

**Summary of ISO Capital Expenditures - Incentive Projects**  
(\$000)

PIN	Project Title	Order #	High/Low Voltage	OD	Project Total (ISO & non-ISO)				ISO Portion			
					Prior	2013	2014	Total	Prior	2013	2014	Total
Incentive Transmission Projects includes only Direct Installation Expenditures												
04847	Devers-Colorado River											
	DEVERS-Colorado River: PRELIMINARY ENGINEERING & LICENSING	800062522	High	Sep-13	29,338	(29,338)	-	0	29,338	(29,338)	-	0
	Devers-Valley #1 500k T/L Relocate Facilities	800504834	High	Sep-13	4,946	34	9,636	14,616	4,946	34	9,636	14,616
	Loop in DPV#1 into Colorado River Substation	800504836	High	Sep-13	8,319	432	14,093	22,844	8,319	432	14,093	22,844
	DEVERS-Colorado River NO. 2 500KV T/L (CA): BUILD 110 MI single circuit 500KV T/L	800062494	High	Sep-13	244,583	100,620	-	345,203	244,583	100,620	-	345,203
	DEVERS-Colorado River JCT SERIES CAPACITOR (CA): INSTALL A NEW 2700A, 875MVAR SERIE	800063033	High	Sep-13	11,671	21,669	16	33,356	11,671	21,669	16	33,356
	DEVERS-VALLEY #2 500KV T/L: BUILD A NEW 41.6 MILE SINGLE-CIRCUIT 500KV T/L	800062527	High	Sep-13	112,931	112,078	58	225,067	112,931	112,078	58	225,067
	DEVERS SUB: REPLACE CIRCUIT BREAKERS	800062846	High	Sep-13	2,790	283	2,261	5,334	2,790	283	2,261	5,334
	DEVERS SUB: EXTEND BUS TWO POSITIONS TO THE WEST AND EQUIP NEW POSITION 8	800062850	High	Sep-13	13,586	4,729	120	18,435	13,586	4,729	120	18,435
	VALLEY SUB: INSTALL A LINE POSITION TO TERMINATE THE DEVERS-VALLEY #2 T/L	800062902	High	Sep-13	5,899	1,806	(3,271)	4,434	5,899	1,806	(3,271)	4,434
	Colorado River Switchyard	800403645	High	Sep-13	67,206	34,060	-	101,266	67,206	34,060	-	101,266
	Development of the Material Yards and helicopter assembly yards	800418261	High	Sep-13	10,595	(8,009)	-	2,585	10,595	(8,009)	-	2,585
	DEVERS-Colorado River ACQUIRE EASEMENT	800051690	High	Sep-13	971	1	-	972	971	1	-	972
	Devers Valley - Acquire various rights of way	800051691	High	Sep-13	2,099	99	-	2,198	2,099	99	-	2,198
	Mirage: Install add'l conduits within the substation to accommodate fiber optic circuitry.	900716073	High	Feb-13	48	366	-	415	48	366	-	415
Total Devers-Colorado River					514,980	238,832	22,913	776,725	514,980	238,832	22,913	776,725
Various	Tehachapi - Segment 3B & 3C											
07183	230 kV Transmission Line Between Highwind and Winhub Substations	800062547	High	Dec-12	-	693	-	693	-	693	-	693
07183	New Highwind 220kV Substation Construction	800063658	High	Dec-12	-	(45)	-	(45)	-	(45)	-	(45)
07183	CRE Seg 3B	800452215	High	Dec-12	3,178	14	-	3,191	3,178	14	-	3,191
07183	Highwind-Windhub 230kV transmission line cathodic protection	900604086	High	Dec-12	-	1,918	-	1,918	-	1,918	-	1,918
07183	Total Segment 3B				3,178	2,580	-	5,757	3,178	2,580	-	5,757
07014	Windhub Substation 500kV Upgrade	800219424	High	Dec-12	-	2	-	2	-	2	-	2
07014	Windhub Substation Install transformer banks	800219436	High	Dec-12	-	6,027	-	6,027	-	6,027	-	6,027
07014	Antelope Substation 500kV Upgrades	800219505	High	Dec-12	-	418	-	418	-	418	-	418
