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State of California
California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
Administrative Information (issued 12/2016)



Name of Load Serving Entity ("LSE")	Southern California Edison
Name of Resource Planning Coordinator	

Persons who prepared Supply Forms	S-1 CRATS	S-2 Energy Balance	S-3 Small POU Hourly Loads	S-5 Bilateral Contracts	Application for Confidentiality
Name:	Eric Lavik	Eric Lavik		Jordan Cheng	Rebecca Meiers-De Pastino
Title:	Principal Manager, Modeling, Forecasting and Economic Analysis	Principal Manager, Modeling, Forecasting and Economic Analysis		Financial Analyst, Contract Compliance and Technical Services	Senior Attorney
E-mail:	eric.lavik@sce.com	eric.lavik@sce.com		jordan.cheng@sce.com	rebecca.meiers.depastino@sce.com
Telephone:	626-302-9658	626-302-9658		626-302-3347	626-302-6016
Address:	2244 Walnut Grove Ave.	2244 Walnut Grove Ave.		2244 Walnut Grove Ave.	2244 Walnut Grove Ave.
Address 2:					
City:	Rosemead	Rosemead		Rosemead	Rosemead
State:	CA	CA		CA	CA
Zip:	91770	91770		91770	91770
Date Completed:	4/28/2017	4/28/2017		4/28/2017	4/28/2017
Date Updated by LSE:					

Back-up / Additional Contact Persons for Questions about these Forms (Optional):					
Name:	Justin Boone	Magesh Srinivasan		Christina Ly	Marissa Blunschi
Title:	Strategic Planning Manager, Portfolio Reporting	Energy Market Specialist, Portfolio Reporting		Financial Analyst, Contract Compliance and Technical Services	Project Manager, Regulatory Affairs
E-mail:	justin.boone@sce.com	magesh.srinivasan@sce.com		christina.ly@sce.com	marissa.blunschi@sce.com
Telephone:	626-302-5576	626-302-3777		626-302-5919	626-302-4879
Address:	2244 Walnut Grove Ave.	2244 Walnut Grove Ave.		2244 Walnut Grove Ave.	2244 Walnut Grove Ave.
Address 2:					
City:	Rosemead	Rosemead		Rosemead	Rosemead
State:	CA	CA		CA	CA
Zip:	91770	91770		91770	91770

ELECTRICITY RESOURCE PLANNING FORMS

CEC Form S-1: Capacity Resource Accounting Table (issued 12/2016)



Southern California Edison

Where cell specifies more than one datum, separate data with a semicolon.

2018 MW numbers are illustrative.

Bold font cells sum automatically.

Yellow fill relates to an application for confidentiality.

Data input by User are in dark green font.

line	Capacity Resource Accounting Table (MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
	PEAK LOAD CALCULATIONS	(↓ Prior Forecasts ↓)	(Forecast Supply ⇌)										
1	Forecast Total Peak-Hour 1-in-2 Demand*	22,852					21,999	21,756	21,684	21,796	21,957	22,103	22,276
2a	ESP Demand: Existing Customer Contracts												
2b	ESP Demand: New and Renewed Contracts												
2c	ESP Demand in PG&E service area												
2d	ESP Demand in SCE service area												
2e	ESP Demand in SDG&E service area												
3	Additional Achievable Energy Efficiency (-)**	0	0	0	0	0	0	0	0	0	0	0	0
4	Demand Response / Interruptible Programs (-)***	0	0	0	0	0	0	0	0	0	0	0	0
5	Adjusted Demand: End-Use Customers	22,852					21,999	21,756	21,684	21,796	21,957	22,103	22,276
6	Coincidence Adjustment (-)												
7	Coincident Peak-Hour Demand	22,852					21,999	21,756	21,684	21,796	21,957	22,103	22,276
8	Required Planning Reserve Margin	3,428					3,300	3,263	3,253	3,269	3,294	3,315	3,341
9	Credit for Imports That Carry Reserves (-)												
10	Firm Sales Obligations												
11	Firm LSE Procurement Requirement	26,279					25,299	25,020	24,936	25,066	25,251	25,418	25,617
	CAPACITY SUPPLY RESOURCES												
12a	Total Fossil Fuel Supply	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202
12b	Gas, SCE Mountain View 3	485	485	485	485	485	485	485	485	485	485	485	485
12c	Gas, SCE Mountain View 4	485	485	485	485	485	485	485	485	485	485	485	485
12d	Gas, SCE Peaker Barre	47	47	47	47	47	47	47	47	47	47	47	47
12e	Gas, SCE Peaker Center	47	47	47	47	47	47	47	47	47	47	47	47
12f	Gas, SCE Peaker Grapeland	46	46	46	46	46	46	46	46	46	46	46	46
12g	Gas, SCE Peaker Miraloma	46	46	46	46	46	46	46	46	46	46	46	46
12h	Gas, SCE Peaker McGrath	47	47	47	47	47	47	47	47	47	47	47	47
13a	Total Nuclear Supply	623	623	623	623	623	623	623	623	623	623	623	623
13b	Nuclear, Palo Verde 1	208	208	208	208	208	208	208	208	208	208	208	208
13c	Nuclear, Palo Verde 2	208	208	208	208	208	208	208	208	208	208	208	208
13d	Nuclear, Palo Verde 3	208	208	208	208	208	208	208	208	208	208	208	208
14a	Total Hydroelectric Supply	1,109	1,120	1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104
14b	Total: Hydro Supply from Plants larger than 30 MW	1,023	1,026	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016
14c	Total: Hydro Supply from Plants 30 MW or less	86	94	88	88	88	88	88	88	88	88	88	88
15a	Total Utility-Controlled Renewable Supply	35	35	35	35	35	35	35	35	35	35	35	35
15b	Solar, SPVP	35	35	35	35	35	35	35	35	35	35	35	35
17a	Total Qualifying Facility (QF) Contract Supply	1,997	1,861	1,697	1,548	1,254	968	529	479	157	115	115	112
17b	Biofuels												
17c	Geothermal												
17d	Small Hydro												

line	Capacity Resource Accounting Table (MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
17e	Solar												
17f	Wind												
17g	Natural Gas												
17h	Other												
line	Capacity Resource Accounting Table (MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18a	Total Renewable Contract Supply	1,203	1,657										
18b	Renewable DG Supply												
18c	Biogas; MM Tajiguas Energy LLC												
18d	Biogas; Ventura Regional Sanitation District												
18e	Biogas; Riverside County Waste Management Dept.												
18f	Biogas; Republic Services of Sonoma County Energy Producers, Inc.												
18g	Biomass; Pacific Ultrapower Chinese Station												
18h	Biomass; Rio Bravo Rocklin												
18i	Biomass; Rio Bravo Fresno												
18j	Geothermal; Coso Clean Power, LLC												
18k	Geothermal; Terra-Gen Dixie Valley, LLC												
18l	Geothermal; Geysers Power Company, LLC												
18m	Geothermal; ORNI 18, LLC												
18n	Geothermal; Coso Clean Power, LLC												
18o	Geothermal; Coso Clean Power, LLC												
18p	Geothermal; Geysers Power Company, LLC												
18q	Geothermal; Geysers Power Company, LLC												
18r	Small Hydro; Bishop Tungsten Development, LLC												
18s	Small Hydro; California Water Service Company												
18t	Small Hydro; Isabella Fish Flow Hydroelec Proj LLC												
18u	Small Hydro; Monte Vista Water District												
18v	Small Hydro; Lower Tule River Irrigation District												
18w	Small Hydro; White Mountain Ranch, LLC												
18x	Small Hydro; Calleguas MWD - Conejos												
18y	Small Hydro; TKO Power, LLC (South Bear Creek)												
18z	Small Hydro; City of Santa Barbara												
18aa	Small Hydro; Goleta Water District												
18ab	Small Hydro; Desert Water Agency												
18ac	Small Hydro; Desert Water Agency (Snow Creek)												
18ad	Small Hydro; Calleguas MWD (Springville Hydro)												
18ae	Small Hydro; Calleguas Municipal Water District												
18af	Small Hydro; Walnut Valley Water District												
18ag	Small Hydro; Calleguas MWD - Unit 3 (Santa Rosa)												
18ah	Solar PV; NRG Solar Blythe LLC												
18ai	Solar Thermal; Solar Partners I, LLC												
18aj	Solar PV; Desert Sunlight 250, LLC												
18ak	Solar PV; Desert Stateline LLC												
18al	Solar PV; RE Rio Grande, LLC												
18am	Solar PV; RE Rosamond Two LLC												
18an	Solar PV; RE Victor Phelan Solar One LLC												
18ao	Solar PV; TA High Desert LLC												
18ap	Solar PV; Temescal Canyon RV, LLC												
18aq	Solar PV; CED Corcoran Solar 2, LLC												
18ar	Solar PV; Silver State Solar Power South, LLC												
18as	Solar PV; Regulus Solar, LLC												
18at	Solar PV; Adobe Solar, LLC												

line	Capacity Resource Accounting Table (MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18au	Solar PV; Golden Springs Develop Co., LLC (Bldg C)												
18av	Solar PV; Golden Springs Develop. Co, LLC (Bldg D)												
18aw	Solar PV; Industry Metrolink PV 1, LLC												
18ax	Solar PV; SS San Antonio West LLC												
18ay	Solar PV; SEPV1, LLC												
18az	Solar PV; SEPV2, LLC												
18ba	Solar PV; North Palm Springs Investments, LLC 5408												
18bb	Solar PV; North Palm Springs Investments, LLC 5411												
18bc	Solar PV; Solar Star California XIX, LLC												
18bd	Solar PV; Solar Star California XX, LLC												
18be	Solar PV; Solar Star California XIII, LLC												
18bf	Solar PV; One Miracle Property, LLC												
18bg	Solar PV; Powhatan Solar Power Generation Station												
18bh	Solar PV; Otoe Solar Power Generation Station												
18bi	Solar PV; Navajo Solar Power Generation Station 1												
18bj	Solar PV; FTS Master Tenant 1, LLC (LDFRB)												
18bk	Solar PV; Victor Dry Farm Ranch A LLC												
18bl	Solar PV; Victor Dry Farm Ranch B LLC												
18bm	Solar PV; Central Antelope Dry Ranch C, LLC												
18bn	Solar PV; North Lancaster Ranch, LLC												
18bo	Solar PV; Sierra Solar Greenworks, LLC												
18bp	Solar PV; American Solar Greenworks, LLC												
18bq	Solar PV; FTS Master Tenant 1, LLC (ESA)												
18br	Solar PV; FTS Master Tenant 1, LLC (ESB)												
18bs	Solar PV; Nicolis, LLC												
18bt	Solar PV; Garnet Solar Pwr Gen Station 1, LLC												
18bu	Solar PV; Tropico, LLC												
18bv	Solar PV; RE Columbia 3 LLC												
18bw	Solar PV; McCoy Solar, LLC												
18bx	Solar PV; Industry Solar Power Generation Station												
18by	Solar PV; Newberry Solar 1 LLC												
18bz	Solar PV; USDA Forest Service San Dimas Technology												
18ca	Solar PV; Little Rock - Pham Solar, LLC												
18cb	Solar PV; L-8 Solar Project, LLC												
18cc	Solar PV; Heliocentric, LLC												
18cd	Solar PV; Treen Solar 1, LLC												
18ce	Solar PV; Treen Solar 2, LLC												
18cf	Solar PV; Annie Power, LLC												
18cg	Solar PV; J Ram Solar 1, LLC												
18ch	Solar PV; J Ram Solar 2, LLC												
18ci	Solar PV; J Ram Solar 3, LLC												
18cj	Solar PV; Sandra Energy, LLC												
18ck	Solar PV; Dreamer Solar, LLC												
18cl	Solar PV; Drew Energy, LLC												
18cm	Solar PV; Voyager Solar 1, LLC												
18cn	Solar PV; Voyager Solar 2, LLC												
18co	Solar PV; Voyager Solar 3, LLC												
18cp	Solar PV; Becca Solar, LLC												
18cq	Solar PV; Toro Power 1, LLC												
18cr	Solar PV; Toro Power 2, LLC												
18cs	Solar PV; Radiance Solar 5 LLC												
18ct	Solar PV; Radiance Solar 4 LLC												

line	Capacity Resource Accounting Table (MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18cu	Solar PV; Highlander Solar 1												
18cv	Solar PV; Highlander Solar 2												
18cw	Solar PV; Summer Solar C2, LLC												
18cx	Solar PV; Summer Solar D2, LLC												
18cy	Solar PV; Summer Solar A2 LLC												
18cz	Solar PV; Summer Solar B2, LLC												
18da	Solar PV; FTS Master Tenant 1 LLC (Rodeo Solar C2)												
18db	Solar PV; FTS Master Tenant 1 LLC (Rodeo Solar D2)												
18dc	Solar PV; Expressway Solar C2, LLC												
18dd	Solar PV; Tulare PV I, LLC (Exeter 1)												
18de	Solar PV; Tulare PV I, LLC (Exeter 2)												
18df	Solar PV; Tulare PV I, LLC (Exeter 3)												
18dg	Solar PV; Tulare PV I, LLC (Lindsay 1)												
18dh	Solar PV; Tulare PV I, LLC (Lindsay 3)												
18di	Solar PV; Tulare PV I, LLC (Lindsay 4)												
18dj	Solar PV; Tulare PV I, LLC (Ivanhoe 1)												
18dk	Solar PV; Tulare PV I, LLC (Ivanhoe 2)												
18dl	Solar PV; Tulare PV I, LLC (Ivanhoe 3)												
18dm	Solar PV; Tulare PV I, LLC (Porterville 1)												
18dn	Solar PV; Tulare PV I, LLC (Porterville 2)												
18do	Solar PV; Tulare PV I, LLC (Porterville 5)												
18dp	Solar PV; Sequoia PV 1, LLC (Tulare 1)												
18dq	Solar PV; Sequoia PV 1, LLC (Tulare 2)												
18dr	Solar PV; Kettering 1												
18ds	Solar PV; Kettering 2												
18dt	Solar PV; Division 1												
18du	Solar PV; Division 2												
18dv	Solar PV; Division 3												
18dw	Solar PV; Diamond Valley Solar LLC												
18dx	Solar PV; Marinos Ventures LLC												
18dy	Solar PV; Sequoia PV 1 LLC (Farmersville 1)												
18dz	Solar PV; Sequoia PV 1 LLC (Farmersville 2)												
18da	Solar PV; Lone Valley Solar Park I, LLC												
18db	Solar PV; Lone Valley Solar Park II, LLC												
18dc	Solar PV; Soccer Center												
18dd	Solar PV; Orion Solar II, LLC												
18de	Solar PV; Coronal Lost Hills, LLC												
18df	Solar PV; Vega Solar, LLC												
18dg	Solar PV; FTS Master Tenant 2, LLC (SEPV18)												
18dh	Solar PV; RE Adams East LLC												
18di	Solar PV; Sequoia PV 1 LLC (Farmersville 3)												
18dj	Solar PV; Sequoia PV 3 LLC (Porterville 6)												
18dk	Solar PV; Sequoia PV 3 LLC (Porterville 7)												
18dl	Solar PV; SunE W12DG-C, LLC												
18dm	Solar PV; DG Solar Lessee, LLC												
18dn	Solar PV; California PV Energy, LLC												
18do	Solar PV; California PV Energy, LLC												
18dp	Solar PV; DG Solar Lessee, LLC (Duncan Rd North)												
18dq	Solar PV; DG Solar Lessee, LLC (Duncan Rd South)												
18dr	Solar PV; Victor Mesa Linda B2 LLC												
18ds	Solar PV; Victor Mesa Linda C2 LLC												
18dt	Solar PV; Victor Mesa Linda D2 LLC												

line	Capacity Resource Accounting Table (MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18du	Solar PV; Victor Mesa Linda E2 LLC												
18dv	Solar PV; Sequoia PV 2, LLC (Hanford 1)												
18dw	Solar PV; Sequoia PV 2, LLC (Hanford 2)												
18dx	Solar PV; CES DHS Solar, LLC (DHS Solar 1)												
18dy	Solar PV; CES DHS Solar, LLC (DHS Solar 2)												
18dz	Solar PV; DG Solar Lessee, LLC (White Rd N)												
18ea	Solar PV; DG Solar Lessee, LLC (White Rd C)												
18eb	Solar PV; Mitchell Solar, LLC												
18ec	Solar PV; Rudy Solar, LLC												
18ed	Solar PV; Madelyn Solar, LLC												
18ee	Solar PV; DG Solar Lessee, LLC (White Rd S)												
18ef	Solar PV; CF SBC Master Tenant One LLC (Adelanto1)												
18eg	Solar PV; CF SBC Master Tenant One LLC (Adelanto2)												
18eh	Solar PV; Venable Solar, LLC (North)												
18ei	Solar PV; Venable Solar, LLC (South)												
18ej	Solar PV; PsomasFMG Lancaster Solar CREST, LLC												
18ek	Solar PV; PsomasFMG Lancaster Solar CREST, LLC												
18el	Solar PV; Morgan Lancaster I, LLC												
18em	Solar PV; SEPV Palmdale East, LLC												
18en	Solar PV; Pumpjack Solar I, LLC												
18eo	Solar PV; Catalina Solar 2, LLC												
18ep	Solar PV; Citizen Solar B, LLC												
18eq	Solar PV; Wildwood Solar I, LLC												
18er	Solar PV; Adelanto Solar, LLC												
18es	Solar PV; 67RK 8 ME LLC												
18et	Solar PV; Lancaster Little Rock C LLC												
18eu	Solar PV; NRG Solar Oasis LLC												
18ev	Solar PV; CED Atwell Island West, LLC												
18ew	Solar PV; SEPV Mojave West, LLC												
18ex	Solar PV; ADERA SOLAR, LLC												
18ey	Solar PV; Kona Solar LLC												
18ez	Solar PV; Kona Solar LLC												
18fa	Solar PV; Kona Solar LLC												
18fb	Solar PV; Antelope Valley Solar												
18fc	Solar PV; SunE Solar XVI Lessor, LLC (Rochester)												
18fd	Solar PV; DG Solar Lessee II, LLC												
18fe	Solar PV; DG Solar Lessee II, LLC												
18ff	Solar PV; Golden Springs Develop. Co, LLC (Bldg H)												
18fg	Solar PV; Golden Springs Develop. Co, LLC (Bldg M)												
18fh	Solar PV; Adelanto Solar II, LLC												
18fi	Solar Thermal; Luz Solar Partners Ltd., III												
18fj	Solar Thermal; Luz Solar Partners Ltd., IV												
18fk	Solar Thermal; Luz Solar Partners Ltd., V												
18fl	Solar PV; Rio Bravo Solar I, LLC												
18fm	Solar PV; Rio Bravo Solar II, LLC												
18fn	Solar PV; Wildwood Solar II, LLC												
18fo	Solar PV; RE Garland A, LLC												
18fp	Solar PV; SR Solis Vestal Almond, LLC												
18fq	Solar PV; SR Solis Vestal Herder, LLC												
18fr	Solar PV; SR Solis Vestal Fireman, LLC												
18fs	Solar PV; SR Solis Crown, LLC												
18ft	Solar PV; Golden Springs Building F												

line	Capacity Resource Accounting Table (MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18fu	Solar PV; Golden Springs Building G												
18fv	Solar PV; Golden Springs Building L												
18fw	Solar PV; Freeway Springs												
18fx	Solar PV; Dulles												
18fy	Solar PV; Mesquite Solar 2, LLC												
18fz	Solar PV; Blythe Solar II, LLC												
18ga	Solar PV; RE Garland LLC												
18gb	Solar PV; Mirasol Development LLC (Murrieta 1)												
18gc	Solar PV; Mirasol Development LLC (Pomona 1)												
18gd	Solar PV; Caliente Springs, LLC												
18ge	Solar PV; RE Walker Pass A LLC												
18gf	Solar PV; RE Tranquillity 8 AZUL LLC												
18gg	Solar PV; Milestone Wildomar, LLC												
18gh	Solar PV; Green Beanworks C, LLC												
18gi	Solar PV; Windhub Solar A, LLC												
18gj	Solar PV; Antelope DSR 3, LLC												
18gk	Solar PV; American Kings Solar, LLC												
18gl	Solar PV; Maverick Solar, LLC												
18gm	Solar PV; Green Beanworks D, LLC												
18gn	Solar PV; Sunray Energy 3 LLC												
18go	Solar PV; Neenach Solar 1B South, LLC												
18gp	Solar PV; One Ten Partners, LLC												
18gq	Solar PV; PVNavigator, LLC												
18gr	Solar PV; AVS Phase 2, LLC												
18gs	Solar PV; Lancaster WAD B, LLC (REMAT)												
18gt	Solar PV; Central Antelope Dry Ranch B LLC												
18gu	Solar PV; Copper Mountain Solar 4, LLC												
18gv	Solar PV; 88FT 8me LLC												
18gw	Solar PV; 93LF 8me LLC												
18gx	Solar PV; 41MB 8me LLC												
18gy	Solar PV; RE Tranquillity LLC												
18gz	Solar PV; Tribal Solar, LLC												
18ha	Solar PV; North Rosamond Solar, LLC												
18hb	Solar PV; Panoche Valley Solar, LLC												
18hc	Solar PV; Longboat Solar, LLC												
18hd	Solar PV; Algonquin SKIC 10 Solar, LLC												
18he	Solar PV; Portal Ridge Solar B, LLC												
18hf	Solar PV; JACUMBA SOLAR, LLC												
18hg	Solar PV; Joshua Tree Solar Farm, LLC												
18hh	Solar PV; Sun Streams, LLC												
18hi	Solar PV; Willow Strings Solar, LLC												
18hj	Solar PV; Sunshine Valley Solar, LLC												
18hk	Solar PV; Valentine Solar, LLC												
18hl	Solar PV; Blythe Solar III, LLC												
18hm	Wind; Mountain View Power Partners IV, LLC												
18hn	Wind; Dillon Wind LLC												
18ho	Wind; Windstar Energy, LLC												
18hp	Wind; Alta Wind I, LLC												
18hq	Wind; Alta Wind II, LLC												
18hr	Wind; Alta Wind III, LLC												
18hs	Wind; Alta Wind IV, LLC												
18ht	Wind; Alta Wind V, LLC												

