - Line 3041		In-service
345 kV Structure Replacement Projects - Line 3252		In-service
345 kV Structure Replacement Projects - Line 3419		In-Service
345 kV Structure Replacement Projects - Line 3424		In-service
345 kV Structure Replacement Projects - Line 3754		Under Construction
345 kV Structure Replacement Projects - Line 336		In-service
345 kV Structure Replacement Projects - Line 3361		In-service
345 kV Structure Replacement Projects - Line 312		Under Construction
345 kV Structure Replacement Projects - Line 354		In-service
345 kV Structure Replacement Projects - Line 381		In-service
345 kV Structure Replacement Project - Line 393		In-Service
345 kV Structure Replacement Projects - Line 3419		In-Service
345 kV Structure Replacement Projects - Line 326		In-service
345 kV Structure Replacement Projects - Line 367		In-Service
345 kV Structure Replacement Projects - Line 373		In-service
345 kV Structure Replacement Projects - Line 379		In-service
345 kV Structure Replacement Projects - Line 381		In-service
345 kV Structure Replacement Projects - Line 385		In-service
345 kV Structure Replacement Projects - Line 391		In-service
115 kV Structure Replacement Projects - Line 1470		In-service
110-510 & 110-511 lines 115 kV HPFF refurbishment		Under Construction
Sand Bar Substation - Mitigate several Asset Condition concerns: Control House, P&C, circuit breakers, switches		In-Service
Berlin Substation - Mitigate several Asset Condition concerns: Control House, P&C, circuit breakers & switches. Install a second protection system.		In-Service
1130 Line Optical Ground Wire (OPGW) Replacement		In-service
115 kV Wood Pole Replacement - B143		In-service
115 kV Wood Pole Replacement - C129		In-service
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115 kV Wood Pole Replacement - F139	In-Service
115 kV Wood Pole Replacement - G128	In-service
115 kV Wood Pole Replacement - K105	In-service
115 kV Wood Pole and Shield Wire Replacement - K174	Under Construction
115 kV Wood Pole Replacement - L175	In-service
115 kV Wood Pole and Shield Wire Replacement - M127	In-service
115 kV Wood Pole and Shield Wire Replacement - Y138	In-service
115 kV Wood Pole Replacement - 1161	In-service
115 kV Wood Pole Replacement - 1421	Under Construction
115 kV Wood Pole Replacement - 1512	In-Service
115 kV Wood Pole and Shield Wire Replacement - 1394	In-Service
115 kV Wood Pole and Shield Wire Replacement - Line 1858	In-service
115 kV Wood Pole and Shield Wire Replacement - 1976	In-Service
115 kV Wood Pole Replacement - 1000	Proposed
115 kV Wood Pole Replacement - 1042	In-Service
115 kV Wood Pole and Shield Wire Replacement - 1043	In-Service
115 kV Wood Pole Replacement - 1080	Proposed
115 kV Wood Pole Replacement - 1208	In-Service
115 kV Wood Pole and Shield Wire Replacement - 1232	In-Service
115 kV Wood Pole and Shield Wire Replacement - 1256	Under Construction
115 kV Wood Pole and Shield Wire Replacement - 1280	Proposed
115 kV Wood Pole and Shield Wire Replacement - 1410	Under Construction
115 kV Wood Pole Replacement - Line 1505	In-service
115 kV Wood Pole Replacement - 1607	In-Service
115 kV Wood Pole and Shield Wire Replacement - 1618	Under Construction
115 kV Wood Pole and Shield Wire Replacement - 1732	Under Construction
115 kV Wood Pole Replacement - 1751	Cancelled
115 kV Wood Pole Replacement - 1756	In-Service
115 kV Wood Pole and Shield Wire Replacement - 1765	In-Service
115 kV Wood Pole and Shield Wire Replacement - 1766	In-Service
115 kV Wood Pole Replacement - 1910	Under Construction
115 kV Line Rebuild and Asset Condition Project - Line 1355	In-service
Line 340 Asset Condition Structure Refurbishment	Under Construction
Line K41 Asset Condition Structure Refurbishment	In-Service
Chestnut Hill #702 Substation Asset Replacements	Concept

Vernon #13 Substation Asset Replacements	Concept
Deerfield #4 Substation Asset Replacements	Concept
A-1 & B-2 69 kV Line Asset Condition Project	Planned
115 kV Granville Junction to Atwater 1853 line (formerly 1512) OPGW Project	In-Service
Derby Junction to Ansonia Corridor 115 kV Transmission Upgrades	Proposed
Rebuild the Golden Hills #90 Substation	Under Construction
Glenbrook STATCOM Replacement	In-Service
Horton Cove Asset Condition and OPGW Project	In-Service
115 kV Lattice Tower Asset Condition and OPGW Project - Line 1768	In-Service
115 kV Copper Conductor and Wood Pole Replacement - Line 1191	In-Service
Southington Substation Relay Replacement Project	Under Construction
Prior Year Wood Structure Asset Condition Replacement - Line 329 345 kV	In-service
Prior Year Wood Structure Asset Condition Replacement - Line 352 345 kV	In-service
Prior Year Wood Structure Asset Condition Replacement - Line 338 345 kV	In-service
Prior Year Wood Structure Asset Condition Replacement - Line 455-507 115 kV	In-service
Copper Conductor and Shield Wire Replacement - Line 1231/1242	Proposed
345 kV Line Structure Replacement - Line 312	Under Construction
345 kV Line Structure Replacement - Line 319	In-service
345 kV Line Structure Replacement - Line 338	In-Service
115 kV Wood Pole Asset Condition Project - Line 455-507	In-Service
Copper Conductor and Shield Wire Replacement - Line 1560/1808	Proposed
Copper Conductor and Shield Wire Replacement - Line 1580/1142/1808	Proposed
Copper Conductor and Shield Wire Replacement - Line 1588	In-Service
Copper Conductor and Shield Wire Replacement - Line 1268/1485/1622/1887	Proposed
Copper Conductor and Shield Wire Replacement - Line 1163/1550	Proposed
Copper Conductor and Shield Wire Replacement - Line 1825	Under Construction
115 kV Wood Pole and Shield Wire Replacement 2020-2023 - Line 1465	Under Construction
345 kV Line Structure and PINCO insulator Replacement - Line 310	Under Construction
345 kV Line Structure Replacement - Line 330	Under Construction
345 kV Line Structure and PINCO insulator Replacement - Line 368	In-Service
345 kV Line Structure and PINCO insulator Replacement - Line 383	Under Construction

345 kV Line Structure and PINCO insulator Replacement - Line 387	Under Construction
345 kV Line Structure and PINCO insulator Replacement - Line 3041	Under Construction
345 kV Line Structure and PINCO insulator Replacement - Line 3424	Under Construction
345 kV Line Structure and PINCO insulator Replacement - Line 3754	Under Construction
S-145/T-146 115 kV Line Reconductoring - North Reading Substation to Wallace Substation	Under Construction
V-148S Asset Condition Refurbishment and Switch Replacement - MA Portion	Proposed
V-148S Asset Condition Refurbishment and Switch Replacement - RI Portion	Proposed
Copper Conductor and Shield Wire Replacement Projects - C129 Line	In-Service
Copper Conductor and Shield Wire Replacement Projects - D108 Line	In-service
Copper Conductor and Shield Wire Replacement Projects - G128 Line	In-Service
Copper Conductor and Shield Wire Replacement Projects - L163 Line	In-Service
Copper Conductor and Shield Wire Replacement Projects - X104	In-Service
Amherst substation Protection & Controls Upgrades	Under Construction
Webster-Beebe River 115 kV Corridor Asset Condition and OPGW Project - A111 Line	Under Construction
Webster-Beebe River 115 kV Corridor Asset Condition and OPGW Project - E115 Line	Planned
Webster-Beebe River 115 kV Corridor Asset Condition and OPGW Project - Z180 Line	Planned
345 kV Line Structure Replacements - Line 373	Under Construction
Line K22 Asset Condition Structure Refurbishment	Under Construction
Line K24 Asset Condition Structure Refurbishment	Under Construction
Line K34 Asset Condition Structure Refurbishment	Under Construction
Eddy Substation Control House Relocation and Rebuild	In-Service
NH 115 kV Laminated Wood Structure Replacement Program Phase I - G128 Line	In-Service
NH 115 kV Laminated Wood Structure Replacement Program Phase I - L175 Line	In-Service
NH 115 kV Laminated Wood Structure Replacement Program Phase I - K105 Line	Under Construction
NH 115 kV Laminated Wood Structure Replacement Program Phase I - X116 Line	Under Construction
NH 115 kV Laminated Wood Structure Replacement Program Phase I - Z119 Line	Under Construction
Branford 11J A3 Bus Replacement Project	In-Service
Ludlow 19S 345 kV Full BPS Separation and Asset Condition Project	Proposed
Millbury #2 Substation Protection Scheme Upgrade and Asset Condition Refurbishments	Under Construction
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0 400N/D 400 445 IA/ I in a 5'han lantallation	
C-129N/D-130 115 kV Line Fiber Installation	In-service
X-176 115 kV Line Asset Condition Refurbishments	Under Construction
282-520 & 282-521 115 kV Lines HPFF Refurbishment	Planned
115 kV Structure and Shield Wire Replacements - Line D121	Under Construction
115 kV Structure Replacements - Line 456-522	In-Service
115 kV Structure Replacements - Line 240-510	In-Service
230 kV Structure Replacements - Line 342-603	In-Service
690 Line Rebuild and Asset Condition Project	Proposed
115 kV Wood Pole Replacement - Line 1751	Under Construction
478-508 & 478-509 115 kV Lines Asset Condition & OPGW	In-Service
Line K42 Asset Condition Line Replacement	Proposed
V-174 115 kV Line Asset Condition Refurbishments and OPGW installation	Under Construction
M-139/N-140 115 kV Lines Pilot Protection Schemes	Under Construction
Moore #20 Substation Asset Condition and Separation	Proposed
Southwest Connecticut (SWCT) Substation Relay Upgrades - Glenbrook 115 kV	Under Construction
Southwest Connecticut (SWCT) Substation Relay Upgrades - Plumtree 115 kV and 345 kV	Under Construction
Southwest Connecticut (SWCT) Substation Relay Upgrades - Norwalk 115 kV and 345 kV	Under Construction
Laminated Wood Structure Replacement Program Phase II - 3403 345 kV Line	Proposed
345 kV Structure and Shield Wire Replacements - 329 Line	Under Construction
345 kV Structure and Shield Wire Replacements - 352 Line	Proposed
115 kV Structure Replacements and Shield Wire - 191 Line	Proposed
115 kV Structure Replacements and Shield Wire - 117 Line	Proposed
Edgar Station #150 Brown Glass and Obsolete Equipment Replacement	Proposed
115 kV Structure Replacements - 211-508 Line	Proposed
115 kV Structure Replacements - 391-508 Line	Proposed
115 kV Structure Replacements - 533-508 Line	Proposed
Laminated Wood Structure Replacement Program Phase II - A152 115 kV Line	Proposed
Laminated Wood Structure Replacement Program Phase II - V191 115 kV Line	Proposed
115 kV Structure and Shield Wire Replacements - T198 Line	Proposed
P145 Line Rebuild - Asset Condition and OPGW	Proposed
Laminated Wood Structure Replacement Program Phase II - R187 115 kV Line	Proposed
Laminated Wood Structure Replacement Program Phase II - S188 115 kV Line	Under Construction
Laminated Wood Structure Replacement Program Phase II - M164 115 kV Line	Under Construction
Bridgewater #16 Substation Asset Condition Upgrades	
115 kV Line Structure and OPGW Replacements - Line 1428	

