

**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	2014	2015	Total	Prior	2014	2015	Total
<b>Incentive Transmission Projects includes only Direct Installation Expenditures</b>												
<b>04847</b>	<b>Devers-Colorado River</b>											
04847	DEVERS-Colorado River: PRELIMINARY ENGINEERING & LICENSING	800062522	High	Jan-14	1,484	(4)	-	1,480	1,484	(4)	-	1,480
04847	DEVERS-Colorado River NO. 2 500KV T/L (CA): BUILD 110 MI single circuit 500KV T/L	800062494	High	Jun-13	322,044	8,005	8,900	338,949	322,044	8,005	8,900	338,949
04847	DEVERS-VALLEY #2 500KV T/L: BUILD A NEW 41.6 MILE SINGLE-CIRCUIT 500kv T/L	800062527	High	Sep-13	223,772	7,951	8,900	240,623	223,772	7,951	8,900	240,623
04847	DEVERS SUB: REPLACE CIRCUIT BREAKERS	800062846	High	May-13	3,637	1	-	3,638	3,637	1	-	3,638
04847	DEVERS SUB: EXTEND BUS TWO POSITIONS TO THE WEST AND EQUIP NEW POSITION 8	800062850	High	Dec-13	20,152	719	-	20,871	20,152	719	-	20,871
04847	VALLEY SUB: INSTALL A LINE POSITION TO TERMINATE THE DEVERS-VALLEY #2 T/L	800062902	High	Sep-13	6,857	177	-	7,034	6,857	177	-	7,034
04847	DEVERS-Colorado River JCT SERIES CAPACITOR (CA): INSTALL A NEW 2700A, 875MVAR SERIE	800063033	High	Dec-13	28,145	4,127	-	32,272	28,145	4,127	-	32,272
04847	Colorado River Switchyard	800403645	High	Jun-13	93,825	3,474	-	97,299	93,825	3,474	-	97,299
04847	Development of the Material Yards and helicopter assembly yards	800418261	High	Jan-14	1,556	(1,587)	-	(31)	1,556	(1,587)	-	(31)
04847	Devers-Valley #1 500k T/L Relocate Facilities	800504834	High	Sep-13	5,877	90	-	5,967	5,877	90	-	5,967
04847	Loop in DPV#1 into Colorado River Substation	800504836	High	Dec-13	8,332	17	-	8,349	8,332	17	-	8,349
<b>04847</b>	<b>Total Devers-Colorado River</b>				<b>715,679</b>	<b>22,970</b>	<b>17,800</b>	<b>756,449</b>	<b>715,679</b>	<b>22,970</b>	<b>17,800</b>	<b>756,449</b>
<b>Various Tehachapi - Segments 3B &amp; 3C</b>												
07183	230 kV Transmission Line Between Highwind and Windhub Substations	800062547	High	Dec-12	41,191	542	120	41,853	41,191	542	120	41,853
07183	New Highwind 220kV Substation Construction	800063658	High	Dec-12	9,113	-	550	9,663	9,113	-	550	9,663
07183	Highwind-Windhub 230kV transmission line cathodic protection	900604086	High	Dec-12	9,827	4,032	6,917	20,776	9,827	4,032	6,917	20,776
<b>07183</b>	<b>Total Segment 3B</b>				<b>60,131</b>	<b>4,574</b>	<b>7,587</b>	<b>72,292</b>	<b>60,131</b>	<b>4,574</b>	<b>7,587</b>	<b>72,292</b>
07014	Windhub 500kV Sub upgrade	800219424	High	Dec-12	-	(62)	-	(62)	-	(62)	-	(62)
07014	Windhub Substation Install transformer banks	800219436	High	Dec-12	63,319	261	-	63,580	63,319	261	-	63,580
07014	Antelope Substation 500kV Upgrades	800219505	High	Dec-12	98,671	343	-	99,014	98,671	343	-	99,014
<b>07014</b>	<b>Total Segment 3C</b>				<b>161,990</b>	<b>542</b>	<b>-</b>	<b>162,532</b>	<b>161,990</b>	<b>542</b>	<b>-</b>	<b>162,532</b>
