

FERC CWIP Capital Expenditure Plan  
(excl CPUC related) in \$000  
(Install work only, excludes allocated corporate overheads such as P and B, A and G)

Project PINSAP W.O.	Description	TOTAL Jan 12 - Sept 13	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Total 2012
<b>4847 DCR Project</b>															
800062522	DCR: Preliminary Engineering, Licensing Devers - Colorado River #2 500KV T/L: Build 110 mile single circuit 500KV T/L with 2B-2156 ACSR conductor, including OPGW, paralleling the existing Devers - Palo Verde #1 500KV T/L terminating at Colorado River Substation.	3,903	27	59	49	161	255	244	244	267	220	255	164	458	2,403
800062494		250,150	4,496	3,616	11,102	4,362	16,942	7,138	7,211	22,896	22,378	22,146	19,872	20,750	162,908
800062527	Devers - Valley #2 500KV T/L: Build a new 42 mile single circuit 500KV T/L, including OPGW, with 2B-2156 (KMIL) ACSR conductor, paralleling the existing Devers - Valley 500KV line.	170,518	3,948	3,328	7,517	2,885	7,591	6,470	3,730	15,467	15,059	14,152	12,772	12,776	105,695
800062846	I: DCR: Devers: Replace Circuit Breakers	3,493	38	5	21	252	264	252	252	276	228	264	228	228	2,308
800062850	Devers Substation: Extend 500KV BUS two positions.	20,226	672	2,109	618	279	1,659	67	1,158	1,158	1,158	1,083	1,727	1,727	12,846
800062855	I: DCR: Devers: Install Line Pos for Devers-Valley #2 500KV T/L.	(44)													(44)
800062856	I: DCR: Devers: Install 2 500KV Shunt Capacitors	-													-
800062902	Valley Substation: Equip line position 8X with two 4000A, 63KA, 500KV circuit breakers and other associated equipment to terminate the new Devers - Valley #2 500KV T/L.	9,685	20	85	840	355	135	647	68	68	68	69	69	1,139	3,563
800063033	Devers-Colorado River 500KV SERIES CAP (CA): Install an additional 500KV SERIES CAPACITOR BANK for the new Devers - Colorado River No.2 500KV Transmission Line.	33,532	149	174	75	3,279	2,953	597	175	1,346	1,977	3,328	175	1,009	15,237
800403645	Colorado River Switchyard: Construct a new 6 position 500KV switchyard.	101,553	2,628	5,082	10,934	6,470	6,362	9,361	6,357	5,318	5,248	2,248	2,646	2,646	64,802
800418261	Development of the Material Yards and helicopter assembly yards.	19,728	173	648	272	840	921	886	886	978	1,009	1,037	1,009	1,712	10,371
800504834	Devers - Valley T/L: Relocate approximately 0.25 mile of existing single - circuit 500KV T/L.	6,269	391	355	557	2,644	94	250	250	250	250	252	410	-	5,703
800504836	Devers - Palo Verde 500KV T/L (CA): Loop existing DPV 500KV T/L into Colorado River Switchyard.	9,013	270	276	1,905	1,600	2,500	-	-	-	-	700	600	210	8,061
800051690	Colorado River - Devers #2 500KV T/L Land & Land Rights (CA): Acquire any additional properties or rights-of-way needed to build the Colorado River - Devers #2 500KV T/L.	280	16	(0)	4	15	20	20	20	20	20	20	20	16	190
800051691	Devers-Valley #2 500KV T/L Land & Land Rights (CA): Acquire any additional properties or rights-of-way needed to build the Colorado River - Devers #2 500KV T/L.	32	0	3	3	3	3	3	3	3	3	3	3	2	32
<b>Total DCR</b>		<b>628,339</b>	<b>12,728</b>	<b>15,698</b>	<b>33,896</b>	<b>23,144</b>	<b>39,699</b>	<b>25,935</b>	<b>20,354</b>	<b>48,047</b>	<b>47,618</b>	<b>45,632</b>	<b>38,654</b>	<b>42,673</b>	<b>394,077</b>
<b>TRTP Segments 3B and 3C, and 4-11</b>															
<b>7183 Segment 3B</b>															