Line K21 Asset Condition Line Refurbishment	
Line K32 Asset Condition Line Refurbishment	
Line K50 Asset Condition Line Refurbishment	
Construct new Stafford Street Substation	
K-137/L-138W 115 kV Lines Pilot Protection Scheme	
G-185S/L-190 115 kV OPGW Installation from Davisville Tap to West Kingston (L-190 to Wickford Junction)	
Tewksbury #22 Substation Asset Condition Replacements	
E-5/F-6 69kV Line Asset Condition Refurbishments	
Millstone Substation 345 kV Breaker Replacements	
Northfield Mountain Substation 345 kV Breaker Replacements	
Holbrook Station 345/115 kV Autotransformer Replacement	
Deerfield Station 345 kV Breaker Replacements	
Line 379 Asset Condition Wood Structure Replacements	
Timber Swamp Station 345 kV Breaker Replacements	
Line 373 Asset Condition Wood Structure Replacements	
Line 326 Asset Condition Wood Structure Replacements	
Line 385 Asset Condition Wood Structure Replacements	
Line 391 Asset Condition Wood Structure Replacements	
Line C196 Asset Condition Wood Structure Replacements	
Scobie Pond Station 345 kV Trench Replacement & Control House Expansion Project	
Middlebury Substation Asset Condition Refurbishment	
Greggs Substation Rebuild	
Trumbull - Norwalk Corridor Partial 115 kV Line Rebuilds - 1637/1720 and 1714/1720/1222 Lines	
326 345 kV Line Structure Replacements	
Maplewood #16 Substation Asset Replacements	
115 kV Structure Replacements and OPGW Installation - 1783 Line	
115 kV Line Asset Condition and OPGW Project - Line 348	
115 kV Line Asset Condition and OPGW Project - Line 1772	
345 kV Structure Replacements and OPGW Installation - 3041 Line	
345 kV Structure Replacements and OPGW Installation - 362 Line	
East Devon 345/115 kV Relay Upgrades	
115kV Lattice Tower and Shield Wire Replacements - 1261/1598 Line	
115kV Lattice Tower, Shield Wire, and Conductor Replacements - 1355/1610 Line	

Asset Condition Wood Structure Replacements - 1208 115 kV Line	
High Hill Station 644 Control House Replacement	
Asset Condition Wood Structure Replacements - 389 345 kV Line	
Eagle Substation 345/115 kV Autotransformer Replacement	
115 kV Structure Replacements and OPGW Installation - P106 Line	
115 kV Structure Replacements and OPGW Installation - Q171 Line	
Asset Condition Wood Structure Replacements - C196 115 kV Line	
Line 381/379 Optical Ground Wire Upgrade	

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

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

In-service	In-service	In-service	NR	12/16/2019
561 1166	56.7.66	56.7.66	, , , ,	12/10/2010
In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	NR	2/15/2019
In-service	In-service	In-service	NR	NR
Under Construction	Under Construction	Under Construction	NR	7/1/2020
In-Service	In-Service	In-Service	NR	12/16/2019
In-service	In-service	In-service	NR	2/20/2020
In-service	In-service	In-service	NR	2/20/2020
Under Construction	In-Service	In-Service	NR	10/8/2020
In-service	In-service	In-service	NR	10/16/2018
In-service	In-service	In-service	NR	8/24/2018
In-service	In-service	In-service	NR	12/22/2022
In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	NR	12/16/2019 2/19/202
In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	NR	12/16/2019 2/19/2020
In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	NR	12/16/2019
In-Service	In-Service	In-Service	NR	12/16/2019
In-service	In-service	In-service	NR	12/16/2019
In-service	In-service	In-service	NR	12/16/2019
In-Service	In-Service	In-Service	NR	2/20/2020
In-service	In-service	In-service	NR	2/20/2020
In-service	In-service	In-service	NR	2/20/2020
In-service	In-service	In-service	NR	4/21/2019

In-Service	In-Service	In-Service	NR	4/21/2019
Under Construction	In-service	In-service	NR	4/21/2019
In-service	In-service	In-service	NR	NR
In-service	In-service	In-service	5/16/2018	NR
Under Construction	Under Construction	Under Construction	NR	6/30/2020
Planned	Planned	Planned	1/28/2019	No
Under Construction	In-service	In-service	NR	1/29/2021 10/31/2022
Cancelled	Cancelled	Cancelled	NR	No
Concept	Concept	Concept	NR	No
Concept	Concept	Concept	NR	No
Concept	Concept	Concept	NR	No
Concept	Concept	Concept	NR	No
Concept	Concept	Concept	NR	No
Concept	Concept	Concept	NR	No
In-service	In-service	In-service	NR	2/2/2020
In-service	In-service	In-service	NR	2/2/2020
In-service	In-service	In-service	NR	2/2/2020
In-service	In-service	In-service	NR	2/2/2020
In-Service	In-Service	In-Service	NR	2/2/2020
In-service	In-service	In-service	NR	2/2/2020
Cancelled	Cancelled	Cancelled	NR	No
In-Service	In-Service	In-Service	10/7/2019	6/30/2020
In-service	In-service	In-service	NR	2/19/2021

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

In-service	In-service	In-service	NR	2/19/2021
In-service	In-service	In-service	NR	2/19/2021
In-service	In-service	In-service	NR	2/19/2021
In-Service	In-Service	In-Service	NR	10/8/2020
Planned	Under Construction	Under Construction	NR	4/11/2022
Under Construction	Under Construction	Under Construction	NR	1/29/2021
In-service	In-service	In-service	NR	10/31/2022
In-service	In-service	In-service	NR	10/31/2022
Under Construction	Under Construction	Under Construction	NR	1/29/2021
Planned	Planned	Planned	NR	1/29/2021
Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	1/28/2019	No
Planned	Planned	Planned	1/28/2019	No
In-Service	In-Service	In-Service	7/25/2019 8/28/2020	4/28/2020
In-Service	In-Service	In-Service	NR	2/1/2021
In-service	In-service	In-service	NR	2/1/2021
In-Service	In-Service	In-Service	NR	2/1/2021

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

In-Service	In-Service	In-Service	NR	2/2/2021
In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	NR	NR
In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	NR	NR
In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	NR	2/2/2021
In-service	In-service	In-service	NR	2/2/2021 12/23/2022
Under Construction	Under Construction	In-Service	NR	No
In-Service	In-Service	In-Service	NR	2/2/2021
In-Service	In-Service	In-Service	NR	2/2/2021
In-service	In-service	In-service	NR	2/2/2021
In-Service	In-Service	In-Service	NR	No
Proposed	Proposed	Proposed	NR	No
In-Service	In-Service	In-Service	NR	No
In-Service	In-Service	In-Service	NR	No
Proposed	Proposed	Under Construction	NR	No
In-Service	In-Service	In-Service	NR	No
In-Service	In-Service	In-Service	NR	NR
Under Construction	Under Construction	In-Service	NR	No
Under Construction	Under Construction	Under Construction	NR	No
Under Construction	Under Construction	In-Service	NR	No
In-service	In-service	In-service	NR	No
In-Service	In-Service	In-Service	NR	No
Under Construction	In-Service	In-Service	NR	8/28/2020
Under Construction	Under Construction	In-Service	NR	No
Cancelled	Cancelled	Cancelled	NR	No
In-Service	In-Service	In-Service	NR	No
In-Service	In-Service	In-Service	NR	NR
In-Service	In-Service	In-Service	NR	No
Under Construction	In-Service	In-Service	NR	No
In-service	In-service	In-service	NR	2/19/2021
Under Construction	Under Construction	Under Construction	NR	1/29/2021
In-Service	In-Service	In-Service	NR	1/29/2021
Concept	Cancelled	Cancelled	No	No

