

APPENDIX F: 2012 Request Window Submittals

Table F-1: 2012 Request Window Submittals

Ref. #	Project Name	Service Area	Submitted by	In-Service Date	Cost
1	Lockeford-Lodi Area 230 kV Development	Central Valley Area	City of Lodi, Electric Utility Department	5/31/2017	\$80-105M
2	Palo Alto - SLAC Reliability Improvement Project	Greater Bay Area	City of Palo Alto	5/31/2016	\$40M
3	Southwest Intertie Project (SWIP) Phase 2	Interregional	Great Basin Transmission, LLC	6/1/2015	\$800M
4	Carlsbad Energy Center Project ("CECP")	San Diego Area	NRG Energy, Inc.	11/1/2014	\$600M
5	Carlsbad Energy Center Project with Alternative Interconnection Point ("CECPA")	San Diego Area	NRG Energy, Inc.	7/1/2016	\$600M
6	Almaden 60 kV Shunt Capacitor	Greater Bay Area	PG&E	5/31/2015	\$5-10M
7	Amazon A100 Data Center – Load Interconnection	Greater Bay Area	PG&E	4/1/2013	\$2.5-3.5M
8	Ames-Palo Alto 115 kV Line	Greater Bay Area	PG&E	5/31/2016	\$10-20M
9	Arco # 230/70 kV Transformer	Greater Fresno Area	PG&E	12/31/2013	\$15-19M
10	Central California Transmission--Greater Fresno Area Upgrade Project	Greater Fresno Area	PG&E	5/30/2020	\$400-500M

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11	Christie 115/60 kV Transformer No. 2	Greater Bay Area	PG&E	12/31/2014	\$12-17M
12	Contra Costa Sub 230 kV Switch Replacement	Greater Bay Area	PG&E	5/31/2015	< \$1M
13	Cressey - Gallo 115 kV Line	Greater Fresno Area	PG&E	12/31/2013	\$15-20M
14	Diablo Canyon Voltage Support Project	Kern Area	PG&E	5/31/2016	\$35-45M
15	Gregg-Herndon #2 230 kV Line Circuit Breaker Upgrade	Greater Fresno Area	PG&E	5/31/2015	\$1-2M
16	Kasson SPS	Central Valley Area	PG&E	5/31/2015	\$1-3M
17	Kearney #2 230/70 kV Transformer	Greater Fresno Area	PG&E	12/31/2015	\$32-37M
18	Kearney-Caruthers 70 kV Line Reconductor	Greater Fresno Area	PG&E	5/31/2016	\$13-20M
19	Kearney-Kerman 70 kV Line Re-conductor	Greater Fresno Area	PG&E	5/31/2016	\$12-18M
20	Lockheed No.1 115 kV Tap Reconductor	Greater Bay Area	PG&E	5/31/2016	\$2-3M
21	Los Banos-Livingston Jct- Canal 70 kV Switch Replacement	Greater Fresno Area	PG&E	5/31/2015	\$0.5-1M
22	Los Esteros-Montague 115 kV Substation Equipment Upgrade	Greater Bay Area	PG&E	5/31/2016	\$0.5-1M

Ref. #	Project Name	Service Area	Submitted by	In-Service Date	Cost
23	Midway-Mesa 230 kV Line	Central Coast and Los Padres	PG&E	5/31/2019	\$90-120M
24	Midway-Temblor 115 kV Line Reconductor and Voltage support	Central Valley Area	PG&E	5/31/2018	\$25-35M
25	Midway-Wheeler Ridge 230 kV Capacity Increase	Central Valley Area	PG&E	Phase 1 5/1/2015 Phase 2 5/1/2018	Phase 1 \$5-8M Phase 2 \$80-120M
26	Monta Vista 230 kV Bus Upgrade	Greater Bay Area	PG&E	5/31/2016	\$10-15M
27	Monta Vista-Wolfe 115 kV Substation Equipment Upgrade Project	Greater Bay Area	PG&E	5/13/2015	\$0.5-1M
28	Moraga-Potrero 230 kV Line	Greater Bay Area	PG&E	5/31/2020	\$450-550M
29	Mosher Transmission Project	Central Valley Area	PG&E	5/31/2015	\$11-15M
30	Newark-Applied Materials 115 kV Substation Equipment Upgrade Project	Greater Bay Area	PG&E	5/31/2016	\$0.5-1M
31	Northern Fresno 115 kV Reinforcement	Greater Fresno Area	PG&E	5/1/2018	\$110-190M
32	NRS-Scott No. 1 115 kV Line Reconductor	Greater Bay Area	PG&E	5/31/2016	\$2-4M
33	Pease 115/60 kV Transformer Addition and Bus Upgrade	Central Valley Area	PG&E	5/31/2016	\$25-35M

