

Forecast CWIP Expenditures by PIN and Activity
(\$000)

PIN #	Description	Forecast	Forecast	Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
4847	Devers-Colorado River	(80)	-	(80)
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)	-	-	-
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)	(64)	-	(64)
6	Civil Materials and Misc Hardware	-	-	-
Total		(64)	-	(64)
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)	(11)	-	(11)
Total		(11)	-	(11)
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity
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PIN #	Description	Forecast		Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
7183	TRTP	4	-	4
	Project Support			
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	1	-	1
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
	Total	1	-	1
	Construction			
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	-	-	-
	Total	-	-	-
	Environmental			
1	Environmental	4	-	4
	Total	4	-	4
	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	-	-	-

Forecast CWIP Expenditures by PIN and Activity

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PIN #	Description	Forecast	Forecast	Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
6435	TRTP Segment 4	832	-	832
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	3	-	3
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		3	-	3
Materials				
1	Steel and Hardware (e.g. Yard 28 Relocation and Storage)	-	-	-
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				
3	Environmental	295	-	295
Total		295	-	295
Real Properties				
1	Real Properties Acquisitions	425	-	425
Total		425	-	425
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	108	-	108
Total		108	-	108
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity

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PIN #	Description	Forecast		Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
5472	TRTP Segment 5	8	-	8
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. 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	-	-	-
2	Electrical Construction	-	-	-
3	Construction Management Services	-	-	-
Total		-	-	-
Environmental				
1	Environmental	8	-	8
Total		8	-	8
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	-	-	-
Total		-	-	-
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
5243	TRTP Segment 6	1,600	-	1,600
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	11	-	11
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		11	-	11
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	Electrical Construction	-	-	-
Total		-	-	-
Environmental				
1	Environmental	1,584	-	1,584
Total		1,584	-	1,584
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	5	-	5
Total		5	-	5
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
6438	TRTP Segment 7	2,003	-	2,003
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	197	-	197
2	Engineering and Design	212	-	212
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		409	-	409
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	9	-	9
3	Construction Management Services	-	-	-
Total		9	-	9
Environmental				
1	Environmental	1,390	-	1,390
Total		1,390	-	1,390
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	195	-	195
Total		195	-	195
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
6439	TRTP Segment 8	3,200	-	3,200
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	58	-	58
2	Engineering and Design	76	-	76
3	Regulatory, Licensing, and Legal Costs	29	-	29
Total		163	-	163
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	955	-	955
3	Construction Management Services	-	-	-
Total		955	-	955
Environmental				
1	Environmental	2,019	-	2,019
Total		2,019	-	2,019
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	63	-	63
Total		63	-	63
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity

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PIN #	Description	Forecast	Forecast	Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
7553	TRTP 500kV Underground	10,808	-	10,808
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	6	-	6
2	Engineering and Design	736	-	736
3	Regulatory, Licensing, and Legal Costs	106	-	106
Total		848	-	848
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	2,144	-	2,144
3	Construction Management Services	-	-	-
Total		2,144	-	2,144
Environmental				
1	Environmental	4,864	-	4,864
Total		4,864	-	4,864
Real Properties				
1	Real Properties Acquisitions	2,016	-	2,016
Total		2,016	-	2,016
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	935	-	935
Total		935	-	935
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity
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PIN #	Description	Forecast		Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
6440	TRTP Segment 9	59	-	59
Project Support				
1	Windhub Sub	-	-	-
2	Whirlwind Sub	0	-	0
3	Antelope Sub	-	-	-
4	Vincent Sub	0	-	0
5	Other Substations	-	-	-
Total		0	-	0
Materials				
1	Windhub Sub	-	-	-
2	Whirlwind Sub	-	-	-
3	Antelope Sub	-	-	-
4	Vincent Sub	-	-	-
5	Other Substations	-	-	-
Total		-	-	-
Construction				
1	Windhub Sub	-	-	-
2	Whirlwind Sub	-	-	-
3	Antelope Sub	-	-	-
4	Vincent Sub	-	-	-
5	Other Substations	-	-	-
Total		-	-	-
Environmental				
1	Environmental	59	-	59
Total		59	-	59
Real Properties				
1	Corporate Real Estate	-	-	-
Total		-	-	-
Allocated				
1	Windhub Sub	-	-	-
2	Whirlwind Sub	-	-	-
3	Antelope Sub	-	-	-
4	Vincent Sub	0	-	0
5	Other Substations	-	-	-
Total		0	-	0
Contingency				
1	Windhub Sub	-	-	-
2	Whirlwind Sub	-	-	-
3	Antelope Sub	-	-	-
4	Vincent Sub	-	-	-
5	Other Substations	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity

