

Project	Description	TOTAL Jan 19 - Dec 20	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
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TRTP Segments 3B and 4-11

7183 Segment 3B

800062547	230 kV Transmission Line Between Highwind and Windhub Substation	4	2	2	1	-	-	-	-	-	-	-	-	-
Total Segment 3B		4	2	2	1	-	-	-	-	-	-	-	-	-

5243 Segment 6

800217316	I: TRTP 6-2: New Vincent-Duarte 500kV: Construct new 27 miles sin	2,817	9	203	222	20	84	29	124	414	514	564	414	219
Total Segment 6		2,817	9	203	222	20	84	29	124	414	514	564	414	219

6438 Segment 7

800218138	I: TRTP 7-3: Antelope-Mesa 230kV T/L: Construct new 16-mile doub	20	3	6	8	4	-	-	-	-	-	-	-	-
Total Segment 7		20	3	6	8	4	-	-	-	-	-	-	-	-

6439 Segment 8

800218645	I: TRTP 8-8: Mira Loma-Vincent: Construct new 33 miles 500kV T/L	(12)	14	20	44	(215)	124	-	-	-	-	-	-	-
Total Segment 8		(12)	14	20	44	(215)	124	-	-	-	-	-	-	-

7553 TRTP Segment 8A (TRTP 500kV Underground)

900610533	Mira Loma-Vincent 500 kV T/L (UG): Civil & Cable Portion	40	(8)	10	26	13	-	-	-	-	-	-	-	-
801479004	TRTP-Segment 8A CHUG: Land/ Easements Acquisition/ Condemna	72	4	22	46	-	-	-	-	-	-	-	-	-
901109252	East Transition Station	271	144	8	(1)	116	2	2	-	-	-	-	-	-
901109253	West Transition Station	(26)	(27)	4	(3)	0	-	-	-	-	-	-	-	-
Total TRTP Segment 8A		357	113	44	67	128	2	2	-	-	-	-	-	-

6442 Segment 11

800217339	I: TRTP 11-1: Mesa-Vincent #1 500kV: Construct 18.6 miles Mesa-V	461	3	193	187	7	9	9	9	9	9	9	9	9
Total Segment 11		461	3	193	187	7	9	9	9	9	9	9	9	9

Subtotal TRTP Segments 3B		4	2	2	1	-	-	-	-	-	-	-	-	-
Subtotal TRTP Segments 4 - 11		3,643	142	467	528	(56)	219	40	133	423	523	573	423	228
Total TRTP Segments 3B & 4 - 11		3,647	144	468	529	(56)	219	40	133	423	523	573	423	228

8169 Colorado River Substation Expansion

900603420	Devers: Relays for D-RB 500kV N-2 SPS	16,316	2	1	4	44	44	44	44	44	44	44	44	44
Total CRS Expansion		16,316	2	1	4	44	44	44	44	44	44	44	44	44

7650/7695 Whirlwind Substation Expansion

901368041	Install N60 relays to add generation to Whirlwind AA Bank SPS	5	2	3	0	0	-	-	-	-	-	-	-	-
901307713	Whirlwind 3rd AA bank and SPS	2	0	-	2	-	-	-	-	-	-	-	-	-
Total Whirlwind Sub Expansion		7	2	3	3	0	-	-	-	-	-	-	-	-

6902 Calcite Substation (formerly Jasper; part of South of Kramer)

900295954	Calcite: LGIA Engineer and construct a new interconnection facility	2,905	24	26	16	25	25	25	25	25	25	25	25	33
Total South of Kramer (Jasper Portion)		2,905	24	26	16	25	25	25	25	25	25	25	25	33

6420 West of Devers Upgrade Project

800062511	Pre-Engineering (Morongo Transmission Relocation Project)	0	-	-	0	-	-	-	-	-	-	-	-	-
901453922	Devers Sub: Install 220kV CBs & DSs	901	7	41	4	-	-	-	-	-	-	-	-	-
901453923	El Casco Sub: Install 220kV Terminal Equipment	1,100	19	5	18	50	50	50	50	50	50	50	25	133
901453924	Etiwanda Sub: Install 220kV Relay Equipment	0	0	0	0	-	-	-	-	-	-	-	-	-
901453925	San Bernardino : Install Disconnects	1,645	51	23	36	41	41	41	41	160	190	171	18	85
901460764	Rebuild Devers-El Casco & El Casco-San Bernardino 220kV	311,397	23,901	12,123	21,102	12,696	13,546	12,546	14,546	11,987	11,036	13,036	9,187	8,117
901453926	Vista Sub: Install Disconnects	1,340	16	66	37	80	50	50	50	50	50	50	50	120
801275175	Acquire Easements for West of Devers	2,771	27	12	13	535	535	550	35	35	25	25	25	574
Total West of Devers		319,155	24,021	12,271	21,209	13,402	14,222	13,237	14,722	12,282	11,351	13,332	9,305	9,030