800062547	230 KV Transmission Line Between Highwind and Winhub Substations	17,694	335	357	794	1,664	2,156	2,635	2,778	3,198	1,726	1,210	542	300	17,694
800063658	Highwind Substation Construction	7,401	145	35	62	531	1,015	1,005	1,272	971	651	710	623	361	7,401
800452215	I: TRTP-3B: Land Acquisition.	120	4	1	0	15	15	15	12	9	10	10	9	20	120
<b>Total Segment 3B</b>		<b>25,215</b>	<b>483</b>	<b>392</b>	<b>857</b>	<b>2,210</b>	<b>3,186</b>	<b>3,655</b>	<b>4,062</b>	<b>4,178</b>	<b>2,387</b>	<b>1,930</b>	<b>1,174</b>	<b>700</b>	<b>25,215</b>
<b>7014 Segment 3C</b>															
800219424	I: TRTP 3C-1: Winhub 500KV Sub upgrade.	1,744	(29)	1,215	116	208	234	-	-	-	-	-	-	-	1,744
800219436	I: TRTP Segment 3C: Winhub Sub: Install transformer banks 1AA and 2AA.	36,633	558	1,012	2,337	3,300	7,127	7,428	3,306	3,668	2,973	2,507	1,008	1,008	36,233
800219505	I: TRTP 3C-5: Antelope 500KV Sub upgrade.	3,630	(216)	796	588	584	803	783	152	140	-	-	-	0	3,630
800219631	I: TRTP 3C-3: Vincent 500KV Sub - Equip One Position.	9	5	0	4	-	-	-	-	-	-	-	-	0	9
900692988	Magunden Relays	100	-	-	-	-	5	5	5	5	35	35	10	-	100
<b>Total Segment 3C</b>		<b>42,115</b>	<b>317</b>	<b>3,023</b>	<b>3,044</b>	<b>4,092</b>	<b>8,169</b>	<b>8,216</b>	<b>3,463</b>	<b>3,813</b>	<b>3,008</b>	<b>2,542</b>	<b>1,018</b>	<b>1,008</b>	<b>41,715</b>

TRTP Segments 3B and 3C, and 4-11

**7014 Segment 3C**

7014		Segment 3C		7014		Segment 3C	
800219424	l: TRTP 3C-1: Windhub 500kV Sub. upgrade.	-	-	-	-	-	-
800219436	l: TRTP Segment 3C: Windhub Sub. install transformer banks 1AA and 2AA.	185	185	30	-	-	400
800219505	l: TRTP 3C-5: Antelope 500kV Sub. upgrade.	-	-	-	-	-	-
800219631	l: TRTP 3C-3: Vincent 500kV Sub. - Equip One Position.	-	-	-	-	-	-
900692988	Magunden Relays	-	-	-	-	-	-
	Total Segment 3C	185	185	30	-	-	400

Project PIN/SAP/W.O.	Description	TOTAL Jan 12- Sept 13	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Total 2012
Segment 4															
6435															
8000217116	I: TRTP 4-1: Antelope-Vincent 500KV T/L. Construct new 14-mile single-circuit 500KV T/L.	17,749	(34)	3,413	1,684	116	2,373	2,373	1,443	751	751	751	751	647	15,020
8000217211	I: TRTP 4-3: Path 26 Loop: Construct approx. 2-miles of new single-circuit 500KV T/L to loop existing Midway-Vincent No. 3 500KV.	2,308	528	140	53	(370)	378	332	268	336	108	108	108	99	2,089
900269206	I: TRTP 4-5: Antelope-Windhub 500KV Cross-Over Elimination.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
900021208	I: TRTP 4-4: Midway-Vincent No.3 500KV T/L Ground Clearance Upgrade.	-	0	(0)	-	-	-	-	-	-	-	-	-	(0)	-
800051900	I: TRTP Segment 4 Real Properties	270	78	73	74	5	5	5	5	5	5	5	5	5	270
Total Segment 4		20,327	573	3,628	1,811	(249)	2,756	2,710	1,717	1,092	864	864	864	751	17,379
Segment 5															
5472															
800062539	I: TRTP 4-11 & 3C: Antelope-Vincent #2 500KV T/L: PEA & Preliminary Engineering, Environmental studies and licensing.	801	58	156	3	65	65	65	65	65	65	65	65	65	801
8000217225	I: TRTP 5-2: Antelope-Vincent-Windhub: Reconfigure T/L.	226	3	107	1	(258)	157	151	11	11	11	11	11	11	226
8000217232	I: TRTP 5-3: Antelope-Vincent #2 500KV: Construct new 18-miles single-circuit T/L on existing right of way.	49,629	3,967	7,044	5,098	1,440	4,235	4,156	4,204	892	3,865	3,859	3,621	3,636	46,017
800433760	I: TRTP 4-11: Licensing	1,300	110	156	480	122	54	54	54	54	54	54	54	54	1,300