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18hu	Wind; Mustang Hills, LLC												
18hv	Wind; Pinyon Pines Wind I, LLC												
18hw	Wind; Alta Wind VIII, LLC												
18hx	Wind; Pinyon Pines Wind II, LLC												
18hy	Wind; Alta Wind X, LLC												
18hz	Wind; Alta Wind XI, LLC												
18ia	Wind; North Hurlburt Wind, LLC												
18ib	Wind; South Hurlburt Wind, LLC												
18ic	Wind; Horseshoe Bend Wind, LLC												
18id	Wind; Mountain View Power Partners, LLC												
18ie	Wind; Goshen Phase II LLC												
18if	Wind; Coram Energy LLC												
18ig	Wind; San Geronio WestWinds II - Windustries												
18ih	Wind; Rising Tree Wind Farm III, LLC												
18ii	Wind; Rising Tree Wind Farm, LLC												
18ij	Wind; Windland Refresh 1, LLC												
18ik	Wind; Cameron Ridge II												
18il	Wind; Windland Refresh 2, LLC												
18im	Wind; Yavi Energy, LLC												
18in	Wind; Broadview Energy KW, LLC												
18io	Wind; El Cabo Wind LLC												
18ip	Wind; Tule Wind LLC												
18iq	Wind; Broadview Energy JN, LLC												
18ir	Wind; Voyager Wind I, LLC												
19a	Total Other Bilateral Contract Supply	13,766	10,324										
19b	Non-Renewable DG Supply												
19c	Gas; ALAMIT 7 UNIT 1												
19d	Gas; ALAMIT 7 UNIT 2												
19e	Gas; ALAMIT 7 UNIT 3												
19f	Gas; ALAMIT 7 UNIT 4												
19g	Gas; ALAMIT 7 UNIT 5												
19h	Gas; ALAMIT 7 UNIT 6												
19i	Gas; BUCKBL 2 PL1X3												
19j	Gas; DELTA 2 PL1X4												
19k	Gas; ELSEGN 2 UN1011												
19l	Gas; ELSEGN 2 UN2021												
19m	Gas; ETIWND 7 UNIT 3												
19n	Gas; ETIWND 7 UNIT 4												
19o	Gas; GILROY 1 UNIT												
19p	Gas; GOLETA 6 ELLWOD												
19q	Gas; HINSON 6 LBECH1												
19r	Gas; HINSON 6 LBECH2												
19s	Gas; HINSON 6 LBECH3												
19t	Gas; HINSON 6 LBECH4												
19u	Gas; HNTGBH 7 UNIT 1												
19v	Gas; HNTGBH 7 UNIT 2												
19w	Gas; LAPLMA 2 UNIT 1												
19x	Gas; LAPLMA 2 UNIT 3												
19y	Gas; LEBECS 2 UNITS												
19z	Gas; LGHTHP 6 ICEGEN												
19aa	Gas; LMEC 1 PL1X3												

line	Capacity Resource Accounting Table (MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
19ab	Gas; MOSSLD 2 PSP1												
19ac	Gas; MOSSLD 2 PSP2												
19ad	Gas; MTWIND 1 UNIT 3												
19ae	Gas; ORMOND 7 UNIT 1												
19af	Gas; ORMOND 7 UNIT 2												
19ag	Gas; REDOND 7 UNIT 5												
19ah	Gas; REDOND 7 UNIT 6												
19ai	Gas; REDOND 7 UNIT 7												
19aj	Gas; REDOND 7 UNIT 8												
19ak	Gas; SENTNL 2 CTG1												
19al	Gas; SENTNL 2 CTG2												
19am	Gas; SENTNL 2 CTG3												
19an	Gas; SENTNL 2 CTG4												
19ao	Gas; SENTNL 2 CTG5												
19ap	Gas; SENTNL 2 CTG6												
19aq	Gas; SENTNL 2 CTG7												
19ar	Gas; SENTNL 2 CTG8												
19as	Gas; SYCAMR 2 UNIT 1												
19at	Gas; SYCAMR 2 UNIT 2												
19av	Gas; SYCAMR 2 UNIT 4												
19aw	Gas; VESTAL 2 WELLHD												
19ax	Gas; WALCRK 2 CTG1												
19ay	Gas; WALCRK 2 CTG2												
19az	Gas; WALCRK 2 CTG3												
19ba	Gas; WALCRK 2 CTG4												
19bb	Gas; WALCRK 2 CTG5												
19bc	Gas; LAPLMA 2 UNIT 3												
19bd	Gas; NRG Energy Center Oxnard, LLC												
19be	Gas; Stanton Energy Reliability Center, LLC												
19bf	Gas; Stanton Energy Reliability Center, LLC												
19bg	Gas; AES Alamitos Energy, LLC												
19bh	ES; AES ES Alamitos, LLC												
19bi	Gas; AES Huntington Beach Energy, LLC												
19bj	Gas; NRG California South LP- Ellwood												
19bk	Gas; NRG California South LP- Ellwood												
19bl	ES; Alta Gas - Pomona battery storage 1 - 3												
19bm	ES; Powin Energy - Milligan ESS 1 - 1												
19bn	RPS; DIABLO 7 UNIT 1												
19bo	RPS; JAWBNE 2 NSRWND												
19bp	Inter-Utility Contracts												
19n	Planned Resources: list each on lines inserted below this line.												
20	Short-Term and Spot Market Purchases (and Sales)	0	0	0	0	0	0	0	0	0	0	0	0
	CAPACITY BALANCE SUMMARY												
21	Total: Existing and Planned Supply	19,934	16,822	17,652	15,916	14,533	13,041	10,104	10,047	7,916	7,873	7,872	7,866
22	Firm LSE Procurement Requirement	26,279	26,468	26,296	26,005	25,701	25,299	25,020	24,936	25,066	25,251	25,418	25,617
23	Net Surplus (or Need)	(6,345)	(9,645)	(8,643)	(10,089)	(11,168)	(12,259)	(14,916)	(14,889)	(17,149)	(17,377)	(17,546)	(17,752)
24	Generic Renewable Supply												
25	Generic Non-Renewable Resources												
26	Specified Planning Reserve Margin	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%

line	Capacity Resource Accounting Table (MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
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		MW	MW
line	Historic LSE Peak Load:	Year 2015	Year 2016
27	Annual Peak Load / Actual Metered Deliveries****	22,557	22,708.7
28	Date of Peak Load for Annual Peak Deliveries	9/8/15	6/20/16
29	Hour Ending (HE) for Annual Peak Deliveries	16	16
30	Interruptible Load called on during that hour (+)	51.3	397.3
31	Self-Generation and DG Adjustments		
32	Adjustments for Major Outages		
33	Adjusted Annual Peak Load	24,079.0	24,896.2

Lines Notes

* SCE system at generation plus MWD through September 17, 2017 only.

** EE impacts reported on IEPR Demand Form 3.2 already incorporated into reported load on IEPR Demand Forms 1.1a and 1.1b.

***All dispatchable programs reported on form 3.4 are accounted for in line 1 (system peak) or on supply side.

****SCE System at generation (including transmission and distribution losses and excluding MWD)

State of California
California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
CEC Form S-2: Energy Balance Table (issued 12/2016)



Southern California Edison

Where cell specifies more than one datum, separate data with a semicolon.

2018 GWh numbers are illustrative

Yellow fill matches an application for confidentiality

Bold font cells sum automatically.

Data input by User are in dark green font

line	Energy Balance Table (GWh)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
	ENERGY DEMAND CALCULATIONS	(↓ Actual Supply ↓)		(Forecast Supply ⇒)									
1	Forecast Total Energy Demand / Consumption*	105,164					94,018	92,172	91,333	91,218	91,586	91,904	92,551
2a	ESP Demand: Existing Customer Contracts												
2b	ESP Demand: New and Renewed Contracts												
2c	ESP Demand in PG&E service area												
2d	ESP Demand in SCE service area												
2e	ESP Demand in SDG&E service area												
3	Additional Achievable Energy Efficiency (-)												
4	Demand Response / Interruptible Programs (-) ***	0	0	0	0	0	0	0	0	0	0	0	0
5	Adjusted Demand: End-Use Customers						94,018	92,172	91,333	91,218	91,586	91,904	92,551
6	Coincidence Adjustment [does not apply to S-2 form]												
7	Coincident Peak-Hour Demand [does not apply to S-2]												
8	Required Planning Reserve [does not apply to S-2]												
9	Credit for Imports That Carry Reserves [does not apply]												
10	Firm Sales Obligations				0								
11	Firm LSE Procurement Requirement	0	0				94,018	92,172	91,333	91,218	91,586	91,904	92,551
	ENERGY SUPPLY RESOURCES												
12a	Total Fossil Fuel Supply	5,787	4,929										
12b	Gas, SCE Mountain View 3	2,807	2,335										
12c	Gas, SCE Mountain View 4	2,946	2,566										
12d	Gas, SCE Peaker Barre	33											
12e	Gas, SCE Peaker Center	29											
12f	Gas, SCE Peaker Grapeland	22											
12g	Gas, SCE Peaker Miraloma	42											
12h	Gas, SCE Peaker McGrath	26											
13a	Total Nuclear Supply	3476	3438										
13b	Nuclear, Palo Verde 1	1,832	1,590										
13c	Nuclear, Palo Verde 2	1,644	1,848										
13d	Nuclear, Palo Verde 3	1,659	1,655										
14a	Total Hydroelectric Supply	739	3,211										
14b	Total: Hydro Supply from Plants larger than 30 MW	739	3,211										
14c	Total: Hydro Supply from Plants 30 MW or less												
15a	Total Utility-Controlled Renewable Supply	118	107	123	123	123	123	123	123	123	123	123	123
15b	Solar, SPVP	118	107	123	123	123	123	123	123	123	123	123	123
15c													
15d													
17a	Total Qualifying Facility (QF) Contract Supply	11,059	12,110										
17b	Biofuels	580	492	261	261	38	38	18	242	360	361	360	360
17c	Geothermal	3,484	2,926	2,872	2,306	999	505	484	484	406	330	329	150
17d	Small Hydro	10	48	119	102	101	51	4	3	2	2	2	2
17e	Solar	619	583	506	442	325	217	35	0	0	0	0	0
17f	Wind	1,071	941	766	694	585	366	118	39	0	0	0	0
17g	Natural Gas	5,296	7,120										
17h	Other	0	0	0	0	0	0	0	0	0	0	0	0
line	Energy Balance Table (GWh)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18a	Total Renewable Contract Supply	10,904	15,829	19,736	21,605	24,903	28,227	29,141	28,538	28,304	28,283	28,125	28,007
18b	Renewable DG Supply												

line	Energy Balance Table (GWh)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18c	Biogas; MM Tajiguas Energy LLC	22	25	23	23	23	23	23	23	23	23	23	23
18d	Biogas; Ventura Regional Sanitation District	1	1	6	6	6	1	0	0	0	0	0	0
18e	Biogas; Riverside County Waste Management Dept	5	6	6	6	3	0	0	0	0	0	0	0
18f	Biogas; Republic Services of Sonoma County Energy Producers, Inc	0	9	35	35	35	35	35	35	35	35	35	26
18g	Biomass; Pacific Ultrapower Chinese Station	0	0	107	129	129	130	129	35	0	0	0	0
18h	Biomass; Rio Bravo Rocklin	0	0	140	182	182	182	182	58	0	0	0	0
18i	Biomass; Rio Bravo Fresno	0	0	139	181	181	181	181	58	0	0	0	0
18j	Geothermal; Coso Clean Power, LLC	403	476	441	433	424	417	415	415	415	417	415	415
18k	Geothermal; Terra-Gen Dixie Valley, LLC	0	0	0	194	394	395	394	394	394	395	394	394
18l	Geothermal; Geysers Power Company, LLC	1,697	1,850	803	0	0	0	0	0	0	0	0	0
18m	Geothermal; ORNI 18, LLC	97	71	72	70	69	68	68	68	68	68	68	68
18n	Geothermal; Coso Clean Power, LLC	461	487	456	447	438	431	429	429	429	430	429	429
18o	Geothermal; Coso Clean Power, LLC	0	0	0	0	304	374	373	373	373	374	373	373
18p	Geothermal; Geysers Power Company, LLC	0	0	1,156	1,971	1,971	1,976	1,971	1,971	1,971	1,976	1,971	1,971
18q	Geothermal; Geysers Power Company, LLC	0	0	0	438	438	439	438	438	438	439	438	438
18r	Small Hydro; Bishop Tungsten Development, LLC	1	1	2	2	2	2	2	2	2	2	2	2
18s	Small Hydro; California Water Service Company	0	0	0	0	0	0	0	0	0	0	0	0
18t	Small Hydro; Isabella Fish Flow Hydroelec Proj LLC	2	3	3	3	3	3	3	3	3	3	3	3
18u	Small Hydro; Monte Vista Water District	0	1	1	1	1	1	1	1	1	1	1	1
18v	Small Hydro; Lower Tule River Irrigation District	0	1	1	1	1	1	1	1	0	0	0	0
18w	Small Hydro; White Mountain Ranch, LLC	1	2	1	1	1	1	1	1	1	1	1	1
18x	Small Hydro; Calleguas MWD - Conejos	0	0	0	0	0	0	0	0	0	0	0	0
18y	Small Hydro; TKO Power, LLC (South Bear Creek)	0	2	10	10	10	10	10	10	10	10	10	10
18z	Small Hydro; City of Santa Barbara	0	0	2	2	2	2	2	2	2	2	2	2
18aa	Small Hydro; Goleta Water District	0	0	1	1	1	1	1	1	1	1	0	0
18ab	Small Hydro; Desert Water Agency	0	1	5	5	5	5	5	5	5	5	5	5
18ac	Small Hydro; Desert Water Agency (Snow Creek)	0	0	0	0	0	0	0	0	0	0	0	0
18ad	Small Hydro; Calleguas MWD (Springville Hydro)	0	1	2	2	2	2	2	2	2	2	2	2
18ae	Small Hydro; Calleguas Municipal Water District	2	5	6	6	6	6	6	6	6	6	6	6
18af	Small Hydro; Walnut Valley Water District	0	0	0	0	0	0	0	0	0	0	0	0
18ag	Small Hydro; Calleguas MWD - Unit 3 (Santa Rosa)	0	0	1	1	1	1	1	1	1	1	1	1
18ah	Solar PV; NRG Solar Blythe LLC	43	45	49	49	48	48	48	47	47	47	46	46
18ai	Solar Thermal; Solar Partners I, LLC	203	200	335	335	335	336	335	335	335	336	335	335
18aj	Solar PV; Desert Sunlight 250, LLC	584	624	562	557	540	533	528	524	519	516	511	507
18ak	Solar PV; Desert Stateline LLC	1	553	671	665	644	637	630	625	620	616	610	605
18al	Solar PV; RE Rio Grande, LLC	11	12	11	11	11	11	11	11	11	10	10	10
18am	Solar PV; RE Rosamond Two LLC	47	50	47	46	45	44	44	44	44	44	43	43
18an	Solar PV; RE Victor Phelan Solar One LLC	45	50	42	42	41	40	40	40	40	40	39	39
18ao	Solar PV; TA High Desert LLC	54	56	41	41	40	40	39	39	39	39	38	38
18ap	Solar PV; Temescal Canyon RV, LLC	2	3	2	2	2	2	2	2	2	2	2	2
18aq	Solar PV; CED Corcoran Solar 2, LLC	27	51	39	39	37	37	36	36	36	35	35	35
18ar	Solar PV; Silver State Solar Power South, LLC	1	565	612	606	587	579	573	568	564	561	555	551
18as	Solar PV; Regulus Solar, LLC	160	152	170	169	164	161	160	159	158	157	155	154
18at	Solar PV; Adobe Solar, LLC	49	50	53	52	50	50	49	49	49	48	48	47
18au	Solar PV; Golden Springs Develop Co, LLC (Bldg C)	2	2	2	2	2	2	2	2	2	2	2	2
18av	Solar PV; Golden Springs Develop Co, LLC (Bldg D)	2	2	2	2	2	2	2	2	2	2	2	2
18aw	Solar PV; Industry Metrolink PV 1, LLC	3	3	3	3	3	3	3	3	3	3	3	3
18ax	Solar PV; SS San Antonio West LLC	3	3	3	3	3	3	3	3	3	3	3	3
18ay	Solar PV; SEPV1, LLC	5	5	5	5	5	5	5	5	5	5	5	4
18az	Solar PV; SEPV2, LLC	4	5	4	4	4	4	4	4	4	4	4	4
18ba	Solar PV; North Palm Springs Investments, LLC 5408	5	4	5	5	5	5	5	5	5	5	5	5
18bb	Solar PV; North Palm Springs Investments, LLC 5411	5	6	9	9	9	9	9	9	9	9	9	8
18bc	Solar PV; Solar Star California XIX, LLC	820	679	786	781	758	750	745	741	738	735	730	727
18bd	Solar PV; Solar Star California XX, LLC	759	768	725	720	699	692	687	684	681	679	674	670
18be	Solar PV; Solar Star California XIII, LLC	60	282	273	271	263	260	258	257	256	255	253	252
18bf	Solar PV; One Miracle Property, LLC	1	2	1	1	1	1	1	1	1	1	1	1
18bg	Solar PV; Powhatan Solar Power Generation Station	4	4	4	4	4	4	4	4	4	4	4	4

