

Project	Description	TOTAL Jan 18 - Dec 19	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
901453922	Devers Sub: Install 220kV CBs & DSs	1,428	37	51	13	35	35	35	35	35	35	35	35	48
901453923	El Casco Sub: Install 220kV Terminal Equipment	1,551	3	16	96	45	45	45	45	45	45	76	45	45
901453924	Etiwanda Sub: Install 220kV Relay Equipment	1	(0)	1	0	-	-	-	-	-	-	-	-	-
901453925	San Bernardino : Install Disconnects	2,392	26	9	77	35	45	45	45	45	45	50	35	35
901460764	Rebuild Devers-El Casco & El Casco-San Bernardino 220kV	240,832	455	2,002	4,542	4,998	4,903	5,330	4,611	6,491	5,857	16,597	17,929	19,354
901453926	Vista Sub: Install Disconnects	1,419	(1)	20	4	35	45	45	45	45	55	56	35	35
801275175	Acquire Easements for West of Devers	9,542	67	404	67	500	500	1,000	1,000	1,000	1,500	1,500	1,000	529
Total West of Devers		257,166	588	2,503	4,798	5,648	5,573	6,500	5,781	7,661	7,537	18,313	19,079	20,045
6092 Alberhill System														
800063633	Licensing Phase - Site Selection, PE/ Application Preparation, Env	7,299	16	39	43	117	89	86	127	170	148	99	315	63
800374409	Valley: Replace existing LFCB relay with	44	-	-	-	-	-	-	-	-	-	-	-	-
800374410	Serrano: Replace existing LFCB relay wit	90	-	-	-	-	-	-	-	-	-	-	-	-
800796373	Alberhill Real Properties Acquisition	639	-	0	(0)	-	-	-	-	-	-	-	-	-
900502072	Alberhill-Serrano 500kV: Form the Alberhill-Serrano 500 kV line by l	898	-	-	-	-	-	-	-	-	-	-	-	-
900502073	Alberhill-Valley 500kV: Form the Alberhill-Valley 500 kV line by loop	1,003	-	-	-	-	-	-	-	-	-	-	-	-
Total Alberhill		9,973	16	40	43	117	89	86	127	170	148	99	315	63
7546 Eldorado-Lugo-Mohave Upgrade														
801648460	ELMSC Real Properties Acquisition	204	-	-	0	1	1	1	2	2	2	3	4	6
901056467	Eldorado Sub: Upgrade Terminal Equipment	7,320	412	89	1,957	120	120	120	103	103	80	76	31	198
901056468	Lugo Sub: Upgrade Terminal Equipment and	7,168	518	36	1,776	184	184	184	184	183	182	129	5	233
901490550	Mohave Sub:Install CBs, Disc.&series cap	10,249	276	17	1,888	182	182	194	195	195	201	149	5	73
901624163	Mid-Line Cap:Inst cap on Eldor Lugo T/L	13,410	346	37	2,017	179	167	167	160	167	227	80	80	75
901826564	Inst Eldo-Lug-Mhve Series Caps at Ludlow	13,391	389	32	2,017	134	168	168	168	168	184	91	91	90
901904770	Eldorado-Mohave T/L: Instal OPGW, splice	3,289	49	3	61	15	18	22	25	25	25	26	31	55
901904772	Lugo-Mohave T/L(CA): Instal OPGW, splice	8,182	126	3	182	26	26	27	27	27	27	31	37	86
901904773	Lugo-Mohave T/L(NV): Instal OPGW, splice	476	14	1	0	5	9	5	9	5	9	5	9	11
901904774	Eldorado-Lugo T/L(CA): Clear infractions	2,688	17	0	76	8	8	8	8	8	9	9	12	21
Total Eldorado-Lugo-Mohave		66,376	2,148	218	9,975	854	883	896	881	883	946	599	305	846
7555 Mesa Substation														
900959223	Mesa Substation: Upgrade Mesa from a 230	94,314	2,623	5,215	4,786	3,575	6,326	8,423	3,702	7,382	4,459	4,820	1,482	3,044
901192358	Goodrich Sub: Upgrade/Update Protection.	116	1	12	0	8	8	8	8	7	4	4	4	11
901192480	Laguna Bell: Replace (4) 230 kV CBs	814	-	-	1	0	0	0	0	0	0	0	0	0
901192481	Lighthipe:Replace (2) 230kV CBs&disconct	285	376	(375)	23	56	1	1	29	1	1	1	1	122
901192483	Rio Hondo Sub: Upgrade/Update Protection	164	-	-	-	-	-	-	-	-	-	-	-	2
901197441	Mesa Area Phase2: Relocate various lines	1,438	557	57	69	27	27	27	27	27	27	27	27	54
901560422	Mesa Area Phase1:Form LB-Mesa2&Mesa-RH2	3,267	19	26	20	18	18	18	18	18	18	18	18	20
901564026	Center Sub:Replc 3 GE relays	89	-	-	1	0	0	0	0	0	0	0	0	0
901564029	Redondo Sub: Replc 1 SEL-311L relay.	178	24	47	21	1	1	1	5	5	5	5	5	57
901777019	Mesa: SCE 50% MWD Water Line Relocation	1,941	737	717	428	36	-	-	-	-	-	-	-	24
902124236	Eagle Rock-Mesa: Ins	1,106	-	1	(0)	0	0	0	0	0	0	0	0	0
902124387	Goodrich-Mesa: Install 1000ft cndctr	260	-	-	0	0	0	92	0	0	0	0	0	2
902124388	Laguna Bell-Mesa #1 220kV: Install 2300 cktft of conductor	86	-	-	-	-	-	-	-	-	-	-	-	-
902124389	Laguna Bell-Mesa2: I	3,498	26	14	25	19	19	19	19	19	19	19	19	15
902124390	Lighthipe-Mesa: Install 3 strcts+cnd	5,903	171	79	1,007	129	129	129	129	129	129	129	129	3
902124394	Mesa-Rio Hondo #1 220kV: Install 4structures and 3000 ckt ft of con	4,484	-	6	-	3	3	94	3	3	3	3	1,079	27
902124395	Mesa-Rio Hondo2: Install 3000ft cndctr	640	-	-	-	-	-	-	-	-	-	-	92	2
902124396	Mesa-Vincent1: Install 2 strcts+cndctr	2,832	23	43	29	(107)	29	29	29	29	29	29	29	29
902124398	Mesa-Vincent2: Install 2 strcts+cndctr	528	5	15	16	11	11	104	11	11	11	11	11	38
902124580	Mesa-Walnut: Install	756	(84)	-	-	-	93	107	-	-	-	-	-	4
902124582	Redondo-Vincent:Inst	942	421	98	31	(544)	464	1	1	1	1	1	1	391
902132965	Goodrich-Laguna Bell: Install 1500ft cnd	210	-	5	1	185	2	2	2	2	2	2	2	8
902132967	LagunaBell-RioHondo:	3,307	1,220	762	161	(846)	405	85	737	85	85	85	85	224
902178838	Mesa: Upgrade to a 500/230/66/16kV sub	27,388	34	42	109	66	66	373	66	66	66	76	77	593
Total Mesa		154,549	6,151	6,765	6,729	2,638	7,603	9,514	4,761	7,814	4,861	5,232	3,062	4,669
Grand Total for Non-TRTP		489,885	8,925	9,545	21,564	9,275	14,167	17,015	11,567	16,546	13,510	24,262	22,780	25,642