800051902	I: TRTP Segment 5 Real Properties	183	20	4	0	117	5	5	5	5	5	5	5	5	183
Total Segment 5		52,138	4,159	7,467	5,583	1,485	4,516	4,431	4,339	1,027	3,999	3,994	3,756	3,770	48,526
Segment 6															
5243															
8000217316	I: TRTP 6-2: New Vincent-Duarte 500KV: Construct new 27 miles single-circuit 500KV T/L on existing ROW vacated by Antelope-Mesa line.	92,524	863	1,769	2,495	841	863	8,476	1,316	937	4,684	7,873	6,479	4,044	40,540
8000217330	I: TRTP 6-4: New Vincent-ANF 500KV: Construct 5 miles single-circuit 500KV T/L between Vincent SS and ANF boundary (MD-T1).	16,787	113	696	422	274	296	566	566	583	548	601	566	873	6,104
800051930	I: TRTP 6-6: Land Acquisition.	31	2	2	0	3	3	3	3	3	3	3	3	3	31
Total Segment 6		109,342	978	2,466	2,917	1,118	1,162	9,045	1,885	1,523	5,235	8,477	7,048	4,921	46,775
Segment 7															
6438															
8000218130	I: TRTP 7-2: Vincent-Rio Hondo #2: Construct 0.61 mile DC 500KV T/L outtower to connect new 27-miles 500KV T/L to existing Vincent-Rio Hondo #2.	10,623	(36)	719	4,146	5	96	415	216	5	760	1,340	1,325	280	9,271
8000218138	I: TRTP 7-3: Antelope-Mesa 230KV T/L: Construct new 16-mile double-circuit 500KV T/L (2B-2156 ACSB) between the City of Duarte and near the Mesa SS.	51,542	1,560	4,798	1,600	4,667	2,994	1,670	844	691	1,592	2,240	1,773	4,672	29,099
800051909	I: TRTP 7-7: Land Acquisition.	25	(0)	0	2	1	1	1	1	1	1	1	1	1	15
Total Segment 7		62,190	1,533	5,507	5,749	4,672	3,091	2,086	1,061	697	2,354	3,581	3,100	4,956	38,386
Segment 8															
6439															
8000218522	I: TRTP 8-2: MA1-14 to MA1-12: Construct 1.33 miles double-circuit 220KV T/L at Rose Hills from MA1-14 to MA1-12.	1,102	344	482	135	39	4	4	4	4	4	4	22	21	1,066
8000218551	I: TRTP 8-4: Construct 0.44 miles 220KV T/L at water tank/ Fullerton Rd.	56	(120)	72	105	-	-	-	-	-	-	-	-	(1)	56
8000218618	I: TRTP 8-7: Chino-Mira Loma #1 & #2: Construct 7.26 miles Chino-Mira Loma #1 & #2 220KV T/L.	548	(97)	90	556	-	-	-	-	-	-	-	-	-	548
8000218645	I: TRTP 8-8: Mira Loma-Vincent: Construct new 33 miles 500KV T/L between Mesa and Mira Loma (Section of Mira Loma and Vincent).	118,982	3,620	2,313	3,474	1,097	5,938	4,178	3,210	3,295	11,293	2,943	5,492	17,112	63,965
800375079	I: TRTP 8: Chino Hills State Park 500KV reroute alternative 4CM.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
900610533	I: TRTP Segment 8: Licensing efforts associated with the construction of Segment 8 (between Tonner Canyon and Mira Loma Substation) in conjunction with the Assigned Commissioner Ruling (ACR) to review alternate routes of construction.	1,144	55	183	13	50	50	50	50	50	50	50	50	48	697
800051911	I: TRTP 8-12: Land Acquisition.	2,904	71	157	22	82	86	63	77	75	72	74	765	1,618	67,950
Total Segment 8		124,736	3,973	3,297	4,304	1,268	6,078	4,295	3,341	3,424	11,418	3,071	5,638	17,945	67,950

Project PIN/SAP W.O.	Description	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Total Jan- Sept 2013	Operating Date
Segment 4												
6435	I: TRTP 4-1: Antelope-Whitwind 500KV T/L; Construct new 14-mile single-circuit 500KV T/L	510	510	263	263	263	263	219	219	219	2,729	Apr-12
800217116	I: TRTP 4-3: Path 26 Loop: Construct approx. 2-miles of new single-circuit 500KV T/L to loop existing Midway-Vincent No.3 500KV.	110	110	-	-	-	-	-	-	-	219	Nov-12