6092 Alberhill System

800063633	Licensing Phase - Site Selection, PEA/Application Preparation, Envir	1,570	105	63	33	103	68	71	65	71	65	71	44	26
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TRTP Segments 3B and 4-11

Project	Description	TOTAL Jan 19 - Dec 20	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
800374409	Valley: Replace existing LFCB relay with	-	-	-	-	-	-	-	-	-	-	-	-	-
800374410	Serrano: Replace existing LFCB relay wit	-	-	-	-	-	-	-	-	-	-	-	-	-
800796373	Alberhill Real Properties Acquisition	-	-	-	-	-	-	-	-	-	-	-	-	-
900502072	Alberhill-Serrano 500kV: Form the Alberhill-Serrano 500 kV line by l	-	-	-	-	-	-	-	-	-	-	-	-	-
900502073	Alberhill-Valley 500kV: Form the Alberhill-Valley 500 kV line by loop	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Alberhill		1,570	105	63	33	103	68	71	65	71	65	71	44	26
7546 Eldorado-Lugo-Mohave Upgrade														
801648460	ELMSC Real Properties Acquisition	1,963	10	64	7	15	15	15	15	15	15	15	15	25
901056467	Eldorado Sub: Upgrade Terminal Equipment	11,202	136	134	139	94	94	325	196	1,911	222	223	855	248
901056468	Lugo Sub: Upgrade Terminal Equipment and	14,201	109	161	524	18	220	990	133	66	2,475	714	32	49
901490550	Mohave Sub:Install CBs, Disc.&series cap	14,652	70	44	124	32	31	1,791	334	2,705	31	1,239	54	72
901624163	Mid-Line Cap:Inst cap on Eldor Lugo T/L	14,534	135	67	181	124	123	510	331	2,855	214	210	208	210
901826564	Inst Eldo-Lug-Mhve Series Caps at Ludlow	14,471	134	68	181	115	115	499	321	2,874	189	217	219	219
901904770	Eldorado-Mohave T/L: Instal OPGW, splice	4,965	(117)	5	85	8	8	211	8	452	272	12	1,620	12
901904772	Lugo-Mohave T/L(CA): Instal OPGW, splice	13,295	(585)	7	184	23	22	524	376	1,161	728	20	4,590	54
901904773	Lugo-Mohave T/L(NV): Instal OPGW, splice	982	(17)	1	13	2	7	33	7	73	48	5	275	5
901904774	Eldorado-Lugo T/L(CA): Clear infractions	3,341	(319)	1	88	2	8	384	139	558	269	7	10	21
902618358	LADWP McCullough Substation	10,477	-	-	-	-	-	-	-	-	-	-	-	-
Total Eldorado-Lugo-Mohave		104,082	(444)	552	1,526	433	643	5,282	1,859	12,669	4,463	2,662	7,878	915
7555 Mesa Substation														
900959223	Mesa Substation: Upgrade Mesa from a 230	40,743	1,939	2,458	(448)	4,779	3,482	2,840	2,533	905	843	843	843	11,484
901192480	Laguna Bell: Replace (4) 230 kV CBs	370	12	12	10	6	6	6	6	269	13	13	13	7
901192481	Lighthipe:Replace (2) 230kV CBs&disconct	601	18	18	148	111	111	111	0	0	0	0	0	77
