

## **APPENDIX E: 2013 Request Window Submittals**

Table E-1: 2013 Request Window Submittals

Ref. #	Project Name	Service Area	Submitted by	In-Service Date	Cost
1	2nd San Marcos – Escondido 69kV Circuit	SDG&E	SDG&E	Jun-2015	\$18-22M
2	400 MW HVDC VSC submarine cable from Newark 230 kV substation to Hunters Point 115 kV substation	PG&E	Trans Bay Cable, LLC	May-2018	\$400-450M
3	Add 3rd Suncrest 230 kV Circuit; Expand Los Coches Substation to 230 kV	SDG&E	SDG&E	Jun-2018	\$210-262M
4	Aera Energy Cat Canyon - Load Interconnection	PG&E	PG&E	Jan-2017	\$12 million
5	BART Berryessa Extension Project	PG&E	PG&E	2014	\$9.1 million
6	Berry Petroleum Company – 21Z & Fairfield	PG&E	PG&E	2014	Cost to interconnect: \$954,000 Cost of upgrades \$16-24 million
7	California Dept. of Corrections and Rehabilitation Stockton Correctional and Medical Facility	PG&E	PG&E	Apr-2014	Cost to interconnect: \$7 million Cost of upgrades \$3-5 million

Ref. #	Project Name	Service Area	Submitted by	In-Service Date	Cost
8	CalPeak Power Border Unit 1 Synchronous Condenser Retrofit	SDG&E	CalPeak Power, LLC	May-2014	\$300K-\$500K
9	CalPeak Power Enterprise Unit 1 Synchronous Condenser Retrofit	SDG&E	CalPeak Power, LLC	May-2014	\$300K-\$500K
10	CalPeak Power Panoche Unit 1 Synchronous Condenser Retrofit	PG&E	CalPeak Power, LLC	May-2014	\$300K - \$500K
11	CalPeak Power Vaca Dixon Unit 1 Synchronous Condenser Retrofit	PG&E	CalPeak Power, LLC	May-2014	\$300K-\$500K
12	CFE-CAISO Intertie	SCE & SDG&E	Hunt Transmission Services, LLC	Sept-2020 or Sept-2021	\$912K -\$1.4 M
13	Coachella Energy Storage Multi-Site ESD CES – Clarksville CES – Lockeford CES – Weber	PG&E	Coachella Energy Storage Partners LLC	Jun-2016	Clarksville-\$100.5M Lockeford-\$75.4M Weber-\$62.8M
14	CT Upgrade at Mead-Pahrump 230 kV Terminal	VEA	VEA	2014	\$100k
15	E&B Natural Resources Group	PG&E	PG&E	Nov-2013	\$2-3 million
16	Ellis Corridor Upgrade	SCE	SCE	Jun-2015	\$26M

Ref. #	Project Name	Service Area	Submitted by	In-Service Date	Cost
17	Estrella Substation Project	PG&E	PG&E	May-2019	\$40-50M*
18	Gill Ranch 115 kV Tap	PG&E	PG&E	Jun-2013	\$6-12M
19	Glenn 230/60 kV Transformer No. 1 Replacement	PG&E	PG&E	2018	\$5-10M
20	Hoober-SONGS HVDC Inter-tie	SCE & SDG&E	Imperial Irrigation District's	Jun-2019	\$1.5B
21	Humboldt-Cottonwood 115 kV Line	PG&E	PG&E	May-2021	\$250-350M
22	Imperial Valley – Colorado River 1,000 MW HVDC Full Bridge VSC Overhead Line	SCE & SDG&E	Trans Bay Cable, LLC	Apr-2020	\$920M - \$1.0B
23	Imperial Valley Flow Control Device	SCE & SDG&E	SDG&E	Jun-2016	\$55-68M*
24	Inland Valley Powerlink (Alternatives 1A & 1B) Valley Inland Powerlink (Alternatives 2A & 2B)	SCE & SDG&E	SDG&E	Jun-2022	\$3.1-3.8B \$4.7-5.7B
25	Install Synchronous Condensers at Mission 230 kV Substation	SDG&E	SDG&E	Jun-2018	\$66-83M