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PIN #	Description	Forecast		Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
6441	TRTP Segment 10	1,965	-	1,965
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 and 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	1,965	-	1,965
Total		1,965	-	1,965
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	-	-	-
Total		-	-	-
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity

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PIN #	Description	Forecast		Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
6442	TRTP Segment 11	4,101	-	4,101
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	266	-	266
2	Engineering and Design	6	-	6
3	Regulatory, Licensing, and Legal Costs	76	-	76
Total		348	-	348
Construction				
1	Electrical Construction	1,272	-	1,272
2	Construction Management Services	-	-	-
Total		1,272	-	1,272
Environmental				
1	Environmental	2,396	-	2,396
Total		2,396	-	2,396
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	85	-	85
Total		85	-	85
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity
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PIN #	Description	Forecast		Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
6929	Red Bluff Substation	5	-	5
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	5	-	5
2	Engineering and Design	-	-	-
3	Regulatory and Licensing	-	-	-
Total		5	-	5
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)	-	-	-
Total		-	-	-
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity

(\$000)

PIN #	Description	Forecast		Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
7076/ 7061	Colorado River Substation Expansion	22	-	22
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	32	-	32
2	Engineering and Design	-	-	-
3	Regulatory and Licensing	-	-	-
Total		32	-	32
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)	(295)	-	(295)
6	Civil Materials and Misc Hardware	-	-	-
Total		(295)	-	(295)
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	200	-	200
3	Construction Management Services	-	-	-
Total		200	-	200
Environmental				
1	Environmental	-	-	-
Total		-	-	-
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	85	-	85
Total		85	-	85
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity

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PIN #	Description	Forecast		Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
7695/ 7650	Whirlwind Substation Expansion	6,129	-	6,129
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	455	-	455
2	Engineering and Design	32	-	32
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		487	-	487
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)	2,182	-	2,182
6	Civil Materials and Misc Hardware	-	-	-
Total		2,182	-	2,182
Construction				
1	Civil and Structural Construction	80	-	80
2	Electrical Construction	1,869	-	1,869
3	Construction Management Services	426	-	426
Total		2,375	-	2,375
Environmental				
1	Environmental	-	-	-
Total		-	-	-
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	1,085	-	1,085
Total		1,085	-	1,085
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
6902	Calcite 220/66 kV Substation (formerly Jasper, part of South of Kramer)	550	2,900	3,450
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	168	1,210	1,378
2	Engineering and Design	50	500	550
3	Regulatory and Licensing	10	600	610
Total		228	2,310	2,538
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	251	211	461
Total		251	211	461
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	72	379	451
Total		72	379	451
Contingency				
1		-	-	-
Total		-	-	-

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PIN #	Description	Forecast	Forecast	Total
		1/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	
6420	West of Devers Upgrade Project	37,761	239,814	277,575
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	5,665	10,600	16,265
2	Engineering and Design	650	1,800	2,450
3	Regulatory and Licensing	96	55	151
Total		6,411	12,455	18,866
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	58,000	58,000
2	Conductor and Conductor Hardware	-	25,000	25,000
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)	6,280	-	6,280
6	Civil Materials and Misc Hardware	-	-	-
Total		6,280	83,000	83,000
Construction				
1	Civil and Structural Construction	9,000	88,789	97,789
2	Electrical Construction	-	3,065	3,065
3	Construction Management Services	-	-	-
Total		9,000	91,854	100,854
Environmental				
1	Environmental	4,761	25,100	29,861
Total		4,761	25,100	29,861
Real Properties				
1	Real Properties Acquisitions	8,223	6,344	14,567
Total		8,223	6,344	14,567
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	3,086	21,061	24,147
Total		3,086	21,061	24,147
Contingency				
1	Contingency	-	-	-
Total		-	-	-