line	Energy Balance Table (GWh)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18bh	Solar PV; Oteo Solar Power Generation Station	3	4	4	4	4	4	4	4	4	4	4	4
18bi	Solar PV; Navajo Solar Power Generation Station 1	4	4	4	4	4	4	4	4	4	4	4	4
18bj	Solar PV; FTS Master Tenant 1, LLC (LDFRB)	13	14	13	13	13	12	12	12	12	12	12	12
18bk	Solar PV; Victor Dry Farm Ranch A LLC	6	11	10	10	9	9	9	9	9	9	9	9
18bl	Solar PV; Victor Dry Farm Ranch B LLC	6	10	10	10	9	9	9	9	9	9	9	9
18bm	Solar PV; Central Antelope Dry Ranch C, LLC	0	29	41	41	40	39	39	39	39	39	38	38
18bn	Solar PV; North Lancaster Ranch, LLC	0	1	41	41	40	39	39	39	39	39	38	38
18bo	Solar PV; Sierra Solar Greenworks, LLC	2	45	41	41	40	39	39	39	39	38	38	38
18bp	Solar PV; American Solar Greenworks, LLC	0	8	16	16	15	15	15	15	15	15	15	15
18bq	Solar PV; FTS Master Tenant 1, LLC (ESA)	5	5	5	5	5	5	5	5	5	4	4	4
18br	Solar PV; FTS Master Tenant 1, LLC (ESB)	4	5	4	4	4	4	4	4	4	4	4	4
18bs	Solar PV; Nicolis, LLC	0	11	52	51	50	49	49	48	48	48	47	47
18bt	Solar PV; Garnet Solar Pwr Gen Station 1, LLC	9	10	9	9	9	9	9	9	9	9	9	9
18bu	Solar PV; Tropico, LLC	0	8	36	36	35	34	34	34	34	33	33	33
18bv	Solar PV; RE Columbia 3 LLC	25	26	25	24	24	23	23	23	23	23	23	23
18bw	Solar PV; McCoy Solar, LLC	62	694	742	737	716	709	704	700	697	695	690	686
18bx	Solar PV; Industry Solar Power Generation Station	4	4	4	4	4	4	4	4	4	4	4	4
18by	Solar PV; Newberry Solar 1 LLC	2	2	3	3	3	3	3	3	3	3	3	3
18bz	Solar PV; USDA Forest Service San Dimas Technology	0	0	0	0	0	0	0	0	0	0	0	0
18ca	Solar PV; Little Rock - Pham Solar, LLC	0	9	10	10	10	9	9	9	9	9	9	9
18cb	Solar PV; L-8 Solar Project, LLC	3	3	3	3	3	3	3	3	3	3	3	3
18cc	Solar PV; Heliocentric, LLC	3	3	3	3	3	3	3	3	3	3	3	3
18cd	Solar PV; Treen Solar 1, LLC	3	3	3	3	3	3	3	3	3	3	3	3
18ce	Solar PV; Treen Solar 2, LLC	3	3	3	3	3	3	3	3	3	3	3	3
18cf	Solar PV; Annie Power, LLC	4	4	5	5	4	4	4	4	4	4	4	4
18cg	Solar PV; J Ram Solar 1, LLC	4	3	5	5	4	4	4	4	4	4	4	4
18ch	Solar PV; J Ram Solar 2, LLC	4	4	5	5	4	4	4	4	4	4	4	4
18ci	Solar PV; J Ram Solar 3, LLC	3	3	3	3	3	3	3	3	3	3	3	3
18cj	Solar PV; Sandra Energy, LLC	4	4	5	5	4	4	4	4	4	4	4	4
18ck	Solar PV; Dreamer Solar, LLC	4	4	5	5	4	4	4	4	4	4	4	4
18cl	Solar PV; Drew Energy, LLC	3	3	3	3	3	3	3	3	3	3	3	3
18cm	Solar PV; Voyager Solar 1, LLC	4	4	5	5	4	4	4	4	4	4	4	4
18cn	Solar PV; Voyager Solar 2, LLC	4	4	5	5	4	4	4	4	4	4	4	4
18co	Solar PV; Voyager Solar 3, LLC	3	3	3	3	3	3	3	3	3	3	3	3
18cp	Solar PV; Becca Solar, LLC	4	4	5	5	4	4	4	4	4	4	4	4
18cq	Solar PV; Toro Power 1, LLC	4	4	5	5	4	4	4	4	4	4	4	4
18cr	Solar PV; Toro Power 2, LLC	1	1	2	2	1	1	1	1	1	1	1	1
18cs	Solar PV; Radiance Solar 5 LLC	3	3	3	3	3	3	3	3	3	3	3	3
18ct	Solar PV; Radiance Solar 4 LLC	3	3	3	3	3	3	3	3	3	3	3	3
18cu	Solar PV; Highlander Solar 1	32	33	32	32	31	31	30	30	30	30	30	30
18cv	Solar PV; Highlander Solar 2	24	24	24	24	24	23	23	23	23	23	23	23
18cw	Solar PV; Summer Solar C2, LLC	4	4	4	4	4	4	4	4	4	4	4	4
18cx	Solar PV; Summer Solar D2, LLC	2	2	2	2	2	2	2	2	2	2	2	2
18cy	Solar PV; Summer Solar A2 LLC	4	4	4	4	4	4	4	4	4	4	4	4
18cz	Solar PV; Summer Solar B2, LLC	4	4	4	4	4	4	4	4	4	4	4	4
18da	Solar PV; FTS Master Tenant 1 LLC (Rodeo Solar C2)	4	4	4	4	4	4	4	4	4	4	4	4
18db	Solar PV; FTS Master Tenant 1 LLC (Rodeo Solar D2)	4	4	4	4	4	4	4	4	4	4	4	4
18dc	Solar PV; Expressway Solar C2, LLC	3	4	4	4	4	4	4	4	4	4	4	4
18dd	Solar PV; Tulare PV I, LLC (Exeter 1)	2	2	2	2	2	2	2	2	2	2	2	2
18de	Solar PV; Tulare PV I, LLC (Exeter 2)	2	2	2	2	2	2	2	2	2	2	2	2
18df	Solar PV; Tulare PV I, LLC (Exeter 3)	3	3	3	3	3	3	3	3	3	3	3	3
18dg	Solar PV; Tulare PV I, LLC (Lindsay 1)	3	3	3	3	3	3	3	3	3	3	3	3
18dh	Solar PV; Tulare PV I, LLC (Lindsay 3)	3	3	3	3	3	3	3	3	3	3	3	3
18di	Solar PV; Tulare PV I, LLC (Lindsay 4)	2	2	2	2	2	2	2	2	2	2	2	2
18dj	Solar PV; Tulare PV I, LLC (Ivanhoe 1)	3	3	3	3	3	3	3	3	3	3	3	3
18dk	Solar PV; Tulare PV I, LLC (Ivanhoe 2)	1	1	1	1	1	1	1	1	1	1	1	1
18dl	Solar PV; Tulare PV I, LLC (Ivanhoe 3)	3	3	3	3	3	3	3	3	3	3	3	3
18dm	Solar PV; Tulare PV I, LLC (Porterville 1)	2	2	2	2	2	2	2	2	2	2	2	2

line	Energy Balance Table (GWh)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18dn	Solar PV; Tulare PV I, LLC (Porterville 2)	2	2	2	2	2	2	2	2	2	2	2	2
18do	Solar PV; Tulare PV I, LLC (Porterville 5)	3	3	3	3	3	3	3	3	3	3	3	3
18dp	Solar PV; Sequoia PV 1, LLC (Tulare 1)	3	3	3	3	3	3	3	3	3	3	3	3
18dq	Solar PV; Sequoia PV 1, LLC (Tulare 2)	3	3	3	3	3	3	3	3	3	3	3	3
18dr	Solar PV; Kettering 1	2	2	2	2	2	2	2	2	2	2	2	2
18ds	Solar PV; Kettering 2	2	2	2	2	2	2	2	2	2	2	2	2
18dt	Solar PV; Division 1	3	3	3	3	3	3	3	3	3	3	3	3
18du	Solar PV; Division 2	2	2	2	2	2	2	2	2	2	2	2	2
18dv	Solar PV; Division 3	2	2	2	2	2	2	2	2	2	2	2	2
18dw	Solar PV; Diamond Valley Solar LLC	2	2	3	3	3	3	3	3	3	3	3	3
18dx	Solar PV; Marinos Ventures LLC	1	1	1	1	1	1	1	1	1	1	1	1
18dy	Solar PV; Sequoia PV 1 LLC (Farmersville 1)	3	3	3	3	3	3	3	3	3	3	3	3
18dz	Solar PV; Sequoia PV 1 LLC (Farmersville 2)	3	3	3	3	3	3	3	3	3	3	3	3
18da	Solar PV; Lone Valley Solar Park I, LLC	24	23	25	25	24	24	24	24	24	24	23	23
18db	Solar PV; Lone Valley Solar Park II, LLC	51	45	53	52	51	50	50	49	49	49	48	48
18dc	Solar PV; Soccer Center	0	0	7	7	7	7	7	7	7	7	7	7
18dd	Solar PV; Orion Solar II, LLC	20	20	20	20	19	19	19	19	19	18	18	18
18de	Solar PV; Coronal Lost Hills, LLC	35	55	52	51	50	49	49	48	48	48	47	47
18df	Solar PV; Vega Solar, LLC	31	53	56	55	53	53	52	52	51	51	51	50
18dg	Solar PV; FTS Master Tenant 2, LLC (SEPV18)	0	6	6	6	6	6	6	6	6	6	6	6
18dh	Solar PV; RE Adams East LLC	49	50	48	48	46	46	46	45	45	45	45	44
18di	Solar PV; Sequoia PV 1 LLC (Farmersville 3)	3	3	3	3	3	3	3	3	3	3	3	3
18dj	Solar PV; Sequoia PV 3 LLC (Porterville 6)	3	3	3	3	3	3	3	3	3	3	3	3
18dk	Solar PV; Sequoia PV 3 LLC (Porterville 7)	3	3	3	3	3	3	3	3	3	3	3	3
18dl	Solar PV; SunE W12DG-C, LLC	2	2	2	2	2	2	2	2	2	2	2	2
18dm	Solar PV; DG Solar Lessee, LLC	3	3	3	3	3	3	3	3	3	3	3	3
18dn	Solar PV; California PV Energy, LLC	2	2	2	2	2	2	2	2	2	2	2	2
18do	Solar PV; California PV Energy, LLC	3	3	3	3	3	3	3	3	3	3	3	3
18dp	Solar PV; DG Solar Lessee, LLC (Duncan Rd North)	4	4	4	4	4	4	4	4	4	4	4	4
18dq	Solar PV; DG Solar Lessee, LLC (Duncan Rd South)	2	3	3	3	3	3	3	3	3	3	3	3
18dr	Solar PV; Victor Mesa Linda B2 LLC	4	4	4	4	4	4	4	4	4	4	4	4
18ds	Solar PV; Victor Mesa Linda C2 LLC	4	4	4	4	4	4	4	4	4	4	4	4
18dt	Solar PV; Victor Mesa Linda D2 LLC	4	4	4	4	4	4	4	4	4	4	4	4
18du	Solar PV; Victor Mesa Linda E2 LLC	4	4	4	4	4	4	4	4	4	4	4	4
18dv	Solar PV; Sequoia PV 2, LLC (Hanford 1)	3	3	3	3	3	3	3	3	3	3	3	3
18dw	Solar PV; Sequoia PV 2, LLC (Hanford 2)	3	3	3	3	3	3	3	3	3	3	3	3
18dx	Solar PV; CES DHS Solar, LLC (DHS Solar 1)	2	2	3	3	3	3	3	3	3	3	3	3
18dy	Solar PV; CES DHS Solar, LLC (DHS Solar 2)	3	4	4	4	4	4	4	4	4	4	4	4
18dz	Solar PV; DG Solar Lessee, LLC (White Rd N)	4	4	4	4	4	4	4	4	4	4	4	4
18ea	Solar PV; DG Solar Lessee, LLC (White Rd C)	4	4	4	4	4	4	4	4	4	4	4	4
18eb	Solar PV; Mitchell Solar, LLC	4	4	5	5	4	4	4	4	4	4	4	4
18ec	Solar PV; Rudy Solar, LLC	4	4	5	5	4	4	4	4	4	4	4	4
18ed	Solar PV; Madelyn Solar, LLC	3	3	5	5	4	4	4	4	4	4	4	4
18ee	Solar PV; DG Solar Lessee, LLC (White Rd S)	4	4	4	4	4	4	4	4	4	4	4	4
18ef	Solar PV; CF SBC Master Tenant One LLC (Adelanto1)	3	3	4	4	3	3	3	3	3	3	3	3
18eg	Solar PV; CF SBC Master Tenant One LLC (Adelanto2)	3	3	4	4	3	3	3	3	3	3	3	3
18eh	Solar PV; Venable Solar, LLC (North)	2	3	3	3	3	3	3	3	3	3	3	3
18ei	Solar PV; Venable Solar, LLC (South)	2	3	3	3	3	3	3	3	3	3	3	3
18ej	Solar PV; PsomasFMG Lancaster Solar CREST, LLC	3	4	5	5	5	5	5	5	5	5	5	5
18ek	Solar PV; PsomasFMG Lancaster Solar CREST, LLC	3	4	5	5	5	5	5	5	5	5	5	5
18el	Solar PV; Morgan Lancaster I, LLC	0	4	4	4	4	4	4	3	3	3	3	3
18em	Solar PV; SEPV Palmdale East, LLC	10	28	27	27	26	26	26	26	26	26	26	25
18en	Solar PV; Pumpjack Solar I, LLC	49	50	54	53	52	51	51	51	50	50	50	50
18eo	Solar PV; Catalina Solar 2, LLC	22	57	55	55	53	53	52	52	52	52	51	51
18ep	Solar PV; Citizen Solar B, LLC	0	12	12	12	11	11	11	11	11	11	11	11
18eq	Solar PV; Wildwood Solar I, LLC	45	47	53	53	52	51	51	50	50	50	50	49
18er	Solar PV; Adelanto Solar, LLC	16	61	61	60	58	57	57	56	56	55	55	54
18es	Solar PV; 67RK 8 ME LLC	10	41	39	39	38	37	37	37	37	37	36	36

line	Energy Balance Table (GWh)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18et	Solar PV; Lancaster Little Rock C LLC	13	13	13	13	13	12	12	12	12	12	12	12
18eu	Solar PV; NRG Solar Oasis LLC	0	59	63	62	60	60	59	59	58	58	57	57
18ev	Solar PV; CED Atwell Island West, LLC	26	57	49	48	47	46	46	45	45	45	44	44
18ew	Solar PV; SEPV Mojave West, LLC	0	37	59	59	57	56	56	55	55	54	54	54
18ex	Solar PV; ADERA SOLAR, LLC	0	38	44	43	42	42	42	41	41	41	41	41
18ey	Solar PV; Kona Solar LLC	2	3	3	3	3	3	3	3	3	3	3	3
18ez	Solar PV; Kona Solar LLC	2	3	3	3	3	3	3	3	3	3	3	3
18fa	Solar PV; Kona Solar LLC	2	3	3	3	3	3	3	3	3	3	3	3
18fb	Solar PV; Antelope Valley Solar	0	0	9	9	9	9	9	9	9	9	9	9
18fc	Solar PV; SunE Solar XVI Lessor, LLC (Rochester)	0	1	2	2	2	2	2	2	2	2	2	2
18fd	Solar PV; DG Solar Lessee II, LLC	0	2	2	2	2	2	2	2	2	2	2	2
18fe	Solar PV; DG Solar Lessee II, LLC	0	2	2	2	2	2	2	2	2	2	2	2
18ff	Solar PV; Golden Springs Develop Co, LLC (Bldg H)	2	3	3	3	3	3	3	3	3	3	3	3
18fg	Solar PV; Golden Springs Develop Co, LLC (Bldg M)	3	3	3	3	3	3	3	3	3	3	3	3
18fh	Solar PV; Adelanto Solar II, LLC	9	19	20	20	19	19	19	19	19	19	19	18
18fi	Solar Thermal; Luz Solar Partners Ltd , III	0	0	60	62	61	60	60	60	60	60	60	60
18fj	Solar Thermal; Luz Solar Partners Ltd , IV	0	0	61	63	62	61	61	61	61	61	61	61
18fk	Solar Thermal; Luz Solar Partners Ltd , V	0	0	0	63	61	61	60	60	60	61	60	60
18fl	Solar PV; Rio Bravo Solar I, LLC	0	2	55	55	53	53	52	52	52	51	51	51
18fm	Solar PV; Rio Bravo Solar II, LLC	0	2	55	55	53	53	52	52	52	51	51	51
18fn	Solar PV; Wildwood Solar II, LLC	0	1	43	43	42	42	41	41	41	41	40	40
18fo	Solar PV; RE Garland A, LLC	0	16	62	61	59	59	58	58	58	58	57	57
18fp	Solar PV; SR Solis Vestal Almond, LLC	0	2	52	52	50	49	49	49	48	48	48	47
18fq	Solar PV; SR Solis Vestal Herder, LLC	0	2	52	52	50	49	49	49	48	48	48	47
18fr	Solar PV; SR Solis Vestal Fireman, LLC	0	2	52	52	50	49	49	49	48	48	48	47
18fs	Solar PV; SR Solis Crown, LLC	0	1	41	41	39	39	39	38	38	38	38	37
18ft	Solar PV; Golden Springs Building F	0	0	3	3	3	3	3	3	3	3	3	3
18fu	Solar PV; Golden Springs Building G	0	0	2	3	3	2	2	2	2	2	2	2
18fv	Solar PV; Golden Springs Building L	0	0	2	2	2	2	2	2	2	2	2	2
18fw	Solar PV; Freeway Springs	0	0	4	4	4	4	4	4	4	4	4	4
18fx	Solar PV; Dulles	0	1	4	4	4	4	4	4	4	4	4	4
18fy	Solar PV; Mesquite Solar 2, LLC	0	21	299	297	287	284	281	279	277	276	273	271
18fz	Solar PV; Blythe Solar II, LLC	0	108	385	382	371	367	364	362	360	359	356	354
18ga	Solar PV; RE Garland LLC	0	98	574	570	553	548	544	541	538	537	533	530
18gb	Solar PV; Mirasol Development LLC (Murrieta 1)	0	0	2	2	2	2	2	2	2	2	2	2
18gc	Solar PV; Mirasol Development LLC (Pomona 1)	0	0	1	1	1	1	1	1	1	1	1	1
18gd	Solar PV; Caliente Springs, LLC	0	0	1	2	2	2	2	2	2	2	2	2
18ge	Solar PV; RE Walker Pass A LLC	0	0	0	53	60	60	59	59	59	59	59	59
18gf	Solar PV; RE Tranquillity 8 AZUL LLC	0	0	0	58	56	56	55	55	55	55	55	55
18gg	Solar PV; Milestone Wildomar, LLC	0	0	0	2	2	2	2	2	2	2	2	2
18gh	Solar PV; Green Beanworks C, LLC	0	0	0	5	9	9	8	8	8	8	8	8
18gi	Solar PV; Windhub Solar A, LLC	0	0	0	0	25	59	58	58	58	58	57	57
18gj	Solar PV; Antelope DSR 3, LLC	0	0	0	0	30	57	56	56	56	56	55	55
18gk	Solar PV; American Kings Solar, LLC	0	0	0	0	0	14	348	346	344	343	341	339
18gl	Solar PV; Maverick Solar, LLC	0	0	0	0	0	22	403	401	398	397	394	392
18gm	Solar PV; Green Beanworks D, LLC	0	0	0	2	8	8	8	8	8	8	8	8
18gn	Solar PV; Sunray Energy 3 LLC	0	0	23	43	42	41	41	41	41	41	40	40
18go	Solar PV; Neenach Solar 1B South, LLC	0	0	0	1	5	5	4	4	4	4	4	4
18gp	Solar PV; One Ten Partners, LLC	0	0	3	6	6	6	6	6	6	6	6	6
18gq	Solar PV; PVNavigator, LLC	0	0	5	6	6	6	6	6	6	6	5	5
18gr	Solar PV; AVS Phase 2, LLC	0	0	0	6	8	8	8	8	8	8	8	8
18gs	Solar PV; Lancaster WAD B, LLC (REMAT)	0	0	7	9	9	9	9	9	8	8	8	8
18gt	Solar PV; Central Antelope Dry Ranch B LLC	0	0	6	8	8	8	8	8	8	8	8	8
18gu	Solar PV; Copper Mountain Solar 4, LLC	0	0	0	0	0	250	248	246	244	243	241	239
18gv	Solar PV; 88FT 8me LLC	0	0	0	0	0	237	406	404	402	401	398	396
18gw	Solar PV; 93LF 8me LLC	0	0	0	0	634	668	663	660	656	654	650	646
18gx	Solar PV; 41MB 8me LLC	0	0	0	0	0	78	126	125	125	124	123	123
18gy	Solar PV; RE Tranquillity LLC	0	0	0	0	23	556	552	549	546	544	540	537