901192483	Rio Hondo Sub: Upgrade/Update Protection	146	4	(0)	13	6	118	6	-	-	-	-	-	1
901197441	Mesa Area Phase2: Relocate various lines	1,039	14	5	5	19	19	19	8	8	8	8	8	43
901560422	Mesa Area Phase1:Form LB-Mesa2&Mesa-RH2	2,061	1	10	0	(6)	(6)	(6)	53	58	58	58	58	310
901564026	Center Sub:Replc 3 GE relays	106	1	0	1	4	4	4	4	4	4	4	4	71
901564029	Redondo Sub: Replc 1 SEL-311L relay.	11	-	11	-	-	-	-	-	-	-	-	-	-
901777019	Mesa: SCE 50% MWD Water Line Relocation	-	-	-	-	-	-	-	-	-	-	-	-	-
902124236	Eagle Rock-Mesa: Ins	484	(0)	2	1	-	-	-	22	22	22	22	22	374
902124387	Goodrich-Mesa: Install 1000ft cndctr	328	2	(0)	1	159	5	5	25	25	25	25	25	32
902124388	Laguna Bell-Mesa #1 220kV: Install 2300 cktft of conductor	414	1	0	1	6	90	6	30	30	30	30	30	158
902124389	Laguna Bell-Mesa2: l	1,962	-	6	0	-	-	484	139	139	139	139	139	779
902124390	Lighthipe-Mesa: Install 3 strcts+cnd	1,781	268	106	(95)	431	37	37	37	37	37	37	37	811
902124394	Mesa-Rio Hondo #1 220kV: Install 4structures and 3000 ckt ft of con	4,345	7	2	0	84	65	156	65	616	65	65	65	614
902124395	Mesa-Rio Hondo2: Install 3000ft cndctr	832	0	0	0	119	8	8	8	8	8	8	8	205
902124396	Mesa-Vincent1: Install 2 strcts+cndctr	3,188	3	2	1	165	57	57	57	57	57	588	588	1,557
902124398	Mesa-Vincent2: Install 2 strcts+cndctr	1,876	4	5	-	29	29	296	29	29	249	249	249	706
902124580	Mesa-Walnut: Install	2,892	0	2	160	107	-	-	-	-	-	547	-	-
902124582	Redondo-Vincent:Inst	9	1	1	5	1	1	1	1	-	-	-	-	-
902132965	Goodrich-Laguna Bell: Install 1500ft cnd	9	1	2	0	1	1	1	1	1	1	1	1	1
902132967	LagunaBell-RioHondo:	667	(0)	3	1	173	-	-	-	-	-	-	-	-
902178838	Mesa: Upgrade to a 500/230/66/16kV sub	133,055	2,512	(2,417)	90	395	3,458	457	7,161	1,561	13,006	1,561	5,046	2,377
801291267	ACQ Mesa 500kV Substation/MPO	-	-	-	-	-	-	-	-	-	-	-	-	-
902124234	Mesa-Mira Loma: Inst	4,103	2	-	-	2	2	2	2	2	2	2	2	7
902124235	Mesa-Vincent: Install 1600 ft cndctr	398	-	-	-	-	-	-	-	86	-	-	-	6
902472308	Mira Loma Subs	3	-	3	(1)	-	-	-	-	-	-	-	-	1
902472309	Vincent Subs	2	0	2	0	-	-	-	-	-	-	-	-	-
Total Mesa		201,425	4,790	235	(106)	6,591	7,486	4,490	10,180	3,856	14,566	4,200	7,138	19,619
Grand Total for Non-TRTP														
		645,461	28,500	13,151	22,685	20,597	22,487	23,147	26,894	28,947	30,515	20,333	24,434	29,667
Grand Total														
		649,107	28,646	13,621	23,215	20,542	22,706	23,187	27,027	29,369	31,037	20,905	24,856	29,894