<b>Total Tehachapi Segments 3B &amp; 3C</b>					<b>222,121</b>	<b>5,116</b>	<b>7,587</b>	<b>234,824</b>	<b>222,121</b>	<b>5,116</b>	<b>7,587</b>	<b>234,824</b>
<b>Total Tehachapi Segments 1-3 - Incentive Qualified</b>					<b>222,121</b>	<b>5,116</b>	<b>7,587</b>	<b>234,824</b>	<b>222,121</b>	<b>5,116</b>	<b>7,587</b>	<b>234,824</b>
<b>Various Tehachapi - Segments 4-11</b>												
06435	Antelope-Whirlwind 500kV T/L: Construct new 14-mile single-circuit 500kV T/L.	800217116	High	Apr-12	-	1,101	-	1,101	-	1,101	-	1,101
06435	Path 26 Loop: Construct approx. 2-miles of new single-circuit 500kV T/L to loop existing Midway-Vincent No.3 500kV.	800217211	High	Jan-13	-	4	-	4	-	4	-	4
<b>06435</b>	<b>Total Segment 4</b>				<b>-</b>	<b>1,105</b>	<b>-</b>	<b>1,105</b>	<b>-</b>	<b>1,105</b>	<b>-</b>	<b>1,105</b>
05472	Antelope Vincent #2 500kV T/L	800217232	High	Jan-13	114,912	2,907	3,652	121,471	114,912	2,907	3,652	121,471
05472	TRTP 4-11: Licensing	800433760	High	Feb-15	2,210	(2,281)	-	(71)	2,210	(2,281)	-	(71)
<b>05472</b>	<b>Total Segment 5</b>				<b>117,122</b>	<b>626</b>	<b>3,652</b>	<b>121,399</b>	<b>117,122</b>	<b>626</b>	<b>3,652</b>	<b>121,399</b>
05243	New Vincent-Duarte 500kV T/L	800217316	High	Mar-14	237,449	54,401	5,536	297,386	237,449	54,401	5,536	297,386
05243	New Vincent-Angeles National Forest (ANF) 500kV T/L	800217330	High	Mar-14	16,217	374	-	16,591	16,217	374	-	16,591
05243	Tehachapi Renewable Acquire Easement	800051930	High	Jan-14	996	(1)	-	995	996	(1)	-	995
<b>05243</b>	<b>Total Segment 6</b>				<b>254,661</b>	<b>54,774</b>	<b>5,536</b>	<b>314,971</b>	<b>254,661</b>	<b>54,774</b>	<b>5,536</b>	<b>314,971</b>
06438	New Vincent-Rio Hondo #2 500kV T/L	800218130	High	Dec-14	13,960	185	-	14,145	13,960	185	-	14,145
06438	New Antelope-Mesa 500kV T/L	800218138	High	Jan-15	110,538	67,366	12,092	189,996	110,538	67,366	12,092	189,996
06438	Tehachapi Renewable Acquire Easement	800051909	High	Jan-15	1,558	-	-	1,558	1,558	-	-	1,558
<b>06438</b>	<b>Total Segment 7</b>				<b>126,056</b>	<b>67,551</b>	<b>12,092</b>	<b>205,699</b>	<b>126,056</b>	<b>67,551</b>	<b>12,092</b>	<b>205,699</b>

**Summary of ISO Capital Expenditure Forecast - Incentive Projects**

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PIN	Project Title	Order #	High/Low Voltage	OD	Project Total (ISO & non-ISO)				ISO Portion			
					Prior	2014	2015	Total	Prior	2014	2015	Total
06439	Construct 1.33 mi. 220kV T/L at Rose Hills	800218522	High	Dec-14	13,375	1,493	-	14,868	13,375	1,493	-	14,868
06439	Construct 220kV T/L at Water Tank/Fullerton Rd.	800218551	High	Dec-14	4,806	(0)	-	4,806	4,806	(0)	-	4,806
06439	Chino-Mira Loma #1 & #2 230kV T/L	800218618	High	May-15	32,122	19	-	32,141	32,122	19	-	32,141
06439	New 33 mile Vincent-Mira Loma 500kV T/L	800218645	High	May-15	213,807	152,504	95,239	461,550	213,807	152,504	95,239	461,550
06439	Chino Hills State Park 500kV reroute alternative	800375079	High	May-15	14	-	-	14	14	-	-	14
06439	Tehachapi Renewable Acquire Easement	800051911	High	Mar-15	13,735	3,021	-	16,756	13,735	3,021	-	16,756