07014	Vincent Substation 500kV Equip One Position	800219631	High	Dec-11	-	-	-	-	-	-	-	-
07014	Magunden Relays	900692988	High	Dec-12	26	16	-	41	26	16	-	41
07014	TRTP 3C-6 Antelope Substation Upgrade	800219567	High	Dec-12	4	(4)	-	-	4	(4)	-	-
07014	Total Segment 3C				30	6,459	-	6,489	30	6,459	-	6,489
					3,207	9,039	-	12,246	3,207	9,039	-	12,246
Total Tehachapi Segments 1-3 - Incentive Qualified					3,207	9,039	-	12,246	3,207	9,039	-	12,246

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					Project Total (ISO & non-ISO)				ISO Portion			
PIN	Project Title	Order #	High/Low Voltage	OD	Prior	2013	2014	Total	Prior	2013	2014	Total
Various Tehachapi - Segments 4-11												
05243	New Vincent-Duarte 500kV T/L	800217316	High	Nov-13	83,371	79,923	24,935	188,229	83,371	79,923	24,935	188,229
05243	New Vincent-Angeles National Forest (ANF) 500kV T/L	800217330	High	Nov-13	19,107	9,664	184	28,955	19,107	9,664	184	28,955
05243	Tehachapi Renewable Acquire Easement	800051930	High	Nov-13	986	1	-	987	986	1	-	987
05243	Total Segment 6				103,464	89,588	25,119	218,171	103,464	89,588	25,119	218,171
05472	ANTELOPE-VINCENT #2 500KV T/L: PRELIM ENGINEERING AND ENVIRONMENTAL STUDIES	800062539	High	Feb-15	41,644	(30)	-	41,614	41,644	(30)	-	41,614
05472	Reconfigure Antelope-Vincent-Windhub T/L	800217225	High	Jan-13	4,692	(4,808)	-	(116)	4,692	(4,808)	-	(116)
05472	Antelope Vincent #2 500kV T/L	800217232	High	Jan-13	105,404	5,566	1,686	112,656	105,404	5,566	1,686	112,656
05472	TRTP 4-11: Licensing	800433760	High	Feb-15	9,419	1,224	-	10,643	9,419	1,224	-	10,643
05472	Tehachapi Renewable Acquire Easement	800051902	High	Jan-13	3,052	1,061	-	4,113	3,052	1,061	-	4,113
05472	Total Segment 5				164,211	3,013	1,686	168,910	164,211	3,013	1,686	168,910
06435	Antelope-Whirlwind 500kV T/L	800217116	High	Apr-12	-	3,345	-	3,345	-	3,345	-	3,345
06435	Path 26 Loop	800217211	High	Jan-13	10,864	(56)	-	10,808	10,864	(56)	-	10,808
06435	Antelope Transmission Real Properties	800051900	High	Jan-13	14,287	668	-	14,955	14,287	668	-	14,955
06435	Antelope-Windhub 500kV T/L Cross over elimination	900269206	High	Jan-13	3	4,809	-	4,812	3	4,809	-	4,812
06435	Midway-Vincent No 3 Ground clearance upgrade	900271208	High	Jan-13	3	-	-	3	3	-	-	3
06435	Total Segment 4				25,156	8,766	-	33,922	25,156	8,766	-	33,922
06438	New Vincent-Rio Hondo #2 500kV T/L	800218130	High	Dec-14	12,960	1,197	15	14,172	12,960	1,197	15	14,172
06438	New Antelope-Mesa 500kV T/L	800218138	High	Jan-15	95,480	18,208	25,434	139,121	95,480	18,208	25,434	139,121
06438	Tehachapi Renewable Acquire Easement	800051909	High	Jan-15	1,558	3,100	-	4,658	1,558	3,100	-	4,658
06438	Total Segment 7				109,998	22,505	25,448	157,951	109,998	22,505	25,448	157,951
06439	Construct 1.33 mi. 220kV T/L at Rose Hills	800218522	High	Mar-15	7,511	5,259	3,109	15,879	7,511	5,259	3,109	15,879
06439	Construct 220kV T/L at Water Tank/Fullerton Rd.	800218551	High	Nov-11	-	(136)	-	(136)	-	(136)	-	(136)
06439	Chino-Mira Loma #1 & #2 230kV T/L	800218618	High	Jun-11	-	422	378	800	-	422	378	800