800217211	I: TRTP 4-5: Antelope-Windhub 500KV Cross-Over Elimination.	-	-	-	-	-	-	-	-	-	-	Jun-12
900269206	I: TRTP 4-5: Antelope-Windhub 500KV Cross-Over Elimination.	-	-	-	-	-	-	-	-	-	-	Nov-12
900217208	I: TRTP 4-4: Midway-Vincent No.3 500KV T/L Ground Clearance Upgrade.	-	-	-	-	-	-	-	-	-	-	Sep-12
800051900	I: TRTP: Segment 4 Real Properties	-	-	-	-	-	-	-	-	-	-	Apr-13
Total Segment 4		619	619	263	263	263	263	219	219	219	2,948	
Segment 5												
5472	I: TRTP 4-1.1 & .3C: Antelope-Vincent #2 500KV T/L: PE&A Preliminary Engineering.	-	-	-	-	-	-	-	-	-	-	Feb-15
800062539	Environmental studies and licensing.	-	-	-	-	-	-	-	-	-	-	Nov-12
800217225	I: TRTP 5-2: Antelope-Vincent-Windhub: Reconfigure T/L	-	-	-	-	-	-	-	-	-	-	Nov-12
I: TRTP 5-3: Antelope-Vincent #2 500KV: Construct new 18-miles single-circuit T/L on existing right of way.	663	663	411	329	329	329	329	296	296	297	3,612	Nov-12
800317232	T/LP 4-1.1 Licensing	-	-	-	-	-	-	-	-	-	-	Feb-15
800333760	I: TRTP: Segment 5 Real Properties	-	-	-	-	-	-	-	-	-	-	Dec-12
800051902	I: TRTP: Segment 5 Real Properties	-	-	-	-	-	-	-	-	-	-	
Total Segment 5		663	663	411	329	329	329	296	296	297	3,612	
Segment 6												
5243	I: TRTP 6-2: New Vincent-Duarte 500KV: Construct new 27 miles single-circuit 500KV T/L on existing ROW vacated by Antelope-Mesa line.	10,429	9,342	7,197	6,052	5,170	2,579	3,025	5,902	2,188	51,884	Feb-14
800217316	Vincent #4: New Vincent-ANF 500KV: Construct 5 miles single-circuit 500KV T/L between Vincent SS and ANF boundary. (MO-T1).	907	620	593	1,749	2,280	2,210	1,512	406	406	10,683	Feb-14
800051930	I: TRTP 6-6: Land Acquisition.	-	-	-	-	-	-	-	-	-	-	Jun-12
Total Segment 6		11,336	9,962	7,790	7,801	7,450	4,789	4,537	6,308	2,594	62,567	
Segment 7												
6438	I: TRTP 7-2: Vincent-Rio Hondo #2: Construct 0.61 mile DC 500KV T/L crossover to connect new 27-miles 500KV T/L to existing Vincent-Rio Hondo #2.	17	254	5	5	463	595	5	5	5	1,351	Sep-14
800218130	I: TRTP 7-3: Antelope-Mesa 230KV T/L: Construct new 16-mile double-circuit 500KV T/L (2B-2L) ACSB between the City of Duarte and near the Mesa SS.	4,438	3,463	3,224	3,787	3,508	1,946	644	644	787	22,443	Oct-14
800218138	I: TRTP 7-7: Land Acquisition.	1	1	1	1	1	1	1	1	1	10	Dec-13
800051909	I: TRTP 7-7: Land Acquisition.	-	-	-	-	-	-	-	-	-	-	
Total Segment 7		4,456	3,718	3,230	3,793	3,972	2,542	650	650	791	23,804	
Segment 8												
6439	I: TRTP 8-2: MA1-14 to MA1-12: Construct 1.33 miles double-circuit 220KV T/L at Rose Hills from MA1-14 to MA1-12.	4	4	4	4	4	4	4	4	4	36	Mar-14
800218522	I: TRTP 8-4: Construct 0.44 miles 220KV T/L at water tank/ Fullerton Rd.	-	-	-	-	-	-	-	-	-	-	Nov-11
800218551	I: TRTP 8-7: Chino-Mira Loma #1 & #2: Construct 7.26 miles Chino-Mira Loma #1 & #2 220KV T/L.	-	-	-	-	-	-	-	-	-	-	Jun-11
800218618	I: TRTP 8-8: Mira Loma-Vincent: Construct new 33 miles 500KV T/L between Mesa and Mira Loma (Section of Mira Loma and Vincent).	8,730	7,910	8,622	5,712	5,740	3,898	4,638	5,248	4,519	55,017	Sep-14
800218645	I: TRTP 8: Chino Hills State Park 500KV reroute alternative 4CM.	-	-	-	-	-	-	-	-	-	-	Dec-13
800375079	TRTP Segment 8: Licensing efforts associated with the construction of Segment 8 (between Tonner Canyon and Mira Loma Substation) in conjunction with the Assigned Commissioner Ruling (ACR) to review alternate routes of construction.	-	-	-	-	-	-	-	-	-	-	