<b>06439</b>	<b>Total Segment 8</b>				<b>277,858</b>	<b>157,037</b>	<b>95,239</b>	<b>530,134</b>	<b>277,858</b>	<b>157,037</b>	<b>95,239</b>	<b>530,134</b>
07553	Mira Loma-Vincent 500 kV T/L (UG): Civil & Cable Portion	900610533	High	Oct-16	11,910	40,530	195,760	248,200	11,910	40,530	195,760	248,200
07553	Mira Loma Substation	901094247	High	Oct-16	-	18	-	18	-	18	-	18
07553	Vincent Substation	901094249	High	Oct-16	-	20	-	20	-	20	-	20
07553	ACQ: CHUG - TRTP-Segment 8	801025887	High	Oct-16	2,997	7,331	-	10,328	2,997	7,331	-	10,328
07553	East Transition Station	901109252	High	Oct-16	1	81	-	81	1	81	-	81
07553	West Transition Station	901109253	High	Oct-16	1	68	-	69	1	68	-	69
<b>07553</b>	<b>Total Segment 8A (Chino Hills Underground (CHUG))</b>				<b>14,908</b>	<b>48,048</b>	<b>195,760</b>	<b>258,717</b>	<b>14,908</b>	<b>48,048</b>	<b>195,760</b>	<b>258,717</b>
06440	WHIRLWIND - CONSTRUCT NEW SUBSTATION	800216839	High	Dec-12	124,639	2,436	-	127,074	124,639	2,436	-	127,074
06440	ANTELOPE - CONSTRUCT ADDITION TO EXISTING SUBSTATION	800216848	High	Dec-12	27,904	14	-	27,918	27,904	14	-	27,918
06440	VINCENT - EXTEND 500KV SWITCHRACK ADDING FOUR BAY POSITIONS. EXTEND 220KV SWITCHRACK ADDING ONE BAY POSITION.	800216929	High	Dec-13	67,146	(85)	-	67,060	67,146	(85)	-	67,060
06440	WINDHUB - CONSTRUCT 500KV SWITCHYARD & AA TRANSFORMER BANK	800217014	High	Dec-12	-	293	-	-	-	293	-	293
06440	MESA SUB - EQUIP 220KV line protection	800218099	High	Jan-14	2,627	87	-	2,714	2,627	87	-	2,714
06440	MIRA LOMA SUB - EQUIP 1 500KV line protection	800218712	High	Jul-14	20,801	347	-	21,148	20,801	347	-	21,148
06440	VINCENT - EXTEND 500KV SWITCHRACK ADDING FOUR BAY POSITIONS. EXTEND 220KV SWITCHRACK ADDING ONE BAY POSITION. REMOVE MIDWAY NO. 3 SERIES CAPACITOR.	800219576	High	Jan-14	118	7,005	-	7,123	118	7,005	-	7,123
06440	GOULD - ADD CB'S ON TRANSFORMERS TO COMPLY WITH L&B CRITERIA. ADD NEW 220KV LINE POSITION (PART OF SEGMENT 9-1)	800219704	High	Jan-14	6,577	893	-	7,470	6,577	893	-	7,470
06440	Vincent Substation Administration and Control Building	900817489	High	Sep-14	2,925	3,806	-	6,731	2,925	3,806	-	6,731
06440	Replace the protective relays at Lugo Substation for the Mira Loma No.3 500kV transmission line	900516432	High	Jan-14	-	91	-	91	-	91	-	91
<b>06440</b>	<b>Total Segment 9</b>				<b>252,735</b>	<b>14,888</b>	<b>-</b>	<b>257,402</b>	<b>252,735</b>	<b>14,888</b>	<b>-</b>	<b>267,623</b>
06441	Whirlwind - Windhub 500kV T/L	800217239	High	Apr-12	72,438	(643)	-	71,795	72,438	(643)	-	71,795
<b>06441</b>	<b>Total Segment 10</b>				<b>72,438</b>	<b>(643)</b>	<b>-</b>	<b>71,795</b>	<b>72,438</b>	<b>(643)</b>	<b>-</b>	<b>71,795</b>
06442	Mesa-Vincent #1 500kV T/L	800217339	High	May-15	61,095	109,502	45,761	216,358	61,095	109,502	45,761	216,358
06442	Mesa-Gould 220kV T/L	800217366	High	May-15	15,159	2,277	-	17,435	15,159	2,277	-	17,435