Proposed	Planned	Planned	7/20/2022	No
Concept	Concept	Concept	No	No
Planned	Planned	Planned	6/2/2020	No
In-Service	In-Service	In-Service	NR	NR
Proposed	Planned	Planned	NR	No
Under Construction	Under Construction	In-Service	NR	4/8/2022
In-Service	In-Service	In-Service	4/14/2021	8/21/2021 12/23/2022
In-Service	In-Service	In-Service	11/6/2020	6/1/2022
In-Service	In-Service	In-Service	11/6/2020	8/21/2021
In-Service	In-Service	In-Service	10/5/2020	8/21/2021
Under Construction	In-Service	In-Service	NR	8/21/2021
In-service	In-service	In-service	NR	10/28/2022
In-service	In-service	In-service	NR	10/28/2022
In-service	In-service	In-service	NR	10/28/2022
In-service	In-service	In-service	NR	10/28/2022
Proposed	Proposed	Under Construction	10/19/2022	No
Under Construction	Under Construction	In-Service	NR	12/23/2022
In-service	In-service	In-service	NR	12/23/2022
In-Service	In-Service	In-Service	NR	12/23/2022
In-Service	In-Service	In-Service	NR	10/27/2022
Proposed	Proposed	Proposed	No	No
Proposed	Proposed	Proposed	No	No
In-Service	In-Service	In-Service	6/17/2021	No
Proposed	Proposed	Proposed	No	No
Proposed	Proposed	Proposed	No	No
Under Construction	Under Construction	Under Construction	12/16/2021	No
In-Service	In-Service	In-Service	NR	No
Under Construction	Under Construction	In-Service	NR	12/23/2022
Under Construction	Under Construction	In-Service	NR	12/23/2022
In-Service	In-Service	In-Service	NR	12/23/2022
Under Construction	Under Construction	Under Construction	NR	12/23/2022

Under Construction	Under Construction	Under Construction	NR	12/23/2022
Under Construction	Under Construction	Under Construction	NR	12/23/2022
Under Construction	Under Construction	Under Construction	NR	12/23/2022
Under Construction	Under Construction	Under Construction	NR	No
Under Construction	In-service	In-service	12/11/2020	6/2/2022
Planned	Under Construction	Under Construction	3/17/2022	1/30/2023
Planned	Under Construction	In-Service	3/17/2022	2/7/2023
In-Service	In-Service	In-Service	NR	No
In-service	In-service	In-service	9/22/2021	No
In-Service	In-Service	In-Service	NR	No
In-Service	In-Service	In-Service	NR	No
In-Service	In-Service	In-Service	NR	No
Under Construction	Under Construction	In-Service	NR	8/21/2021
Under Construction	Under Construction	In-Service	7/15/2021	No
Planned	Under Construction	Under Construction	7/15/2021	No
Planned	Planned	Planned	7/15/2021	No
Under Construction	In-Service	In-Service	NR	12/23/2022
Under Construction	Under Construction	In-Service	NR	8/20/2021
Under Construction	Under Construction	Under Construction	NR	8/20/2021
Under Construction	Under Construction	In-Service	NR	8/20/2021
In-Service	In-Service	In-Service	7/10/2019	8/23/2021
In-Service	In-Service	In-Service	NR	11/1/2022
In-Service	In-Service	In-Service	NR	11/1/2022
Under Construction	In-Service	In-Service	NR	11/1/2022
Under Construction	Under Construction	In-Service	NR	11/1/2022
Under Construction	Under Construction	In-Service	NR	11/1/2022
In-Service	In-Service	In-Service	NR	8/22/2021
Proposed	Proposed	Proposed	NR	No
Under Construction	Under Construction	Under Construction	NR	4/11/2022

In-service	In-service	In-service	NR	4/11/2022
In-service	In-service	In-service	NR	4/11/2022
Planned	Planned	Planned	8/23/2021	No
Under Construction	In-Service	In-Service	NR	12/23/2022
In-Service	In-Service	In-Service	NR	12/23/2022
In-Service	In-Service	In-Service	NR	12/23/2022
In-Service	In-Service	In-Service	NR	12/23/2022
Under Construction	In-Service	In-Service	7/15/2021	No
Under Construction	Under Construction	In-Service	NR	12/23/2022
In-Service	In-Service	In-Service	NR	5/31/2022
Planned	Planned	Planned	3/17/2022	No
Under Construction	Under Construction	Under Construction	NR	10/31/2022
Under Construction	In-service	In-service	NR	10/31/2022
Proposed	Proposed	Planned	12/14/2022	No
Under Construction	Under Construction	Under Construction	NR	No
Under Construction	Under Construction	Under Construction	NR	No
Under Construction	Under Construction	Under Construction	NR	No
Proposed	Proposed	Under Construction	NR	No
In-Service	In-Service	In-Service	NR	2/7/2023
Under Construction	In-Service	In-Service	NR	2/7/2023
Proposed	Under Construction	Under Construction	NR	2/7/2023
Proposed	Proposed	In-service	NR	2/7/2023
Proposed	Proposed	Proposed	NR	No
Proposed	In-service	In-service	NR	2/7/2023
Proposed	In-service	In-service	NR	2/7/2023
Proposed	In-service	In-service	NR	12/23/2022
Under Construction	Under Construction	Under Construction	NR	No
Under Construction	Under Construction	In-service	NR	No
Under Construction	Under Construction	In-service	NR	2/7/2023
Proposed	Under Construction	Under Construction	8/19/2022	No
Proposed	Under Construction	In-service	NR	No
Under Construction	Under Construction	In-service	NR	No
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
I		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
\$14,500,000	\$11,014,000	\$11,014,000	\$11,014,000
\$6,950,000	\$7,630,000	\$7,630,000	\$7,630,000
\$27,850,000	\$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)
\$4,271,787	\$11,200,000	\$11,200,000	\$11,200,000
\$6,500,000	\$6,437,000	\$6,437,000	\$6,437,000
\$20,270,000	\$20,270,000	\$20,270,000	\$20,270,000
\$14,150,000	\$14,150,000	\$14,150,000	\$14,150,000
\$13,517,000	\$13,517,000	\$13,517,000	\$13,517,000
\$8,125,000	\$8,125,000	\$8,125,000	\$8,125,000
	\$158,000,000	\$158,000,000	\$158,000,000
	\$14,800,000	\$14,800,000	\$14,800,000
	\$6,500,000	\$6,500,000	\$6,500,000
	\$13,804,000	\$13,804,000	\$13,804,000
	\$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
	\$11,240,000	\$11,240,000	\$11,240,000
	\$330,000	\$330,000	\$330,000
	\$31,770,000	\$31,770,000	\$35,190,000
	\$41,800,000	\$41,800,000	\$41,800,000
	\$21,960,000	\$21,960,000	\$26,450,000
	\$106,100,000	\$106,106,899	\$106,106,899
	\$72,900,000	\$72,900,000	\$72,900,000
	\$19,900,000	\$19,900,000	\$19,900,000

\$4,700,000	\$4,700,000	\$4,700,000
\$69,893,000	\$69,893,000	\$69,893,000
\$10,428,000	\$10,428,000	\$10,428,000
\$39,082,000	\$39,082,000	\$46,838,000
\$13,050,000	\$13,050,000	\$13,050,000
\$5,919,000	\$5,919,000	\$5,919,000
\$22,208,000	\$22,208,000	\$22,208,000
\$18,870,000	\$18,870,000	\$18,870,000
\$6,467,000	\$6,467,000	\$6,467,000
\$9,350,000	\$9,350,000	\$9,350,000
\$7,835,000	\$7,835,000	\$7,835,000
\$4,710,000	\$4,710,000	\$4,710,000
\$6,657,000	\$6,657,000	\$6,657,000
\$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
\$4,600,000	\$4,600,000	\$4,600,000
\$21,060,000	\$21,060,000	\$21,060,000
\$21,000,000	\$21,000,000	\$21,000,000
\$18,402,000	\$18,402,000	\$18,402,000
\$41,113,000	\$41,113,000	\$41,113,000
\$10,148,000	\$10,148,000	\$10,148,000
\$7,551,000	\$7,551,000	\$7,551,000
\$27,560,000	\$27,560,000	\$27,560,000
\$15,884,000	\$15,884,000	\$15,884,000
\$18,545,000	\$18,545,000	\$18,545,000
 \$3,700,000	\$3,700,000	\$3,700,000
\$5,466,000	\$5,466,000	\$5,466,000
	\$4,331,000	\$4,331,000
\$4,331,000	Ψ - -,001,000	
\$4,331,000 \$17,732,000	\$17,732,000	\$17,732,000