06439	New 33 mile Vincent-Mira Loma 500kV T/L	800218645	High	Mar-15	170,804	54,483	67,482	292,769	170,804	54,483	67,482	292,769
06439	Segment 8 licensing, Assigned Commissioner's Ruling (ACR) alternate routes	900610533	High	Mar-15	3,200	2,253	-	5,452	3,200	2,253	-	5,452
06439	Tehachapi Renewable Acquire Easement	800051911	High	Mar-15	13,756	359	-	14,115	13,756	359	-	14,115
06439	Chino Hills State Park 500kV reroute alternative	800375079	High	Mar-15	115	-	-	115	115	-	-	115
06439	Total Segment 8				195,386	62,640	70,969	328,995	195,386	62,640	70,969	328,995

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06440	TRTP SEGMENT 9: WHIRLWIND - CONSTRUCT NEW SUBSTATION	800216839	High	<b>Feb-12</b>	-	2,034	74	2,108	-	2,034	74	2,108
06440	TRTP SEGMENT 9: ANTELOPE - CONSTRUCT ADDITION TO EXISTING SUBSTATION	800216848	High	<b>Feb-12</b>	-	793	-	793	-	793	-	793
06440	TRTP SEGMENT 9: VINCENT - EXTEND 500KV SWITCHRACK ADDING FOUR BAY POSITIONS. EXTEND 220KV SWITCHRACK ADDING ONE BAY POSITION.	800216929	High	<b>Dec-13</b>	66,535	1,070	-	67,605	66,535	1,070	-	67,605
06440	TRTP SEGMENT 9: WINDHUB - CONSTRUCT 500kv SWITCHYARD & AA TRANSFORMER BANK	800217014	High	<b>Jun-12</b>	-	1,004	-	1,004	-	1,004	-	1,004
06440	TRTP SEGMENT 9: MESA SUB - EQUIP 220KV line protection	800218099	High	<b>Jun-13</b>	2,546	745	-	3,291	2,546	745	-	3,291
06440	TRTP SEGMENT 9: MIRA LOMA SUB - EQUIP 1 500KV line protection	800218712	High	<b>Jun-13</b>	19,572	1,679	759	22,011	19,572	1,679	759	22,011
06440	TRTP SEGMENT 9: VINCENT - EXTEND 500KV SWITCHRACK ADDING FOUR BAY POSITIONS	800219576	High	<b>Jun-13</b>	28	16	-	45	28	16	-	45
06440	TRTP SEGMENT 9: GOULD - ADD CB'S ON TRANSFORMERS TO COMPLY WITH L&B CRITERIA. ADD NEW 220KV LINE POSITION (PART OF SEGMENT 9-1)	800219704	High	<b>May-12</b>	-	48	-	48	-	48	-	48
06440	TRTP SEGMENT 9: CHINO SUB - PROTECTION CHANGES	900280844	High	<b>Dec-12</b>	-	0	-	0	-	0	-	0
06440	TRTP SEGMENT 9: VINCENT - RAS to support Whirlwind Acceleration	900389798	High	<b>Dec-12</b>	-	2	-	2	-	2	-	2
06440	TRTP SEGMENT 9: LUGO SUB: Replace protective relays for Mira Loma #3 500KV T/L	900516432	High	<b>May-13</b>	221	751	-	972	221	751	-	972
06440	TOTAL SEGMENT 9 CRE COST	800208721	High	<b>Jun-12</b>	4,014	0	-	4,014	4,014	0	-	4,014
06440	TRTP SEGMENT 9: WHIRLWIND - ACCELERATION	900390201	High	<b>Sep-11</b>	-	1	-	1	-	1	-	1
06440	Vincent Substation Administration and Control Building	900817489	High	<b>Nov-13</b>	-	13,244	5,704	18,948	-	13,244	5,704	18,948
06440	800148387 Antelope - Construct addition to station	800148391	High	<b>May-12</b>	18	3	-	22	18	3	-	22
06440	800148389 Windhub - Construct 500kv switchyard	800157254	High	<b>May-12</b>	17	(26)	-	(9)	17	(26)	-	(9)
06440	800148388 Whirlwind - Construct new substation	800157256	High	<b>May-12</b>	29	20	-	49	29	20	-	49
<b>06440</b>	<b>Total Segment 9</b>				<b>92,981</b>	<b>21,384</b>	<b>6,536</b>	<b>120,902</b>	<b>92,981</b>	<b>21,384</b>	<b>6,536</b>	<b>120,902</b>
06441	Whirlwind - Windhub 500kv T/L	800217239	High	<b>Apr-12</b>	-	2,015	-	2,015	-	2,015	-	2,015