06442	Connect to Vincent & Eagle Rock to Gould	800217381	High	May-15	2,700	1,212	-	3,913	2,700	1,212	-	3,913
06442	TRTP Seg 11 - Acquire Easement	800208616	High	May-15	4,093	(5)	-	4,088	4,093	(5)	-	4,088
<b>06442</b>	<b>Total Segment 11</b>				<b>83,047</b>	<b>112,985</b>	<b>45,761</b>	<b>241,794</b>	<b>83,047</b>	<b>112,985</b>	<b>45,761</b>	<b>241,794</b>
<b>Total Tehachapi Segments 4-11 - Incentive Qualified</b>					<b>1,198,827</b>	<b>455,266</b>	<b>358,040</b>	<b>2,001,911</b>	<b>1,198,827</b>	<b>455,266</b>	<b>358,040</b>	<b>2,012,132</b>
<b>Total Tehachapi - Segments 1-11 Incentive Qualified</b>					<b>1,420,948</b>	<b>461,487</b>	<b>365,627</b>	<b>2,237,840</b>	<b>1,420,948</b>	<b>461,487</b>	<b>365,627</b>	<b>2,248,062</b>
<b>06551</b>	<b>EITP</b>											
06551	Ivanpah SS, EITP	900316933	High	Jul-13	40,725	123	-	40,848	40,725	123	-	40,848
06551	Eldorado SS Upgrades EITP	900316934	High	Jun-13	11,148	6	-	11,154	11,148	6	-	11,154
06551	Eldorado-Ivanpah 220kV T/L CA	900344621	High	May-13	38,896	2,706	-	41,603	38,896	2,706	-	41,603
06551	Eldorado-Ivanpah 220kV T/L NV	900344623	High	May-13	199,899	641	-	200,540	199,899	641	-	200,540
<b>06551</b>	<b>Total EITP</b>				<b>290,669</b>	<b>3,475</b>	<b>-</b>	<b>294,144</b>	<b>290,669</b>	<b>3,475</b>	<b>-</b>	<b>294,144</b>

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PIN	Project Title	Order #	High/Low Voltage	OD	Project Total (ISO & non-ISO)				ISO Portion					
					Prior	2014	2015	Total	Prior	2014	2015	Total		
<b>07018</b>	<b>Lugo-Pisgah</b>													
	Lugo-Pisgah Phase II, Siting Study	800499057	High	Suspended	-	-	-	-	-	-	-	-	-	-
	<b>Total Lugo-Pisgah</b>				<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>06929</b>	<b>Red Bluff</b>													
06929	Modify Existing Calif Series Capacitor Bank	900247848	High	Mar-14	9,692	2,293	-	11,985	9,692	2,293	-	11,985		
06929	Red Bluff Substation: Construct a new 500/230kV substation	900248417	High	Jun-13	179,504	11,222	3,330	194,056	179,504	11,222	3,330	194,056		
06929	Siting study	800380461	High	Jan-14	(148)	2	-	(146)	(148)	2	-	(146)		
06929	Devers-Palo Verde 500kV line loop into Red Bluff Sub	900312870	High	Dec-13	9,411	29	-	9,440	9,411	29	-	9,440		
06929	DCR #2 - Loop DCR line into Red Bluff Sub	900342200	High	Jun-13	8,570	28	-	8,598	8,570	28	-	8,598		
<b>06929</b>	<b>Total Red Bluff</b>				<b>207,028</b>	<b>13,574</b>	<b>3,330</b>	<b>223,932</b>	<b>207,028</b>	<b>13,574</b>	<b>3,330</b>	<b>223,932</b>		
<b>176/7061</b>	<b>Colorado River Substation Expansion</b>													
07076	Colorado River Sub: Equipment and Installation	800404139	High	Jul-13	63,052	997	8,500	72,549	63,052	997	8,500	72,549		
07061	Devers: Relays for D-RB 500kV N-2 SPS	900603420	High	May-15	-	220	611	831	-	220	611	831		
07061	Red Bluff: Relays for D-RB 500kV N-2 SPS	900603421	High	May-15	-	220	611	831	-	220	611	831		
07061	Colorado River Substation: Relays for D-RB 500kV N-2 SPS	900603422	High	May-15	-	240	591	831	-	240	591	831		
