

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	Operating Date	TOTAL Jan 2023 - Dec 2024	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total 2023
7553 TRTP Segment 8A (TRTP 500kV Underground)																
801025887	Acquire Easements for TRTP Segment 8A	Jan-16	0	0	-	-	-	-	-	-	-	-	-	-	-	0
Total TRTP Segment 8A			0	0	-	-	-	-	-	-	-	-	-	-	-	0
Total TRTP Segments 4-11			0	0	-	-	-	-	-	-	-	-	-	-	-	0
8169 Colorado River Substation Expansion																
902519003	Colorado River Substation: Installation of the 2nd AA 1120MVA 500kV	Nov-21	200	32	16	38	38	38	38	-	-	-	-	-	-	200
Total CRS Expansion			200	32	16	38	38	38	38	-	-	-	-	-	-	200
6902 Calcite Substation (formerly Jasper; part of South of Kramer)																
900295954	Calcite Substation (SCE Funded): Construct new Calcite 220kV Sub	Sep-25	3,700	2	(0)	20	50	50	80	80	80	98	80	80	80	700
Total Calcite Substation			3,700	2	(0)	20	50	50	80	80	80	98	80	80	80	700
6420 West of Devers Upgrade Project																
901460764	Rebuild Devers-El Casco & El Casco-San Bernardino 220 kV lines w	May-21	2,902	16	23	150	150	150	150	150	150	150	150	225	253	1,717
802120834	Condemnation	Dec-23	6,500	0	0	-	-	-	-	-	-	6,500	-	-	-	6,500
Total West of Devers			9,402	16	23	150	150	150	150	150	150	6,650	150	225	253	8,217
6092 Alberhill System																
800063633	Licensing Phase - Site Selection, PEA/Application Preparation, Envi	Jun-29	2,148	(125)	100	105	96	52	52	105	105	105	105	138	262	1,100
Total Alberhill			2,148	(125)	100	105	96	52	52	105	105	105	105	138	262	1,100
7546 Eldorado-Lugo-Mohave Upgrade																
901056467	Eldorado Substation: Upgrade Terminal Equipment and Series Caps	Jun-23	6,619	153	270	468	297	756	291	508	114	233	114	278	932	4,415
901056468	Lugo Sub: Upgrade Terminal Equipment and Series Capacitors on E	Dec-23	7,605	114	261	122	300	679	413	766	138	357	138	138	735	4,162
901490550	Mohave Substation: Install four Disconnect Switches and all required	Jun-23	7,672	202	557	243	401	816	312	828	177	351	138	408	683	5,117
901624163	Mid-Line Cap: Install Series Capacitors on Eldorado-Lugo T/L	Jun-23	7,725	108	1,012	145	329	723	276	793	106	353	106	427	584	4,962
901826564	Inst Eldo-Lug-Mhve Series Caps at Ludlow	Jun-23	7,198	64	874	112	317	678	231	699	123	302	88	415	601	4,504
901904770	Eldorado-Mohave T/L: Instal OPGW, splice	Dec-21	770	4	282	2	6	6	6	8	6	6	6	6	138	477
901904772	Lugo-Mohave T/L(CA): Instal OPGW, splice	Dec-23	2,857	36	1,474	10	26	26	26	32	26	26	26	26	590	2,324
901904773	Lugo-Mohave T/L(NV): Instal OPGW, splice	Dec-23	102	4	57	0	3	3	3	4	3	3	3	3	15	102
901904774	Eldorado-Lugo T/L(CA): Clear GO-95 infractions	Mar-24	1,895	885	816	5	1	5	5	6	3	3	3	1	162	1,895
7546-1	Potential Change Orders	Dec-23	34,989	-	-	-	-	-	-	-	-	-	6,000	6,000	6,000	18,000
Total Eldorado-Lugo-Mohave			77,432	1,571	5,606	1,107	1,680	3,692	1,564	3,645	696	1,633	6,622	7,702	10,441	45,958
7555 Mesa Substation																
900959223	Build new Mesa 230/66/16 kV substation. Install an L90 relay, since	Dec-19	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	0.4
901192480	Laguna Bell: Replace (4) 230 kV CBs	Apr-20	3	-	3	-	-	-	-	-	-	-	-	-	-	3
901560422	Mesa-Redondo 220kV: Install 4 structures and 2300 ckt ft of conduct	Jun-20	0.32	-	0.32	-	-	-	-	-	-	-	-	-	-	0.32
901564026	Center Sub:Replc 3 GE relays	May-20	2	1	1	-	-	-	-	-	-	-	-	-	-	2
902124234	Mesa-Mira Loma: Install 2 new structures and 1600 ckt ft of conduct	May-22	27	26	2	-	-	-	-	-	-	-	-	-	-	27