Project	Description	Total 2018	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total 2019	Operating Date
901453922	Devers Sub: Install 220kV CBs & DSs	428	50	50	100	100	100	100	100	100	100	100	50	50	1,000	Dec-18
901453923	El Casco Sub: Install 220kV Terminal Equipment	551	50	50	100	100	100	100	100	100	100	100	50	50	1,000	Jun-18
901453924	Etiwanda Sub: Install 220kV Relay Equipment	1	-	-	-	-	-	-	-	-	-	-	-	-	-	Jun-18
901453925	San Bernardino : Install Disconnects	492	100	100	150	150	200	200	200	200	200	200	100	100	1,900	Oct-19
901460764	Rebuild Devers-El Casco & El Casco-San Bernardino 220kV	93,069	4,325	4,946	10,800	12,346	12,888	13,665	13,932	14,102	14,674	18,041	13,471	14,574	147,764	May-21
901453926	Vista Sub: Install Disconnects	419	50	50	100	100	100	100	100	100	100	100	50	50	1,000	Dec-18
801275175	Acquire Easements for West of Devers	9,067	35	40	40	40	40	40	40	40	40	40	40	40	475	Dec-18
Total West of Devers		104,028	4,610	5,236	11,290	12,836	13,428	14,205	14,472	14,642	15,214	18,581	13,761	14,864	153,139	

