

Summary of ISO Capital Expenditure Forecast - Incentive Projects  
(\$000)

PIN	Project Title	Order #	High/ Low Voltage	OD	Project Total (ISO & non-ISO)				ISO Portion			
					Prior	2023	2024	Total	Prior	2023	2024	Total
Incentive Transmission Projects includes only Direct Installation Expenditures												
Various Tehachapi - Segments 4-11												
07553	Acquire Easements for TRTP Segment 8A	801025887	High	Jan-16	-	0.2	-	0	-	0.2	-	0.2
07553	TRTP-Segment 8A CHUG: Land/ Easements Acquisition/ Condemnation	801479004	High	Jun-23	557	-	-	557	557	-	-	557
07553	Total Segment 8A (TRTP 500 kV Underground)				557	0.2	-	557	557	0	-	557
Total Tehachapi Segments 4-11 - Incentive Qualified					557	0.2	-	557	557	0	-	557
08169	Colorado River Substation Expansion (CRSE)											
08169	Colorado River Substation: Installation of the 2nd AA 1120MVA 500/220kV transformer bank	902519003	High	Nov-21	-	200	-	200	-	200	-	200
	Total CRSE				-	200	-	200	-	200	-	200
06902	Calcite Substation (formerly Jasper; part of South of Kramer)											
06902	Calcite Substation (SCE Funded): Construct new Calcite 220kV Substation (switching station) to interconnect the Ord	900295954	High	Sep-25	4,458	700	3,000	8,158	4,458	700	3,000	8,158
06902	Total Calcite				4,458	700	3,000	8,158	4,458	700	3,000	8,158
06420	West of Devers											
06420	Rebuild Devers-El Casco & El Casco-San Bernardino 220 kV lines with 2B-1590 ACSR on double circuit towers	901460764	High	May-21	-	1,717	1,185	2,902	-	1,717	1,185	2,902
06420	Condemnation	802120834	High	Dec-23	964	6,500	-	7,464	964	6,500	-	7,464
06420	Total West of Devers				964	8,217	1,185	10,366	964	8,217	1,185	10,366
06092	Alberhill System											
06092	Licensing Phase - Site Selection, PEA/Application Preparation, Environmental Surveys and CPUC Licensing Review.	800063633	High	Jun-29	30,527	2,100	2,000	34,627	15,996	1,100	1,048	18,145
06092	Alberhill Real Properties Acquisition	800796373	High	Jun-29	84	-	-	84	41	-	-	41
06092	Alberhill-Serrano 500kV: Form the Alberhill-Serrano 500 kV line by looping the existing Serrano-Valley 500 kV line into	900502072	High	Jun-29	201	-	-	201	201	-	-	201
06092	Alberhill-Valley 500kV: Form the Alberhill-Valley 500 kV line by looping the existing Serrano-Valley 500 kV line into	900502073	High	Jun-29	41	-	-	41	41	-	-	41
06092	Total Alberhill System				30,853	2,100	2,000	34,953	16,279	1,100	1,048	18,427
07546	Eldorado-Lugo-Mohave Upgrade											
07546	Eldorado Substation: Upgrade Terminal Equipment and Series Capacitors on Eldorado-Lugo 500kV T/L	901056467	High	Jun-23	28,946	4,415	2,204	35,565	28,946	4,415	2,204	35,565
07546	Lugo Sub: Upgrade Terminal Equipment and Series Capacitors on Eldorado-Lugo 500kV T/L	901056468	High	Dec-23	34,879	4,162	3,443	42,484	34,879	4,162	3,443	42,484
07546	Mohave Substation: Install four Disconnect Switches and all required conductors to upgrade the existing Lugo 500kV	901490550	High	Jun-23	33,065	5,117	2,555	40,737	33,065	5,117	2,555	40,737
07546	Mid-Line Cap: Install Series Capacitors on Eldorado-Lugo T/L	901624163	High	Jun-23	25,590	4,962	2,763	33,315	25,590	4,962	2,763	33,315
07546	Inst Eldo-Lug-Mhve Series Caps at Ludlow	901826564	High	Jun-23	26,273	4,504	2,694	33,471	26,273	4,504	2,694	33,471
07546	Eldorado-Mohave T/L: Instal OPGW, splice	901904770	High	Dec-21	-	477	293	770	-	477	293	770