900610533		50	50	50	50	50	50	50	50	50	448	Dec-13
800051911	I: TRTP 8-12: Land Acquisition.	769	74	74	74	74	74	74	74	74	1,286	Dec-13
Total Segment 8		9,553	8,037	8,750	5,868	5,868	4,025	4,765	5,375	4,573	56,785	

6551 Eldorado-Ivanpah Transmission Project

FERC CWIP Capital Expenditure Plan  
(excl CPUC related) in \$000  
(Install work only, excludes allocated corporate overheads such as P and B, A and G)

Project PIN/SAP W.O.	Description	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Total Jan - Sept 2013	Operating Date
<b>6440 Segment 9</b>												
800148391	TRTP SEGMENT 9: ANTELOPE - CONSTRUCT ADDITION TO EXISTING SUBSTATION	-	-	-	-	-	-	-	-	-	-	May-12
800157264	TRTP SEGMENT 9: WINDHUB - CONSTRUCT 500KV SWITCHYARD & AA	-	-	-	-	-	-	-	-	-	-	May-12
800157266	TRANSFORMER BANK	-	-	-	-	-	-	-	-	-	-	May-12
800177566	TRTP SEGMENT 9: WHIRLWIND - CONSTRUCT NEW SUBSTATION	-	-	-	-	-	-	-	-	-	-	May-12
800216338	TRTP SEGMENT 9: WHIRLWIND - CONSTRUCT NEW SUBSTATION	650	650	650	650	490	356	-	-	-	3,446	Feb-12
800216348	TRTP SEGMENT 9: ANTELOPE - CONSTRUCT ADDITION TO EXISTING SUBSTATION	-	-	-	-	-	-	-	-	-	-	May-12
800216929	TRTP SEGMENT 9: VINCENT - EXTEND 500KV SWITCHYARD ADDING FOUR BAY POSITIONS. EXTEND 220KV SWITCHYARD ADDING ONE BAY POSITION.	1,699	1,915	1,907	1,699	488	291	113	113	113	8,238	May-12
800217014	TRTP SEGMENT 9: WINDHUB - CONSTRUCT 500KV SWITCHYARD & AA	-	-	-	-	-	-	-	-	-	-	May-12
800217014	TRANSFORMER BANK	-	-	-	-	-	-	-	-	-	-	May-12
800218099	TRTP SEGMENT 9: MESA SUB - EQUIP 220KV line protection	18	18	18	18	18	18	18	19	19	165	Jan-13
800218712	TRTP SEGMENT 9: MIRA LOMA SUB - EQUIP 1 500KV line protection	58	58	58	13	13	13	24	24	24	272	May-13
800219576	TRTP SEGMENT 9: VINCENT - EXTEND 500KV SWITCHYARD ADDING FOUR BAY POSITIONS. EXTEND 220KV SWITCHYARD ADDING ONE BAY POSITION. REMOVE MIDWAY NO. 3 SERIES CAPACITOR.	-	-	-	-	-	-	-	-	-	-	Feb-12
800219704	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)	23	23	23	4	-	-	-	-	-	97	May-12
900280844	TRTP SEGMENT 9: CHINO SUB - PROTECTION CHANGES	-	-	-	-	-	-	-	-	-	-	Dec-12
900389798	TRTP SEGMENT 9: VINCENT - RAS to support Whirlwind Acceleration	-	-	-	-	-	-	-	-	-	-	Dec-12
900390201	TRTP SEGMENT 9: Whirlwind SS: Acceleration and Relay Modifications.	-	-	-	-	-	-	-	-	-	-	Dec-12
900516432	TRTP SEGMENT 9: Replace the protective relays at Lugo Substation for the Mira Loma No.3	-	-	-	-	-	-	-	-	-	-	May-13
900516432	500KV transmission line.	-	-	-	-	-	-	-	-	-	-	Jun-12
800208721	TRTP: Segment 9 Real Properties	-	-	-	-	-	-	-	-	-	-	-
<b>Total Segment 9</b>		<b>2,448</b>	<b>2,664</b>	<b>2,556</b>	<b>2,403</b>	<b>1,013</b>	<b>677</b>	<b>144</b>	<b>155</b>	<b>156</b>	<b>12,218</b>	
<b>6441 Segment 10</b>												
800217290	TRTP: 10-1: Whirlwind/Windhubs 500KV: Construct approx. 17 miles of new single-circuit	521	521	247	247	247	247	247	247	246	2,767	Apr-12
800208725	500KV T/L between Whirlwind and Windhub Substations.	-	-	-	-	-	-	-	-	-	-	Apr-13
800208725	TRTP: Segment 10 Real Properties	-	-	-	-	-	-	-	-	-	-	-
<b>Total Segment 10</b>		<b>521</b>	<b>521</b>	<b>247</b>	<b>247</b>	<b>247</b>	<b>247</b>	<b>247</b>	<b>247</b>	<b>246</b>	<b>2,767</b>	
<b>6442 Segment 11</b>												