\$11,154,000	\$11,154,000	\$11,154,000
\$11,702,000	\$11,702,000	\$11,702,000
\$15,235,000	\$15,235,000	\$15,235,000
\$14,453,000	\$14,453,000	\$14,453,000
\$16,255,000	\$16,255,000	\$16,255,000
\$17,858,000	\$17,858,000	\$17,858,000
\$10,860,000	\$10,860,000	\$10,860,000
\$4,700,000	\$4,700,000	\$4,700,000
\$16,612,000	\$16,612,000	\$16,612,000
\$17,190,000	\$17,190,000	\$17,190,000
\$15,100,000	\$15,100,000	\$15,100,000
\$12,985,000	\$12,985,000	\$12,985,000
\$48,322,000	\$48,322,000	\$48,322,000
\$54,964,000	\$54,964,000	\$54,964,000
\$6,353,000	\$6,353,000	\$6,353,000
\$5,868,000	\$5,868,000	\$5,868,000
\$14,994,000	\$14,994,000	\$14,994,000
\$7,462,000	\$7,462,000	\$7,462,000
\$13,695,000	\$13,695,000	\$13,695,000
\$19,393,000	\$19,393,000	\$19,393,000
\$14,220,000	\$14,220,000	\$14,220,000
\$12,807,000	\$12,807,000	\$12,807,000
\$13,492,000	\$13,492,000	\$13,492,000
\$13,771,000	\$13,771,000	\$13,771,000
\$9,594,000	\$9,594,000	\$9,594,000
\$8,276,000	\$8,276,000	\$8,276,000
\$10,151,000	\$10,151,000	\$10,151,000
\$52,500,000	\$52,500,000	\$52,500,000
\$18,132,000	\$18,132,000	\$18,132,000
 \$7,887,000	\$7,887,000	\$7,887,000
\$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
\$2,908,881	\$2,908,881	\$2,908,881
\$4,342,676	\$4,342,676	\$4,342,676
\$17,925,000	\$17,925,000	\$17,925,000
\$17,422,320	\$17,422,320	\$17,422,320
\$14,892,000	\$18,020,000	\$18,020,000
\$8,292,000	\$8,292,000	\$8,292,000
\$6,168,000	\$6,168,000	\$6,168,000
\$9,400,000	\$9,400,000	\$9,400,000
\$8,665,000	\$8,665,000	\$8,665,000
\$16,992,000	\$16,992,000	\$16,992,000
\$6,884,000	\$6,884,000	\$6,884,000
\$11,200,000	\$11,200,000	\$11,200,000
\$72,430,000	\$72,430,000	\$72,430,000
\$14,043,000	\$14,043,000	\$14,043,000

\$3,774,000	\$3,774,000	\$3,774,000
\$7,487,000	\$7,487,000	\$7,487,000
\$4,332,000	\$4,332,000	\$4,332,000
\$4,400,000	\$4,400,000	\$4,400,000
Part of Asset Condition #142	Part of Asset Condition #142	Part of Asset Condition #142
\$14,772,000	\$14,772,000	\$14,772,000
\$8,182,000	\$8,182,000	\$8,182,000
\$6,959,000	\$6,959,000	\$6,959,000
\$7,230,000	\$7,230,000	\$7,230,000
\$8,300,000	\$8,300,000	\$8,300,000
\$9,959,000	\$9,959,000	\$9,959,000
\$23,854,000	\$23,854,000	\$23,854,000
\$7,500,000	\$7,500,000	\$7,500,000
\$8,299,000	\$8,299,000	\$8,299,000
\$5,800,000	\$5,800,000	\$5,800,000
\$6,928,000	\$6,928,000	\$6,928,000
\$9,095,000	\$9,095,000	\$9,095,000
\$9,993,000	\$9,993,000	\$9,993,000
\$5,608,000	\$5,608,000	\$5,608,000
\$7,300,000	\$7,300,000	\$7,300,000
\$16,272,000	\$16,272,000	\$16,272,000
\$7,743,000	\$7,743,000	\$7,743,000
\$4,467,000	\$4,467,000	\$4,467,000
Part of Asset Condition #227	Part of Asset Condition #227	Part of Asset Condition #227
\$6,076,000	\$6,076,000	\$6,076,000
 \$13,122,000	\$13,122,000	\$13,122,000
\$5,426,000	\$5,426,000	\$5,426,000
\$5,250,000	\$5,250,000	\$5,250,000
\$8,247,000	\$8,247,000	\$8,247,000
\$8,811,000	\$8,811,000	\$8,811,000
\$10,328,000	\$10,328,000	\$10,328,000
\$8,113,000	\$8,113,000	\$8,113,000

\$8,968,000	\$8,968,000	\$8,968,000
\$7,586,000	\$7,586,000	\$7,586,000
\$5,780,000	\$5,780,000	\$5,780,000
\$16,597,000	\$16,597,000	\$16,597,000
\$14,485,000	\$14,485,000	\$14,485,000
\$87,877,000	\$87,877,000	\$87,877,000
\$22,472,000	\$22,472,000	\$22,472,000
\$5,618,000	\$5,618,000	\$5,618,000
\$99,072,000	\$99,072,000	\$99,072,000
\$25,107,000	\$25,107,000	\$25,107,000
\$17,422,320	\$17,422,320	\$17,422,320
\$21,493,614	\$21,493,614	\$21,493,614
\$71,391,220	\$71,391,220	\$71,391,220
\$51,963,324	\$51,963,324	\$51,963,324
\$40,124,764	\$40,124,764	\$40,124,764
\$40,124,764	\$40,124,764	\$40,124,764
\$28,940,339	\$28,940,339	\$28,940,339
\$28,940,339	\$28,940,339	\$28,940,339
\$14,700,532	\$14,700,532	\$14,700,532
\$14,700,532	\$14,700,532	\$14,700,532
\$14,544,175	\$14,544,175	\$14,544,175
\$14,544,175	\$14,544,175	\$14,544,175
\$24,079,000	\$24,079,000	\$24,079,000
\$19,740,000	\$19,740,000	\$19,740,000
 \$6,481,000	\$6,481,000	\$6,481,000
\$17,126,000	\$17,126,000	\$17,126,000

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\$15,110,000	\$15,110,000	\$15,110,000
\$12,842,000	\$12,842,000	\$12,842,000
\$5,088,000	\$5,088,000	\$5,088,000
\$16,355,000	\$16,355,000	\$16,355,000
\$7,077,000	\$7,077,000	\$7,077,000
\$22,083,000	\$22,083,000	\$22,083,000
\$18,090,000	\$18,090,000	\$18,090,000
\$9,737,000	\$9,737,000	\$9,737,000
\$7,523,000	\$7,523,000	\$7,523,000
\$11,131,000	\$11,131,000	\$11,131,000
\$7,663,000	\$7,663,000	\$7,663,000
\$8,200,000	\$8,200,000	\$8,200,000
\$6,021,000	\$6,021,000	\$6,021,000
\$4,992,951	\$4,992,951	\$4,992,951
\$41,300,000	\$41,300,000	\$41,300,000
\$20,900,000	\$20,900,000	\$20,900,000
\$12,358,000	\$12,358,000	\$12,358,000
\$9,842,000	\$9,842,000	\$9,842,000
\$26,175,000	\$26,175,000	\$26,175,000
\$3,630,000	\$3,630,000	\$3,630,000
\$13,631,000	\$13,631,000	\$13,631,000
\$10,995,000	\$10,995,000	\$10,995,000
\$11,589,000	\$11,589,000	\$11,589,000
\$6,590,000	\$6,590,000	\$6,590,000
\$14,408,000	\$14,408,000	\$14,408,000
\$17,313,000	\$17,313,000	\$17,313,000
\$11,111,000	\$11,111,000	\$11,111,000
\$97,995,000	\$97,995,000	\$97,995,000
\$10,640,000	\$10,640,000	\$10,640,000
\$6,600,000	\$6,600,000	\$6,600,000
\$8,170,000	\$8,170,000	\$8,170,000
\$6,403,000	\$6,403,000	\$6,403,000
\$10,048,000	\$10,048,000	\$10,048,000
	\$12,842,000 \$5,088,000 \$16,355,000 \$7,077,000 \$22,083,000 \$18,090,000 \$9,737,000 \$7,523,000 \$11,131,000 \$7,663,000 \$4,992,951 \$41,300,000 \$12,358,000 \$9,842,000 \$12,358,000 \$9,842,000 \$13,631,000 \$13,631,000 \$11,589,000 \$11,589,000 \$11,589,000 \$11,111,000 \$97,995,000 \$11,111,000 \$97,995,000 \$10,640,000 \$6,600,000 \$6,600,000 \$6,600,000	\$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 \$8,200,000 \$8,200,000 \$8,200,000 \$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 \$36,621,000 \$36,621,000 \$41,300,000 \$11,358,000 \$11,358,000 \$11,358,000 \$11,358,000 \$11,358,000 \$11,358,000 \$11,358,000 \$11,358,000 \$11,358,000 \$11,359,000 \$11,359,000 \$11,6995,000 \$10,995,000 \$11,589,000 \$11,589,000 \$11,111,000 \$11,111,000 \$97,995,000 \$10,640,000 \$6,600,000 \$6,600,000 \$8,17,000 \$86,600,000 \$8,17,000 \$86,600,000 \$8,17,000 \$86,600,000 \$86,403,000 \$86,403,000

