

California ISO
Active Projects as of June 2020

Capital ID #	Year Approved	Project Description	Approved Budget	Forecast Cost	Project Cost to Date	% Completed to Budget	Issued Contracts Unbilled	Unencumbered Project Budget Remaining
Capital Projects								
12215	2015	Logging System Replacement	\$ 300,841	\$ 300,841	\$ 38,003	13%		\$ 262,838
12239	2018	ADS Replacement Project	\$ 775,509	\$ 775,509	\$ 654,293	84%	\$ 17,163	\$ 104,053
12245	2019	Settlements Replacements	\$ 2,013,055	\$ 2,013,055	\$ 52,700	3%		\$ 1,960,355
12246	2019	EMS SP7 Enhancements	\$ 762,000	\$ 762,000	\$ 31,487	4%	\$ 31,487	\$ 699,026
12247	2020	Excess Behind the Meter Production	\$ 151,702	\$ 151,702	\$ 51,709	34%		\$ 99,993
12248	2020	Market Settlement Timeline Transformation	\$ 207,147	\$ 207,147	\$ 55,986	27%	\$ 61,820	\$ 89,341
12249	2020	Market Software Performance & Robustness Improvements	\$ 400,000	\$ 400,000	\$ 273,666	68%	\$ 126,334	\$ -
12250	2020	MSAA Phase 2A	\$ 240,089	\$ 240,089	\$ -	0%	\$ 238,697	\$ 1,392
12251	2020	RC Enhancements 2020	\$ 961,425	\$ 961,425	\$ -	0%		\$ 961,425
12252	2020	Credit Tracking System-Upgrade	\$ 164,650	\$ 164,650	\$ -	0%		\$ 164,650
12416	2018	Generator Contingency & RAS Modeling	\$ 821,801	\$ 821,801	\$ 744,459	91%	\$ 36,699	\$ 40,642
12422	2018/2019	Commitment Costs & Default Energy Bid	\$ 2,353,252	\$ 2,353,252	\$ 782,353	33%	\$ 18,220	\$ 1,552,678
12424	2018	Load Forecasting Imp. For LDF	\$ 230,896	\$ 230,896	\$ 114,955	50%	\$ -	\$ 115,941
12435	2019	Energy Storage & Distribution Energy Resources Phase 3B	\$ 344,285	\$ 344,285	\$ 169,921	49%	\$ 1,782	\$ 172,581
12437	2020	Dispatch Operating Target Tariff Clarification	\$ 138,916	\$ 138,916	\$ 40,325	29%	\$ 40,954	\$ 57,637
12438	2019	Operations Training System	\$ 763,595	\$ 763,595	\$ 446,902	59%	\$ 316,693	\$ -
12439	2020	Day Ahead Nodal Pricing Model	\$ 1,031,617	\$ 1,031,617	\$ 20,470	2%		\$ 1,011,147
12440	2020	Topology State Estimator	\$ 854,467	\$ 854,467	\$ 130,305	15%	\$ 724,162	\$ -
12441	2020	Day Ahead Reliability Tool (DART)	\$ 874,109	\$ 874,109	\$ 410,722	47%	\$ 364,522	\$ 98,865
12442	2020	AIM Enhancements	\$ 52,977	\$ 52,977	\$ 17,430	33%		\$ 35,547
12443	2020	Operation System Improvement 2020	\$ 100,000	\$ 100,000	\$ 64,404	64%	\$ 15,750	\$ 19,846
12445	2020	Technology System Improvement 2020	\$ 50,000	\$ 50,000	\$ -	0%		\$ 50,000
12446	2020	Intertie Deviation Settlement	\$ 223,563	\$ 223,563	\$ 26,985	12%	\$ 15,442	\$ 181,136
12447	2020	EIM Enhancements 2020	\$ 433,101	\$ 433,101	\$ 83,035	19%	\$ 163,500	\$ 186,566
12448	2020	FERC 841 Requested Adjustments	\$ 36,665	\$ 36,665	\$ 13,830	38%	\$ -	\$ 22,835
12449	2020	Outage Optimization Phase 2	\$ 303,225	\$ 303,225	\$ 6,550	2%		\$ 296,675
12450	2020	Slow Demand Response	\$ 182,847	\$ 182,847	\$ 19,215	11%	\$ 83,886	\$ 79,746
12451	2020	Aliso Canyon Phase 5	\$ 144,338	\$ 144,338	\$ -	0%	\$ 117,281	\$ 27,057
12452	2020	CCE Tariff Clarification	\$ 23,160	\$ 23,160	\$ -	0%		\$ 23,160
12453	2020	FRP Improv. Buffer & Min	\$ 165,030	\$ 165,030	\$ -	0%		\$ 165,030
12512	2020	Facilities Replacement Reserve	\$ 5,542,877	\$ 5,542,877	\$ -	0%		\$ 5,542,877
12515	2018	RIMS Enhancement	\$ 604,872	\$ 604,872	\$ 416,455	69%		\$ 188,417
12519	2020	2020 Campus Operation Funding	\$ 551,182	\$ 551,182	\$ 165,308	30%	\$ 193,210	\$ 192,664
12625	2013	IOOC Equipment Purchase	\$ 283,000	\$ 283,000	\$ 113,739	40%		\$ 169,261