line	Energy Balance Table (GWh)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
18gz	Solar PV; Tribal Solar, LLC	0	0	0	0	42	871	864	860	856	853	847	843
18ha	Solar PV; North Rosamond Solar, LLC	0	0	0	0	492	488	484	481	479	477	474	472
18hb	Solar PV; Panoche Valley Solar, LLC	0	0	0	0	680	673	668	665	661	659	655	652
18hc	Solar PV; Longboat Solar, LLC	0	7	64	63	61	61	60	60	60	59	59	59
18hd	Solar PV; Algonquin SKIC 10 Solar, LLC	0	1	26	26	25	25	25	24	24	24	24	24
18he	Solar PV; Portal Ridge Solar B, LLC	0	0	53	54	53	52	52	51	51	51	51	50
18hf	Solar PV; JACUMBA SOLAR, LLC	0	0	20	51	49	49	49	48	48	48	48	47
18hg	Solar PV; Joshua Tree Solar Farm, LLC	0	0	21	53	52	51	51	51	50	50	50	50
18hh	Solar PV; Sun Streams, LLC	0	0	0	0	0	469	465	463	460	459	456	453
18hi	Solar PV; Willow Strings Solar, LLC	0	0	0	0	333	330	327	326	324	323	321	319
18hj	Solar PV; Sunshine Valley Solar, LLC	0	0	0	0	0	302	300	299	297	296	294	293
18hk	Solar PV; Valentine Solar, LLC	0	0	0	0	16	318	316	314	312	311	308	307
18hl	Solar PV; Blythe Solar III, LLC	0	0	0	0	0	218	372	370	367	366	363	361
18hm	Wind; Mountain View Power Partners IV, LLC	151	170	160	160	160	160	160	160	160	160	160	160
18hn	Wind; Dillon Wind LLC	119	139	140	140	140	141	140	140	140	141	140	140
18ho	Wind; Windstar Energy, LLC	225	299	300	300	300	301	300	300	300	301	300	300
18hp	Wind; Alta Wind I, LLC	305	413	401	401	401	402	401	401	401	402	401	401
18hq	Wind; Alta Wind II, LLC	256	360	339	339	339	340	339	339	339	340	339	339
18hr	Wind; Alta Wind III, LLC	272	380	355	355	355	356	355	355	355	356	355	355
18hs	Wind; Alta Wind IV, LLC	121	183	174	174	174	174	174	174	174	174	174	174
18ht	Wind; Alta Wind V, LLC	197	293	277	277	277	277	277	277	277	277	277	277
18hu	Wind; Mustang Hills, LLC	228	315	304	304	304	304	304	304	304	304	304	304
18hv	Wind; Pinyon Pines Wind I, LLC	262	347	364	364	364	365	364	364	364	365	364	364
18hw	Wind; Alta Wind VIII, LLC	208	295	284	284	284	285	284	284	284	285	284	284
18hx	Wind; Pinyon Pines Wind II, LLC	183	250	257	257	257	258	257	257	257	258	257	257
18hy	Wind; Alta Wind X, LLC	0	365	324	324	324	325	324	324	324	325	324	324
18hz	Wind; Alta Wind XI, LLC	0	276	211	211	211	212	211	211	211	212	211	211
18ia	Wind; North Hurlburt Wind, LLC	450	550	563	563	563	564	563	563	563	564	563	563
18ib	Wind; South Hurlburt Wind, LLC	485	585	593	593	593	595	593	593	593	595	593	593
18ic	Wind; Horseshoe Bend Wind, LLC	517	612	632	632	632	634	632	632	632	634	632	632
18id	Wind; Mountain View Power Partners, LLC	189	190	210	210	210	210	180	0	0	0	0	0
18ie	Wind; Goshen Phase II LLC	279	311	367	367	367	369	367	367	367	369	367	367
18if	Wind; Coram Energy LLC	0	12	10	10	10	10	10	10	10	10	10	0
18ig	Wind; San Gorgonio WestWinds II - Windustries	0	26	24	24	24	24	24	24	24	24	24	24
18ih	Wind; Rising Tree Wind Farm III, LLC	0	0	0	0	235	235	235	235	235	235	235	235
18ii	Wind; Rising Tree Wind Farm, LLC	0	0	0	0	188	188	188	188	188	188	188	188
18ij	Wind; Windland Refresh 1, LLC	11	19	16	16	16	16	16	16	16	10	0	0
18ik	Wind; Cameron Ridge II	0	34	32	32	32	32	32	32	32	32	32	32
18il	Wind; Windland Refresh 2, LLC	0	18	19	19	19	19	19	19	19	19	19	0
18im	Wind; Yavi Energy, LLC	0	7	5	5	5	5	5	5	5	5	5	5
18in	Wind; Broadview Energy KW, LLC	0	0	361	399	399	400	399	399	399	400	399	399
18io	Wind; El Cabo Wind LLC	0	0	309	914	914	915	914	914	914	915	914	914
18ip	Wind; Tule Wind LLC	0	0	91	310	310	311	310	310	310	311	310	310
18iq	Wind; Broadview Energy JN, LLC	0	0	464	512	512	514	512	512	512	514	512	512
18ir	Wind; Voyager Wind I, LLC	0	0	0	0	347	348	347	347	347	348	347	347
19a	Total Other Bilateral Contract Supply	10,161	4,282										
19b	Non-Renewable DG Supply												
19c	[state fuel if known; then name Other Bilateral Contract 1]												
19d	Gas; ALAMIT 7 UNIT 2	93											
19e	Gas; ALAMIT 7 UNIT 3	309											
19f	Gas; ALAMIT 7 UNIT 4	197											
19g	Gas; ALAMIT 7 UNIT 5	142											
19h	Gas; ALAMIT 7 UNIT 6	260											
19i	Gas; BUCKBL 2 PL1X3	1,327	863										
19j	Gas; ELSEGN 2 UN1011	0											
19k	Gas; ELSEGN 2 UN2021	0											
19l	Gas; GOLETA 6 ELLWOD	0											
19m	Gas; HINSON 6 LBECHI	5											

line	Energy Balance Table (GWh)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
19n	Gas; HINSON 6 LBECH2	5											
19o	Gas; HINSON 6 LBECH3	5											
19p	Gas; HINSON 6 LBECH4	5											
19q	Gas; HNTGBH 7 UNIT 1	356											
19r	Gas; HNTGBH 7 UNIT 2	363											
19s	Gas; LBECS 2 UNITS	4,767											
19t	Gas; LGHTHP 6 ICEGEN	39											
19u	Gas; LMEC 1 PLIX3	0											
19v	Gas; MOSSLD 2 PSP1	0											
19w	Gas; MOSSLD 2 PSP2	0											
19x	Gas; MTWIND 1 UNIT 3	0											
19y	Gas; ORMOND 7 UNIT 1	0											
19z	Gas; ORMOND 7 UNIT 2	0											
19aa	Gas; REDOND 7 UNIT 5	55											
19ab	Gas; REDOND 7 UNIT 6	64											
19ac	Gas; REDOND 7 UNIT 7	198											
19ad	Gas; REDOND 7 UNIT 8	169											
19ae	Gas; SENTNL 2 CTG1	78											
19af	Gas; SENTNL 2 CTG2	81											
19ag	Gas; SENTNL 2 CTG3	83											
19ah	Gas; SENTNL 2 CTG4	75											
19ai	Gas; SENTNL 2 CTG5	82											
19aj	Gas; SENTNL 2 CTG6	86											
19ak	Gas; SENTNL 2 CTG7	81											
19al	Gas; SENTNL 2 CTG8	89											
19am	Gas; SYCAMR 2 UNIT 1	666											
19an	Gas; SYCAMR 2 UNIT 2	8											
19ao	Gas; SYCAMR 2 UNIT 4	10											
19ap	Gas; VESTAL 2 WELLHD	18											
19aq	Gas; WALCRK 2 CTG1	96											
19ar	Gas; WALCRK 2 CTG2	83											
19as	Gas; WALCRK 2 CTG3	91											
19at	Gas; WALCRK 2 CTG4	85											
19av	Gas; WALCRK 2 CTG5	89											
19aw	Gas; LAPLMA 2 UNIT 3	0											
19ax	Gas; NRG Energy Center Oxnard, LLC	0											
19ay	Gas; Stanton Energy Reliability Center, LLC	0											
19az	Gas; Stanton Energy Reliability Center, LLC	0											

line	Energy Balance Table (GWh)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
19ba	Gas; AES Alamitos Energy, LLC	0											
19bb	ES; AES ES Alamitos, LLC	0											
19bc	Gas; AES Huntington Beach Energy, LLC	0											
19bd	Gas; NRG California South LP- Ellwood	0											
19be	Gas; NRG California South LP- Ellwood	0											
19bf	ES; Alta Gas - Pomona battery storage 1 - 3	0											
19bg	ES; Powin Energy - Milligan ESS 1 - 1	0											
19bh	RPS; DIABLO 7 UNIT 1	0											
19bi	RPS; JAWBNE 2 NSRWND	0											
19bj													
19bk	Inter-Utility Contracts												
19bl													
19bm	Planned Resources: list each on lines inserted below this line												
19bn	Short Term and Spot Market Purchases (and Sales)												
19bo													
	ENERGY BALANCE SUMMARY												
21	Total: Existing and Planned Resources	42,244	43,907				51,679	51,707	49,446	46,001	44,641	45,831	45,305
22	Firm LSE Procurement Requirement	0	0				94,018	92,172	91,333	91,218	91,586	91,904	92,551
23	Net Surplus (or Need)						(42,339)	(40,465)	(41,887)	(45,218)	(46,945)	(46,073)	(47,247)
24	Generic Renewable Supply			0	0	0	0	0	0	0	0	0	0
25	Generic Non-Renewable Supply												

line [Notes](#)

* SCE system at generation plus MWD through September 17, 2017 only

***All dispatchable programs reported on form 3 4 are accounted for in line 1 (system peak) or on supply side

	A	B	C	D	E	F	G	H	I
1		State of California							
2		California Energy Commission							
3		ELECTRICITY RESOURCE PLANNING FORMS							
4		CEC Form S-5: Bilateral Contracts Table (issued 12/2016)							
5		Do not delete any rows or columns or change headers							
6		LSE Name on Admin Tab							
7		Where cell specifies more than one datum, separate data with a semicolon.							
8									
9	S-1 and S-2 line	Contract Name:	Supplier / Seller:	Unit Contingent / LD Contract:	Generating Unit(s) Specified	Plant/Unit Identifier- CAISO Resource ID	Plant/Unit Identifier- CEC ID	Plant/Unit Identifier- EIA Plant ID	Generating Unit(s) Status (Operational, Under Construction, Planned)
10	18c	[state fuel; then Renewable Contract 1 (Supplier Name)]							
11	18d	[Small Hydro; then Renewable Contract 2 (Supplier Name)]							
12	18e	[Solar; then Renewable Contract N, list planned resources last]							
13									
14	19c	[state fuel if known; then name Other Bilateral Contract 1 (Supplier Name)]							
15	19d	[state fuel; then list each resource, e.g. Natural Gas: Other Bilateral Contract 2 (Supplier Name)]							
16	19e	[Portfolio: Other Bilateral Contract 3 (Supplier Name)]							
17	19f	[System: Other Bilateral Contract N (Supplier Name)]							
18		Pacific Ultrapower Chinese Station	Pacific Ultrapower Chinese Station	Unit Contingent	ULTPCH 1 UNIT 1	ULTPCH 1 UNIT 1			Operational
19		Rio Bravo Rocklin	Rio Bravo Rocklin	Unit Contingent	ULTRCK 2 UNIT	ULTRCK 2 UNIT	E0099	10772	Planned
20		Rio Bravo Fresno	Rio Bravo Fresno	Unit Contingent	ULTPFR 1 UNIT 1	ULTPFR 1 UNIT 1	E0098	10767	Planned
21		Elk Hills Power, LLC	Elk Hills Power, LLC	Unit Contingent	ELKHIL 2 PL1X3	ELKHIL 2 PL1X3			Operational
22		Tesoro Refining & Marketing Company, LLC	Tesoro Refining & Marketing Company, LLC	Unit Contingent	HINSON 6 CARBG	HINSON 6 CARBGN			Planned
23		Sycamore Cogeneration Company (f/k/a 2810)- Baseload Units	Sycamore Cogeneration Company	Unit Contingent	SYCAMR 2 UNIT 1,	SYCAMR 2 UNIT 1,			Operational
24		Sycamore Cogeneration Company (f/k/a 2810)- Toll/ RA Units 2,4	Sycamore Cogeneration Company	Unit Contingent	SYCAMR 2 UNIT 2,	SYCAMR 2 UNIT 2,			Operational
25		Berry Petroleum Company (f/k/a 2805)	Berry Petroleum Company, LLC	Unit Contingent	TENGEN 2 PL1X2	TENGEN 2 PL1X2	G0032	52096	Operational
26		Berry Petroleum Company, LLC	Berry Petroleum Company, LLC	Unit Contingent	UNVRSY 1 UNIT 1	UNVRSY 1 UNIT 1	G0638	50170	Operational
27		U S Borax Inc (f/k/a 2806)	U S Borax Inc	Unit Contingent	HOLGAT 1 BORAX	HOLGAT 1 BORAX	G0625	50115	Operational
28		Hecate Energy Johanna Facility LLC (Storage Unit 1 - 10 MW)	Hecate Energy Johanna Facility LLC	Unit Contingent	TBD	TBD			Planned
29		Hecate Energy Johanna Facility LLC (Storage Unit 2 - 5 MW)	Hecate Energy Johanna Facility LLC	Unit Contingent	TBD	TBD			Planned
30		Valencia Energy Storage, LLC	Valencia Energy Storage, LLC	Unit Contingent	TBD	TBD			Planned
31		Stanton Energy Reliability Center, LLC (RA Only)	Stanton Energy Reliability Center, LLC	Unit Contingent	TBD	TBD			Planned
32		PPA Grand Johanna LLC	PPA Grand Johanna LLC	Unit Contingent	SANTGO 2 MABBT	SANTGO 2 MABBT1	N/A	N/A	Operational
33		AES ES Alamitos, LLC	AES ES Alamitos, LLC	Unit Contingent	TBD	TBD			Planned
34		Orange County Energy Storage 1 LLC	Orange County Energy Storage 1 LLC	Unit Contingent	TBD	TBD			Planned
35		Orange County Energy Storage 2 LLC	Orange County Energy Storage 2 LLC	Unit Contingent	TBD	TBD			Planned
36		Orange County Energy Storage 3 LLC	Orange County Energy Storage 3 LLC	Unit Contingent	TBD	TBD			Planned
37		AltaGas Pomona Energy Storage, Inc	AltaGas Pomona Energy Storage, Inc	Unit Contingent	CHINO 2 APEBT1	CHINO 2 APEBT1			Operational
38		Western Grid Development, LLC (RA Only)	Western Grid Development, LLC	TERMINATED					TERMINATED
39		Western Grid Development, LLC (RA Only)	Western Grid Development, LLC	TERMINATED					TERMINATED
40		New-Indy Ontario (f/k/a 2045)	New-Indy Ontario, LLC	Unit Contingent	ETIWND 2 UNIT1	ETIWND 2 UNIT1			Operational
41		New-Indy Oxnard (f/k/a 2055)	New-Indy Oxnard, LLC	Unit Contingent	SNCLRA 2 UNIT1	SNCLRA 2 UNIT1			Operational
42		Dynegy Moss Landing LLC	Dynegy Moss Landing LLC	Unit Contingent	MOSSLD 2 PSP1	MOSSLD 2 PSP1	G0372		Operational
43		Dynegy Moss Landing LLC	Dynegy Moss Landing LLC	Unit Contingent	MOSSLD 2 PSP2	MOSSLD 2 PSP2	G0372		Operational
44		NRG Energy Center Oxnard, LLC	NRG Energy Center Oxnard, LLC	Unit Contingent	TBD	TBD			Planned
45		Long Beach Generation LLC (formerly NRG)	Long Beach Generation LLC	Unit Contingent	HINSON 6 LBECH1,	HINSON 6 LBECH1,			Operational
46		Walnut Creek Energy, LLC	Walnut Creek Energy, LLC	Unit Contingent	WALCRK 2 CTG1,	WALCRK 2 CTG1,			Operational
47		NRG California South LP- Ellwood	NRG California South LP- Ellwood	Unit Contingent	GOLETA 6 ELLWO	GOLETA 6 ELLWOD	G0195		Planned
48		El Segundo Energy Center LLC (held by NRG Power Marketing,	El Segundo Energy Center LLC	Unit Contingent	ELSEGN 2 UN1011,	ELSEGN 2 UN1011,			Operational
49		Stanton Energy Reliability Center, LLC (2013 LCR RFO)	Stanton Energy Reliability Center, LLC	Unit Contingent	TBD	TBD			Planned
50		Delano Energy Center, LLC (Wellhead)	Delano Energy Center, LLC	Unit Contingent	VESTAL 2 WELLH	VESTAL 2 WELLHD	G1049		Operational
51		AES Alamitos Energy, LLC	AES Alamitos Energy, LLC	Unit Contingent	TBD	TBD			Planned
52		AES Huntington Beach Energy, LLC	AES Huntington Beach Energy, LLC	Unit Contingent	TBD	TBD			Planned
53		BE CA LLC- Alamitos (AES)	BE CA LLC- Alamitos	Unit Contingent	ALAMIT 7 UNIT 1,	ALAMIT 7 UNIT 1,	G0011	315	Operational
54		BE CA LLC- Huntington Beach (AES)	BE CA LLC- Huntington Beach	Unit Contingent	HNTGBH 7 UNIT 1,	HNTGBH 7 UNIT 1,	G0274	335	Operational
55		BE CA LLC- Redondo Beach (AES)	BE CA LLC- Redondo Beach	Unit Contingent	REDOND 7 UNIT 5,	REDOND 7 UNIT 5,	G0490	356	Operational
56		AES Alamitos, L L C	AES Alamitos, L L C	Unit Contingent	ALAMIT 7 UNIT 1,	ALAMIT 7 UNIT 1,	G0011	315	Operational
57		AES Huntington Beach, L L C	AES Huntington Beach, L L C	Unit Contingent	HNTGBH 7 UNIT 1,	HNTGBH 7 UNIT 1,	G0274	335	Operational
58		AES Redondo Beach, L L C	AES Redondo Beach, L L C	Unit Contingent	REDOND 7 UNIT 5,	REDOND 7 UNIT 5,	G0490	356	Operational
59		Blythe Energy Inc	Blythe Energy Inc	Unit Contingent	BUCKBL 2 PL1X3	BUCKBL 2 PL1X3	G0787	55295	Operational
60		Watson Cogeneration Company (f/k/a 2809)	Watson Cogeneration Company	Unit Contingent	ARCOGN 2 UNITS	ARCOGN 2 UNITS	G0035	50216	Operational
61		CPV Sentinel, LLC	CPV Sentinel, LLC	Unit Contingent	SENTNL 2 CTG1,	SENTNL 2 CTG1,	G0512	57482	Operational