\$7,530,000 \$7,530,000 \$7,530,000 \$7,530,000 \$7,404,000 \$7,404,000 \$7,404,000 \$7,404,000 \$7,404,000 \$4,100,000			
\$4,100,000 \$4,100,000 \$4,100,000 \$4,100,000 \$16,240,000 \$16,240,000 \$16,240,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,9740,000 \$2,00	\$7,530,000	\$7,530,000	\$7,530,000
\$16,240,000 \$16,240,000 \$3,809,000 \$3,809,000 \$3,809,000 \$3,809,000 \$3,809,000 \$3,809,000 \$22,740,000 \$21,740,000 \$21,750,000	\$7,404,000	\$7,404,000	\$7,404,000
\$3,809,000 \$3,809,000 \$3,809,000 \$29,740,000 \$29,740,000 \$29,740,000 \$29,740,000 \$29,740,000 \$29,740,000 \$29,740,000 \$29,740,000 \$29,740,000 \$22,578,000 \$21,340,0	\$4,100,000	\$4,100,000	\$4,100,000
\$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 \$22,656,000 \$21,800,00	\$16,240,000	\$16,240,000	\$16,240,000
\$8,475,000 \$8,475,000 \$8,475,000 \$24,992,000 \$22,578,000 \$22,578,000 \$22,578,000 \$22,556,000 \$22,656,000 \$22,656,000 \$22,656,000 \$22,656,000 \$22,656,000 \$22,656,000 \$22,656,000 \$22,656,000 \$22,656,000 \$22,656,000 \$22,656,000 \$22,656,000 \$22,656,000 \$22,656,000 \$22,656,000 \$210,800,000 \$210,800,000 \$210,800,000 \$210,800,000 \$21,4	\$3,809,000	\$3,809,000	\$3,809,000
\$22,578,000 \$22,578,000 \$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 \$10,800,000 \$10,800,000 \$10,800,000 \$11,340,000 \$11,340,000 \$11,340,000 \$11,340,000 \$11,340,000 \$11,340,000 \$11,340,000 \$12,400,000 \$12,4180,000 \$12,4180,000 \$12,4180,000 \$12,422,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$13,956,000 \$17,100,000 \$17,100,000 \$17,100,000 \$17,100,000 \$17,100,000 \$13,876,000 \$13,877,000 \$13,800,000 \$13	\$29,740,000	\$29,740,000	\$29,740,000
\$22,656,000 \$22,656,000 \$22,656,000 \$10,800,000 \$10,800,000 \$10,800,000 \$10,800,000 \$10,800,000 \$10,800,000 \$10,800,000 \$11,800,000 \$11,800,000 \$11,340,000 \$11,340,000 \$11,340,000 \$11,340,000 \$11,340,000 \$12,400,000 \$13,394,000 \$14,824,180,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$13,956,000 \$110,001,000 \$10,0	\$8,475,000	\$8,475,000	\$8,475,000
\$10,800,000 \$10,800,000 \$10,800,000 \$10,800,000 \$8,877,000 \$8,877,000 \$8,877,000 \$11,340,000 \$11,340,000 \$11,340,000 \$11,340,000 \$12,400,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$12,000,000 \$13,956,000 \$10,091,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,626,000 \$7,626,000 \$7,626,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$10,750,000 \$10,750,000 \$10,750,000 \$10,750,000 \$10,750,000 \$10,750,000 \$16,556,000 \$16,556,000 \$8,226,000 \$8,226,000 \$8,226,000 \$8,226,000 \$8,226,000 \$7,450,000 \$7	\$22,578,000	\$22,578,000	\$24,992,000
\$8,877,000 \$8,877,000 \$11,340,000 \$11,340,000 \$11,340,000 \$11,340,000 \$11,340,000 \$11,340,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,4180,000 \$12,4180,000 \$12,4180,000 \$12,4180,000 \$12,4180,000 \$12,4180,000 \$12,4180,000 \$12,4180,000 \$12,422,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$12,000,000 \$12,000,000 \$13,956,000 \$10,091,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,626,000 \$7,626,000 \$7,626,000 \$7,626,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,0	\$22,656,000	\$22,656,000	\$22,656,000
\$11,340,000 \$11,340,000 \$11,340,000 \$9,688,000 \$9,688,000 \$9,688,000 \$12,400,000 \$12,400,000 \$12,400,000 \$83,273,000 \$8,273,000 \$8,273,000 \$5,394,000 \$5,394,000 \$5,394,000 \$24,180,000 \$24,180,000 \$24,180,000 \$9,577,000 \$9,577,000 \$9,577,000 \$12,402,000 \$2,422,000 \$2,422,000 \$14,826,000 \$14,826,000 \$14,826,000 \$110,091,000 \$12,000,000 \$13,956,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,626,000 \$7,626,000 \$7,626,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$24,469,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$47,450,000 \$1,7450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000	\$10,800,000	\$10,800,000	\$10,800,000
\$9,688,000 \$9,688,000 \$9,688,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$12,400,000 \$8,273,000 \$8,273,000 \$8,273,000 \$5,394,000 \$5,394,000 \$5,394,000 \$24,180,000 \$24,180,000 \$24,180,000 \$9,577,000 \$9,577,000 \$9,577,000 \$9,577,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$13,956,000 \$10,091,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,626,000 \$7,626,000 \$7,626,000 \$8,7626,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$24,469,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,7,450,000 \$7,450,000	\$8,877,000	\$8,877,000	\$8,877,000
\$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 \$24,180,000 \$24,180,000 \$24,180,000 \$9,577,000 \$9,577,000 \$9,577,000 \$9,577,000 \$2,422,000 \$2,422,000 \$14,826,000 \$14,826,000 \$14,826,000 \$12,000,000 \$13,956,000 \$10,091,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,626,000 \$7,626,000 \$7,626,000 \$8,7626,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$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 \$8,226,000 \$8,226,000 \$8,226,000 \$8,226,000 \$8,226,000 \$8,226,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000	\$11,340,000	\$11,340,000	\$11,340,000
\$8,273,000 \$8,273,000 \$8,273,000 \$5,394,000 \$5,394,000 \$5,394,000 \$24,180,000 \$24,180,000 \$24,180,000 \$9,577,000 \$9,577,000 \$9,577,000 \$2,422,000 \$2,422,000 \$2,422,000 \$14,826,000 \$14,826,000 \$14,826,000 \$12,000,000 \$12,000,000 \$13,956,000 \$10,091,000 \$8,353,000 \$8,353,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,626,000 \$7,626,000 \$7,626,000 \$8,767,000 \$8,767,000 \$8,767,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$10,750,000 \$24,469,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$3,800,000 \$8,226,000 \$8,226,000 \$8,226,000 \$7,450,000 \$7,450,000 \$37,200,000	\$9,688,000	\$9,688,000	\$9,688,000
\$5,394,000 \$5,394,000 \$5,394,000 \$24,180,000 \$24,180,000 \$24,180,000 \$24,180,000 \$24,180,000 \$24,180,000 \$24,180,000 \$24,180,000 \$24,180,000 \$24,180,000 \$24,180,000 \$24,180,000 \$24,22,000 \$2,422,000 \$2,422,000 \$2,422,000 \$14,826,000 \$14,826,000 \$14,826,000 \$12,000,000 \$13,956,000 \$12,000,000 \$13,956,000 \$10,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,626,000 \$7,626,000 \$7,626,000 \$8,7626,000 \$8,7626,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$24,469,000 \$24,469,000 \$24,469,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,7450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000	\$12,400,000	\$12,400,000	\$12,400,000
\$24,180,000 \$24,180,000 \$24,180,000 \$9,577,000 \$9,577,000 \$2,422,000 \$2,422,000 \$14,826,000 \$14,826,000 \$12,000,000 \$12,000,000 \$10,091,000 \$8,353,000 \$7,100,000 \$7,100,000 \$7,626,000 \$7,626,000 \$8,7626,000 \$13,877,000 \$13,877,000 \$8,767,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$10,750,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$3,800,000 \$16,556,000 \$16,556,000 \$3,7450,000 \$1,7450,000 \$3,7450,000 \$1,7450,000 \$3,7450,000 \$1,7450,000 \$3,7450,000 \$1,7450,000 \$3,7450,000 \$1,7450,000 \$3,7450,000 \$1,7450,000 \$3,7450,000 \$1,7450,000 \$3,7450,000 \$1,7450,000 \$3,7450,000 \$1,7450,000 \$3,7450,000 \$1,7450,000 \$3,7450,000 \$1,7450,000 \$3,7450,000 \$1,7450,000	\$8,273,000	\$8,273,000	\$8,273,000
\$9,577,000 \$9,577,000 \$9,577,000 \$2,422,000 \$2,422,000 \$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$12,000,000 \$13,956,000 \$10,091,000 \$10,091,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,626,000 \$13,876,000 \$13,876,000 \$13,876,000 \$13,876,000 \$13,876,000 \$13,876,000 \$13,876,000 \$13,876,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$10,750,000 \$24,469,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$3,800,000 \$16,556,000 \$16,556,000 \$16,556,000 \$16,556,000 \$16,556,000 \$16,556,000 \$17,450,000 \$17,450,000 \$17,450,000 \$17,450,000 \$17,450,000 \$17,450,000 \$17,450,000 \$17,450,000 \$17,450,000 \$17,450,000 \$13,7200,000 \$17,450,000 \$17,4	\$5,394,000	\$5,394,000	\$5,394,000
\$2,422,000 \$2,422,000 \$2,422,000 \$14,826,000 \$14,826,000 \$12,000,000 \$12,000,000 \$13,956,000 \$10,091,000 \$8,353,000 \$7,100,000 \$7,100,000 \$7,100,000 \$7,626,000 \$7,626,000 \$8,7626,000 \$13,8767,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$16,556,000 \$16,556,000 \$8,226,000 \$7,450,000 \$7,	\$24,180,000	\$24,180,000	\$24,180,000
\$14,826,000 \$14,826,000 \$14,826,000 \$14,826,000 \$12,000,000 \$13,956,000 \$10,091,000 \$8,353,000 \$8,353,000 \$7,100,000 \$7,100,000 \$7,626,000 \$7,626,000 \$7,626,000 \$8,7626,000 \$8,7626,000 \$13,877,000 \$8,767,000 \$8,767,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$24,469,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$3,800,000 \$16,556,000 \$16,556,000 \$8,226,000 \$7,450,000 \$7	\$9,577,000	\$9,577,000	\$9,577,000
\$12,000,000 \$12,000,000 \$13,956,000 \$10,000 \$13,956,000 \$10,000 \$13,000 \$10,000 \$10,000 \$7,100,000 \$7,626,000 \$7,626,000 \$7,626,000 \$8,7626,000 \$13,877,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$24,469,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$3,800,000 \$16,556,000 \$16,556,000 \$8,226,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$7,450,000 \$13,7,200,000 \$13,7,200,000	\$2,422,000	\$2,422,000	\$2,422,000
\$10,091,000 \$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 \$8,7626,000 \$8,767,000 \$8,767,000 \$8,767,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$10,750,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$3,7,450,000 \$7,450,000 \$37,200,000 \$37,200,000	\$14,826,000	\$14,826,000	\$14,826,000
\$7,100,000 \$7,100,000 \$7,100,000 \$7,100,000 \$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 \$10,750,000 \$10,750,000 \$10,750,000 \$24,469,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$16,556,000 \$16,556,000 \$16,556,000 \$8,226,000 \$8,226,000 \$8,226,000 \$7,450,000 \$7,450,000 \$37,200,000 \$37,200,000	\$12,000,000	\$12,000,000	\$13,956,000
\$7,626,000 \$7,626,000 \$7,626,000 \$7,626,000 \$8,767,000 \$8,767,000 \$8,767,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$10,750,000 \$24,469,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$16,556,000 \$16,556,000 \$16,556,000 \$8,226,000 \$7,450,000 \$7,450,000 \$37,200,000 \$37,200,000	\$10,091,000	\$8,353,000	\$8,353,000
\$8,767,000 \$8,767,000 \$8,767,000 \$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$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 \$37,200,000 \$37,200,000	\$7,100,000	\$7,100,000	\$7,100,000
\$13,877,000 \$13,877,000 \$13,877,000 \$10,750,000 \$10,750,000 \$10,750,000 \$24,469,000 \$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 \$37,200,000 \$37,200,000	\$7,626,000	\$7,626,000	\$7,626,000
\$10,750,000 \$10,750,000 \$10,750,000 \$24,469,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$16,556,000 \$16,556,000 \$8,226,000 \$8,226,000 \$8,226,000 \$7,450,000 \$7,450,000 \$37,200,000 \$37,200,000	\$8,767,000	\$8,767,000	\$8,767,000
\$24,469,000 \$24,469,000 \$24,469,000 \$24,469,000 \$3,800,000 \$3,800,000 \$16,556,000 \$16,556,000 \$16,556,000 \$8,226,000 \$8,226,000 \$7,450,000 \$7,450,000 \$37,200,000 \$37,200,000	\$13,877,000	\$13,877,000	\$13,877,000
\$3,800,000 \$3,800,000 \$3,800,000 \$3,800,000 \$16,556,000 \$16,556,000 \$16,556,000 \$8,226,000 \$8,226,000 \$7,450,000 \$7,450,000 \$37,200,000 \$37,200,000	\$10,750,000	\$10,750,000	\$10,750,000
\$16,556,000 \$16,556,000 \$16,556,000 \$16,556,000 \$8,226,000 \$8,226,000 \$7,450,000 \$7,450,000 \$37,200,000 \$37,200,000	\$24,469,000	\$24,469,000	\$24,469,000
\$8,226,000 \$8,226,000 \$8,226,000 \$7,450,000 \$7,450,000 \$37,200,000 \$37,200,000	\$3,800,000	\$3,800,000	\$3,800,000
\$7,450,000 \$7,450,000 \$7,450,000 \$37,200,000 \$37,200,000 \$37,200,000	\$16,556,000	\$16,556,000	\$16,556,000
\$37,200,000 \$37,200,000 \$37,200,000	\$8,226,000	\$8,226,000	\$8,226,000
	\$7,450,000	\$7,450,000	\$7,450,000
\$9,300,000 \$9,300,000 \$9,300,000	\$37,200,000	\$37,200,000	\$37,200,000
	\$9,300,000	\$9,300,000	\$9,300,000