800217339	I: TRTP 11-1: Mesa-Vincent #1 500KV: Construct 18.6 miles Mesa-Vincent #1 500KV T/L. Construct approx. 18 miles of new single-circuit 500KV T/L from Vincent SS to the Gould SS area.	542	542	542	542	542	542	542	1,012	542	5,348	May-15
800217366	I: TRTP 11-2: Mesa-Gould 220KV: String approx. 18 miles of new 220KV conductor on vacant position of existing 220KV double-circuit tower line between Mesa and Gould area.	48	48	48	48	48	48	48	48	48	432	May-15
800217381	I: TRTP 11-4: Eagle Rock-Pardee 230KV: Construct 2 miles of single-circuit T/L to terminate Eagle Rock-Pardee 230KV T/L into Vincent. Construct approx. 0.2 mile of single-circuit T/L to connect Eagle Rock-Pardee T/L into Gould SS.	21	21	21	21	21	21	21	21	21	189	May-15
800208616	I: TRTP 11-9: Land Acquisition.	-	-	-	-	-	-	-	-	-	-	Jun-12
<b>Total Segment 11</b>		<b>611</b>	<b>611</b>	<b>611</b>	<b>611</b>	<b>611</b>	<b>611</b>	<b>611</b>	<b>1,061</b>	<b>611</b>	<b>5,969</b>	
<b>Subtotal Segments 3B &amp; 3C</b>												
Subtotal Segments 4 - 11		185	185	30	-	-	-	-	-	-	400	
Subtotal Segments 3B, 3C, & 4 - 11		30,207	26,796	23,558	21,285	19,752	13,483	11,489	14,332	9,488	170,671	
<b>Total Segments 3B, 3C, &amp; 4 - 11</b>		<b>30,392</b>	<b>26,981</b>	<b>23,588</b>	<b>21,285</b>	<b>19,752</b>	<b>13,483</b>	<b>11,489</b>	<b>14,332</b>	<b>9,488</b>	<b>171,071</b>	
<b>6551 Eldorado-Ivanpah Transmission Project</b>												
800063786	EITP: Licensing & Permit	-	-	-	-	-	-	-	-	-	-	Jul-13
900316933	Construct a New Ivanpah 220/115 KV Substation	1,538	2,528	3,079	2,509	1,939	7,074	1,867	1,159	3,355	25,048	Jul-13
900316934	Eldorado 220 KV Substation: Upgrades	812	702	703	683	683	983	300	400	939	6,195	Jul-13
900344621	Eldorado-Ivanpah 220 KV T/L (California): Construct California portion of new 35 to 39-mile double-circuit 220 KV T/L (2B-1590).	1,937	1,940	1,958	1,901	1,828	1,878	2,315	727	1,968	16,452	Jul-13
900344623	Eldorado-Ivanpah 220 KV T/L (Nevada): Construct Nevada portion of new 35 to 39-mile double-circuit 220 KV T/L (2B-1590)	6,854	7,183	7,678	6,871	6,533	6,515	7,191	2,935	6,714	58,474	Jul-13
800586667	Real Properties	-	-	-	-	-	-	-	-	-	-	Jul-13
<b>Total EITP</b>		<b>11,141</b>	<b>12,353</b>	<b>13,418</b>	<b>11,964</b>	<b>10,963</b>	<b>16,460</b>	<b>11,673</b>	<b>5,221</b>	<b>12,976</b>	<b>106,169</b>	

FERC CWIP Capital Expenditure Plan  
(excl CPUC related) in \$000  
(Install work only, excludes allocated corporate overheads such as P and B, A and G)

Project PIN/SAP W.O.	Description	TOTAL Jan 12 - Sept 13	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Total 2012
<b>7018 Lugo-Plisgah Phase II</b>															
80049057	Plisgah Sub: Siting Study for New Substation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Lugo-Plisgah Phase II</b>		-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>6929 Red Bluff Substation</b>															
900247848	Modify Existing CA Series Capacitor Bank, to Provide for 70% Compensation on the D-CRS#H - 500kV Line.	8,946	102	13	13	69	72	84	103	113	121	482	424	1,344	2,938
900248417	Red Bluff Substation: Construct a new 500/230kV substation.	140,674	979	4,785	6,489	4,018	20,940	7,975	8,510	9,672	2,163	9,892	6,582	2,466	84,470
900312870	Devers-Palo Verde 500 kV Line: Loop the existing line in and out of Red Bluff Substation and form the two new Colorado River-Red Bluff and Devers-Red Bluff 500kV T/L's.	10,055	85	254	546	444	430	515	603	693	576	836	838	867	6,687