Ref. #	Project Name	Service Area	Submitted by	In-Service Date	Cost
26	Install Synchronous Condensers at Sycamore 230 kV Substation	SDG&E	SDG&E	Jun-2018	\$60-75M
27	Kearney-Kerman 70 kV Line Re-conductor	PG&E	PG&E	May-2018	\$12-18M
28	Lake Elsinore Advanced Pumped Storage	SCE & SDG&E	Nevada Hydro Company	Dec-2018	\$896M
29	Laytonville 60 kV Circuit Breaker Installation Project	PG&E	PG&E	Dec-2015	\$5-10M
30	McCall-Reedley #2 115 kV Line	PG&E	PG&E	May-2019	\$25-40M
31	Mesa 500 kV Loop-In	SCE	SCE	Dec-2020	\$550-700M*
32	Midway-Kern PP #2 230 kV Line	PG&E	PG&E	May-2019	\$60-90M
33	Morgan Hill Area Reinforcement	PG&E	PG&E	2021	\$35-45M
34	Mosher Transmission Project	PG&E	PG&E	2017	\$10-15M
35	Nevada West Connect Transmission Project - (Fish Lake Valley Transmission Project)	VEA	VEA	Nov-2018	\$500M
36	New TL69XX San Luis Rey – Monserate 69kV Line	SDG&E	SDG&E	Jun-2017	\$35-40M

Ref. #	Project Name	Service Area	Submitted by	In-Service Date	Cost
37	North Gila - Imperial Valley #2 Project	SDG&E	Southwest Transmission Partners, LLC	May-2018	\$295 million
38	Paramount Farms Madera – Pistachio Plant	PG&E	PG&E	Jun-2014	Cost to interconnect: \$1-2 million Cost of to serve load \$5-10 million
39	POM Wonderful – Load Interconnection	PG&E	PG&E	Jun-2015	\$2-3 million
40	Poway Load Pocket Solution	SDG&E	SDG&E	Jun-2016	\$74-92M \$24.8-31M
41	Reconductor TL690E	SDG&E	SDG&E	Jun-2015	\$12-14M
42	Reedley 115/70 kV Transformer Capacity Increase	PG&E	PG&E	Phase 1 – May-2015 Phase 2 – May-2018	\$12-18M
43	Removal of Rose Canyon Tap	SDG&E	SDG&E	Jun-2018	\$3.2-4M
44	San Bernard-Tejon 70 kV Line Reconductor	PG&E	PG&E	May-2018	\$8-12M
45	San Onofre DC Transmission Project	SCE & SDG&E	Pattern Power Development Company, LLC	Jun-2018	\$800M- \$1.0B
46	Sanger-Reedley 115 kV Tap	PG&E	PG&E	Jun-2015	\$2-3M
47	SCE LCR Scenarios 1-7	SCE	SCE	Prior to the end of 2020	N/A

Ref. #	Project Name	Service Area	Submitted by	In-Service Date	Cost
48	SONGS – Silvergate 600 MW HVDC VSC Submarine Cable	SCE & SDG&E	Trans Bay Cable, LLC	Jun-2018	\$600-650M
49	Southern California Clean Energy Transmission Project (SoCal-CETP)	SCE & SDG&E	SoCal-CETP Holdings, LLC	Dec-2019	\$2.83B
50	Sutter Home Winery – Electric Load Increase	PG&E	PG&E	Mid to late 2014	\$1-2 million
51	Taft-Maricopa 70 kV Line Re-conductor	PG&E	PG&E	May-2018	\$6-10M
52	Talega-Escondido/Valley-Serrano 500 kV Interconnect Project	SCE & SDG&E	Nevada Hydro Company	Oct-2016	\$763M – 1B
53	TL605 Reconductor	SDG&E	SDG&E	Jun-2017	\$9-11M
54	TL623C_TL649D Reconductor	SDG&E	SDG&E	Jun-2023	\$12-15M
55	TL698A Reconductor & Capacitor Installation	SDG&E	SDG&E	Jun-2015	\$13-16M
56	Victor Loop-In	SCE	SCE	2015	\$12M
57	Weber-French Camp 60 kV Line Reconfiguration	PG&E	PG&E	2016	\$7-8.4M
58	Western Grid Development Storage Projects	PG&E	Western Grid Development, LLC	Jun-2016	Not provided

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59	Wheeler Ridge Junction Station	PG&E	PG&E	May-2020	\$90-140M
60	Wheeler Ridge-Weedpatch 70 kV Line Reconductor	PG&E	PG&E	May-2018	\$15-25M

\*Note: These costs reflect what was submitted in the request window form. The costs for the projects recommended for approval have been subsequently revised.