	\$39,690,000	\$39,690,000
\$347,300,000	\$347,300,000	\$325,430,000
\$4,800,000	\$4,800,000	\$4,800,000
\$36,000,000	\$36,000,000	\$36,000,000
\$10,180,000	\$10,180,000	\$10,180,000
\$18,699,000	\$18,699,000	\$21,298,000
\$13,949,000	\$13,949,000	\$13,949,000
\$22,929,000	\$22,929,000	\$22,929,000
\$38,054,000	\$38,054,000	\$38,054,000
\$9,362,000	\$9,362,000	\$9,362,000
\$5,925,000	\$5,925,000	\$5,925,000
\$5,998,000	\$5,998,000	\$5,998,000
\$5,804,000	\$5,804,000	\$5,804,000
\$10,296,000	\$10,296,000	\$10,296,000
\$97,000,000	\$97,000,000	\$158,500,000
\$21,160,000	\$21,160,000	\$21,160,000
\$7,838,000	\$7,838,000	\$7,838,000
\$8,700,000	\$8,700,000	\$8,700,000
\$5,191,000	\$5,191,000	\$5,191,000
\$19,700,000	\$19,700,000	\$19,700,000
\$68,100,000	\$68,100,000	\$68,100,000
\$9,611,000	\$9,611,000	\$9,611,000
\$29,600,000	\$29,600,000	\$29,600,000
\$16,700,000	\$16,700,000	\$16,700,000
\$7,286,000	\$7,286,000	\$7,286,000
 \$8,770,000	\$8,770,000	\$8,770,000
\$61,333,000	\$61,333,000	\$61,333,000
\$8,039,000	\$8,039,000	\$8,039,000
 \$9,860,000	\$9,860,000	\$9,860,000
\$16,778,000	\$16,778,000	\$16,778,000