6092 Alberhill System

800063633	Licensing Phase - Site Selection, PEA/Application Preparation, Env	1,312	273	55	109	109	109	109	109	109	109	109	-	4,784	5,987	Jul-24
800374409	Valley: Replace existing LFCB relay with	-	-	1	1	2	3	4	6	6	6	6	5	2	44	Jun-21
800374410	Serrano: Replace existing LFCB relay wit	-	-	2	3	4	7	9	12	13	13	13	11	4	90	Jun-21
800796373	Alberhill Real Properties Acquisition	0	-	13	19	32	51	64	83	89	89	89	77	32	639	Jun-18
900502072	Alberhill-Serrano 500kV: Form the Alberhill-Serrano 500 kV line by l	-	-	18	27	45	72	90	117	126	126	126	108	45	898	Jun-21
900502073	Alberhill-Valley 500kV: Form the Alberhill-Valley 500 kV line by loop	-	-	20	30	50	80	100	130	140	140	140	120	50	1,003	Jun-21
Total Alberhill		1,313	273	108	190	243	323	377	457	484	484	484	321	4,918	8,660	

7546 Eldorado-Lugo-Mohave Upgrade

801648460	ELMSC Real Properties Acquisition	21	1	2	2	2	9	9	9	9	19	28	47	47	183	Dec-18
901056467	Eldorado Sub: Upgrade Terminal Equipment	3,410	5	5	5	5	5	2,488	5	5	5	1,135	141	106	3,910	Oct-19
901056468	Lugo Sub: Upgrade Terminal Equipment and	3,798	5	5	5	5	5	1,686	5	5	5	923	537	184	3,370	Aug-19
901490550	Mohave Sub:Install CBs, Disc.&series cap	3,557	5	5	5	5	5	3,532	5	5	5	1,647	524	949	6,692	Nov-19
901624163	Mid-Line Cap:Inst cap on Eldor Lugo T/L	3,702	186	186	186	186	186	3,661	186	186	186	1,821	1,306	1,432	9,708	Jan-20
901826564	Inst Eldo-Lug-Mhve Series Caps at Ludlow	3,700	186	186	186	186	186	3,661	186	186	186	1,804	1,306	1,432	9,691	Jan-20
901904770	Eldorado-Mohave T/L: Instal OPGW, splice	354	24	256	256	250	305	14	14	14	14	1,554	177	57	2,934	Jun-20
901904772	Lugo-Mohave T/L(CA): Instal OPGW, splice	626	36	616	616	616	616	268	268	210	36	3,774	391	110	7,557	Jun-20
901904773	Lugo-Mohave T/L(NV): Instal OPGW, splice	82	10	5	10	5	10	5	10	5	10	241	75	9	394	Jun-20
901904774	Eldorado-Lugo T/L(CA): Clear infractions	184	10	9	10	9	10	9	10	9	10	2,318	80	20	2,504	Jun-20
Total Eldorado-Lugo-Mohave		19,432	468	1,275	1,281	1,269	1,337	15,335	698	634	476	15,245	4,582	4,344	46,944	