902124235	Mesa-Vincent 500kV: Install 1600 ckt ft of conductor	May-22	360	37	27	31	31	31	31	31	31	31	31	31	17	360
902124389	Laguna Bell-Mesa2: l	Jun-20	0.3	-	0.3	-	-	-	-	-	-	-	-	-	-	0.3
902124580	Mesa-Walnut: Install 4 structures and 2900 ckt ft of conductor	Dec-20	3	-	3	-	-	-	-	-	-	-	-	-	-	3
902132967	Laguna Bell-Rio Hondo: Install 1 shoofly ESP and 500 ckt ft of shoof	Dec-20	3	-	3	-	-	-	-	-	-	-	-	-	-	3
902178838	Mesa: Upgrade Mesa from a 230/66/16kV substation to a 500/230/66	May-22	14,857	4,940	1,589	1,296	1,089	1,481	670	650	650	650	650	650	538	14,857
902472309	Vincent 500 kV T/L: Install (1) L90 relay. Install (2) SEL-411L relays.	May-22	2	-	2	-	-	-	-	-	-	-	-	-	-	2
903814003	FIP- Landscaping/Habitat Restoration	Dec-24	3,019	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Mesa			18,278	5,004	1,631	1,327	1,120	1,513	701	681	681	681	681	681	555	15,259
5450 Riverside Transmission Reliability Project																
801979678	RTRP-Real Property	Dec-28	42,001	6	70	3	2	2	2	2	2	2	3	4	3	100
901487150	Vista Sub: Upgrade the line protection on the existing	Dec-28	201	1	(0)	-	-	-	-	-	-	-	-	-	-	1
901487151	Mira Loma Sub: Upgrade line protection on the existing	Dec-28	132	1	(0)	-	-	-	-	-	-	-	-	-	-	1
902220349	Mira Loma-Vista No. 1 220kV T/L UG: Engineer and construct appro	Dec-28	61,584	46	34	15	15	15	15	15	15	15	15	150	107	457
903112093	Mira Loma-Vista No. 1 220 kV T/L (OH) Mira Loma-Vista No. 1 220	Dec-28	23,573	18	20	2	2	2	2	2	2	2	2	25	20	100
903112254	Wildlife Substation: Engineer, construct and install a new 220 kV int	Dec-28	115	-	-	1	1	1	1	1	1	1	1	20	6	30
Total Riverside Transmission Reliability Project			127,605	72	124	20	19	19	19	19	19	19	20	199	136	689
Grand Total for Non-TRTP			238,766	6,573	7,500	2,767	3,154	5,514	2,606	4,681	1,732	9,187	7,659	9,025	11,726	72,123
Grand Total			238,766	6,573	7,500	2,767	3,154	5,514	2,606	4,681	1,732	9,187	7,659	9,025	11,726	72,123

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Project	Description	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Total 2024
<b>7553 TRTP Segment 8A (TRTP 500kV Underground)</b>														
801025887	Acquire Easements for TRTP Segment 8A	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total TRTP Segment 8A</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total TRTP Segments 4-11</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>8169 Colorado River Substation Expansion</b>														
902519003	Colorado River Substation: Installation of the 2nd AA 1120MVA 500/	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total CRS Expansion</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>6902 Calcite Substation (formerly Jasper; part of South of Kramer)</b>														
900295954	Calcite Substation (SCE Funded): Construct new Calcite 220kV Sub	80	100	350	350	350	250	270	250	250	250	250	250	3,000
<b>Total Calcite Substation</b>		80	100	350	350	350	250	270	250	250	250	250	250	3,000
<b>6420 West of Devers Upgrade Project</b>														
901460764	Rebuild Devers-El Casco & El Casco-San Bernardino 220 kV lines w	100	100	100	100	100	100	100	100	100	100	100	85	1,185
802120834	Condemnation	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total West of Devers</b>		100	100	100	100	100	100	100	100	100	100	100	85	1,185
<b>6092 Alberhill System</b>														
800063633	Licensing Phase - Site Selection, PEA/Application Preparation, Envi	31	63	94	94	94	94	94	94	94	94	94	105	1,048
<b>Total Alberhill</b>		31	63	94	94	94	94	94	94	94	94	94	105	1,048