06441	TRTP Seg 10 - Acquire Easement	800208725	High	<b>Apr-12</b>	-	2	-	2	-	2	-	2
<b>06441</b>	<b>Total Segment 10</b>				<b>-</b>	<b>2,018</b>	<b>-</b>	<b>2,018</b>	<b>-</b>	<b>2,018</b>	<b>-</b>	<b>2,018</b>
06442	Mesa-Vincent #1 500kv T/L	800217339	High	<b>May-15</b>	25,182	19,056	69,874	114,111	25,182	19,056	69,874	114,111
06442	Mesa-Gould 220kv T/L	800217366	High	<b>May-15</b>	8,684	1,912	3,980	14,576	8,684	1,912	3,980	14,576
06442	Connect to Vincent & Eagle Rock to Gould	800217381	High	<b>May-15</b>	1,841	190	2,041	4,071	1,841	190	2,041	4,071
06442	TRTP Seg 11 - Acquire Easement	800208616	High	<b>May-15</b>	4,066	4	-	4,070	4,066	4	-	4,070
<b>06442</b>	<b>Total Segment 11</b>				<b>39,773</b>	<b>21,162</b>	<b>75,894</b>	<b>136,828</b>	<b>39,773</b>	<b>21,162</b>	<b>75,894</b>	<b>136,828</b>
<b>Total Tehachapi Segments 4-11 - Incentive Qualified</b>					<b>730,968</b>	<b>231,075</b>	<b>205,653</b>	<b>1,167,697</b>	<b>730,968</b>	<b>231,075</b>	<b>205,653</b>	<b>1,167,697</b>
<b>Total Tehachapi - Segments 1-11 Incentive Qualified</b>					<b>734,176</b>	<b>240,114</b>	<b>205,653</b>	<b>1,179,943</b>	<b>734,176</b>	<b>240,114</b>	<b>205,653</b>	<b>1,179,943</b>
<b>06551</b>	<b>EITP</b>											
	Licensing & Permitting, Preliminary Engr.	800063786	High	<b>May-13</b>	11,765	330	-	12,095	11,765	330	-	12,095
	Ivanpah SS, EITP	900316933	High	<b>Jun-13</b>	27,589	15,315	-	42,904	27,589	15,315	-	42,904
	Eldorado SS Upgrades EITP	900316934	High	<b>Jul-13</b>	4,558	9,347	-	13,904	4,558	9,347	-	13,904
	Eldorado-Ivanpah 220KV T/L CA	900344621	High	<b>May-13</b>	14,730	24,720	333	39,783	14,730	24,720	333	39,783
	Eldorado-Ivanpah 220KV T/L NV	900344623	High	<b>May-13</b>	80,061	117,715	1,934	199,710	80,061	117,715	1,934	199,710
	<b>Total EITP</b>				<b>138,703</b>	<b>167,426</b>	<b>2,267</b>	<b>308,396</b>	<b>138,703</b>	<b>167,426</b>	<b>2,267</b>	<b>308,396</b>
<b>07018</b>	<b>Lugo-Pisgah</b>											
	Lugo-Pisgah Phase II, Siting Study	800499057	High	<b>Suspended</b>	1,264	-	-	1,264	1,264	-	-	1,264
	<b>Total Lugo-Pisgah</b>				<b>1,264</b>	<b>-</b>	<b>-</b>	<b>1,264</b>	<b>1,264</b>	<b>-</b>	<b>-</b>	<b>1,264</b>

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<b>06929</b>	<b>Red Bluff</b>											
	Red Bluff Sub - Construct a new sub.	900248417	High	<b>Jun-13</b>	125,106	68,337	970	194,413	125,106	68,337	970	194,413
	Modify Existing Calif Series Capacitor Bank	900247848	High	<b>Dec-13</b>	594	11,425	699	12,718	594	11,425	699	12,718
	Siting study	800380461	High	<b>Dec-13</b>	210	(210)	-	0	210	(210)	-	0
	Devers-Palo Verde 500kV line loop into Red Bluff Sub	900312870	High	<b>Jun-13</b>	9,270	1,044	-	10,313	9,270	1,044	-	10,313
	DCR #2 - Loop DCR line into Red Bluff Sub	900342200	High	<b>Jun-13</b>	8,445	1,037	-	9,481	8,445	1,037	-	9,481
	Red Bluff Sub - Cap on Devers-PV #1 TL	900389804	High	<b>Jun-13</b>	1	(1)	-	0	1	(1)	-	0
	<b>Total Red Bluff</b>				<b>143,626</b>	<b>81,630.82</b>	<b>1,669</b>	<b>226,925</b>	<b>143,626</b>	<b>81,631</b>	<b>1,669</b>	<b>226,925</b>