\$12,781,000 \$12,781,000 \$12,781,000 \$14,534,000 \$14,534,000 \$14,534,000 \$14,534,000 \$14,534,000 \$14,534,000 \$14,500,000 \$14,900,000 \$14,900,000 \$15,000,000 \$15,000,000 \$16,500,000 \$16,500,000 \$16,500,000 \$16,500,000 \$16,500,000 \$16,500,000 \$16,500,000 \$16,500,000 \$16,500,000 \$16,500,000 \$16,500,000 \$16,500,000 \$16,500,000 \$14,322,000 \$14,322,000 \$14,590,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$15,044,000 \$15,044,000 \$15,044,000 \$15,044,000 \$15,044,000 \$15,044,000 \$15,044,000 \$15,044,000 \$15,044,000 \$15,044,000 \$15,044,000 \$15,044,000 \$15,044,000 \$15,040,000 \$15,040,000 \$15,040,000 \$15,040,000 \$15,040,000 \$15,040,000 \$15,040,000 \$15,040,000 \$15,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,00			
\$14,900,000 \$14,900,000 \$14,900,000 \$5,000,000 \$5,000,000 \$5,000,000 \$16,540,000 \$16,540,000 \$21,885,000 \$10,411,000 \$10,411,000 \$9,760,000 \$14,322,000 \$14,322,000 \$14,590,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$6,750,000 \$6,750,000 \$6,750,000 \$5,044,000 \$5,044,000 \$5,044,000 \$23,310,000 \$23,310,000 \$23,310,000 \$6,994,000 \$6,994,000 \$6,994,000 \$6,994,000 \$6,100,000 \$6,801,000 \$6,801,000 \$55,516,000 \$55,516,000 \$64,147,000 \$9,669,000 \$9,669,000 \$9,669,000 \$9,669,000 \$9,669,000 \$9,669,000 \$9,720,000 \$9,720,000 \$15,240,000 \$15,240,000 \$15,240,000 \$15,240,000 \$12,632,000 \$12,632,000 \$12,632,000 \$12,632,000 \$12,632,000 \$12,632,000 \$13,300,000 \$15,530,000 \$12,632,000 \$14,6503,000 \$16,503,000 \$15,500,000 \$24,646,000 \$24,646,000 \$24,646,000 \$23,443,000 \$23,443,000 \$23,443,000 \$24,646,000 \$24,646,000 \$24,646,000 \$24,646,000 \$24,646,000 \$24,646,000 \$24,646,000 \$24,646,000 \$24,646,000	\$12,781,000	\$12,781,000	\$12,781,000
\$5,000,000 \$5,000,000 \$5,000,000 \$16,540,000 \$16,540,000 \$16,540,000 \$116,540,000 \$21,885,000 \$114,1000 \$10,411,000 \$10,411,000 \$14,590,000 \$14,590,000 \$14,590,000 \$14,322,000 \$14,322,000 \$14,590,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$12,145,000 \$13,000 \$10,000 \$13,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$1	\$14,534,000	\$14,534,000	\$14,534,000
\$16,540,000 \$16,540,000 \$21,885,000 \$10,411,000 \$310,411,000 \$310,411,000 \$310,411,000 \$310,411,000 \$310,000 \$314,590,000 \$314,322,000 \$314,322,000 \$314,590,000 \$312,145,000 \$312,110,000	\$14,900,000	\$14,900,000	\$14,900,000
\$10.411.000 \$10.411.000 \$9,780.000 \$14.322.000 \$14.322.000 \$14.590.000 \$12.145,000 \$12.145,000 \$12.145,000 \$6,750.000 \$6,750.000 \$6,750.000 \$5,044.000 \$5,044.000 \$5,044.000 \$23.310.000 \$23.310.000 \$6,994.000 \$6,994.000 \$6,994.000 \$6,100.000 \$6,081.000 \$6,081.000 \$55,116,000 \$55,116,000 \$64.147,000 \$9,669.000 \$9,669.000 \$9,669.000 \$9,720.000 \$9,720.000 \$9,720.000 \$9,720.000 \$9,720.000 \$15,240.000 \$15,240.000 \$6,051.000 \$6,710.000 \$6,051.000 \$6,051.000 \$15,240.000 \$12,632.000 \$12,632.000 \$12,632.000 \$12,632.000 \$12,632.000 \$12,632.000 \$19,300.000 \$119,300.000 \$16,503.000 \$16,503.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000 \$23,443.000	\$5,000,000	\$5,000,000	\$5,000,000
\$14,322,000 \$14,322,000 \$14,590,000 \$12,145,000 \$12,145,000 \$12,145,000 \$6,750,000 \$6,750,000 \$6,750,000 \$5,044,000 \$5,044,000 \$5,044,000 \$23,310,000 \$23,310,000 \$23,310,000 \$6,994,000 \$6,994,000 \$6,994,000 \$6,100,000 \$6,081,000 \$6,081,000 \$55,116,000 \$55,116,000 \$55,116,000 \$9,55,116,000 \$9,669,000 \$9,669,000 \$9,351,000 \$9,351,000 \$9,351,000 \$9,351,000 \$9,351,000 \$9,351,000 \$9,351,000 \$15,240,000 \$9,720,000 \$15,240,000 \$15,240,000 \$15,240,000 \$6,710,000 \$6,710,000 \$6,710,000 \$6,710,000 \$6,710,000 \$12,632,000 \$12,632,000 \$12,632,000 \$19,300,000 \$19,300,000 \$19,300,000 \$16,503,000 \$16,503,000 \$16,503,000 \$23,443,000 \$23,443,000 \$24,646,000 \$23,443,000 \$23,443,000 \$23,443,000 \$42,900,000 \$42,900,000 \$42,900,000	\$16,540,000	\$16,540,000	\$21,885,000
\$12,145,000 \$12,145,000 \$12,145,000 \$6,750,000 \$6,750,000 \$5,044,000 \$5,044,000 \$5,044,000 \$23,310,000 \$23,310,000 \$6,994,000 \$6,994,000 \$6,994,000 \$6,994,000 \$6,081,000 \$6,081,000 \$55,5116,000 \$55,5116,000 \$64,147,000 \$9,669,000 \$9,669,000 \$9,669,000 \$9,351,000 \$9,351,000 \$9,351,000 \$9,351,000 \$9,351,000 \$15,240,000 \$15,240,000 \$15,240,000 \$15,240,000 \$6,051,000 \$6,051,000 \$6,051,000 \$12,632,000 \$12,632,000 \$12,632,000 \$19,300,000 \$19,300,000 \$19,300,000 \$16,503,000 \$16,503,000 \$16,503,000 \$23,443,000 \$23,443,000 \$23,443,000 \$23,443,000 \$23,443,000 \$23,443,000 \$42,900,000 \$42,900,000 \$42,900,000	\$10,411,000	\$10,411,000	\$9,780,000
\$6,750,000 \$6,750,000 \$6,750,000 \$5,044,000 \$5,044,000 \$5,044,000 \$5,044,000 \$5,044,000 \$23,310,000 \$23,310,000 \$6,994,000 \$6,994,000 \$6,994,000 \$6,994,000 \$6,981,000 \$6,981,000 \$6,081,000 \$65,501,000 \$553,501,000 \$553,501,000 \$553,501,000 \$553,501,000 \$553,501,000 \$6,981,000 \$9,669,000 \$9,669,000 \$9,669,000 \$9,669,000 \$9,351,000 \$9,351,000 \$15,240,000 \$15,240,000 \$15,240,000 \$15,240,000 \$6,710,000 \$6,710,000 \$6,710,000 \$6,710,000 \$12,632,000 \$12,632,000 \$12,632,000 \$12,632,000 \$13,930,000 \$19,300,000 \$19,300,000 \$19,300,000 \$15,634,000 \$24,646,000 \$24,640,000 \$44,900,000 \$44,900,000 \$44,900,000 \$44,900,000	\$14,322,000	\$14,322,000	\$14,590,000
\$5,044,000 \$5,044,000 \$5,044,000 \$23,310,000 \$23,310,000 \$23,310,000 \$23,310,000 \$23,310,000 \$23,310,000 \$23,310,000 \$23,310,000 \$23,000 \$23,310,000 \$23,000 \$	\$12,145,000	\$12,145,000	\$12,145,000
\$23,310,000 \$23,310,000 \$23,310,000 \$6,994,000 \$6,994,000 \$6,994,000 \$6,994,000 \$6,081,000 \$6,081,000 \$53,501,000 \$53,501,000 \$55,116,000 \$55,116,000 \$64,147,000 \$9,669,000 \$9,669,000 \$9,669,000 \$9,351,000 \$9,351,000 \$9,351,000 \$9,351,000 \$9,720,000 \$9,720,000 \$15,240,000 \$15,240,000 \$6,710,000 \$6,710,000 \$6,610,000 \$6,051,000 \$6,051,000 \$12,632,000 \$12,632,000 \$13,300,000 \$19,300,000 \$16,503,000 \$16,503,000 \$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	\$6,750,000	\$6,750,000	\$6,750,000
\$6,994,000 \$6,994,000 \$6,094,000 \$6,081,000 \$6,081,000 \$53,501,000 \$53,501,000 \$53,501,000 \$553,	\$5,044,000	\$5,044,000	\$5,044,000
\$6,100,000 \$6,081,000 \$6,081,000 \$53,501,000 \$53,501,000 \$553,501,000 \$553,501,000 \$553,501,000 \$553,501,000 \$553,501,000 \$553,501,000 \$553,501,000 \$553,501,000 \$553,501,000 \$553,501,000 \$553,501,000 \$59,669,000 \$59,669,000 \$59,669,000 \$59,351,000 \$59,720,000 \$59,720,000 \$59,720,000 \$59,720,000 \$59,720,000 \$515,240,000 \$515,240,000 \$515,240,000 \$56,710,000 \$66,710,000 \$66,710,000 \$66,710,000 \$66,710,000 \$60,051,000 \$512,632,000 \$512,632,000 \$512,632,000 \$512,632,000 \$519,300,000 \$519,300,000 \$519,300,000 \$519,300,000 \$516,503,000 \$516,503,000 \$524,646,000 \$524,646,000 \$524,646,000 \$523,443,000 \$523,443,000 \$523,443,000 \$523,443,000 \$510,322,000 \$5	\$23,310,000	\$23,310,000	\$23,310,000
\$53,501,000 \$53,501,000 \$53,501,000 \$55,116,000 \$55,116,000 \$64,147,000 \$9,669,000 \$9,669,000 \$9,669,000 \$9,351,000 \$9,351,000 \$9,351,000 \$9,720,000 \$9,720,000 \$9,720,000 \$15,240,000 \$15,240,000 \$15,240,000 \$6,710,000 \$6,710,000 \$6,710,000 \$66,051,000 \$12,632,000 \$12,632,000 \$19,300,000 \$19,300,000 \$16,503,000 \$16,503,000 \$16,503,000 \$24,646,000 \$24,646,000 \$24,646,000 \$23,443,000 \$10,322,000 \$10,322,000 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000 \$42,900,000	\$6,994,000	\$6,994,000	\$6,994,000
\$55,116,000 \$55,116,000 \$64,147,000 \$9,669,000 \$9,669,000 \$9,669,000 \$9,351,000 \$9,351,000 \$9,351,000 \$9,720,000 \$9,720,000 \$9,720,000 \$15,240,000 \$15,240,000 \$15,240,000 \$6,710,000 \$6,710,000 \$6,051,000 \$12,632,000 \$12,632,000 \$19,300,000 \$19,300,000 \$16,503,000 \$16,503,000 \$24,646,000 \$23,443,000 \$23,443,000 \$10,322,000 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000 \$42,900,000 \$42,900,000 \$42,900,000 \$42,900,000 \$42,900,000 \$42,900,000	\$6,100,000	\$6,081,000	\$6,081,000
\$9,669,000 \$9,669,000 \$9,669,000 \$9,669,000 \$9,351,000 \$9,351,000 \$9,720,000 \$9,720,000 \$9,720,000 \$15,240,000 \$15,240,000 \$15,240,000 \$6,710,000 \$6,710,000 \$6,710,000 \$6,051,000 \$12,632,000 \$12,632,000 \$19,300,000 \$19,300,000 \$16,503,000 \$16,503,000 \$16,503,000 \$24,646,000 \$24,646,000 \$23,443,000 \$23,443,000 \$10,322	\$53,501,000	\$53,501,000	\$53,501,000
\$9,351,000 \$9,351,000 \$9,351,000 \$9,351,000 \$9,720,000 \$9,720,000 \$9,720,000 \$15,240,000 \$15,240,000 \$15,240,000 \$15,240,000 \$6,710,000 \$6,710,000 \$6,051,000 \$6,051,000 \$12,632,000 \$12,632,000 \$19,300,000 \$19,300,000 \$19,300,000 \$16,503,000 \$16,503,000 \$16,503,000 \$24,646,000 \$24,646,000 \$24,646,000 \$23,443,000 \$10,322,000 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000 \$42,900,000	\$55,116,000	\$55,116,000	\$64,147,000
\$9,720,000 \$9,720,000 \$9,720,000 \$9,720,000 \$15,240,000 \$15,240,000 \$15,240,000 \$6,710,000 \$6,710,000 \$6,051,000 \$6,051,000 \$12,632,000 \$12,632,000 \$12,632,000 \$19,300,000 \$19,300,000 \$16,503,000 \$16,503,000 \$16,503,000 \$24,646,000 \$24,646,000 \$23,443,000 \$23,443,000 \$10,322,000 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000	\$9,669,000	\$9,669,000	\$9,669,000
\$15,240,000 \$15,240,000 \$15,240,000 \$15,240,000 \$6,710,000 \$6,710,000 \$6,710,000 \$6,051,000 \$6,051,000 \$12,632,000 \$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 \$10,322,000 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000 \$42,900,000	\$9,351,000	\$9,351,000	\$9,351,000
\$6,710,000 \$6,710,000 \$6,710,000 \$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 \$10,322,000 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000 \$42,900,000	\$9,720,000	\$9,720,000	\$9,720,000
\$6,051,000 \$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 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000 \$42,900,000	\$15,240,000	\$15,240,000	\$15,240,000
\$12,632,000 \$12,632,000 \$12,632,000 \$19,300,000 \$19,300,000 \$19,300,000 \$16,503,000 \$16,503,000 \$24,646,000 \$24,646,000 \$23,443,000 \$23,443,000 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000	\$6,710,000	\$6,710,000	\$6,710,000
\$19,300,000 \$19,300,000 \$19,300,000 \$19,300,000 \$16,503,000 \$16,503,000 \$24,646,000 \$24,646,000 \$23,443,000 \$23,443,000 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000	\$6,051,000	\$6,051,000	\$6,051,000
\$16,503,000 \$16,503,000 \$16,503,000 \$24,646,000 \$24,646,000 \$23,443,000 \$23,443,000 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000	\$12,632,000	\$12,632,000	\$12,632,000
\$24,646,000 \$24,646,000 \$24,646,000 \$24,646,000 \$23,443,000 \$23,443,000 \$23,443,000 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000	\$19,300,000	\$19,300,000	\$19,300,000
\$23,443,000 \$23,443,000 \$23,443,000 \$10,322,000 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000 \$42,900,000	\$16,503,000	\$16,503,000	\$16,503,000
\$10,322,000 \$10,322,000 \$10,322,000 \$42,900,000 \$42,900,000 \$42,900,000	\$24,646,000	\$24,646,000	\$24,646,000
\$42,900,000 \$42,900,000 \$42,900,000	 \$23,443,000	\$23,443,000	\$23,443,000
	 \$10,322,000	\$10,322,000	\$10,322,000
\$28,040,000 \$28,040,000 \$28,040,000	\$42,900,000	\$42,900,000	\$42,900,000
	\$28,040,000	\$28,040,000	\$28,040,000