<b>7546 Eldorado-Lugo-Mohave Upgrade</b>														
901056467	Eldorado Substation: Upgrade Terminal Equipment and Series Capa	767	824	124	124	124	124	117	-	-	-	-	-	2,204
901056468	Lugo Sub: Upgrade Terminal Equipment and Series Capacitors on E	891	1,173	311	311	311	330	116	-	-	-	-	-	3,443
901490550	Mohave Substation: Install four Disconnect Switches and all required	196	1,691	138	138	138	138	116	-	-	-	-	-	2,555
901624163	Mid-Line Cap: Install Series Capacitors on Eldorado-Lugo T/L	124	1,792	241	241	124	124	117	-	-	-	-	-	2,763
901826564	Inst Eldo-Lug-Mhve Series Caps at Ludlow	124	1,723	241	241	124	124	117	-	-	-	-	-	2,694
901904770	Eldorado-Mohave T/L: Instal OPGW, splice	176	117	-	-	-	-	-	-	-	-	-	-	293
901904772	Lugo-Mohave T/L(CA): Instal OPGW, splice	415	118	-	-	-	-	-	-	-	-	-	-	533
901904773	Lugo-Mohave T/L(NV): Instal OPGW, splice	-	-	-	-	-	-	-	-	-	-	-	-	-
901904774	Eldorado-Lugo T/L(CA): Clear GO-95 infractions	-	-	-	-	-	-	-	-	-	-	-	-	-
7546-1	Potential Change Orders	-	-	-	-	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,989	16,989
<b>Total Eldorado-Lugo-Mohave</b>		2,693	7,438	1,055	1,055	2,821	2,840	2,583	2,000	2,000	2,000	2,000	2,989	31,474
<b>7555 Mesa Substation</b>														
900959223	Build new Mesa 230/66/16 kV substation. Install an L90 relay, since	-	-	-	-	-	-	-	-	-	-	-	-	-
901192480	Laguna Bell: Replace (4) 230 kV CBs	-	-	-	-	-	-	-	-	-	-	-	-	-
901560422	Mesa-Redondo 220kV: Install 4 structures and 2300 ckt ft of conduct	-	-	-	-	-	-	-	-	-	-	-	-	-
901564026	Center Sub:Replc 3 GE relays	-	-	-	-	-	-	-	-	-	-	-	-	-
902124234	Mesa-Mira Loma: Install 2 new structures and 1600 ckt ft of conduct	-	-	-	-	-	-	-	-	-	-	-	-	-
902124235	Mesa-Vincent 500kV: Install 1600 ckt ft of conductor	-	-	-	-	-	-	-	-	-	-	-	-	-
902124389	Laguna Bell-Mesa2: I	-	-	-	-	-	-	-	-	-	-	-	-	-
902124580	Mesa-Walnut: Install 4 structures and 2900 ckt ft of conductor	-	-	-	-	-	-	-	-	-	-	-	-	-
902132967	Laguna Bell-Rio Hondo: Install 1 shoofly ESP and 500 ckt ft of shoof	-	-	-	-	-	-	-	-	-	-	-	-	-
902178838	Mesa: Upgrade Mesa from a 230/66/16kV substation to a 500/230/66	-	-	-	-	-	-	-	-	-	-	-	-	-
902472309	Vincent 500 kV T/L: Install (1) L90 relay. Install (2) SEL-411L relays.	-	-	-	-	-	-	-	-	-	-	-	-	-
903814003	FIP- Landscaping/Habitat Restoration	-	-	-	-	-	-	-	-	-	-	-	3,019	3,019
<b>Total Mesa</b>		-	-	-	-	-	-	-	-	-	-	-	3,019	3,019
<b>5450 Riverside Transmission Reliability Project</b>														
801979678	RTRP-Real Property	250	250	500	500	9,990	9,990	9,990	9,990	442	-	-	-	41,901
901487150	Vista Sub: Upgrade the line protection on the existing	17	17	17	17	17	17	17	17	17	17	17	17	200
901487151	Mira Loma Sub: Upgrade line protection on the existing	11	11	11	11	11	11	11	11	11	11	11	11	131
902220349	Mira Loma-Vista No. 1 220kV T/L UG: Engineer and construct appro	750	750	750	1,000	1,000	5,000	5,000	5,000	5,000	10,000	10,000	16,877	61,127
903112093	Mira Loma-Vista No. 1 220 kV T/L (OH) Mira Loma-Vista No. 1 220	250	250	250	250	500	500	500	1,000	3,000	5,000	5,000	6,973	23,473
903112254	Wildlife Substation: Engineer, construct and install a new 220 kV int	7	7	7	7	7	7	7	7	7	7	7	7	85
<b>Total Riverside Transmission Reliability Project</b>		1,284	1,284	1,534	1,784	11,525	15,525	15,525	16,025	8,477	15,035	15,035	23,885	126,917
<b>Grand Total for Non-TRTP</b>		4,189	8,985	3,133	3,383	14,890	18,809	18,572	18,469	10,921	17,479	17,479	30,333	166,643
<b>Grand Total</b>		4,189	8,985	3,133	3,383	14,890	18,809	18,572	18,469	10,921	17,479	17,479	30,333	166,643