<b>07076</b>	<b>CRS Expansion</b>											
	Colorado River Sub: Equipment and Installation	800404139	High	<b>Jul-13</b>	45,414	26,001	649	72,064	45,414	26,001	649	72,064
	DCR - Colorado River Licensing Effort	800466294	High	<b>Jul-13</b>	334	(334)	-	(0)	334	(334)	-	(0)
	<b>Total CRS Expansion</b>				<b>45,748</b>	<b>25,667</b>	<b>649</b>	<b>72,064</b>	<b>45,748</b>	<b>25,667</b>	<b>649</b>	<b>72,064</b>
<b>Various</b>	<b>Whirlwind Substation Expansion Project</b>											
07054	Plan of Service Reliability Upgrades	900397857	High	<b>Nov-12</b>	-	137	-	137	-	137	-	137
07066	Whirlwind Sub Line/position extensions	900389180	High	<b>Nov-12</b>	-	209	-	209	-	209	-	209
07067	Whirlwind 2nd and 3rd AA Bank	900692361	High	<b>Dec-14</b>	1,373	19,623	23,000	43,996	1,373	19,623	23,000	43,996
07068	Whirlwind (NU): Equip one 220kV position - Solar Star 1	900615314	High	<b>Sep-13</b>	752	1,450	-	2,202	752	1,450	-	2,202
07069	Whirlwind (NU): Equip one 220kV position - Solar Star 2	900642439	High	<b>Sep-13</b>	741	1,452	-	2,193	741	1,452	-	2,193
	<b>Total Whirlwind Substation Expansion Project</b>				<b>2,866</b>	<b>22,871</b>	<b>23,000</b>	<b>48,737</b>	<b>2,866</b>	<b>22,871</b>	<b>23,000</b>	<b>48,737</b>
<b>Various</b>	<b>Coolwater - Lugo Transmission (formerly South of Kramer)</b>											
07091	New Coolwater-Lugo 220 kV Transmission Line	900473253	High	<b>Apr-18</b>	6,911	10,822	10,500	28,233	6,911	10,822	10,500	28,233
06902	Jasper: LGIA Engineer and construct a new interconnection facility	900295954	High	<b>Oct-15</b>	1,178	1,250	3,250	5,678	1,178	1,250	3,250	5,678
06902	I: Lugo – Pisgah 220KV T/L loop into Jasper Substation.	900704372	High	<b>Oct-15</b>	-	-	669	669	-	-	669	669
06902	Permanent Interconnection (NU) - Line drop for Coolwater-Lugo TL	900704374	High	<b>Oct-15</b>	-	-	-	-	-	-	-	-
06902	Pisgah Sub (NU) - Upgrade line protection	900704371	High	<b>Oct-15</b>	-	-	37	37	-	-	37	37
06902	Lugo Sub (NU) - Upgrade line protection	900704365	High	<b>Oct-15</b>	-	-	70	70	-	-	70	70
	<b>Total Coolwater - Lugo</b>				<b>8,089</b>	<b>12,072</b>	<b>14,526</b>	<b>34,686</b>	<b>8,089</b>	<b>12,072</b>	<b>14,526</b>	<b>34,686</b>
<b>06420</b>	<b>West of Devers</b>											
	Devers-El Casco, El Casco-San Bernardino, and Devers-Vista #1 & #2 220kV line rebuild	900463423	High	<b>May-18</b>	(0)	-	-	(0)	(0)	-	-	(0)
	Pre-Engineering (Morongo Transmission Relocation Project)	800062511	High	<b>Jun-19</b>	11,050	9,515	6,665	27,230	11,050	9,515	6,665	27,230
	<b>Total West of Devers</b>				<b>11,050</b>	<b>9,515</b>	<b>6,665</b>	<b>27,230</b>	<b>11,050</b>	<b>9,515</b>	<b>6,665</b>	<b>27,230</b>
<b>Total Incentive Transmission Projects (2014 Includes expenditures through December 2014)</b>					<b>1,600,501</b>	<b>798,128</b>	<b>277,341</b>	<b>2,675,970</b>	<b>1,600,501</b>	<b>798,128</b>	<b>277,341</b>	<b>2,675,970</b>
<b>Total Incentive Transmission Projects (Closing by Dec 2014)</b>					<b>1,196,838</b>	<b>670,524</b>	<b>84,232</b>	<b>1,951,594</b>	<b>1,196,838</b>	<b>670,524</b>	<b>84,232</b>	<b>1,951,594</b>