07546	Lugo-Mohave T/L(CA): Instal OPGW, splice	901904772	High	Dec-23	31,361	2,324	533	34,218	31,361	2,324	533	34,218
07546	Lugo-Mohave T/L(NV): Instal OPGW, splice	901904773	High	Dec-23	1,853	102	-	1,955	1,853	102	-	1,955
07546	Potential Change Orders	7546-1	High	Dec-23	-	18,000	16,989	34,989	-	18,000	16,989	34,989
07546	Eldorado-Lugo T/L(CA): Clear GO-95 infractions	901904774	High	Mar-24	4,054	1,895	-	5,949	4,054	1,895	-	5,949
07546	Total Eldorado-Lugo-Mohave Upgrade				186,020	45,958	31,474	263,452	186,020	45,958	31,474	263,452
07555	Mesa Substation											
07555	Build new Mesa 230/66/16 kV substation.	900959223	High	Dec-19	-	0	-	0	-	0	-	0
07555	Mesa-Redondo 220kV: Install 4 structures and 2300 ckt ft of conductor.	901560422	High	Jun-20	-	0	-	0	-	0	-	0
07555	Laguna Bell-Mesa2: Install 3 strcts+cond	902124389	High	Jun-20	-	0	-	0	-	0	-	0
07555	Mesa: Upgrade Mesa from a 230/66/16kV substation to a 500/230/66/16kV substation	902178838	High	May-22	-	14,857	-	14,857	-	14,857	-	14,857
07555	Mesa-Mira Loma: Install 2 new structures and 1600 ckt ft of conductor	902124234	High	May-22	-	27	-	27	-	27	-	27
07555	Mesa-Vincent 500kV: Install 1600 ckt ft of conductor	902124235	High	May-22	-	360	-	360	-	360	-	360
07555	Vincent 500 kV T/L: Install (1) L90 relay. Install (2) SEL-411L relays. Install (2) RFL-9745 channels.	902472309	High	May-22	-	2	-	2	-	2	-	2
07555	Laguna Bell: Replace (4) 230 kV CBs	901192480	High	Apr-20	-	3	-	3	-	3	-	3
07555	Mesa-Walnut: Install 4 structures and 2900 ckt ft of conductor	902124580	High	Dec-20	-	3	-	3	-	3	-	3
07555	Laguna Bell-Rio Hondo: Install 1 shoofly ESP and 500 ckt ft of shoofly conductor	902132967	High	Dec-20	-	3	-	3	-	3	-	3
07555	Center Sub-Replc 3 GE relays	901564026	High	May-20	-	2	-	2	-	2	-	2
07555	FIP: Landscaping/Habitat Restoration	903814003	High	Dec-24	-	-	3,019	3,019	-	-	3,019	3,019
07555	Total Mesa Substation				-	15,257	3,019	18,277	-	15,257	3,019	18,277
05450	Riverside Transmisison Reliability Project (RTRP)											
05450	Mira Loma-Vista No. 1 220 kV T/L: Engineer and construct approximately 10 miles of new line	800062516	High	Dec-28	11,449	-	-	11,449	11,449	-	-	11,449
05450	WILDLIFE: Engineer, design, a 220kV Interconnection Facility to loop the existing Mira Loma-Vista	800062777	High	Dec-28	6,984	-	-	6,984	6,984	-	-	6,984
05450	RTRP-Real Property	801979678	High	Dec-28	5,525	100	100	5,725	5,525	100	100	5,725
05450	Vista Sub: Upgrade the line protection on the existing	901487150	High	Dec-28	1	1	1	2	1	1	1	2
05450	Mira Loma Sub: Upgrade line protection on the existing	901487151	High	Dec-28	1	1	1	2	1	1	1	2
05450	Mira Loma-Vista No. 1 220kV T/L UG: Engineer and construct approximately 2 miles of new 220kV underground double	902220349	High	Dec-28	6,938	607	607	8,153	6,938	607	607	8,153
05450	Mira Loma-Vista No. 1 220 kV T/L (OH) Mira Loma-Vista No. 1 220 kV T/L (OH): Engineer and construct approximately 6	903112093	High	Dec-28	1,338	160	160	1,658	1,338	160	160	1,658
05450	Wildlife Substation: Engineer, construct and install a new 220 kV interconnection facility	903112254	High	Dec-28	48	29	30	107	48	29	30	107
05450	Total Riverside Transmission Reliability Project				32,284	898	899	34,080	32,284	898	899	34,080
Total Incentive Transmission Projects					255,135	73,331	41,577	370,043	240,561	72,332	40,625	353,518
Total Incentive Transmission Projects (Closing by Dec 2024)					187,541	69,634	35,678	292,853	187,541	69,634	35,678	292,853