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34	Placer 115/60 kV Transformer Replacement and SPS	Central Valley Area	PG&E	5/31/2017	\$55-85M
35	Potrero 115 kV Bus Upgrade	Greater Bay Area	PG&E	5/31/2017	\$10-15M
36	Ripon 115 kV Line	Central Valley Area	PG&E	5/31/2015	\$10-15M
37	Salado 115/60 kV Transformer Addition	Central Valley Area	PG&E	12/31/2014	\$15-20M
38	Stone 115 kV Back-tie Reconductor	Greater Bay Area	PG&E	5/31/2016	\$3-6M
39	Valley Springs No. 1 60 kV Line Reconductoring	Central Valley Area	PG&E	5/31/2016	\$7-12M
40	Windsor Substation Interconnection Project	North Coast/North Bay	PG&E	5/29/2015	\$3-6M
41	Barre - Ellis 230kV Reconfiguration	SCE Area	SCE	6/1/2014	\$20-50M
42	Johanna & Santiago 230kV Capacitor Banks	SCE Area	SCE	7/1/2013	\$10-25M
43	Orange County Static VAR Compensator	SCE Area	SCE	6/1/2014	\$50-75M
44	Viejo 230kV Capacitor Banks	SCE Area	SCE	7/1/2013	\$10-25M
45	Expand Los Coches Substation to 230 kV	San Diego Area	SDG&E	6/1/2017	\$80-120M

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46	Install Synchronous Condensers at Mission 230kV Substation	San Diego Area	SDG&E	6/1/2017	\$58-72M
47	Install Synchronous Condensers at Penasquitos 230kV Substation as an alternate to the proposed project for the Sycamore site	San Diego Area	SDG&E	6/1/2017	\$56-70M
48	Install Synchronous Condensers at Sycamore 230kV Substation	San Diego Area	SDG&E	6/1/2015	\$56-70M
49	Install Synchronous Condensers at Talega 230kV Substation (preferred location is San Luis Rey if feasible)	San Diego Area	SDG&E	6/1/2018	\$58-72M
50	Metro Area 69 kV Rebuild	San Diego Area	SDG&E	Step 1-4 6/1/2017, Step 5 6/1/2022	\$25-33M
51	New TL69XX San Luis Rey – Monserate 69kV Line	San Diego Area	SDG&E	6/1/2014	\$35-40M
52	Sweetwater Reliability Enhancement	San Diego Area	SDG&E	6/1/2017	\$10-12M
53	TL13820, Sycamore-Chicarita Reconductor	San Diego Area	SDG&E	6/1/2014	\$0.5-1M
54	TL230XX, Sycamore – Penasquitos 230kV Line	San Diego Area	SDG&E	6/1/2017	\$111-221M
55	TL600B Clairemont - Clairemont Tap Reconductor	San Diego Area	SDG&E	6/1/2022	\$2-3M

Ref. #	Project Name	Service Area	Submitted by	In-Service Date	Cost
56	TL632A Granite-Granite Tap: Loop-in to Granite Sub	San Diego Area	SDG&E	6/1/2015	\$19-24M
57	TL662 PQ-TP Terminal Equipment upgrade	San Diego Area	SDG&E	6/1/2020	\$1M
58	TL674A Loop-in (Del Mar - North City West) & Removal of TL666D (Del Mar 0 Del Mar Tap)	San Diego Area	SDG&E	6/1/2015	\$12-15M
59	TL6906 Penasquitos - Miramar: Loop-In to Mesa Rim	San Diego Area	SDG&E	6/1/2015	\$5-7M
60	TL6912, Pendleton – San Luis Rey Reconductor	San Diego Area	SDG&E	6/1/2014	\$15-20M
61	TL694A Morro Hill Tap - Melrose Reconductor	San Diego Area	SDG&E	6/1/2016	\$12-15M
62	230 kV Submarine Cable from San Mateo 230 kV Substation to Embarcadero 230 kV Substation	Greater Bay Area	Trans Bay Cable LLC	5/1/2017	\$140-150M
63	230 kV Submarine Cable from San Mateo to Potrero with a 230/115 kV Phase Shifting Transformer at TBC Potrero	Greater Bay Area	Trans Bay Cable LLC	5/1/2017	\$130-140M
64	Trans Bay Cable Dead Bus Energization Project	Greater Bay Area	Trans Bay Cable LLC	11/30/2014	\$20-30M
65	Gates - Gregg 230 kV Single Circuit on Double Circuit Towers	Greater Fresno Area	Trans Bay Cable LLC	6/1/2017	\$200M

Ref. #	Project Name	Service Area	Submitted by	In-Service Date	Cost
66	Huntington Beach – Bay Blvd (South Bay) 600 MW HVDC VSC Submarine Cable	SCE Area and San Diego Area	Trans Bay Cable LLC	6/1/2017	\$720-800M
67	Midway-Tesla 1,000 MW HVDC VSC cable/s	PG&E Area	Trans Bay Cable LLC	6/1/2018	\$1.1-1.2B
68	SONGS – Bay Blvd (South Bay) 600 MW HVDC VSC Submarine Cable	San Diego Area	Trans Bay Cable LLC	6/1/2017	\$600-650M