

Forecast CWIP Expenditures by PIN and Activity

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PIN #	Description	Forecast		Total
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
5472	TRTP Segment 5	0	-	0
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	0	-	0
Total		0	-	0
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	Forecast	Total
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
5243	TRTP Segment 6	642	-	642
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	(21)	-	(21)
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		(21)	-	(21)
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	663	-	663
Total		663	-	663
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
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
6438	TRTP Segment 7	3	-	3
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		-	-
2	Electrical Construction	-		-
3	Construction Management Services	-	-	-
Total		-	-	-
Environmental				
1	Environmental	3	-	3
Total		3	-	3
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
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
6439	TRTP Segment 8	5	-	5
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	0	-	0
2	Engineering and Design	0	-	0
3	Regulatory, Licensing, and Legal Costs	1	-	1
Total		2	-	2
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	0	-	0
Total		0	-	0
Environmental				
1	Environmental	3	-	3
Total		3	-	3
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
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
7553	TRTP 500kV Underground	36	-	36
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)		-	-
2	Engineering and Design		-	-
3	Regulatory, Licensing, and Legal Costs	1	-	1
Total		1	-	1
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	24	-	24
Total		24	-	24
Real Properties				
1	Real Properties Acquisitions	11	-	11
Total		11	-	11
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	Forecast	Total
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
6442	TRTP Segment 11	368	-	368
	Project Support			
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	(14)	-	(14)
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
	Total	(14)	-	(14)
	Construction			
1	Electrical Construction	-	-	-
2	Construction Management Services	-	-	-
	Total	-	-	-
	Environmental			
1	Environmental	381	-	381
	Total	381	-	381
	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	Forecast	Total
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
8169	Colorado River Second AA Bank	5,041	4,440	9,480
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	503	435	937
2	Engineering and Design	225	500	725
3	Regulatory and Licensing	-	-	-
Total		728	935	1,662
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)	3,113	2,440	5,553
6	Civil Materials and Misc Hardware	-	-	-
Total		3,113	2,440	5,553
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)	1,200	1,065	2,265
Total		1,200	1,065	2,265
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
7650	Whirlwind Substation Expansion	(2)	-	(2)
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	-	-	-
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)	(2)	-	(2)
Total		(2)	-	(2)
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast		Total
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
6902	Calcite 220 kV Substation (formerly Jasper, part of South of Kramer)	20	-	20
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	11		11
2	Engineering and Design			-
3	Regulatory and Licensing	-	-	-
Total		11	-	11
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	3	-	3
Total		3	-	3
Environmental				
1	Environmental	0	-	0
Total		0	-	0
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	6		6
Total		6	-	6
Contingency				
1		-	-	-
Total		-	-	-

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PIN #	Description	Forecast	Forecast	Total
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
6420	West of Devers Upgrade Project	154,024	55,664	209,688
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	5,545	5,545	11,090
2	Engineering and Design	364	364	728
3	Regulatory and Licensing	-	-	-
Total		5,909	5,909	11,818
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	-	-
2	Conductor	1,482	-	1,482
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	348	-	348
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	-	-
6	Civil Materials and Misc Hardware (Rebar and concrete)	432	58	490
Total		2,262	58	2,320
Construction				
1	Civil and Structural Construction	81,627	25,603	107,230
2	Electrical Construction	1,858	771	2,629
3	Construction Management Services	25,304	7,937	33,241
Total		108,790	34,311	143,100
Environmental				
1	Environmental	20,789	9,417	30,206
Total		20,789	9,417	30,206
Real Properties				
1	Real Properties Acquisitions	2,272	909	3,181
Total		2,272	909	3,181
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	14,002	5,060	19,063
Total		14,002	5,060	19,063
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast	Forecast	Total
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
7546	Eldorado-Lugo-Mohave Series Capacitor Upgrade	35,014	45,589	80,603
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	793	494	1,287
2	Engineering and Design	2,436	2,590	5,026
3	Regulatory and Licensing	1,368	-	1,368
Total		4,597	3,084	7,681
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	163	4,638	4,801
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)	3,097	588	3,685
6	Civil Materials and Misc Hardware	-	-	-
Total		3,260	5,226	4,801
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	14,223	21,876	36,099
3	Construction Management Services	647	1,104	1,751
Total		14,870	22,980	37,850
Environmental				
1	Environmental	6,305	8,542	14,847
Total		6,305	8,542	14,847
Real Properties				
1	Real Properties Acquisitions	1,737	419	2,156
Total		1,737	419	2,156
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	4,245	5,338	9,583
Total		4,245	5,338	9,583
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast	Forecast	Total
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
6092	Alberhill	679	943	1,623
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	421	585	1,006
2	Engineering and Design	-	-	-
3	Regulatory and Licensing	61	85	146
Total		482	670	1,152
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	109	151	260
Total		109	151	260
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	88	123	211
Total		88	123	211
Contingency				
1	Contingency	-	-	-
Total		-	-	-

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PIN #	Description	Forecast	Forecast	Total
		1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
7555	Mesa	108,220	72,833	181,053
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	1,493	1,356	2,849
2	Engineering and Design	5,118	1,958	7,076
3	Regulatory and Licensing	-	-	-
Total		6,611	3,314	9,925
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	8,724	-	8,724
2	Conductor and Conductor Hardware	1,064	-	1,064
3	Transformers	11,235	-	11,235
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	67	-	67
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	13,118	2,847	15,965
6	Civil Materials and Misc Hardware	5,852	1,291	7,143
Total		40,061	4,138	44,198
Construction				
1	Civil and Structural Construction	5,372	8,201	13,573
2	Electrical Construction	33,438	39,668	73,106
3	Construction Management Services	3,921	3,780	7,701
Total		42,731	51,649	94,380
Environmental				
1	Environmental	5,518	7,202	12,720
Total		5,518	7,202	12,720
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	13,299	6,531	19,829
Total		13,299	6,531	19,829
Contingency				
1	Contingency	-	-	-
Total		-	-	-