

Forecast CWIP Expenditures by PIN and Activity

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PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
7183	TRTP	4	-	4
	Project Support			
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	4	-	4
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
	Total	4	-	4
	Construction			
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	-	-	-
	Total	-	-	-
	Environmental			
1	Environmental	-	-	-
	Total	-	-	-
	Real Properties			
1	Real Properties Acquisitions	-	-	-
	Total	-	-	-
	Allocated			
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	0	-	0
	Total	0	-	0
	Contingency			
1	Contingency	-	-	-
	Total	-	-	-

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PIN #	Description	Forecast		Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
5243	TRTP Segment 6	2,817	-	2,817
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	-	-	-
2	Engineering and Design	2	-	2
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		2	-	2
Materials				
1	Steel and Hardware (e.g. Marker Balls)	-	-	-
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	-	-
6	Civil Materials and Misc Hardware	-	-	-
Total		-	-	-
Construction				
1	Civil and Structural Construction	-	-	-
Total		-	-	-
Environmental				
1	Environmental	2,681	-	2,681
Total		2,681	-	2,681
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	134	-	134
Total		134	-	134
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
6438	TRTP Segment 7	20	-	20
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	-	-	-
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		-	-	-
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)		-	-
2	Conductor and Conductor Hardware		-	-
3	Transformers		-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)		-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)		-	-
6	Civil Materials and Misc Hardware	-	-	-
Total		-	-	-
Construction				
1	Civil and Structural Construction	8	-	8
2	Electrical Construction	-	-	-
3	Construction Management Services	-	-	-
Total		8	-	8
Environmental				
1	Environmental	11	-	11
Total		11	-	11
Real Properties				
1	Real Properties Acquisitions		-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	1	-	1
Total		1	-	1
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
6439	TRTP Segment 8	(12)	-	(12)
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	25	-	25
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		25	-	25
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	-	-
2	Conductor and Conductor Hardware	(219)	-	(219)
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	-	-
6	Civil Materials and Misc Hardware	-	-	-
Total		(219)	-	(219)
Construction				
1	Civil and Structural Construction	109	-	109
2	Electrical Construction	-	-	-
3	Construction Management Services	49	-	49
Total		158	-	158
Environmental				
1	Environmental	11	-	11
Total		11	-	11
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	13	-	13
Total		13	-	13
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
7553	TRTP 500kV Underground	357	-	357
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	(6)	-	(6)
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		(6)	-	(6)
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	187	-	187
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	-	-
6	Civil Materials and Misc Hardware	-	-	-
Total		187	-	187
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	10	-	10
3	Construction Management Services	3	-	3
Total		13	-	13
Environmental				
1	Environmental	117	-	117
Total		117	-	117
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	47	-	47
Total		47	-	47
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
6442	TRTP Segment 11	461	-	461
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	-	-	-
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		-	-	-
Construction				
1	Electrical Construction	-	-	-
2	Construction Management Services	-	-	-
Total		-	-	-
Environmental				
1	Environmental	439	-	439
Total		439	-	439
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	22	-	22
Total		22	-	22
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
8169	Colorado River Second AA Bank	400	15,916	16,316
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	122	430	552
2	Engineering and Design	225	500	725
3	Regulatory and Licensing	-	-	-
Total		347	930	1,277
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	-	-
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	7,189	7,189
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	5,701	5,701
6	Civil Materials and Misc Hardware	-	-	-
Total		-	12,890	12,890
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	-	-	-
3	Construction Management Services	-	-	-
Total		-	-	-
Environmental				
1	Environmental	-	-	-
Total		-	-	-
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	53	2,096	2,149
Total		53	2,096	2,149
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
7650/ 7695	Whirlwind Substation Expansion	7	-	7
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	7	-	7
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		7	-	7
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	-	-
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	-	-
6	Civil Materials and Misc Hardware	-	-	-
Total		-	-	-
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	-	-	-
3	Construction Management Services	-	-	-
Total		-	-	-
Environmental				
1	Environmental	-	-	-
Total		-	-	-
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	0	-	0
Total		0	-	0
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
6902	Calcite 220/66 kV Substation (formerly Jasper, part of South of Kramer)	300	2,605	2,905
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	104	100	204
2	Engineering and Design	126	200	326
3	Regulatory and Licensing	-	-	-
Total		230	300	530
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	-	-
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	800	800
6	Civil Materials and Misc Hardware	-	-	-
Total		-	800	800
Construction				
1	Civil and Structural Construction	-	632	632
2	Electrical Construction	-	241	241
3	Construction Management Services	-	20	20
Total		-	893	893
Environmental				
1	Environmental	40	200	240
Total		40	200	240
Real Properties				
1	Real Properties Acquisitions	-	100	100
Total		-	100	100
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	30	312	342
Total		30	312	342
Contingency				
1		-	-	-
Total		-	-	-