Yellow pattern cells are used to apply for confidentiality



	A	B	C	D	E	F	G	H	I
	S-1 and S-2 line	Contract Name:	Supplier / Seller:	Unit Contingent / LD Contract:	Generating Unit(s) Specified	Plant/Unit Identifier- CAISO Resource ID	Plant/Unit Identifier- CEC ID	Plant/Unit Identifier- EIA Plant ID	Generating Unit(s) Status (Operational, Under Construction, Planned)
9									
62		Coso Clean Power, LLC (f/k/a 3008,3029,3030)	Coso Clean Power, LLC	Unit Contingent	NAVYII 2 UNITS	NAVYII 2 UNITS		10874	Operational
63		Terra-Gen Dixie Valley, LLC (f/k/a 3011)	Terra-Gen Dixie Valley, LLC	Unit Contingent	CONTRL 1 OXBOW	CONTRL 1 OXBOW	T0077		Operational
64		Geysers Power Company, LLC (f/k/a 3052)	Geysers Power Company, LLC	Unit Contingent - Portfolio	ADLIN 1 UNITS,	ADLIN 1 UNITS,	T0023, T0027, T0028,	52158, 286, 510, 50066	Operational
65		Geysers Power Company, LLC (f/k/a 3107)	Geysers Power Company, LLC	Unit Contingent - Portfolio	ADLIN 1 UNITS,	ADLIN 1 UNITS,	T0023, T0027, T0028,	52158, 286, 510, 50066	Operational
66		Geysers Power Company, LLC	Geysers Power Company, LLC	Unit Contingent - Portfolio	ADLIN 1 UNITS,	ADLIN 1 UNITS,	T0023, T0027, T0028,	52158, 286, 510, 50066	Operational
67		ORNI 18, LLC	ORNI 18, LLC	Unit Contingent	RAMON 2 SCEDYN	RAMON 2 SCEDYN	T0081		Operational
68		Republic Services of Sonoma County Energy Producers, Inc	Republic Services of Sonoma County Energy Producers, Inc	Unit Contingent	SNMALT 6 UNITS	SNMALT 6 UNITS	E0195	55752	Operational
69		Ventura Regional Sanitation District (Toland Rd)	Ventura Regional Sanitation District	Unit Contingent	SAUGUS 2 TOLAN	SAUGUS 2 TOLAND	E0256	10772	Operational
70		Riverside County Waste Management Dept	Riverside County Waste Management Dept	Unit Contingent	VALLEY 7 BADLN	VALLEY 7 BADLND	E0210	10767	Operational
71		MM Tajiguas Energy LLC	MM Tajiguas Energy LLC	Unit Contingent	GOLETA 6 TAJIGS	GOLETA 6 TAJIGS	E0095	55603	Operational
72		Boulder Canyon Project (Hoover Dam)	Western Area Power Administration (WAPA)	Unit Contingent	SCEHOV 2 HOOVE	SCEHOV 2 HOOVER	H0242	8902	Operational
73		Boulder Canyon Project (Hoover Dam)	Western Area Power Administration (WAPA) and Bureau of Reclamation	Unit Contingent	SCEHOV 2 HOOVE	SCEHOV 2 HOOVER	H0242	8902	Operational
74		Kaweah River Power Authority	Kaweah River Power Authority	Unit Contingent	RECTOR 2 QF	RECTOR 2 QF	H0262	54343	Operational
75		Lower Tule River Irrigation District (f/k/a 4028)	Lower Tule River Irrigation District	Unit Contingent	SPRGVL 2 TULESC	SPRGVL 2 TULESC	H0525	10222	Operational
76		Desert Water Agency (Whitewater) (f/k/a 4025)	Desert Water Agency	Unit Contingent	GARNET 2 HYDRO	GARNET 2 HYDRO	H0136	10162	Operational
77		Calleguas MWD (Springville Hydro) (f/k/a 4152)	Calleguas Municipal Water District	Unit Contingent	SNCLRA 2 SPRHYD	SNCLRA 2 SPRHYD	H0076	56125	Operational
78		Calleguas MWD (East Portal Hydro) (f/k/a 4022)	Calleguas Municipal Water District	Unit Contingent	SAUGUS 6 CREST	SAUGUS 6 CREST	H0078	50375	Operational
79		TKO Power, LLC (South Bear Creek)	TKO Power, LLC	Unit Contingent	TKOPWR 6 HYDRO	TKOPWR 6 HYDRO	H0507	50156	Operational
80		Desert Sunlight 250, LLC	Desert Sunlight 250, LLC	Unit Contingent	DSRTSN 2 SOLAR2	DSRTSN 2 SOLAR2		58542	Operational
81		Golden Springs Develop Co., LLC (Bldg C)	Golden Springs Develop Co., LLC	Unit Contingent	DELAGO 2 SOLRC	DELAGO 2 SOLRC1	S0208	57796	Operational
82		Golden Springs Develop Co, LLC (Bldg D)	Golden Springs Develop Co., LLC	Unit Contingent	DELAGO 2 SOLRD	DELAGO 2 SOLRD	S0209	57797	Operational
83		SEPV1, LLC	SEPV1, LLC	Unit Contingent	LITLRK 6 SEPV01	LITLRK 6 SEPV01			Operational
84		SEPV2, LLC	SEPV2, LLC	Unit Contingent	DEVERS 1 SEPV05	DEVERS 1 SEPV05			Operational
85		Solar Star California XIX, LLC (AVPV I)	Solar Star California XIX, LLC	Unit Contingent	SLSTR1 2 SOLAR1	SLSTR1 2 SOLAR1	S0252	58388	Operational
86		Solar Star California XX, LLC (AVPV II)	Solar Star California XX, LLC	Unit Contingent	SLSTR2 2 SOLAR2	SLSTR2 2 SOLAR2	S0253	58389	Operational
87		FTS Master Tenant 1, LLC (LDFRB) (f/k/a Lancaster Dry Farm	FTS Master Tenant 1 LLC	Unit Contingent	DELSUR 6 DRYFRB	DELSUR 6 DRYFRB	S9413	58750	Operational
88		Victor Dry Farm Ranch A, LLC (f/k/a FTP Solar, LLC)	Victor Dry Farm Ranch A LLC	Unit Contingent	VICTOR 1 VDRYFA	VICTOR 1 VDRYFA	S0417	58418	Operational
89		Victor Dry Farm Ranch B, LLC (f/k/a FTP Solar, LLC)	Victor Dry Farm Ranch B LLC	Unit Contingent	VICTOR 1 VDRYFB	VICTOR 1 VDRYFB	S0418	58419	Operational
90		Central Antelope Dry Ranch C, LLC (A&R)	Central Antelope Dry Ranch C, LLC	Unit Contingent	PLAINV 6 SOLARC	PLAINV 6 SOLARC		59963	Under Construction
91		North Lancaster Ranch, LLC (A&R)	North Lancaster Ranch, LLC	Unit Contingent	PLAINV 6 NLRSR1	PLAINV 6 NLRSR1			Under Construction
92		Sierra Solar Greenworks, LLC (A&R)	Sierra Solar Greenworks, LLC	Unit Contingent	PLAINV 6 SOLAR3	PLAINV 6 SOLAR3	S0432	59431	Operational
93		American Solar Greenworks, LLC (A&R) (f/k/a Summer Solar	American Solar Greenworks, LLC	Unit Contingent	DELSUR 6 SOLAR1	DELSUR 6 SOLAR1	S9251	58757	Operational
94		FTS Master Tenant 1, LLC (ESA) (f/k/a Expressway Solar A,	FTS Master Tenant 1 LLC	Unit Contingent	VICTOR 1 EXSLRA	VICTOR 1 EXSLRA	S0299	58761	Operational
95		FTS Master Tenant 1, LLC (ESB) (f/k/a Expressway Solar B,	FTS Master Tenant 1 LLC	Unit Contingent	VICTOR 1 EXSLRB	VICTOR 1 EXSLRB	S0413	58762	Operational
96		McCoy Solar, LLC	McCoy Solar, LLC	Unit Contingent	BLKCRK 2 SOLAR1	BLKCRK 2 SOLAR1	S0346	58462	Operational
97		Industry Solar Power Generation Station 1, LLC	Industry Solar Power Generation Station	Unit Contingent	RDWAY 1 CREST	RDWAY 1 CREST		58609	Operational
98		Highlander Solar 1, LLC (f/k/a SEPV8)	Highlander Solar 1, LLC	Unit Contingent	DEVERS 1 SOLAR1	DEVERS 1 SOLAR1	S9409	58234	Operational
99		Highlander Solar 2, LLC (f/k/a SEPV9)	Highlander Solar 2, LLC	Unit Contingent	DEVERS 1 SOLAR2	DEVERS 1 SOLAR2	S9410	58227	Operational
100		Summer Solar C2, LLC	Summer Solar C2, LLC	Unit Contingent	N/A	N/A		58755	Operational
101		Summer Solar D2, LLC	Summer Solar D2, LLC	Unit Contingent	N/A	N/A		58756	Operational
102		Summer Solar A2, LLC	Summer Solar A2 LLC	Unit Contingent	N/A	N/A		58753	Operational
103		Summer Solar B2, LLC	Summer Solar B2, LLC	Unit Contingent	N/A	N/A		58754	Operational
104		FTS Master Tenant 1 LLC (Rodeo Solar C2)	FTS Master Tenant 1 LLC	Unit Contingent	N/A	N/A		58751	Operational
105		FTS Master Tenant 1 LLC (Rodeo Solar D2)	FTS Master Tenant 1 LLC	Unit Contingent	N/A	N/A		58752	Operational
106		Expressway Solar C2, LLC (f/k/a FTS Master Tenant 1, LLC)	Expressway Solar C2, LLC	Unit Contingent	N/A	N/A		58763	Operational
107		FTS Master Tenant 2, LLC (f/k/a SEPV18, LLC (SEPV Little	SEPV18, LLC	Unit Contingent	LITLRK 6 SOLAR2	LITLRK 6 SOLAR2		59730	Operational
108		SEPV Palmdale East, LLC	SEPV Palmdale East, LLC	Unit Contingent	PMDLET 6 SOLAR1	PMDLET 6 SOLAR1	S0415	59273	Operational
109		Lancaster WAD B	Lancaster WAD B	Unit Contingent	ROSMND 6 SOLAR	ROSMND 6 SOLAR			Under Construction
110		Pumpjack Solar I, LLC	Pumpjack Solar I, LLC	Unit Contingent	PMPJCK 1 SOLAR1	PMPJCK 1 SOLAR1	S9416	59322	Operational
111		Citizen Solar B, LLC	Citizen Solar B, LLC	Unit Contingent	MNDOTA 1 SOLAR	MNDOTA 1 SOLAR2	S0423	59738	Operational
112		Wildwood Solar I, LLC	Wildwood Solar I, LLC	Unit Contingent	WLDWD 1 SOLAR1	WLDWD 1 SOLAR1	S0327	59380	Operational
113		67RK 8ME, LLC (Redcrest Solar Farm)	67RK 8 ME LLC	Unit Contingent	LAMONT 1 SOLAR	LAMONT 1 SOLAR5	S0431	58831	Operational
114		Central Antelope Dry Ranch B, LLC	Central Antelope Dry Ranch B, LLC	Unit Contingent	TBD	TBD			Planned
115		Lancaster Little Rock C LLC (f/k/a SPW Solar Holdings 1, LLC)	Lancaster Little Rock C LLC	Unit Contingent	LITLRK 6 SOLAR1	LITLRK 6 SOLAR1		59262	Operational
116		SEPV Mojave West, LLC	SEPV Mojave West, LLC	Unit Contingent	MOJAVW 2 SOLAR	MOJAVW 2 SOLAR		59740	Operational
117		Adera Solar, LLC (Chowchilla Solar)	Adera Solar, LLC	Unit Contingent	ADERA 1 SOLAR1	ADERA 1 SOLAR1	S0421	60027	Operational
118		Panoche Valley Solar, LLC	Panoche Valley Solar, LLC	Unit Contingent	TBD	TBD			Under Construction
119		Longboat Solar, LLC	Longboat Solar, LLC	Unit Contingent	TORTLA 1 SOLAR	TORTLA 1 SOLAR		60485	Under Construction
120		Rio Bravo Solar I, LLC	Rio Bravo Solar I, LLC	Unit Contingent	PMPJCK 1 SOLAR2	PMPJCK 1 SOLAR2		59249	Operational
121		Rio Bravo Solar II, LLC	Rio Bravo Solar II, LLC	Unit Contingent	PMPJCK 1 RB2SLR	PMPJCK 1 RB2SLR			Operational
122		Wildwood Solar II, LLC	Wildwood Solar II, LLC	Unit Contingent	WLDWD 1 SOLAR2	WLDWD 1 SOLAR2			Operational
123		SunE RAPID5222 LLC	SunE RAPID5222 LLC	TERMINATED					TERMINATED
124		SunE RAPID5223 LLC	SunE RAPID5223 LLC	TERMINATED					TERMINATED
125		Milestone Wildomar, LLC	Milestone Wildomar, LLC	Unit Contingent	TBD	TBD			Planned
126		Sunray Energy 3, LLC (SEGS I) (f/k/a 5005)	Sunray Energy 3, LLC	Unit Contingent	GALE 1 SR3SR3	GALE 1 SR3SR3		TBD	Under Construction
127		Neenach Solar 1B South, LLC	Neenach Solar 1B South, LLC	Unit Contingent	TBD	TBD			Planned

	A	B	C	D	E	F	G	H	I
	S-1 and S-2 line	Contract Name:	Supplier / Seller:	Unit Contingent / LD Contract:	Generating Unit(s) Specified	Plant/Unit Identifier- CAISO Resource ID	Plant/Unit Identifier- CEC ID	Plant/Unit Identifier- EIA Plant ID	Generating Unit(s) Status (Operational, Under Construction, Planned)
9									
128		Mirasol Murrieta 1	Mirasol Murrieta 1	TERMINATED					TERMINATED
129		Adelanto Solar, LLC	Adelanto Solar, LLC	Unit Contingent	VICTOR 1 SOLAR4	VICTOR 1 SOLAR4	S0410	59441	Operational
130		Adelanto Solar II, LLC	Adelanto Solar II, LLC	Unit Contingent	VICTOR 1 SOLAR3	VICTOR 1 SOLAR3	S0411	59440	Operational
131		Luz Solar Partners Ltd, III (SEGS III) (f/k/a 5017)	Luz Solar Partners Ltd, III	Unit Contingent	KRAMER 1 SEGS37	KRAMER 1 SEGS37	S0071		Operational
132		Luz Solar Partners Ltd, IV (SEGS IV) (f/k/a 5018)	Luz Solar Partners Ltd, IV	Unit Contingent	KRAMER 1 SEGS37	KRAMER 1 SEGS37	S0071		Operational
133		Luz Solar Partners Ltd, V (SEGS V) (f/k/a 5019)	Luz Solar Partners Ltd, V	Unit Contingent	KRAMER 1 SEGS37	KRAMER 1 SEGS37	S0071		Operational
134		Jacumba Solar, LLC	Jacumba Solar, LLC	Unit Contingent	TBD	TBD			Planned
135		Joshua Tree Solar Farm, LLC	Joshua Tree Solar Farm, LLC	Unit Contingent	TBD	TBD			Planned
136		Blythe Solar II, LLC	Blythe Solar II, LLC	Unit Contingent	DRACKR 2 SOLAR	DRACKR 2 SOLAR2		60092	Operational
137		Blythe Solar III, LLC	Blythe Solar III, LLC	Unit Contingent	TBD	TBD			Planned
138		Venable Solar, LLC (North)	Venable Solar, LLC	Unit Contingent	N/A	N/A		58289	Operational
139		Venable Solar, LLC (South)	Venable Solar, LLC	Unit Contingent	N/A	N/A		58290	Operational
140		PVN Milliken, LLC (Milliken Landfill Solar Facility)	PVNavigator, LLC	Unit Contingent	TBD	TBD			Under Construction
141		88FT 8me LLC (Mount Signal Solar II)	88FT 8me LLC	Unit Contingent	TBD	TBD			Planned
142		93LF 8me LLC (Mount Signal Solar V)	93LF 8me LLC	Unit Contingent	TBD	TBD			Planned
143		41ME 8me, LLC (Borden Solar Farms)	41MB 8me LLC	Unit Contingent	TBD	TBD			Planned
144		Antelope DSR 3, LLC	Antelope DSR 3, LLC	Unit Contingent	TBD	TBD			Planned
145		CED Corcoran Solar 2, LLC	CED Corcoran Solar 2, LLC	Unit Contingent	WAUKNA 1 SOLAR	WAUKNA 1 SOLAR2	S0335	59413	Operational
146		North Palm Springs Investments (#1A)	North Palm Springs Investments, LLC	Unit Contingent	BUCKWD 1 NPAL	BUCKWD 1 NPALM1	S0250	57743	Operational
147		North Palm Springs Investments (#4A)	North Palm Springs Investments, LLC	Unit Contingent	GARNET 1 SOLAR	GARNET 1 SOLAR	S0251	57722	Operational
148		CES DHS Solar I, LLC (DHS Solar 1)	CES DHS Solar I, LLC	Unit Contingent	DEVERS 2 DHSPG1	DEVERS 2 DHSPG1		58514	Operational
149		CES DHS Solar I, LLC (DHS Solar 2)	CES DHS Solar, LLC	Unit Contingent	DEVERS 2 DHSPG2	DEVERS 2 DHSPG2		58514	Operational
150		AVS Phase 2, LLC	AVS Phase 2, LLC	Unit Contingent	TBD	TBD			Planned
151		CED Atwell Island West, LLC	CED Atwell Island West, LLC	Unit Contingent	ATWEL2 1 SOLAR1	ATWEL2 1 SOLAR1	S0336	59414	Operational
152		Golden Springs Develop Co, LLC (Bldg H)	Golden Springs Develop Co, LLC	Unit Contingent	DELAMO 2 SOLAR	DELAMO 2 SOLAR1	S0438	58913	Operational
153		Golden Springs Develop Co, LLC (Bldg M)	Golden Springs Develop Co, LLC	Unit Contingent	DELAMO 2 SOLAR	DELAMO 2 SOLAR2	S0439	58912	Operational
154		CED Ducor Solar 1, LLC (f/k/a SR Solis Vestal Almond, LLC)	SR Solis Vestal Almond, LLC	Unit Contingent	CEDUCR 2 SOLAR1	CEDUCR 2 SOLAR1		60078	Operational
155		CED Ducor Solar 2, LLC (f/k/a SR Solis Vestal Herder, LLC)	SR Solis Vestal Herder, LLC	Unit Contingent	CEDUCR 2 SOLAR2	CEDUCR 2 SOLAR2		60079	Operational
156		CED Ducor Solar 4, LLC (f/k/a SR Solis Vestal Fireman, LLC)	SR Solis Vestal Fireman, LLC	Unit Contingent	CEDUCR 2 SOLAR4	CEDUCR 2 SOLAR4		60081	Operational
157		CED Ducor Solar 3, LLC (f/k/a SR Solis Crown, LLC)	SR Solis Crown, LLC	Unit Contingent	CEDUCR 2 SOLAR3	CEDUCR 2 SOLAR3		60080	Operational
158		Golden Springs Building F	Golden Springs Building F	Unit Contingent	DELAMO 2 SOLAR	DELAMO 2 SOLAR4			Operational
159		Golden Springs Building G	Golden Springs Building G	Unit Contingent	DELAMO 2 SOLAR	DELAMO 2 SOLAR3			Operational
160		Golden Springs Building L	Golden Springs Building L	Unit Contingent	DELAMO 2 SOLAR	DELAMO 2 SOLAR5			Operational
161		Freeway Springs	Freeway Springs	Unit Contingent	DELAMO 2 SOLAR	DELAMO 2 SOLAR6			Operational
162		Golden Solar, LLC (Dulles)	Golden Solar, LLC	Unit Contingent	ETIWND 2 SOLAR5	ETIWND 2 SOLAR5		60182	Operational
163		Solar Partners I, LLC (Ivanpah)	Solar Partners I, LLC	Unit Contingent	IVANPA 1 UNIT2	IVANPA 1 UNIT2	S0079	57073	Operational
164		Desert Stateline, LLC	Desert Stateline LLC	Unit Contingent	DSRTSL 2 SOLAR1	DSRTSL 2 SOLAR1	S0256	58646	Operational
165		Windhub Solar A, LLC	Windhub Solar A, LLC	Unit Contingent	TBD	TBD			Under Construction
166		American Kings Solar, LLC	American Kings Solar, LLC	Unit Contingent	TBD	TBD			Planned
167		Silver State Solar Power South, LLC	Silver State Solar Power South, LLC	Unit Contingent	PRIMM 2 SOLAR1	PRIMM 2 SOLAR1	S0436	58644	Operational
168		Tribal Solar (Fort Mojave Solar)	Tribal Solar, LLC	TERMINATED					TERMINATED
169		North Rosamond Solar, LLC	North Rosamond Solar, LLC	Unit Contingent	TBD	TBD			Planned
170		Portal Ridge Solar B, LLC	Portal Ridge Solar B, LLC	Unit Contingent	GLDFGR 6 SOLAR1	GLDFGR 6 SOLAR1			Under Construction
171		Sun Streams, LLC	Sun Streams, LLC	Unit Contingent	TBD	TBD			Planned
172		Willow Springs Solar, LLC	Willow Springs Solar, LLC	Unit Contingent	TBD	TBD			Planned
173		Sunshine Valley Solar, LLC	Sunshine Valley Solar, LLC	Unit Contingent	TBD	TBD			Planned
174		Newberry Solar 1, LLC	Newberry Solar 1 LLC	Unit Contingent	N/A	N/A		58226	Operational
175		Maverick Solar, LLC	Maverick Solar, LLC	Unit Contingent	TBD	TBD			Planned
176		Temescal Canyon RV, LLC	Temescal Canyon RV, LLC	Unit Contingent	N/A	N/A		57696	Operational
177		SS San Antonio West, LLC (f/k/a Chino South Building E)	SS San Antonio West LLC	Unit Contingent	CHINO 2 SASOLR	CHINO 2 SASOLR	S0210	57904	Operational
178		Garnet Solar Power Generation Station, 1 LLC	Garnet Solar Pwr Gen Station 1, LLC	Unit Contingent	GARNET 1 SOLAR2	GARNET 1 SOLAR2	S9401	58528	Operational
179		Radiance Solar 5 LLC	Radiance Solar 5 LLC	Unit Contingent	N/A	N/A		58355	Operational
180		Radiance Solar 4 LLC	Radiance Solar 4 LLC	Unit Contingent	N/A	N/A		58354	Operational
181		Kettering 1 (f/k/a Ever CT Solar Farm, LLC - Site 1A)	Kettering 1	Unit Contingent	LNCSTR 6 CREST	LNCSTR 6 CREST		59098	Operational
182		Kettering 2 (f/k/a Ever CT Solar Farm, LLC - Site 1B)	Kettering 2	Unit Contingent	LNCSTR 6 CREST	LNCSTR 6 CREST		59099	Operational
183		Division 1 (f/k/a Ever CT Solar Farm, LLC - Site 2A)	Division 1	Unit Contingent	LNCSTR 6 CREST	LNCSTR 6 CREST		59094	Operational
184		Division 2 (f/k/a Ever CT Solar Farm, LLC - Site 2B)	Division 2	Unit Contingent	LNCSTR 6 CREST	LNCSTR 6 CREST		59095	Operational
185		Division 3 (f/k/a Ever CT Solar Farm, LLC - Site 2C)	Division 3	Unit Contingent	LNCSTR 6 CREST	LNCSTR 6 CREST		59096	Operational
186		Lone Valley Solar Park I, LLC (f/k/a Agincourt)	Lone Valley Solar Park I, LLC	Unit Contingent	VICTOR 1 LVSLR1	VICTOR 1 LVSLR1	S0328	58417	Operational
187		Lone Valley Solar Park II, LLC (f/k/a Marathon)	Lone Valley Solar Park II, LLC	Unit Contingent	VICTOR 1 LVSLR2	VICTOR 1 LVSLR2	S0329	59237	Operational
188		RE Adams East, LLC	RE Adams East LLC	Unit Contingent	ADMEST 6 SOLAR	ADMEST 6 SOLAR	S0312	58984	Operational
189		PsomasFMG Lancaster Solar CREST, LLC	PsomasFMG Lancaster Solar CREST, LLC	Unit Contingent	OASIS 6 CREST	OASIS 6 CREST	S9233	59167	Operational
190		PsomasFMG Lancaster Solar CREST, LLC	PsomasFMG Lancaster Solar CREST, LLC	Unit Contingent	OASIS 6 CREST	OASIS 6 CREST	S9234		Operational
191		Catalina Solar 2, LLC	Catalina Solar 2, LLC	Unit Contingent	CATLNA 2 SOLAR2	CATLNA 2 SOLAR2	S0081	59334	Operational
192		Copper Mountain Solar 4	Copper Mountain Solar 4, LLC	Unit Contingent	COPMTN 2 SOLAR	COPMTN 2 SOLAR1	S0243	TBD	Operational
193		Mesquite Solar 2	Mesquite Solar 2	Unit Contingent	MSOLAR 2 SOLAR2	MSOLAR 2 SOLAR2		60307	Operational