900342200	Devers - Colorado River #2 500 kV T/L: Loop the DCR #2 line into Red Bluff Substation and form the two new Devers- Red Bluff #2 and Colorado River-Red Bluff #2 500kV T/Ls.	7,550	95	353	483	464	321	286	395	427	433	684	675	608	5,225
800380461	GRE: Siting study for New Substation	903	76	13	14	45	47	45	45	50	41	67	58	94	595
<b>Total Red Bluff</b>		168,128	1,336	5,418	7,544	5,040	21,811	8,905	9,656	10,353	3,334	11,962	8,577	5,379	99,915
<b>7076 Colorado River Substation Expansion</b>															
800404139	Colorado River Substation: Install Equipment to support Large Generation Interconnections.	67,295	377	2,192	2,579	4,914	4,401	5,490	2,620	2,565	1,336	1,149	1,865	6,614	36,402
800466234	CRS Expansion: Licensing effort	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total CRS Expansion</b>		67,295	377	2,192	2,579	4,914	4,401	5,490	2,620	2,565	1,336	1,149	1,865	6,614	36,402
<b>7054/7066-706 Whirlwind Substation Expansion</b>															
900389180	Whirlwind Substation: Expand existing line positions.	2,650	242	9	1,084	25	25	300	350	350	286	-	-	-	2,650
900397857	Plan of Service Reliability Network Upgrades: Equip one 220kV position at Whirlwind Substation to terminate the Q412 - AV Solar 1.	850	14	8	117	25	50	100	250	100	186	-	-	-	850
900615314	Whirlwind (NU): Equip one 220kV position - Solar Star 1	2,043	0	0	0	11	18	31	5	32	85	35	530	252	1,000
900642439	Whirlwind (NU): Equip one 220kV position - Solar Star 2	2,043	-	0	1	6	25	31	5	32	85	35	530	250	1,000
900692361	Whirlwind 2nd and 3rd AA Bank	27,327	-	-	-	7	20	33	66	132	188	205	178	172	1,000
<b>Total Whirlwind Sub Expansion</b>		34,914	256	17	1,202	74	138	495	676	646	809	275	1,238	675	6,500
<b>7091 South of Kramer Transmission</b>															
900295954	Jasper: LGIA Engineer and construct a new interconnection facility	1,757	35	64	54	111	100	117	129	142	111	116	112	159	1,250
900473253	New Coal Water-Lugo 220 kV Transmission Line	10,441	107	171	277	331	533	501	508	508	508	535	535	469	5,000
900704372	J. Lugo - Plisgah 220kV T/L loop into Jasper Substation.	486	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total South of Kramer</b>		12,683	142	234	330	442	633	618	637	650	619	650	646	648	6,250
<b>6420 West of Devers Transmission</b>															
800062511	Pre-Engineering (Morongo Transmission Relocation Project)	15,665	247	326	562	812	607	678	783	781	731	774	763	936	8,000
900463423	Devers-Et Casco, Et Casco-San Bernardino 220kV: Rebuild both lines approximately 43 miles 2B-1590 ACSR on double circuit towers. Devers-Vista Line #1 and Devers-Vista Line #2 220kV: Rebuild both lines approximately 45 miles 2B - 1590 ACSR on double circuit towers. (SBRAP).	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total West of Devers</b>		15,665	247	326	562	812	607	678	783	781	731	774	763	936	8,000
<b>Grand Total</b>		1,678,624	37,179	65,200	77,333	62,793	106,921	90,238	69,232	93,782	105,220	103,541	106,874	107,191	1,025,504

FERC CWIP Capital Expenditure Plan  
(excl CPUC related) in \$000  
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Project PIN/SAP W.O.	Description	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Total Jan - Sept 2013	Operating Date
<b>7018 Lugo-Plisgah Phase II</b>												
900490057	Plisgah Sub: Sling Study for New Substation	-	-	-	-	-	-	-	-	-	-	Suspended