\$11,220,000	\$11,220,000	\$11,220,000
\$18,520,000	\$18,520,000	\$18,520,000
\$69,600,000	\$69,600,000	\$69,600,000
\$13,105,000	\$13,105,000	\$13,105,000
\$5,672,000	\$5,672,000	\$5,672,000
\$11,636,000	\$11,636,000	\$11,636,000
\$5,451,000	\$5,451,000	\$5,451,000
\$11,000,000	\$11,045,000	\$11,045,000
\$28,794,000	\$28,794,000	\$28,794,000
\$5,866,000	\$5,866,000	\$5,866,000
\$49,000,000	\$49,000,000	\$49,000,000
\$26,300,000	\$26,300,000	\$26,300,000
\$9,400,000	\$9,400,000	\$9,400,000
\$49,307,000	\$49,307,000	\$49,307,000
\$10,034,000	\$10,034,000	\$10,034,000
\$19,300,000	\$19,300,000	\$19,300,000
\$16,358,000	\$16,358,000	\$16,358,000
\$8,422,000	\$8,422,000	\$8,422,000
\$6,242,000	\$6,242,000	\$6,242,000
\$5,800,000	\$5,782,000	\$5,782,000
\$19,200,000	\$19,200,000	\$27,840,000
\$5,900,000	\$5,880,000	\$5,880,000
\$6,500,000	\$6,500,000	\$6,500,000
\$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
\$15,264,000	\$17,476,000	\$17,476,000
\$11,024,000	\$10,114,000	\$10,114,000
\$19,100,000	\$19,113,000	\$19,113,000
\$52,000,000	\$52,000,000	\$52,142,000
\$7,541,000	\$7,541,000	\$7,541,000
\$7,342,000	\$7,342,000	\$7,342,000
\$6,024,000	\$6,024,000	\$6,024,000
	\$25,950,000	\$25,950,000
	\$7,994,000	\$7,994,000

	\$20,550,000
	\$14,320,000
	\$31,280,000
	\$56,800,000
	\$19,940,000
	\$8,493,000
	\$35,490,000
	\$17,600,000
	\$9,200,000
	\$10,290,000
	\$5,182,000
	\$8,020,000
	\$7,431,000
	\$7,066,000
	\$6,194,000
	\$5,035,000
	\$8,953,000
	\$14,800,000
	\$19,652,000

Mar-23 Estimated PTF Costs
\$11,014,000
\$7,630,000
\$27,300,000
Cost Part of Asset Condition #5 (\$12.0)
\$11,200,000
\$6,437,000
\$20,270,000
\$14,150,000
\$13,517,000
\$8,125,000
\$158,000,000
\$14,800,000
\$6,500,000
\$13,804,000
\$12,287,000
Cost part of Asset Condition #1
\$11,240,000
\$330,000
\$35,190,000
\$41,800,000
\$26,450,000
\$106,106,899
\$72,900,000
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\$6,000,000
φ0,000,000
\$69,893,000
\$10,428,000
\$46,838,000
\$13,050,000
\$5,919,000
\$22,208,000
\$18,870,000
\$6,467,000 \$9,350,000
\$7,835,000
\$4,710,000
\$6,657,000
\$13,421,000
Cost part of Asset Condition #38
\$4,600,000
\$21,060,000
\$21,000,000
\$18,402,000
\$41,113,000
\$10,148,000
\$7,551,000
\$27,560,000
\$15,884,000
\$18,545,000
\$3,700,000
\$5,466,000
\$4,331,000
\$17,732,000
\$1,174,157

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\$11,702,000
\$15,235,000
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\$87,421,778

Part of Project #85
Part of Project #85
\$2,908,881
\$4,342,676
\$17,925,000
\$17,422,320
\$18,020,000
\$8,292,000
\$6,168,000
\$9,400,000
\$8,665,000
\$16,992,000
\$6,884,000
\$11,200,000
\$72,430,000
\$14,043,000

\$3,774,000
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\$4,332,000
\$4,400,000
Part of Asset Condition #142
\$14,772,000
\$8,182,000
\$6,959,000
\$7,230,000
\$8,300,000
\$9,959,000
\$23,854,000
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\$8,299,000
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\$6,928,000
\$9,095,000
\$9,993,000
\$5,608,000
\$7,300,000
\$16,272,000
\$7,743,000
\$4,467,000
Part of Asset Condition #227
\$6,076,000
\$13,122,000
\$5,426,000
\$5,250,000
\$8,247,000
\$8,811,000
\$10,328,000
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\$51,810,000
\$51,810,000
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\$25,905,000
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\$19,700,000
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\$47,200,000 \$34,500,000
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\$34,500,000 \$7,286,000 \$8,770,000
\$34,500,000 \$7,286,000 \$8,770,000 \$61,333,000
\$34,500,000 \$7,286,000 \$8,770,000 \$61,333,000 \$10,248,000

\$12,781,000
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\$27,840,000 \$5,880,000 \$6,500,000 \$5,800,000 \$5,000,000 \$5,000,000 \$17,476,000 \$10,114,000
\$27,840,000 \$5,880,000 \$6,500,000 \$5,800,000 \$5,000,000 \$5,000,000 \$17,476,000 \$10,114,000 \$19,113,000
\$27,840,000 \$5,880,000 \$6,500,000 \$5,800,000 \$5,000,000 \$5,000,000 \$17,476,000 \$10,114,000 \$19,113,000
\$27,840,000 \$5,880,000 \$6,500,000 \$5,800,000 \$5,000,000 \$5,000,000 \$17,476,000 \$10,114,000 \$19,113,000 \$52,142,000 \$7,541,000
\$27,840,000 \$5,880,000 \$6,500,000 \$5,800,000 \$5,000,000 \$5,000,000 \$17,476,000 \$10,114,000 \$19,113,000 \$52,142,000 \$7,541,000

\$5,842,000	
\$19,270,000	
\$6,648,000	
\$6,375,000	
\$5,634,000	
\$14,966,000	
\$6,191,000	
\$8,238,000	