	A	B	C	D	E	F	G	H	I
9	S-1 and S-2 line	Contract Name:	Supplier / Seller:	Unit Contingent / LD Contract:	Generating Unit(s) Specified	Plant/Unit Identifier- CAISO Resource ID	Plant/Unit Identifier- CEC ID	Plant/Unit Identifier- EIA Plant ID	Generating Unit(s) Status (Operational, Under Construction, Planned)
194		NRG Solar Blythe, LLC	NRG Solar Blythe LLC	Unit Contingent	BLYTHE 1 SOLAR1	BLYTHE 1 SOLAR1	S0111	56939	Operational
195		TA - High Desert LLC (Antelope)	TA High Desert LLC	Unit Contingent	GLOW 6 SOLAR	GLOW 6 SOLAR	S0239	58149	Operational
196		Industry Metrolink PV 1	Industry Metrolink PV 1, LLC	Unit Contingent	WALNUT 2 SOLAR	WALNUT 2 SOLAR	S0221	57860	Operational
197		NRG Solar Oasis LLC	NRG Solar Oasis LLC	Unit Contingent	OASIS 6 SOLAR2	OASIS 6 SOLAR2		59528	Operational
198		Kona Solar, LLC (Park Meridian 1)	Kona Solar LLC	Unit Contingent	VALLEY 5 SOLAR1	VALLEY 5 SOLAR1	S0162	59539	Operational
199		Kona Solar, LLC (Terra Francesco 1)	Kona Solar LLC	Unit Contingent	CHINO 2 SOLAR2	CHINO 2 SOLAR2	S0433	59541	Operational
200		Kona Solar, LLC (Rancho Cucamonga Distribution Center 1)	Kona Solar LLC	Unit Contingent	PADUA 2 SOLAR1	PADUA 2 SOLAR1	S0446	59540	Operational
201		Algonquin SKIC 10 Solar, LLC (f/k/a TC Valos Solar Energy,	Algonquin SKIC 10 Solar, LLC	Unit Contingent	SKERN 6 SOLAR2	SKERN 6 SOLAR2		60242	Operational
202		Regulus Solar, LLC	Regulus Solar, LLC	Unit Contingent	LAMONT 1 SOLAR	LAMONT 1 SOLAR1	S0321	57650	Operational
203		Adobe Solar, LLC	Adobe Solar, LLC	Unit Contingent	ADOBEE 1 SOLAR	ADOBEE 1 SOLAR	S0308	57651	Operational
204		Orion Solar II, LLC	Orion Solar II, LLC	Unit Contingent	ARVINN 6 ORION2	ARVINN 6 ORION2	S0307	58721	Operational
205		Vega Solar, LLC	Vega Solar, LLC	Unit Contingent	VEGA 6 SOLAR1	VEGA 6 SOLAR1	S0337	59555	Operational
206		SunEdison - Hesperia	DG Solar Lessee, LLC	Unit Contingent	VICTOR 1 SLRHES	VICTOR 1 SLRHES	S0168	59182	Operational
207		Snowline - Duncan Rd (North)	DG Solar Lessee, LLC	Unit Contingent	VICTOR 1 CRST10	VICTOR 1 CREST	S0351	59359	Operational
208		Snowline - Duncan Rd (South)	DG Solar Lessee, LLC	Unit Contingent	VICTOR 1 CRST11	VICTOR 1 CREST	S0352	59360	Operational
209		Snowline - White Rd (North)	DG Solar Lessee, LLC	Unit Contingent	VICTOR 1 CRST13	VICTOR 1 CREST	S0353	59422	Operational
210		Snowline - White Rd (Central)	DG Solar Lessee, LLC	Unit Contingent	VICTOR 1 CRST12	VICTOR 1 CREST	S0355	59423	Operational
211		Snowline - White Rd (South)	DG Solar Lessee, LLC	Unit Contingent	VICTOR 1 CRST14	VICTOR 1 CREST	S0354	59421	Operational
212		SunE DB 23, LLC (f/k/a Sestina Solar II, LLC)	SunE Solar XVI Lessor, LLC	Unit Contingent	ETIWND 2 SOLAR2	ETIWND 2 SOLAR2		60032	Operational
213		SunE - E Philadelphia Ontario	DG Solar Lessee II, LLC	Unit Contingent	ETIWND 2 SOLAR1	ETIWND 2 SOLAR1		59916	Operational
214		Valentine Solar, LLC	Valentine Solar, LLC	Unit Contingent	TBD	TBD			Planned
215		Green Beanworks C, LLC	Green Beanworks C, LLC	Unit Contingent	TBD	TBD			Planned
216		Green Beanworks D, LLC	Green Beanworks D, LLC	Unit Contingent	TBD	TBD			Planned
217		Nicolis, LLC (Weldon Solar)	Nicolis, LLC	Unit Contingent	VESTAL 2 SOLAR1	VESTAL 2 SOLAR1		59600	Under Construction
218		Tropico, LLC (Great Lakes)	Tropico, LLC	Unit Contingent	VESTAL 2 SOLAR2	VESTAL 2 SOLAR2		59599	Under Construction
219		Little Rock - Pham Solar, LLC	Little Rock - Pham Solar, LLC	Unit Contingent	LITLRK 6 SOLAR4	LITLRK 6 SOLAR4		60026	Operational
220		L-8 Solar Project, LLC	L-8 Solar Project, LLC	Unit Contingent	N/A	N/A		57836	Operational
221		Heliocentric, LLC	Heliocentric, LLC	Unit Contingent	N/A	N/A		57831	Operational
222		One Ten Partners, LLC	One Ten Partners, LLC	Unit Contingent	TBD	TBD			Under Construction
223		Sequoia PV 1, LLC (Tulare 1)	Sequoia PV 1, LLC	Unit Contingent	RECTOR 2 CREST	RECTOR 2 CREST		58642	Operational
224		Sequoia PV 1, LLC (Tulare 2)	Sequoia PV 1, LLC	Unit Contingent	RECTOR 2 CREST	RECTOR 2 CREST		58642	Operational
225		Sequoia PV 1 LLC (Farmersville 1)	Sequoia PV 1, LLC	Unit Contingent	RECTOR 2 CREST	RECTOR 2 CREST		59203	Operational
226		Sequoia PV 1 LLC (Farmersville 2)	Sequoia PV 1, LLC	Unit Contingent	RECTOR 2 CREST	RECTOR 2 CREST		59203	Operational
227		Coronal Lost Hills (f/k/a Isis Solar, LLC)	Coronal Lost Hills, LLC	Unit Contingent	TWISSL 6 SOLAR1	TWISSL 6 SOLAR1	S0434	59638	Operational
228		Sequoia PV 1 LLC (Farmersville 3)	Sequoia PV 1, LLC	Unit Contingent	RECTOR 2 CREST	RECTOR 2 CREST		59203	Operational
229		Sequoia PV 3 LLC (Porterville 6)	Sequoia PV 3, LLC	Unit Contingent	SPRGVL 2 CREST	SPRGVL 2 CREST		59219	Operational
230		Sequoia PV 3 LLC (Porterville 7)	Sequoia PV 3, LLC	Unit Contingent	SPRGVL 2 CREST	SPRGVL 2 CREST		59219	Operational
231		Sequoia PV 2, LLC (Hanford 1)	Sequoia PV 2, LLC	Unit Contingent	RECTOR 2 CREST	RECTOR 2 CREST		59300	Operational
232		Sequoia PV 2, LLC (Hanford 2)	Sequoia PV 2, LLC	Unit Contingent	RECTOR 2 CREST	RECTOR 2 CREST		59300	Operational
233		CF SBC Master Tenant One LLC (f/k/a Adelanto West 1)	CF SBC Master Tenant One LLC	Unit Contingent	RDWAY 1 CREST	RDWAY 1 CREST		59536	Operational
234		CF SBC Master Tenant One LLC (f/k/a Adelanto West 2)	CF SBC Master Tenant One LLC	Unit Contingent	RDWAY 1 CREST	RDWAY 1 CREST		59537	Operational
235		Morgan Lancaster I, LLC	Morgan Lancaster I, LLC	Unit Contingent	OASIS 6 SOLAR1	OASIS 6 SOLAR1	S0435	59942	Operational
236		RE Rio Grande, LLC	RE Rio Grande, LLC	Unit Contingent	GLDTWN 6 SOLAR	GLDTWN 6 SOLAR	S0278	58500	Operational
237		RE Walker Pass A, LLC	RE Walker Pass A, LLC	Unit Contingent	TBD	TBD			Under Construction
238		RE Tranquility 8 Azul, LLC	RE Tranquility 8 Azul, LLC	Unit Contingent	TBD	TBD			Under Construction
239		RE Rosamond Two, LLC	RE Rosamond Two, LLC	Unit Contingent	RSMSLR 6 SOLAR2	RSMSLR 6 SOLAR2	S0287	58499	Operational
240		RE Victor Phelan Solar One, LLC	RE Victor Phelan Solar One, LLC	Unit Contingent	VICTOR 1 SOLAR1	VICTOR 1 SOLAR1	S0279	58202	Operational
241		Powhatan Solar Power Generation Station 1, LLC	Powhatan Solar Power Generation Station 1, LLC	Unit Contingent	N/A	N/A		58611	Operational
242		Otoe Solar Power Generation Station 1, LLC	Otoe Solar Power Generation Station 1, LLC	Unit Contingent	N/A	N/A		58612	Operational
243		Navajo Solar Power Generation Station 1, LLC	Navajo Solar Power Generation Station 1, LLC	Unit Contingent	N/A	N/A		58610	Operational
244		RE Columbia Three, LLC	RE Columbia 3 LLC	Unit Contingent	GLDTWN 6 COLU	GLDTWN 6 COLUM3	S0294	58502	Operational
245		Treen Solar 1, LLC	Treen Solar 1, LLC	Unit Contingent	OASIS 6 CREST	OASIS 6 CREST		58445	Operational
246		Treen Solar 2, LLC	Treen Solar 2, LLC	Unit Contingent	OASIS 6 CREST	OASIS 6 CREST		58445	Operational
247		Annie Power, LLC	Annie Power, LLC	Unit Contingent	OASIS 6 CREST	OASIS 6 CREST		58446	Operational
248		J Ram Solar 1, LLC	J Ram Solar 1, LLC	Unit Contingent	OASIS 6 CREST	OASIS 6 CREST		58447	Operational
249		J Ram Solar 2, LLC	J Ram Solar 2, LLC	Unit Contingent	OASIS 6 CREST	OASIS 6 CREST		58447	Operational
250		J Ram Solar 3, LLC	J Ram Solar 3, LLC	Unit Contingent	OASIS 6 CREST	OASIS 6 CREST		58447	Operational
251		Sandra Energy, LLC	Sandra Energy, LLC	Unit Contingent	N/A	N/A		58452	Operational