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12651 /12652	2020	2020 Hardware & Software Purchases	\$ 3,000,000	\$ 3,000,000	\$ -	0%	\$ 1,279,967	\$ 1,720,033
34		Total Capital Projects	\$ 25,086,191	\$ 25,086,191	\$ 4,945,208	20%	\$ 3,847,570	\$ 16,293,413

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Requirements and Other Projects								
21114	2020	2020 Initialization	\$ 15,917	\$ 15,917	\$ -	0%		\$ 15,917
21301	2016	MQS Redesign	\$ 35,000	\$ 35,000	\$ 33,825	97%		\$ 1,175
21336	2017	Operations Training Environment Improve. /EMS	\$ 32,000	\$ 32,000	\$ 15,149	47%		\$ 16,851
21356	2018	Full Dynamic Transfer	\$ 39,679	\$ 39,679	\$ 39,679	100%		\$ -
21373	2019	WebSDK & Application Stack Upgrade	\$ 404,107	\$ 488,372	\$ 419,515	104%	\$ 44,391	\$ (59,799)
21379	2019	MasterFile to SOA Phase 2	\$ 796,498	\$ 796,498	\$ 78,339	10%	\$ 70,604	\$ 647,555
21386	2020	Contingency Modeling Enhancement Transmission	\$ 25,300	\$ 25,300	\$ 18,055	71%		\$ 7,245
21387	2020	Price Corrections	\$ 26,000	\$ 26,000	\$ 15,695	60%		\$ 10,305
21391	2020	IT Applications Robustness Enhancements	\$ 7,500	\$ 7,500	\$ 7,333	98%		\$ 168
21403	2020	OSI 2020 Non Capital	\$ 1,150,000	\$ 1,150,000	\$ 287,180	25%	\$ 572,228	\$ 290,592
21407	2020	Generation Deliverability Assessment	\$ 35,000	\$ 35,000	\$ 29,085	83%		\$ 5,915
21410	2020	SC Certification Training CBT	\$ 350,000	\$ 350,000	\$ 3,611	1%		\$ 346,389
21411	2020	Technology System Improvement	\$ 600,000	\$ 600,000	\$ 190,747	32%	\$ 240,497	\$ 168,756
21413	2020	RIMS Enhancements Phase 2	\$ 23,100	\$ 23,100	\$ 20,869	90%		\$ 2,231
21416	2020	CAISO Website Replacement	\$ 36,682	\$ 36,682	\$ 10,530	29%		\$ 26,152
21419	2020	System Market Power Mitigation	\$ 10,500	\$ 10,500	\$ 10,500	100%		\$ -
21420	2020	Hybrid Resources Phase 1	\$ 26,195	\$ 26,195	\$ 26,195	100%		\$ -
21421	2020	CRR System Replacement	\$ 35,000	\$ 35,000	\$ 28,000	80%		\$ 7,000
21422	2020	Casewise Replacement	\$ 47,040	\$ 47,040	\$ 26,926	57%		\$ 20,115
21423	2020	Tie Non-Generating Resources	\$ 77,056	\$ 77,056	\$ -	0%	\$ 77,056	\$ -
21424	2020	CCE Tariff Clarification	\$ 25,974	\$ 25,974	\$ 11,206	43%		\$ 14,768
21425	2020	Pseudo-Ties of Shared Resources	\$ 3,750	\$ 3,750	\$ 3,750	100%		\$ -
21426	2020	FRP Improvement Deliverability	\$ 5,460	\$ 5,460	\$ 1,092	20%		\$ 4,368
21427	2020	FRP Requirements Enhancements	\$ 5,460	\$ 5,460	\$ 1,820	33%		\$ 3,640
21429	2020	Oracle 19c Upgrade	\$ 163,882	\$ 163,882	\$ -	0%		\$ 163,882
21430	2020	Application Upgrade 2.0	\$ 157,992	\$ 157,992	\$ -	0%		\$ 157,992
26		Total Requirements & Other Projects	\$ 4,135,091	\$ 4,219,356	\$ 1,279,100	31%	\$ 1,004,776	\$ 1,851,215
60		Grand Total Projects	\$ 29,221,282	\$ 29,305,547	\$ 6,224,308	21%	\$ 4,852,346	\$ 18,144,628