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PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
6420	West of Devers Upgrade Project	168,382	150,773	319,154
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	2,834	4,177	7,012
2	Engineering and Design	-	-	-
3	Regulatory and Licensing	-	-	-
Total		2,834	4,177	7,012
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	3,589	-	3,589
2	Conductor	7,107	7,500	14,607
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	3,307	-	3,307
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	380	380	760
6	Civil Materials and Misc Hardware (Rebar and concrete)	3,085	-	3,085
Total		17,467	7,880	25,347
Construction				
1	Civil and Structural Construction	111,022	103,117	214,139
2	Electrical Construction	1,787	2,439	4,226
3	Construction Management Services	5,824	5,824	11,648
Total		118,633	111,380	230,013
Environmental				
1	Environmental	13,162	14,612	27,774
Total		13,162	14,612	27,774
Real Properties				
1	Real Properties Acquisitions	2,391	380	2,771
Total		2,391	380	2,771
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	13,893	12,344	26,237
Total		13,893	12,344	26,237
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
6092	Alberhill	785	785	1,570
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	126	126	252
2	Engineering and Design			-
3	Regulatory and Licensing	358	358	715
Total		483	483	967
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	-	-
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	-	-
6	Civil Materials and Misc Hardware	-	-	-
Total		-	-	-
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	-	-	-
3	Construction Management Services			-
Total		-	-	-
Environmental				
1	Environmental	199	199	398
Total		199	199	398
Real Properties				
1	Real Properties Acquisitions			-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	102	102	205
Total		102	102	205
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity

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PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
7546	Eldorado-Lugo-Mohave Series Capacitor Upgrade	38,439	65,644	104,083
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	440	1,120	1,560
2	Engineering and Design	1,155	3,834	4,989
3	Regulatory and Licensing	2,602	1,540	4,142
Total		4,197	6,494	10,691
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	1,787	3,259	5,046
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	5,621	1,452	7,073
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	4,012	2,513	6,525
6	Civil Materials and Misc Hardware	-	-	-
Total		11,420	7,224	12,119
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	15,058	30,223	45,281
3	Construction Management Services	101	1,494	1,595
Total		15,159	31,717	46,876
Environmental				
1	Environmental	1,770	10,965	12,735
Total		1,770	10,965	12,735
Real Properties				
1	Real Properties Acquisitions	226	1,737	1,963
Total		226	1,737	1,963
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	5,667	7,507	13,174
Total		5,667	7,507	13,174
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
7555	Mesa	83,043	118,382	201,425
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	1,766	1,630	3,396
2	Engineering and Design	4,562	3,411	7,973
3	Regulatory and Licensing	-	-	-
Total		6,328	5,042	11,369
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	6,744	-	6,744
2	Conductor and Conductor Hardware	2,133	410	2,543
3	Transformers	12,261	15,445	27,706
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	1,616	-	1,616
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	3,008	51,819	54,828
6	Civil Materials and Misc Hardware	705	-	705
Total		26,469	67,674	94,142
Construction				
1	Civil and Structural Construction	12,004	2,315	14,318
2	Electrical Construction	21,740	22,688	44,427
3	Construction Management Services	2,847	3,586	6,434
Total		36,591	28,589	65,179
Environmental				
1	Environmental	3,689	4,137	7,825
Total		3,689	4,137	7,825
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	9,967	12,941	22,908
Total		9,967	12,941	22,908
Contingency				
1	Contingency	-	-	-
Total		-	-	-