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9	S-1 and S-2 line	Contract Name:	Supplier / Seller:	Unit Contingent / LD Contract:	Generating Unit(s) Specified	Plant/Unit Identifier- CAISO Resource ID	Plant/Unit Identifier- CEC ID	Plant/Unit Identifier- EIA Plant ID	Generating Unit(s) Status (Operational, Under Construction, Planned)
252		Dreamer Solar, LLC	Dreamer Solar, LLC	Unit Contingent	OASIS 6 CREST	OASIS 6 CREST		58451	Operational
253		Drew Energy, LLC	Drew Energy, LLC	Unit Contingent	N/A	N/A		58448	Operational
254		Voyager Solar 1, LLC	Voyager Solar 1, LLC	Unit Contingent	SHUTLE 6 CREST	SHUTLE 6 CREST		58449	Operational
255		Voyager Solar 2, LLC	Voyager Solar 2, LLC	Unit Contingent	SHUTLE 6 CREST	SHUTLE 6 CREST		58449	Operational
256		Voyager Solar 3, LLC	Voyager Solar 3, LLC	Unit Contingent	SHUTLE 6 CREST	SHUTLE 6 CREST		58449	Operational
257		Becca Solar, LLC	Becca Solar, LLC	Unit Contingent	OASIS 6 CREST	OASIS 6 CREST		58450	Operational
258		Toro Power 1, LLC	Toro Power 1, LLC	Unit Contingent	RDWAY 1 CREST	RDWAY 1 CREST		58454	Operational
259		California PV Energy, LLC (Champagne Ave)	California PV Energy, LLC	Unit Contingent	ETIWND 2 CHMPN	ETIWND 2 CHMPNE	S9414	58581	Operational
260		California PV Energy, LLC (Jurupa Ave)	California PV Energy, LLC	Unit Contingent	CHINO 2 JURUPA	CHINO 2 JURUPA	S9412	58582	Operational
261		Victor Mesa Linda B2 LLC	Victor Mesa Linda B2 LLC	Unit Contingent	N/A	N/A		59269	Operational
262		Victor Mesa Linda C2 LLC	Victor Mesa Linda C2 LLC	Unit Contingent	N/A	N/A		59270	Operational
263		Victor Mesa Linda D2 LLC	Victor Mesa Linda D2 LLC	Unit Contingent	N/A	N/A		59271	Operational
264		Victor Mesa Linda E2 LLC	Victor Mesa Linda E2 LLC	Unit Contingent	N/A	N/A		59272	Operational
265		Mitchell Solar, LLC	Mitchell Solar, LLC	Unit Contingent	N/A	N/A		59411	Operational
266		Rudy Solar, LLC	Rudy Solar, LLC	Unit Contingent	N/A	N/A		59410	Operational
267		Madelyn Solar, LLC	Madelyn Solar, LLC	Unit Contingent	N/A	N/A		59409	Operational
268		RE Tranquility	RE Tranquility LLC	Unit Contingent	TBD	TBD			Under Construction
269		RE Garland A, LLC	RE Garland A, LLC	Unit Contingent	GARLND 2 GASLR	GARLND 2 GASLRA		60386	Under Construction
270		RE Garland, LLC	RE Garland, LLC	Unit Contingent	GARLND 2 GASLR	GARLND 2 GASLR		60233	Operational
271		Solar Star California XIII, LLC (Quinto)	Solar Star California XIII, LLC	Unit Contingent	SLST13 2 SOLAR1	SLST13 2 SOLAR1	S0443	59339	Operational
272		Tulare PV I, LLC (Exeter 1)	Tulare PV I, LLC	Unit Contingent	SPRGVL 2 CREST	SPRGVL 2 CREST		58306	Operational
273		Tulare PV I, LLC (Exeter 2)	Tulare PV I, LLC	Unit Contingent	SPRGVL 2 CREST	SPRGVL 2 CREST		58306	Operational
274		Tulare PV I, LLC (Exeter 3)	Tulare PV I, LLC	Unit Contingent	SPRGVL 2 CREST	SPRGVL 2 CREST		58306	Operational
275		Tulare PV I, LLC (Lindsay 1)	Tulare PV I, LLC	Unit Contingent	SPRGVL 2 CREST	SPRGVL 2 CREST		58308	Operational
276		Tulare PV I, LLC (Lindsay 3)	Tulare PV I, LLC	Unit Contingent	SPRGVL 2 CREST	SPRGVL 2 CREST		58308	Operational
277		Tulare PV I, LLC (Lindsay 4)	Tulare PV I, LLC	Unit Contingent	SPRGVL 2 CREST	SPRGVL 2 CREST		58308	Operational
278		Tulare PV I, LLC (Ivanhoe 1)	Tulare PV I, LLC	Unit Contingent	RECTOR 2 CREST	RECTOR 2 CREST		58307	Operational
279		Tulare PV I, LLC (Ivanhoe 3)	Tulare PV I, LLC	Unit Contingent	RECTOR 2 CREST	RECTOR 2 CREST		58307	Operational
280		Tulare PV I, LLC (Porterville 1)	Tulare PV I, LLC	Unit Contingent	SPRGVL 2 CREST	SPRGVL 2 CREST		58309	Operational
281		Tulare PV I, LLC (Porterville 2)	Tulare PV I, LLC	Unit Contingent	SPRGVL 2 CREST	SPRGVL 2 CREST		58309	Operational
282		Tulare PV I, LLC (Porterville 5)	Tulare PV I, LLC	Unit Contingent	SPRGVL 2 CREST	SPRGVL 2 CREST		58309	Operational
283		Diamond Valley Solar, LLC (f/k/a Ecos Energy, LLC)	Diamond Valley Solar LLC	Unit Contingent	N/A	N/A		59405	Operational
284		US Topco Energy, Inc (Soccer Center)	US Topco Energy, Inc	Unit Contingent	OASIS 6 SOLAR3	OASIS 6 SOLAR3			Under Construction
285		SolarCity Corporation (f/k/a Lancaster Solar 1)	SolarCity Corporation	Unit Contingent	REDMAN 2 SOLAR	REDMAN 2 SOLAR			Under Construction
286		North Hurlburt Wind, LLC	North Hurlburt Wind, LLC	Unit Contingent	SCE1 MALIN500 I	SCE1 MALIN500 I F CSFNO1			Operational
287		South Hurlburt Wind, LLC	South Hurlburt Wind, LLC	Unit Contingent	SCE1 MALIN500 I	SCE1 MALIN500 I F CSFSO1			Operational
288		Horseshoe Bend Wind, LLC	Horseshoe Bend Wind, LLC	Unit Contingent	SCE1 MALIN500 I	SCE1 MALIN500 I F CSFHB1			Operational
289		Goshen Phase II, LLC	Goshen Phase II LLC	Unit Contingent	N/A	N/A		57211	Operational
290		Broadview Energy KW, LLC	Broadview Energy KW, LLC	Unit Contingent	BEKWJS 5 BV1SCE	BEKWJS 5 BV1SCEDYN			Operational
291		Broadview Energy JN, LLC	Broadview Energy JN, LLC	Unit Contingent	BEJNLS 5 BV2SCE	BEJNLS 5 BV2SCEDYN			Operational
292		Dillon Wind LLC (A&R)	Dillon Wind LLC	Unit Contingent	TIFFNY 1 DILLON	TIFFNY 1 DILLON			Operational
293		San Gorgonio Westwinds II- Windustries, LLC (f/k/a 6058)	San Gorgonio WestWinds II - Windustries, LLC	Unit Contingent	GARNET 2 WIND4	GARNET 2 WIND4		50690	Operational
294		El Cabo Wind, LLC	El Cabo Wind, LLC	Unit Contingent	TBD	TBD			Under Construction
295		Tule Wind	Tule Wind	Unit Contingent	TBD	TBD			Under Construction
296		Voyager Wind I, LLC	Voyager Wind I, LLC	Unit Contingent	TBD	TBD			Planned
297		Cameron Ridge II, LLC (f/k/a 6091)	Cameron Ridge II, LLC	Unit Contingent	FLOWD 2 WIND1	FLOWD 2 WIND1		10586	Operational
298		Alta Wind I, LLC	Alta Wind I, LLC	Unit Contingent	ALTA4A 2 CPCW1	ALTA4A 2 CPCW1	W0370	57282	Operational
299		Alta Wind II, LLC	Alta Wind II, LLC	Unit Contingent	ALTA4B 2 CPCW2	ALTA4B 2 CPCW2	W0372	57291	Operational
300		Alta Wind III, LLC	Alta Wind III, LLC	Unit Contingent	ALTA4B 2 CPCW3	ALTA4B 2 CPCW3	W0387	57292	Operational
301		Alta Wind IV, LLC	Alta Wind IV, LLC	Unit Contingent	ALTA3A 2 CPCE4	ALTA3A 2 CPCE4	W0388	57293	Operational
302		Alta Wind V, LLC	Alta Wind V, LLC	Unit Contingent	ALTA3A 2 CPCE5	ALTA3A 2 CPCE5	W0389	57294	Operational
303		Alta Wind X, LLC	Alta Wind X, LLC	Unit Contingent	ALTA6E 2 WIND10	ALTA6E 2 WIND10		58394	Operational
304		Alta Wind XI, LLC	Alta Wind XI, LLC	Unit Contingent	ALTA6B 2 WIND11	ALTA6B 2 WIND11		58395	Operational
305		Mountain View Power Partners IV, LLC	Mountain View Power Partners IV, LLC	Unit Contingent	BLAST 1 WIND	BLAST 1 WIND		57459	Operational
306		Mountain View Power Partners, LLC	Mountain View Power Partners, LLC	Unit Contingent	MTWIND 1 UNIT 1,	MTWIND 1 UNIT 1,			Operational
307		Yavi Energy (f/k/a 6052)	Yavi Energy	Unit Contingent	GARNET 2 WIND5	GARNET 2 WIND5		50820	Operational
308		Rising Tree Wind Farm III, LLC (f/k/a Alta XIII)	Rising Tree Wind Farm III, LLC	Unit Contingent	TBD	TBD			Operational
309		Rising Tree Wind Farm, LLC	Rising Tree Wind Farm, LLC	Unit Contingent	TBD	TBD			Operational
310		Windstar Energy, LLC	Windstar Energy, LLC	Unit Contingent	WNDSTR 2 WIND	WNDSTR 2 WIND			Operational
311		Alta Wind VIII, LLC	Alta Wind VIII, LLC	Unit Contingent	ALTA3A 2 CPCE8	ALTA3A 2 CPCE8	W0393	57835	Operational
312		Coram Energy, LLC (f/k/a 6055)	Coram Energy LLC	Unit Contingent	MIDWD 2 WIND2	MIDWD 2 WIND2		54299	Operational
313		Windland Refresh 1, LLC (f/k/a 6011)	Windland Refresh 1, LLC	Unit Contingent	MIDWD 6 WNDLN	MIDWD 6 WNDLND		50386	Operational
314		Windland Refresh 2, LLC (f/k/a 6097)	Windland Refresh 2, LLC	Unit Contingent	MIDWD 2 WIND1	MIDWD 2 WIND1		50386	Operational
315		Mustang Hills, LLC	Mustang Hills, LLC	Unit Contingent	ALTA4B 2 CPCW6	ALTA4B 2 CPCW6	W0406	57833	Operational
316		Pinyon Pines Wind I, LLC	Pinyon Pines Wind I, LLC	Unit Contingent	ALT6DN 2 WIND7	ALT6DN 2 WIND7	W0415	57834	Operational
317		Pinyon Pines Wind II, LLC	Pinyon Pines Wind II, LLC	Unit Contingent	ALT6DS 2 WIND9	ALT6DS 2 WIND9	W0416	57837	Operational

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	City or Locality of Specified Unit(s)	Fuel Type	Supply Resources(s) Balancing Area	Supply Resource(s) Delivery Zone/Point	Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products	Availability of Products	Must Take	Firm:	Firming or Shaping for Variable Resources
9												
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18	Jamestown, CA	Biomass	California Independent System Operator (CAISO)	CAISO NP15	3/8/2017 ESTIMATED COD	5 yrs from COD	18	Bundled Product				
19	Lincoln, CA	Biomass	California Independent System Operator (CAISO)	CAISO NP15	4/1/2017 ESTIMATED COD	5 yrs from COD	24 4	Bundled Product				
20	Fresno, CA	Biomass	California Independent System Operator (CAISO)	CAISO SP15	4/1/2017 ESTIMATED COD	5 yrs from COD	24 3	Bundled Product				
21	Tupman, CA	Cogeneration	California Independent System Operator (CAISO)	CAISO ZP26	1/1/2016	12/31/2019	200	UC toll - Capacity, Resource Adequacy Benefit				
22	Wilmington, CA	Cogeneration	California Independent System Operator (CAISO)	CAISO SP15	4/1/2017 ESTIMATED COD	4 yrs from COD	31	UC toll - Capacity, Resource Adequacy Benefit				
23	Big Creek - Ventura	Cogeneration	California Independent System Operator (CAISO)	CAISO SP15	1/1/2014	12/31/2020	170	Baseload				
24	Big Creek - Ventura	Cogeneration	California Independent System Operator (CAISO)	CAISO SP15	1/1/2014	12/31/2020	148	Toll/Resource Adequacy				
25	Los Angeles County, CA	Cogeneration	California Independent System Operator (CAISO)	CAISO SP15	7/1/2014	6/30/2021	39 2	Baseload				
26	Los Angeles County, CA	Cogeneration	California Independent System Operator (CAISO)	CAISO ZP26	7/1/2015	6/30/2022	38	Baseload				
27	Boron, CA	Cogeneration	California Independent System Operator (CAISO)	CAISO SP15	7/1/2015	6/30/2022	30	Baseload				
28	Santa Ana, CA	Energy Storage	California Independent System Operator (CAISO)	CAISO SP15	1/1/2020 ESTIMATED COD	10 yrs from COD	10	Resource Adequacy				
29	Santa Ana, CA	Energy Storage	California Independent System Operator (CAISO)	CAISO SP15	1/1/2020 ESTIMATED COD	10 yrs from COD	5	Resource Adequacy				
30	Irvine, CA	Energy Storage	California Independent System Operator (CAISO)	CAISO SP15	1/1/2020 ESTIMATED COD	15 yrs from COD	10	Resource Adequacy				
31	LA Basin	Energy Storage	California Independent System Operator (CAISO)	CAISO SP15	6/1/2020 ESTIMATED COD	N/A	N/A	Resource Adequacy				
32	Irvine, CA	Energy Storage	California Independent System Operator (CAISO)	CAISO SP15	1/13/2017	12/31/2026	2	Resource Adequacy				
33	Long Beach	Energy Storage	California Independent System Operator (CAISO)	CAISO SP15	1/1/2021 ESTIMATED COD	20 yrs from COD	100	Resource Adequacy (with Energy Put Option)				
34	Santa Ana, CA	Energy Storage	California Independent System Operator (CAISO)	CAISO SP15	12/1/2019 ESTIMATED COD	20 yrs from COD	20	Resource Adequacy				
35	Santa Ana, CA	Energy Storage	California Independent System Operator (CAISO)	CAISO SP15	12/1/2019 ESTIMATED COD	20 yrs from COD	9	Resource Adequacy				
36	Santa Ana, CA	Energy Storage	California Independent System Operator (CAISO)	CAISO SP15	12/1/2019 ESTIMATED COD	20 yrs from COD	6	Resource Adequacy				
37	Pomona, CA	Energy Storage	California Independent System Operator (CAISO)	CAISO SP15	12/31/2016	12/31/2026	20	Resource Adequacy				
38	Santa Paula, CA	Energy Storage	California Independent System Operator (CAISO)	CAISO SP15	TERMINATED	TERMINATED	5	Resource Adequacy				
39	Santa Paula, CA	Energy Storage	California Independent System Operator (CAISO)	CAISO SP15	TERMINATED	TERMINATED	10	Resource Adequacy				
40	Ontario, CA	Gas	California Independent System Operator (CAISO)	CAISO SP15	1/1/2016	12/31/2022	37	Baseload				
41	Oxnard, CA	Gas	California Independent System Operator (CAISO)	CAISO SP15	4/1/2016	2/28/2023	14	Baseload				
42	Moss Landing, CA	Gas	California Independent System Operator (CAISO)	CAISO NP15	1/1/2017	12/31/2019	52 5	Resource Adequacy				
43	Moss Landing, CA	Gas	California Independent System Operator (CAISO)	CAISO NP15	1/1/2017	12/31/2019	350	Resource Adequacy				
44	Oxnard, CA	Gas	California Independent System Operator (CAISO)	CAISO SP15	6/1/2020 ESTIMATED COD	5/31/2040	N/A	Resource Adequacy				
45	Long Beach, CA	Gas	California Independent System Operator (CAISO)	CAISO SP15	2/15/2007	7/31/2017	260	Toll/Resource Adequacy				
46	Industry, CA	Gas	California Independent System Operator (CAISO)	CAISO SP15	6/1/2013	5/31/2023	478 8	Toll/Resource Adequacy				
47	Goleta, CA	Gas	California Independent System Operator (CAISO)	CAISO SP15	1/1/2019 ESTIMATED COD	10 yrs from COD	54	Toll/Resource Adequacy				
48	El Segundo, CA	Gas	California Independent System Operator (CAISO)	CAISO SP15	3/5/2008	7/31/2023	522 34	Toll/Resource Adequacy				
49	Western LA Basin	Gas	California Independent System Operator (CAISO)	CAISO SP15	7/1/2020 ESTIMATED COD	N/A	1 3	Resource Adequacy				
50	Delano, CA	Gas	California Independent System Operator (CAISO)	CAISO SP15	1/15/2013	1/16/2023	48 5	Toll/Resource Adequacy				
51	Long Beach	Gas	California Independent System Operator (CAISO)	CAISO SP15	6/1/2020 ESTIMATED COD	20 yrs from COD	640	Resource Adequacy (with Energy Put Option)				
52	Huntington Beach	Gas	California Independent System Operator (CAISO)	CAISO SP15	5/1/2020 ESTIMATED COD	20 yrs from COD	644	Resource Adequacy (with Energy Put Option)				
53	Long Beach	Gas	California Independent System Operator (CAISO)	CAISO SP15	10/1/2013	5/31/2018	1950	Bundled Product (tolling and capacity)				
54	Huntington Beach	Gas	California Independent System Operator (CAISO)	CAISO SP15	10/1/2013	5/31/2018	430	Bundled Product (tolling and capacity)				
55	Redondo Beach	Gas	California Independent System Operator (CAISO)	CAISO SP15	10/1/2013	5/31/2018	1310	Bundled Product (tolling and capacity)				
56	Long Beach	Gas	California Independent System Operator (CAISO)	CAISO SP15	6/1/2018 ESTIMATED COD	12/31/2020 (with son	2010 38	Resource Adequacy				
57	Huntington Beach	Gas	California Independent System Operator (CAISO)	CAISO SP15	6/1/2018 ESTIMATED COD	12/31/2020 (with son	451 55	Resource Adequacy				
58	Redondo Beach	Gas	California Independent System Operator (CAISO)	CAISO SP15	6/1/2018 ESTIMATED COD	12/31/2020 (with son	1355 73	Resource Adequacy				
59	Blythe, CA	Gas	California Independent System Operator (CAISO)	CAISO SP15	8/1/2010	7/31/2020	490	Toll/Resource Adequacy				
60	Carson, CA	Gas	California Independent System Operator (CAISO)	CAISO SP15	7/1/2015	9/30/2022	282	Baseload				
61	North Palm Springs, CA	Gas	California Independent System Operator (CAISO)	CAISO SP15	8/1/2013	7/31/2023	728	Toll/Resource Adequacy				

	J	K	L	M	N	O	P	Q	R	S	T	U
	City or Locality of Specified Unit(s)	Fuel Type	Supply Resources(s) Balancing Area	Supply Resource(s) Delivery Zone/Point	Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products	Availability of Products	Must Take	Firm:	Firming or Shaping for Variable Resources
9												
62	Little Lake, CA	Geothermal	California Independent System Operator (CAISO)	CAISO SP15	1/12/2010	4/30/2030	68	Bundled Product				
63	Fallon, NV	Geothermal	California Independent System Operator (CAISO)	CAISO SP15	7/5/2018 ESTIMATED COD	20 yrs from COD	50	Bundled Product				
64	Middletown, CA	Geothermal	California Independent System Operator (CAISO)	CAISO NP15	6/1/2007	5/31/2017	225	Bundled Product				
65	Middletown, CA	Geothermal	California Independent System Operator (CAISO)	CAISO NP15	6/1/2017 ESTIMATED COD	10 yrs from COD	225	Bundled Product				
66	Middletown, CA	Geothermal	California Independent System Operator (CAISO)	CAISO NP15	1/1/2018 ESTIMATED COD	10 yrs from COD	50	Bundled Product				
67	Brawley, CA	Geothermal	Imperial Irrigation District (IID)	CAISO SP15	10/1/2009	3/31/2031	33 178	Bundled Product				
68	Petaluma, CA	Landfill gas	California Independent System Operator (CAISO)	CAISO NP15	9/3/2016	9/2/2026	5	Baseload				
69	Santa Paula, CA	Landfill gas	California Independent System Operator (CAISO)	CAISO SP15	8/26/2009	2/28/2020	1 57	Bundled Product				
70	Moreno Valley, CA	Landfill gas	California Independent System Operator (CAISO)	CAISO SP15	6/1/2009	5/31/2019	1 1	Bundled Product				
71	Goleta, CA	Landfill gas	California Independent System Operator (CAISO)	CAISO SP15	6/6/2007	6/30/2027	2 84	Bundled Product				
72	Nevada/Arizona border	Large hydro	California Independent System Operator (CAISO)	CAISO SP15	6/1/1987	9/30/2017	277 5	Bundled Product				
73	Nevada/Arizona border	Large hydro	California Independent System Operator (CAISO)	CAISO SP15	10/1/2017 ESTIMATED COD	50 yrs from COD	280 245	Bundled Product				
74	Lemon Cove, CA	Small Hydro	California Independent System Operator (CAISO)	CAISO SP15	3/16/1990	3/15/2020	17	Bundled Product				
75	Porterville, CA	Small hydro	California Independent System Operator (CAISO)	CAISO SP15	8/1/2012	7/31/2022	1 4	Bundled Product				
76	Palm Springs, CA	Small hydro	California Independent System Operator (CAISO)	CAISO SP15	7/8/2016	7/31/2036	1	Bundled Product				
77	Camarillo, CA	Small hydro	California Independent System Operator (CAISO)	CAISO SP15	4/8/2016	7/8/2036	1	Bundled Product				
78	Chatsworth, CA	Small hydro	California Independent System Operator (CAISO)	CAISO SP15	10/1/2014	9/30/2033	1 25	Bundled Product				
79	Shingletown, CA	Small hydro	California Independent System Operator (CAISO)	CAISO NP15	5/4/2016	5/3/2031	2 834	Bundled Product				
80	Desert Center, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/17/2014	1/31/2035	250	Bundled Product				
81	Santa Fe Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	2/10/2012	2/28/2032	1 1815	Bundled Product				
82	Santa Fe Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/2/2012	4/30/2032	1 2599	Bundled Product				
83	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	5/4/2012	5/31/2032	2	Bundled Product				
84	Twentynine Palms, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	5/4/2012	5/31/2032	2	Bundled Product				
85	Rosamond, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/1/2015	8/1/2035	310	Bundled Product				
86	Rosamond, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/1/2015	8/1/2035	276	Bundled Product				
87	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/8/2014	4/30/2035	5	Bundled Product				
88	Victorville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	5/11/2015	8/1/2035	5	Bundled Product				
89	Victorville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	5/20/2015	8/1/2035	5	Bundled Product				
90	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	5/6/2016	9/30/2036	20	Bundled Product				
91	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/31/2016	1/31/2037	20	Bundled Product				
92	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/30/2015	6/30/2037	20	Bundled Product				
93	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/8/2016	8/31/2036	6 5	Bundled Product				
94	Victorville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/30/2014	8/30/2034	2	Bundled Product				
95	Victorville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/30/2014	8/30/2034	2	Bundled Product				
96	Riverside, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/30/2016	11/30/2036	250	Bundled Product				
97	Adelanto, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/28/2013	12/31/2033	1 5	Bundled Product				
98	Twentynine Palms, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/12/2013	6/30/2033	12	Bundled Product				
99	Twentynine Palms, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/11/2013	9/30/2033	9	Bundled Product				
100	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/26/2014	6/30/2034	1 5	Bundled Product				
101	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	8/13/2014	8/31/2034	1 5	Bundled Product				
102	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/26/2014	6/30/2034	1 5	Bundled Product				
103	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/26/2014	6/30/2034	1 5	Bundled Product				
104	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/6/2014	6/30/2034	1 5	Bundled Product				
105	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/6/2014	6/30/2034	1 5	Bundled Product				
106	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/14/2014	11/30/2034	1 5	Bundled Product				
107	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/16/2016	4/14/2036	2	Bundled Product				
108	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/31/2015	11/1/2035	10	Bundled Product				
109	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/21/2017 ESTIMATED COD	20 yrs from COD	3	Bundled Product				
110	McKittrick, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	12/23/2014	2/1/2035	20	Bundled Product				
111	Mendota, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/11/2015	4/1/2036	5	Bundled Product				
112	Wasco, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	1/22/2015	6/1/2035	20	Bundled Product				
113	Edison, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	10/30/2015	2/1/2036	16 66	Bundled Product				
114	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/7/2017 ESTIMATED COD	20 yrs from COD	3	Bundled Product				
115	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/2/2015	5/1/2035	5	Bundled Product				
116	Bylthe, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/15/2016	7/1/2036	20	Bundled Product				
117	Chowchilla, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	12/28/2015	10/1/2036	20	Bundled Product				
118	Paicines, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/1/2019 ESTIMATED COD	20 yrs from COD	240	Bundled Product				
119	Barstow, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/16/2016	11/30/2036	20	Bundled Product				
120	McKittrick, CA	Solar	California Independent System Operator (CAISO)	CAISO ZP26	12/21/2016	12/31/2036	20	Bundled Product				
121	McKittrick, CA	Solar	California Independent System Operator (CAISO)	CAISO ZP26	12/29/2016	12/31/2036	20	Bundled Product				
122	Wasco, CA	Solar	California Independent System Operator (CAISO)	CAISO ZP26	1/11/2017	1/31/2037	15	Bundled Product				
123	Irvine, CA	Solar			TERMINATED	TERMINATED	1 131	Bundled Product				
124	Irvine, CA	Solar			TERMINATED	TERMINATED	1 036	Bundled Product				
125	Wildomar, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	9/02/2018 ESTIMATED COD	20 yrs from COD	1 224	Bundled Product				
126	Daggett, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/18/2017 ESTIMATED COD	20 yrs from COD	13 8	Bundled Product				
127	Fairmont, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	10/15/2018 ESTIMATED COD	20 yrs from COD	1 5	Bundled Product				