7555 Mesa Substation

900959223	Mesa Substation: Upgrade Mesa from a 230	55,835	3,509	9,924	3,922	2,023	2,040	1,687	1,710	1,782	4,282	1,506	1,466	4,627	38,478	Jun-21
901192358	Goodrich Sub: Upgrade/Update Protection.	74	-	-	-	-	-	-	-	-	-	-	-	43	43	Dec-19
901192480	Laguna Bell: Replace (4) 230 kV CBs	2	68	68	68	68	68	68	68	68	68	68	68	68	812	Dec-19
901192481	Lighthipe:Replace (2) 230kV CBs&disconct	237	-	-	5	5	5	5	-	-	-	-	-	27	48	Dec-19
901192483	Rio Hondo Sub: Upgrade/Update Protection	2	-	-	162	-	-	-	-	-	-	-	-	-	162	Dec-19
901197441	Mesa Area Phase2: Relocate various lines	957	40	40	40	40	40	40	40	40	40	40	40	40	481	Dec-20
901560422	Mesa Area Phase1:Form LB-Mesa2&Mesa-RH2	227	224	224	224	224	224	224	224	224	224	224	224	579	3,040	Dec-20
901564026	Center Sub:Replc 3 GE relays	3	-	-	-	-	-	-	-	-	-	-	-	87	87	Dec-19
901564029	Redondo Sub: Replc 1 SEL-311L relay.	178	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-19
901777019	Mesa: SCE 50% MWD Water Line Relocation	1,941	-	-	-	-	-	-	-	-	-	-	-	-	-	Jan-18
902124236	Eagle Rock-Mesa: Ins	4	64	64	329	64	64	64	64	64	64	64	64	133	1,101	Dec-20
902124387	Goodrich-Mesa: Install 1000ft cndctr	94	10	10	10	51	10	10	10	10	10	10	10	13	166	Dec-20
902124388	Laguna Bell-Mesa #1 220kV: Install 2300 cktft of conductor	-	-	-	-	-	84	-	-	-	-	-	-	2	86	Dec-20
902124389	Laguna Bell-Mesa2: l	235	227	227	227	227	227	711	227	227	227	227	227	285	3,263	Dec-20
902124390	Lighthipe-Mesa: Install 3 strcts+cnd	2,295	38	38	833	197	170	202	38	38	38	38	38	1,938	3,608	Dec-20
902124394	Mesa-Rio Hondo #1 220kV: Install 4structures and 3000 ckt ft of con	1,223	221	221	221	221	221	221	221	772	221	221	221	279	3,262	Dec-20
902124395	Mesa-Rio Hondo2: Install 3000ft cndctr	93	31	193	31	31	31	31	31	31	31	31	31	41	546	Dec-20
902124396	Mesa-Vincent1: Install 2 strcts+cndctr	223	159	159	809	159	159	159	159	159	159	159	159	206	2,608	Dec-20
902124398	Mesa-Vincent2: Install 2 strcts+cndctr	257	-	-	-	-	-	266	-	-	-	-	-	5	271	Dec-20
902124580	Mesa-Walnut: Install	119	-	-	-	-	-	-	-	-	-	626	-	11	638	Dec-20
902124582	Redondo-Vincent:Inst	868	-	74	-	-	-	-	-	-	-	-	-	74	Dec-20	
902132965	Goodrich-Laguna Bell: Install 1500ft cnd	210	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20	
902132967	LagunaBell-RioHondo:	3,086	4	4	4	174	4	4	4	4	4	4	4	8	221	Dec-20
902178838	Mesa: Upgrade to a 500/230/66/16kV sub	1,632	539	539	539	539	610	694	2,967	2,934	2,984	778	11,710	921	25,756	Jun-21
Total Mesa		69,798	5,134	11,785	7,425	4,023	3,957	4,387	5,764	6,353	8,352	3,996	14,263	9,313	84,750	

Grand Total for Non-TRTP		194,797	10,510	18,430	20,211	18,395	19,071	34,328	21,416	22,238	24,775	38,555	33,176	33,983	295,088	
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WP-Schedule 10 - FERC CWIP Capital Expenditure Plan
(excludes CPUC related projects) in \$000
(Install work only; excludes allocated corp OH such as P and B, A and G)

Project	Description	TOTAL Jan 18 - Dec 19	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Grand Total		496,361	9,355	10,208	22,157	9,357	14,955	17,718	12,071	16,799	13,815	24,264	22,782	27,803

WP-Schedule 10 - FERC CWIP Capital Expenditure Plan
(excludes CPUC related projects) in \$000
(Install work only; excludes allocated corp OH such as P and B, A and G)

Project	Description	Total 2018	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total 2019	Operating Date
Grand Total		201,272	10,510	18,430	20,211	18,395	19,071	34,328	21,416	22,238	24,775	38,555	33,176	33,983	295,088	