Project	Description	Total 2019	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total 2020	Operating Date
800374409	Valley: Replace existing LFCB relay with	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-25
800374410	Serrano: Replace existing LFCB relay wit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-25
800796373	Alberhill Real Properties Acquisition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-25
900502072	Alberhill-Serrano 500kV: Form the Alberhill-Serrano 500 kV line by l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-25
900502073	Alberhill-Valley 500kV: Form the Alberhill-Valley 500 kV line by loop	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-25
Total Alberhill		785	65	65	65	65	65	65	65	65	65	65	65	65	785	
7546 Eldorado-Lugo-Mohave Upgrade																
801648460	ELMSC Real Properties Acquisition	226	100	100	100	100	100	100	137	200	200	200	200	200	1,737	Dec-21
901056467	Eldorado Sub: Upgrade Terminal Equipment	4,577	633	1,909	721	1,244	262	322	205	206	216	334	304	268	6,624	Dec-21
901056468	Lugo Sub: Upgrade Terminal Equipment and	5,491	365	1,763	1,594	875	412	545	412	412	460	593	687	592	8,710	Dec-21
901490550	Mohave Sub:Install CBs, Disc.&series cap	6,526	215	1,417	900	586	586	835	470	238	232	481	573	1,593	8,126	Dec-21
901624163	Mid-Line Cap:Inst cap on Eldor Lugo T/L	5,168	277	1,362	755	323	377	580	366	366	366	569	1,599	2,426	9,366	Dec-21
901826564	Inst Eldo-Lug-Mhve Series Caps at Ludlow	5,150	277	1,475	747	210	377	580	366	355	355	569	1,599	2,411	9,321	Dec-21
901904770	Eldorado-Mohave T/L: Instal OPGW, splice	2,577	26	307	324	132	132	298	141	141	141	305	280	161	2,388	Dec-21
901904772	Lugo-Mohave T/L(CA): Instal OPGW, splice	7,103	101	101	659	170	577	1,040	577	577	387	799	740	464	6,192	Dec-21
901904773	Lugo-Mohave T/L(NV): Instal OPGW, splice	451	20	17	55	45	35	61	35	32	35	61	99	37	531	Dec-21
901904774	Eldorado-Lugo T/L(CA): Clear infractions	1,169	29	28	540	235	236	248	123	122	123	165	191	132	2,172	Dec-21
902618358	LADWP McCullough Substation	-	100	100	120	620	4,797	620	620	620	620	620	820	820	10,477	Dec-21
Total Eldorado-Lugo-Mohave		38,439	2,143	8,579	6,515	4,540	7,891	5,230	3,452	3,269	3,135	4,697	7,090	9,103	65,644	
7555 Mesa Substation																
900959223	Mesa Substation: Upgrade Mesa from a 230	32,501	687	687	687	687	687	687	687	687	687	687	687	687	8,242	Jun-21
901192480	Laguna Bell: Replace (4) 230 kV CBs	370	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-19
901192481	Lighthipe:Replace (2) 230kV CBs&disconct	594	1	1	1	1	1	1	1	1	1	1	1	1	6	Jun-19
901192483	Rio Hondo Sub: Upgrade/Update Protection	146	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-19
901197441	Mesa Area Phase2: Relocate various lines	165	73	73	73	73	73	73	73	73	73	73	73	73	874	Dec-20
901560422	Mesa Area Phase1:Form LB-Mesa2&Mesa-RH2	587	123	123	123	123	123	123	123	123	123	123	123	123	1,474	Dec-20
901564026	Center Sub:Replc 3 GE relays	106	-	-	-	-	-	-	-	-	-	-	-	-	-	Nov-19
901564029	Redondo Sub: Replc 1 SEL-311L relay.	11	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-19
901777019	Mesa: SCE 50% MWD Water Line Relocation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	May-18
902124236	Eagle Rock-Mesa: Ins	484	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124387	Goodrich-Mesa: Install 1000ft cndctr	328	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124388	Laguna Bell-Mesa #1 220kV: Install 2300 cktft of conductor	414	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124389	Laguna Bell-Mesa2: I	1,962	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124390	Lighthipe-Mesa: Install 3 strcts+cnd	1,781	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124394	Mesa-Rio Hondo #1 220kV: Install 4structures and 3000 ckt ft of con	1,802	208	208	208	208	208	208	208	208	208	208	208	253	2,542	Dec-20
902124395	Mesa-Rio Hondo2: Install 3000ft cndctr	384	37	37	37	37	37	37	37	37	37	37	37	45	448	Dec-20
902124396	Mesa-Vincent1: Install 2 strcts+cndctr	3,188	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124398	Mesa-Vincent2: Install 2 strcts+cndctr	1,876	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124580	Mesa-Walnut: Install	816	170	170	170	170	170	170	170	170	170	170	170	207	2,075	Dec-20
902124582	Redondo-Vincent:Inst	9	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902132965	Goodrich-Laguna Bell: Install 1500ft cnd	9	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902132967	LagunaBell-RioHondo:	177	3	3	3	3	3	3	3	3	3	3	3	452	490	Dec-20
902178838	Mesa: Upgrade to a 500/230/66/16kV sub	35,206	8,079	8,079	8,079	8,079	8,079	8,079	8,079	8,079	8,079	8,079	8,079	8,985	97,849	Mar-22
801291267	ACQ Mesa 500kV Substation/MPO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Apr-17
902124234	Mesa-Mira Loma: Inst	27	260	260	260	260	260	260	260	260	260	260	260	1,217	4,076	Dec-20
902124235	Mesa-Vincent: Install 1600 ft cndctr	92	4	4	4	4	4	4	4	4	4	4	4	261	305	Dec-20
902472308	Mira Loma Subs	3	-	-	-	-	-	-	-	-	-	-	-	-	-	Jun-21
902472309	Vincent Subs	2	-	-	-	-	-	-	-	-	-	-	-	-	-	Jun-21
Total Mesa		83,043	9,644	9,644	9,644	9,644	9,644	9,644	9,644	9,644	9,644	9,644	9,644	12,303	118,382	
Grand Total for Non-TRTP																
		291,356	22,858	32,795	32,335	28,996	32,846	27,445	27,167	28,984	29,460	31,031	28,654	31,533	354,105	
Grand Total																
		295,002	22,858	32,795	32,335	28,996	32,846	27,445	27,167	28,984	29,460	31,031	28,654	31,533	354,105	