	<b>Total CRS Expansion</b>				<b>63,052</b>	<b>1,677</b>	<b>10,313</b>	<b>75,042</b>	<b>63,052</b>	<b>1,677</b>	<b>10,313</b>	<b>75,042</b>		
<b>Various</b>	<b>Whirlwind Substation Expansion Project</b>													
07067	Whirlwind 2nd AA Bank	900692361	High	Dec-14	20,483	18,500	-	38,983	20,483	18,500	-	38,983		
07067	Whirlwind 3rd AA Bank	TBD	High	Dec-16	-	500	11,000	11,500	-	500	11,000	11,500		
07067	Whirlwind 2nd AA bank and SPS	TBD	High	Dec-14	-	700	-	700	-	700	-	700		
<b>07067</b>	<b>Total Whirlwind Substation Expansion Project</b>				<b>20,483</b>	<b>19,700</b>	<b>11,000</b>	<b>51,183</b>	<b>20,483</b>	<b>19,700</b>	<b>11,000</b>	<b>51,183</b>		
<b>Various</b>	<b>South of Kramer (Coolwater-Lugo 220kV T/L and Jasper Substation)</b>													
07091	New Coolwater-Lugo 220 kV Transmission Line	900473253	High	Apr-18	16,423	10,500	31,520	58,443	16,423	10,500	31,520	58,443		
07091	Lugo Substation Work to support the Coolwater-Lugo 220kV line	TBD	High	Apr-18	-	-	310	310	-	-	310	310		
07091	Coolwater Substation Work to support the Coolwater-Lugo 220kV line	TBD	High	Apr-18	-	-	1,470	1,470	-	-	1,470	1,470		
07091	Real Properties Acquisition for Coolwater-Lugo 220kV transmission line	TBD	High	Apr-18	-	-	10,410	10,410	-	-	10,410	10,410		
06902	Jasper: LGIA Engineer and construct a new interconnection facility	900295954	High	On hold	1,404	300	-	1,705	1,404	300	-	1,705		
06902	Lugo - Pisgah 220KV T/L loop into Jasper Substation.	900704372	High	On hold	-	-	-	-	-	-	-	-		
06902	Permanent Interconnection (NU) - Line drop for Coolwater-Lugo TL	900704374	High	On hold	-	-	-	-	-	-	-	-		
06902	Pisgah Sub (NU) - Upgrade line protection	900704371	High	On hold	-	-	-	-	-	-	-	-		
06902	Lugo Sub (NU) - Upgrade line protection	900704365	High	On hold	-	-	-	-	-	-	-	-		
	<b>Total South of Kramer</b>				<b>17,827</b>	<b>10,800</b>	<b>43,710</b>	<b>72,337</b>	<b>17,827</b>	<b>10,800</b>	<b>43,710</b>	<b>72,337</b>		
<b>06420</b>	<b>West of Devers</b>													
06420	Pre-Engineering (Morongo Transmission Relocation Project)	800062511	High	Dec-19	20,114	10,664	20,264	51,042	20,114	10,664	20,264	51,042		
06420	Devers-El Casco, El Casco-San Bernardino, and Devers-Vista #1 & #2 220kV line rebuild	900463423	High	Cancelled	-	-	-	-	-	-	-	-		
06420	Real Properties Acquisition	TBD	High	Dec-19	-	-	6,715	6,715	-	-	6,715	6,715		
<b>06420</b>	<b>Total West of Devers</b>				<b>20,114</b>	<b>10,664</b>	<b>26,979</b>	<b>57,757</b>	<b>20,114</b>	<b>10,664</b>	<b>26,979</b>	<b>57,757</b>		
<b>Total Incentive Transmission Projects (2015 Includes expenditures through December 2015)</b>					<b>2,755,801</b>	<b>544,348</b>	<b>478,759</b>	<b>3,768,685</b>	<b>2,755,801</b>	<b>544,348</b>	<b>478,759</b>	<b>3,778,907</b>		
<b>Total Incentive Transmission Projects (Closing by Dec 2015)</b>					<b>2,630,514</b>	<b>473,873</b>	<b>201,310</b>	<b>3,305,697</b>	<b>2,630,514</b>	<b>473,873</b>	<b>201,310</b>	<b>3,305,697</b>		