<b>Total Lugo-Plisgah Phase II</b>		-	-	-	-	-	-	-	-	-	-	-
<b>6929 Red Bluff Substation</b>												
900247848	Modify Existing CA Series Capacitor Bank, to Provide for 70% Compensation on the D- CRS#1 - 500KV Line.	484	485	514	660	805	731	805	805	739	6,008	Dec-13
900248417	Red Bluff Substation: Construct a new 500/230KV substation.	5,879	6,202	8,745	11,225	9,350	3,650	3,119	4,472	3,563	56,204	Dec-13
900312870	Devers-Palo Verde 500 KV Line: Loop the existing line in and out of Red Bluff Substation and form the two new Colorado River-Red Bluff and Devers-Red Bluff 500KV T/L's.	552	485	534	449	401	387	373	186	-	3,368	Dec-13
900342200	Devers - Colorado River #2 500 KV T/L: Loop the DCR #2 line into Red Bluff Substation and form the two new Devers- Red Bluff #2 and Colorado River-Red Bluff #2 500KV T/L's.	554	349	387	296	270	186	166	117	-	2,325	Dec-13
900380461	CR#1 Sling study for New Substation	47	41	45	47	47	43	37	-	-	308	Dec-13
<b>Total Red Bluff</b>		7,516	7,543	10,226	12,677	10,873	4,997	4,499	5,579	4,303	68,212	Dec-13
<b>7076 Colorado River Substation Expansion</b>												
800404139	Colorado River Substation: Install Equipment to support Large Generation Interconnections.	4,077	4,077	4,077	4,077	4,077	4,077	3,701	2,730	-	30,893	Nov-13
800466294	CRS Expansion: Licensing effort	-	-	-	-	-	-	-	-	-	-	Nov-13
<b>Total CRS Expansion</b>		4,077	4,077	4,077	4,077	4,077	4,077	3,701	2,730	-	30,893	Nov-13
<b>7054/7065-706 Whirlwind Substation Expansion</b>												
900389180	Whirlwind Substation: Expand existing line positions.	-	-	-	-	-	-	-	-	-	-	Sep-12
900397857	Plan of Service Reliability Network Upgrades: Equip one 220KV position at Whirlwind Substation to terminate the Q412 - AV Solar 1.	-	-	-	-	-	-	-	-	-	-	Sep-12
900615314	Whirlwind (NU): Equip one 220KV position - Solar Star 1	20	8	95	100	125	250	400	20	25	1,043	Jan-14
900642339	Whirlwind (NU): Equip one 220KV position - Solar Star 2	20	8	95	100	125	250	400	20	25	1,043	Jan-14
900692361	Whirlwind 2nd and 3rd AA Bank	271	337	462	396	343	2,442	1,980	18,513	1,584	26,327	Dec-16
<b>Total Whirlwind Sub Expansion</b>		311	353	652	596	593	2,942	2,780	18,553	1,634	28,414	Dec-16
<b>7091 South of Kramer Transmission</b>												
900295954	Jasper: LGIA Engineer and construct a new interconnection facility	26	28	29	25	25	25	26	286	36	507	Oct-15
900473253	New Cool Water-Lugo 220 KV Transmission Line	644	628	635	571	566	566	610	610	610	5,441	Apr-18
900704372	L: Lugo - Plisgah 220KV T/L loop into Jasper Substation.	33	46	56	53	54	54	66	66	58	486	Oct-15
<b>Total South of Kramer</b>		703	702	720	649	645	645	702	962	704	6,433	Oct-15
<b>6420 West of Devers Transmission</b>												
900062511	Pre-Engineering (Morongo Transmission Relocation Project)	931	973	1,144	782	775	774	762	756	766	7,665	Dec-17
900463423	Devers-El Casco, El Casco-San Bernardino 220KV: Rebuild both lines approximately 43 miles 2B-1590 ASCR on double circuit towers. Devers-Visa Line #1 and Devers-Visa Line #2 220KV: Rebuild both lines approximately 45 miles 2B - 1590 ASCR on double circuit towers. (SBRAP).	-	-	-	-	-	-	-	-	-	-	Dec-17
<b>Total West of Devers</b>		931	973	1,144	782	775	774	762	756	766	7,665	Dec-17
<b>Grand Total</b>		99,924	86,443	85,124	79,338	74,418	66,028	56,671	62,904	42,271	653,120	