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	City or Locality of Specified Unit(s)	Fuel Type	Supply Resources(s) Balancing Area	Supply Resource(s) Delivery Zone/Point	Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products	Availability of Products	Must Take	Firm:	Firming or Shaping for Variable Resources
9												
128	Murrieta, CA	Solar			TERMINATED	TERMINATED	1	Bundled Product				
129	Adelanto, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	9/10/2015	1/1/2036	20	Bundled Product				
130	Adelanto, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/15/2015	8/1/2035	7	Bundled Product				
131	Boron, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/1/2017	3/31/2027	30	Bundled Product				
132	Boron, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/1/2017	3/31/2027	30	Bundled Product				
133	Boron, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	2/1/2018 ESTIMATED COD	10 yrs from COD	30	Bundled Product				
134	Jacumba, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	8/1/2017 ESTIMATED COD	20 yrs from COD	20	Bundled Product				
135	Joshua Tree, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	8/1/2017 ESTIMATED COD	20 yrs from COD	20	Bundled Product				
136	Blythe, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	10/28/2016	10/26/2036	125	Bundled Product				
137	Blythe, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/1/2020 ESTIMATED COD	20 yrs from COD	125	Bundled Product				
138	Blythe, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/13/2015	4/30/2035	1 5	Bundled Product				
139	Blythe, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/14/2015	4/30/2035	1 5	Bundled Product				
140	Ontario, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/7/2017 ESTIMATED COD	20 yrs from COD	3	Bundled Product				
141	Calexico, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/1/2020 ESTIMATED COD	20 yrs from COD	153 52	Bundled Product				
142	Calexico, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	2/1/2019 ESTIMATED COD	20 yrs from COD	252 32	Bundled Product				
143	Madera, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	6/1/2020 ESTIMATED COD	20 yrs from COD	51 3	Bundled Product				
144	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/20/2019 ESTIMATED COD	20 yrs from COD	20	Bundled Product				
145	Corcoran, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	6/10/2015	10/30/2035	19 75	Bundled Product				
146	Palm Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/2/2012	4/2/2032	2 35215	Bundled Product				
147	Palm Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	5/4/2012	5/3/2032	4 12	Bundled Product				
148	Desert Hot Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/23/2013	12/21/2033	1	Bundled Product				
149	Desert Hot Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/31/2013	12/29/2033	1 5	Bundled Product				
150	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/11/2018 ESTIMATED COD	20 yrs from COD	3	Bundled Product				
151	Alpaugh, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	6/25/2015	10/31/2035	20	Bundled Product				
152	Santa Fe Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	3/26/2015	4/1/2035	1 75	Bundled Product				
153	Santa Fe Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	3/26/2015	7/1/2035	1 75	Bundled Product				
154	Ducor, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/27/2016	12/31/2036	20	Bundled Product				
155	Ducor, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/27/2016	12/31/2036	20	Bundled Product				
156	Ducor, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/27/2016	12/26/2036	20	Bundled Product				
157	Ducor, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/27/2016	12/26/2036	15	Bundled Product				
158	Santa Fe Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/23/2016	12/22/2036	1 3248	Bundled Product				
159	Santa Fe Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/23/2016	12/22/2036	1 248	Bundled Product				
160	Santa Fe Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/23/2016	12/22/2036	1	Bundled Product				
161	Santa Fe Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	10/21/2016	10/20/2036	2	Bundled Product				
162	Jurupa Valley, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/18/2016	9/22/2036	2	Bundled Product				
163	Ivanpah, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/31/2014	2/1/2035	117	Bundled Product				
164	Ivanpah, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	8/30/2016	12/31/2100	300	Bundled Product				
165	Mojave, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/20/2019 ESTIMATED COD	15 yrs from COD	20	Bundled Product				
166	Lemoore, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/1/2020 ESTIMATED COD	15 yrs from COD	123	Bundled Product				
167	Primm, NV	Solar	California Independent System Operator (CAISO)	CAISO SP15	9/1/2016	12/31/2100	250	Bundled Product				
168		Solar			TERMINATED	TERMINATED	310	Bundled Product				
169	Rosamond, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/1/2020 ESTIMATED COD	15 yrs from COD	150	Bundled Product				
170	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	2/15/2017 ESTIMATED COD	20 yrs from COD	20	Bundled Product				
171	Tonopah, AZ	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/1/2020 ESTIMATED COD	15 yrs from COD	150	Bundled Product				
172	Rosamond, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/1/2020 ESTIMATED COD	15 yrs from COD	100	Bundled Product				
173	Amargosa Valley, NV	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/1/2020 ESTIMATED COD	15 yrs from COD	100	Bundled Product				
174	Newberry Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/14/2013	11/13/2033	1 5	Bundled Product				
175	Desert Center, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/1/2020 ESTIMATED COD	15 yrs from COD	125	Bundled Product				
176	Corona, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/29/2011	7/28/2031	1 5	Bundled Product				
177	Chino, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	5/4/2012	5/3/2032	1 5	Bundled Product				
178	North Palm Springs, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/15/2014	7/30/2035	4 78	Bundled Product				
179	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/16/2013	7/31/2033	1 5	Bundled Product				
180	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/16/2013	7/31/2033	1 5	Bundled Product				
181	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/17/2014	7/31/2034	1	Bundled Product				
182	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/17/2014	7/31/2034	1	Bundled Product				
183	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/24/2014	6/30/2034	1 5	Bundled Product				
184	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/24/2014	6/30/2034	1	Bundled Product				
185	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/24/2014	6/30/2034	1	Bundled Product				
186	Lucerne Valley, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/26/2014	11/30/2034	10	Bundled Product				
187	Lucerne Valley, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/26/2014	2/28/2035	20	Bundled Product				
188	Tranquillity, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/1/2014	1/1/2034	19	Bundled Product				
189	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/12/2014	12/31/2034	1 5	Bundled Product				
190	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/12/2014	12/31/2034	1 5	Bundled Product				
191	Rosamond, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/22/2015	7/31/2035	17 986	Bundled Product				
192	Boulder City, NV	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/1/2020 ESTIMATED COD	20 yrs from COD	92	Bundled Product				
193	Tonopah, AZ	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/14/2016	12/31/2036	100	Bundled Product				

	J	K	L	M	N	O	P	Q	R	S	T	U
	City or Locality of Specified Unit(s)	Fuel Type	Supply Resources(s) Balancing Area	Supply Resource(s) Delivery Zone/Point	Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products	Availability of Products	Must Take	Firm:	Firming or Shaping for Variable Resources
9												
194	Blythe, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/18/2009	6/30/2030	21	Bundled Product				
195	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	3/25/2013	3/30/2033	20	Bundled Product				
196	City of Industry, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/3/2012	4/1/2032	1.5	Bundled Product				
197	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/19/2016	1/31/2036	20	Bundled Product				
198	Riverside, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	3/26/2015	3/31/2035	1.49	Bundled Product				
199	Ontario, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	3/26/2015	3/31/2035	1.49	Bundled Product				
200	Rancho Cucamonga, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/14/2015	4/30/2035	1.75	Bundled Product				
201	Taft, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/11/2017	1/31/2037	10	Bundled Product				
202	Lamont, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	11/11/2014	12/31/2034	60	Bundled Product				
203	Arvin, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	5/21/2014	6/30/2034	20	Bundled Product				
204	Arvin, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	6/26/2014	6/30/2034	8	Bundled Product				
205	Los Banos, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	3/4/2015	3/31/2035	20	Bundled Product				
206	Hesperia, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	8/6/2014	8/31/2034	1.5	Bundled Product				
207	Phelan, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	10/2/2014	10/31/2034	1.5	Bundled Product				
208	Phelan, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	10/2/2014	10/31/2034	1	Bundled Product				
209	Phelan, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/26/2014	11/30/2034	1.5	Bundled Product				
210	Phelan, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/26/2014	11/30/2034	1.5	Bundled Product				
211	Phelan, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/26/2014	11/30/2034	1.5	Bundled Product				
212	Rancho Cucamonga, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	5/22/2016	5/31/2036	1	Bundled Product				
213	Ontario, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	3/1/2016	3/31/2036	1	Bundled Product				
214	Rosamond, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/1/2019 ESTIMATED COD	15 yrs from COD	100	Bundled Product				
215	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/1/2018 ESTIMATED COD	20 yrs from COD	3	Bundled Product				
216	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	9/1/2018 ESTIMATED COD	20 yrs from COD	3	Bundled Product				
217	Delano, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	9/15/2016	10/31/2036	20	Bundled Product				
218	Delano, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	9/14/2016	10/31/2036	14	Bundled Product				
219	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/29/2015	1/1/2036	3	Bundled Product				
220	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	6/1/2012	5/31/2032	1.5	Bundled Product				
221	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	3/28/2012	3/27/2032	1.5	Bundled Product				
222	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	3/31/2017 ESTIMATED COD	20 yrs from COD	2	Bundled Product				
223	Tulare, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/17/2014	1/31/2034	1.5	Bundled Product				
224	Tulare, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/17/2014	1/31/2034	1.5	Bundled Product				
225	Farmersville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/31/2014	7/31/2034	1.5	Bundled Product				
226	Farmersville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/31/2014	7/31/2034	1.5	Bundled Product				
227	Lost Hills, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	5/5/2015	9/30/2034	20	Bundled Product				
228	Farmersville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/31/2014	7/31/2034	1.5	Bundled Product				
229	Porterville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/25/2014	7/30/2034	1.5	Bundled Product				
230	Porterville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/25/2014	7/30/2034	1.5	Bundled Product				
231	Hanford, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	8/29/2014	8/31/2034	1.5	Bundled Product				
232	Hanford, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	8/29/2014	8/31/2034	1.5	Bundled Product				
233	Adelanto, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/22/2015	1/31/2035	1.5	Bundled Product				
234	Adelanto, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/22/2015	1/31/2035	1.5	Bundled Product				
235	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	9/30/2015	9/30/2035	1.5	Bundled Product				
236	Mojave, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/18/2013	11/18/2033	5	Bundled Product				
237	Rosamond, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	3/13/2018 ESTIMATED COD	20 yrs from COD	20	Bundled Product				
238	Tranquillity, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	12/31/2017 ESTIMATED COD	20 yrs from COD	20	Bundled Product				
239	Rosamond, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/23/2013	12/23/2033	20	Bundled Product				
240	Adelanto, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/6/2013	6/30/2034	20	Bundled Product				
241	Apple Valley, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/28/2013	12/31/2033	1.5	Bundled Product				
242	Apple Valley, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/28/2013	12/31/2033	1.5	Bundled Product				
243	Apple Valley, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/28/2013	12/31/2033	1.5	Bundled Product				
244	Mojave, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/13/2014	1/13/2034	10	Bundled Product				
245	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	8/28/2013	8/28/2033	1	Bundled Product				
246	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	8/28/2013	8/28/2033	1	Bundled Product				
247	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	8/28/2013	8/31/2033	1.5	Bundled Product				
248	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	9/10/2013	9/30/2033	1.5	Bundled Product				
249	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	9/10/2013	9/30/2033	1.5	Bundled Product				
250	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	9/10/2013	9/30/2033	1	Bundled Product				
251	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	10/1/2013	9/30/2033	1.5	Bundled Product				

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	City or Locality of Specified Unit(s)	Fuel Type	Supply Resources(s) Balancing Area	Supply Resource(s) Delivery Zone/Point	Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products	Availability of Products	Must Take	Firm:	Firming or Shaping for Variable Resources
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252	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	10/1/2013	9/30/2033	1.5	Bundled Product				
253	Apple Valley, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	8/21/2013	8/31/2033	1	Bundled Product				
254	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/29/2014	1/28/2034	1.5	Bundled Product				
255	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/29/2014	1/28/2034	1.5	Bundled Product				
256	Palmdale, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/29/2014	1/28/2034	1	Bundled Product				
257	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	7/30/2013	7/31/2033	1.5	Bundled Product				
258	Adelanto, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	8/21/2013	8/21/2033	1.5	Bundled Product				
259	Ontario, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/20/2013	3/30/2034	1	Bundled Product				
260	Ontario, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/20/2013	3/30/2034	1.5	Bundled Product				
261	Victorville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/15/2014	11/15/2034	1.5	Bundled Product				
262	Victorville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/15/2014	11/15/2034	1.5	Bundled Product				
263	Victorville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/15/2014	11/15/2034	1.5	Bundled Product				
264	Victorville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/15/2014	11/19/2032	1.5	Bundled Product				
265	Silver Lakes, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/5/2014	12/31/2034	1.5	Bundled Product				
266	Silver Lakes, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/5/2014	12/5/2034	1.5	Bundled Product				
267	Silver Lakes, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	12/5/2014	12/5/2034	1.5	Bundled Product				
268	Tranquillity, CA	Solar	California Independent System Operator (CAISO)	CAISO NP15	12/1/2019 ESTIMATED COD	15 yrs from COD	200	Bundled Product				
269	Rosamond, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	9/26/2016	9/30/2036	20	Bundled Product				
270	Rosamond, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/1/2016	10/30/2031	180	Bundled Product				
271	Los Banos, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/30/2015	7/31/2035	108	Bundled Product				
272	Exeter, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	2/12/2014	2/28/2034	1	Bundled Product				
273	Exeter, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	2/12/2014	2/28/2034	1	Bundled Product				
274	Exeter, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	2/12/2014	2/28/2034	1.5	Bundled Product				
275	Lindsay, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/15/2014	1/31/2034	1.5	Bundled Product				
276	Lindsay, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/15/2014	1/31/2034	1.5	Bundled Product				
277	Lindsay, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/15/2014	1/31/2034	1	Bundled Product				
278	Visalia, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/17/2014	1/31/2034	1.5	Bundled Product				
279	Visalia, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/17/2014	1/31/2034	1.5	Bundled Product				
280	Porterville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/13/2014	1/31/2034	1	Bundled Product				
281	Porterville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/13/2014	1/31/2034	1	Bundled Product				
282	Porterville, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/13/2014	1/31/2034	1.5	Bundled Product				
283	Winchester, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	1/13/2015	1/31/2035	1.25	Bundled Product				
284	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	4/28/2017 ESTIMATED COD	20 yrs from COD	3	Bundled Product				
285	Lancaster, CA	Solar	California Independent System Operator (CAISO)	CAISO SP15	11/22/2015	11/30/2035	4.41	Bundled Product				
286	Arlington, OR	Wind	Bonneville Power Administration (BPAT)	BPA/Slatt230	9/23/2011	9/30/2032	265	Bundled Product				
287	Arlington, OR	Wind	Bonneville Power Administration (BPAT)	BPA/Slatt230	1/6/2012	2/28/2033	290	Bundled Product				
288	Arlington, OR	Wind	Bonneville Power Administration (BPAT)	BPA/Slatt230	3/28/2012	3/31/2033	290	Bundled Product				
289	Southeast, ID	Wind	PacifiCorp East (PACE)	PAC/Goshen	9/29/2010	3/31/2031	124.5	Bundled Product				
290	unknown, NM	Wind	California Independent System Operator (CAISO)	Willowbeach	3/31/2017	3/31/2037	130	Bundled Product				
291	unknown, NM/TX	Wind	California Independent System Operator (CAISO)	Willowbeach	3/31/2017	3/31/2037	167	Bundled Product				
292	Palm Springs, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	3/15/2008	9/30/2028	45	Bundled Product				
293	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	12/10/2015	12/9/2030	9.8	Bundled Product				
294	Near City of Estancia, NM	Wind	Public Service Company of New Mexico (PNM)	Four Corners	12/1/2017 ESTIMATED COD	20 yrs from COD	298	Bundled Product				
295	San Diego, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	9/1/2017 ESTIMATED COD	15 yrs from COD	132	Bundled Product				
296	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	1/1/2020 ESTIMATED COD	15 yrs from COD	132	Bundled Product				
297	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	1/15/2016	1/31/2031	11.9	Bundled Product				
298	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	11/1/2010	12/31/2035	150	Bundled Product				
299	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	11/1/2010	12/31/2035	150	Bundled Product				
300	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	12/22/2010	12/31/2035	150	Bundled Product				
301	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	2/23/2011	12/31/2035	102	Bundled Product				
302	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	3/11/2011	12/31/2035	168	Bundled Product				
303	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	1/1/2016	12/31/2035	138	Bundled Product				
304	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	1/1/2016	12/31/2035	90	Bundled Product				
305	Palm Springs, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	2/23/2012	8/30/2032	49	Bundled Product				
306	San Geronio Pass, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	10/1/2011	9/30/2021	66.6	Bundled Product				
307	Palm Springs, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	3/1/2016	3/1/2031	3	As Available Facility				
308	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	1/1/2019 ESTIMATED COD	20 yrs from COD	100	Bundled Product				
309	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	1/1/2019 ESTIMATED COD	20 yrs from COD	80	Bundled Product				
310	Tehachapi, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	1/27/2012	1/31/2033	120	Bundled Product				
311	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	11/16/2011	12/31/2035	150	Bundled Product				
312	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	12/31/2015	3/31/2026	3	Bundled Product				
313	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	5/1/2014	9/30/2024	7.455	Bundled Product				
314	Palm Springs, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	12/7/2015	12/7/2025	7.81	Bundled Product				
315	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	11/15/2011	12/31/2035	150	Bundled Product				
316	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	1/1/2013	12/31/2035	168	Bundled Product				
317	Mojave, CA	Wind	California Independent System Operator (CAISO)	CAISO SP15	1/1/2013	12/31/2035	132	Bundled Product				

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