

Non Resource Adequacy Capacity Report

May 2018

CAISO Market Quality and Renewable Integration

June 11, 2018

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Introduction

This report is produced pursuant to CAISO Tariff Section 43A.6.3, which requires the ISO to publish a monthly report non-resource adequacy (RA) capacity in the ISO markets through market and non-market transactions. Section 43A.6.3 also requires the ISO to publish the report on the 10th of each month with data for the prior month. The ISO will publish the report on the first business day following the 10th whenever the 10th falls on a weekend or holiday. This report provides the following information for non-RA capacity for the month of May 2018.

The Content of the Non RA Capacity Report

The report includes the following information:

- (a) the name of the resource with non-RA capacity;
- (b) The utility service area and local capacity area (if applicable);
- (c) the maximum amount of non-RA capacity committed in response to the event (MW);
- (d) how the non-RA capacity was procured (for example, by Reliability Unit Commitment (RUC) or exceptional dispatch (ED));
- (e) the reason the non- capacity was commit either through market optimization or exceptional dispatch); and

The non-RA capacity is the MW amount of capacity committed in Fifteen Minute Market (FMM) that are dispatched above the RA supply MW from CAISO CIRA system. Resources that have sold RA capacity at MW level less than PMin have an obligation to make full PMin available to the ISO as RA capacity per CAISO Tariff section 40.4.3(1), so its PMin will be used as its RA supply MW in this report.

The ISO reports the "maximum" non-RA capacity for each resource that its non-RA capacity is greater than zero for at least one 15-minute interval in the FMM per commitment reason per day in Table 1. We report the non-RA capacity based on the commitment status in FMM, because

- the FMM is the last market process to make commitment decisions,
- even if a unit is committed prior to the FMM, FMM will recognize and reflect its commitment status.

The ISO also reports the corresponding RUC award, and its utility service area and local area if applicable for the resource in Table 1.

Commitment reason in Table 1 may include "Market Optimization" and exceptional dispatch. There are no exceptional dispatch MWs of non-RA capacity for May 2018. If there is non-RA capacity committed by ED, the commitment reason will be "ED: *the specific ED reason.*"

CAISO Tariff Section 40.4.3(1)(f) specifies that the report must include information as to whether or not all RA capacity and previously-designated

Capacity Payment Mechanism (CPM) capacity was used first and, if not, why. There was one Exceptional Dispatch CPM for local area transmission reliability for ENCINA_7_EA3 on May 9. The CPM MW amount is not included in Non RA MW in the Non RA Capacity table.

Non-RA capacity can be committed by the market, RUC or exceptional dispactch.

- IFM and FMM market commitments and dispatches result from the market optimization utilizing bids and self-schedules without regard to RA, CPM or Non-RA status as capacity is committed and dispatched in the market based on resources compete based bids.
- When RUC commits resources, it will consider RA capacity as zero cost supply, and non-RA capacity with bid-in capacity cost. If the non-RA capacity bid-in cost is greater than zero, then RUC will choose the more economic RA capacity to commit first. If the non-RA capacity bid-in cost is zero, RUC cannot distinguish RA vs non-RA from a cost perspective in making commitment decisions.
- For resources committed and dispatched through Exceptional Dispatch, the ISO will use available information to select the most economic resources that can meet the reliability need, resulting in exceptional dispatches of non RA resources when RA or CPM resources or are not available or effective to meet the reliability need.

Table 1: Non RA Capacity in May 2018

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW	market	
5/1/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
0, 1, 2010					market	
5/1/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
5/1/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
5/1/2018	ENCINIA 7 CT1	SDGE	San	11.8	market optimization	0.0
3/1/2016	ENCINA_7_GT1	SDGE	Diego-IV	11.0	market	0.0
5/1/2018	GANSO 1 WSTBM1	PGAE		0.9	optimization	0.0
0, 1, 20 10	<u> </u>	. 0/		0.0	market	0.0
5/1/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.5	optimization	0.0
					market	
5/1/2018	OLDRIV_6_CESDBM	PGAE		0.9	optimization	0.0
F/4/2049	OLDDIV C. LIZVDMA	DOAE		4.0	market	0.0
5/1/2018	OLDRIV_6_LKVBM1	PGAE		1.0	optimization market	0.0
5/1/2018	STANIS 7 UNIT 1	PGAE	Stockton	30.0	optimization	0.0
0/1/2010		. 0, 12	Cicontion	00.0	market	0.0
5/1/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
					market	
5/2/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
F/0/0040	DEADDO 7 LINUT 4	NODA	0111	44.0	market	0.0
5/2/2018	BEARDS_7_UNIT 1	NCPA	Stockton	11.0	optimization market	0.0
5/2/2018	CALPSS_6_SOLAR1	SDGE		18.6	optimization	0.0
3/2/2010	GALI GO_O_GGEART	ODGL	San	10.0	market	0.0
5/2/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
5/2/2018	CUYAMS_6_CUYSR1	PGAE	System	18.6	optimization	0.0
F /0 /00 4 0	DOMEST - 11511 -	NODA	0. 1.	40.0	market	0.0
5/2/2018	DONNLS_7_UNIT	NCPA	Stockton San	18.0	optimization market	0.0
5/2/2018	ENCINA_7_GT1	SDGE	Diego-IV	14.5	optimization	0.0
3/2/2010	ENGINA_1_OTT	ODGL	CAISO	14.5	market	0.0
5/2/2018	ESQUON_6_LNDFIL	PGAE	System	2.1	optimization	0.0
			,		market	
5/2/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
E 10 100 4 6	METEO O DI 1970 0971	DO 4 5	D - 1	404.0	market	
5/2/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	481.6	optimization	0.0
5/2/2018	METEC 2 PL1X3 2X1 DB	PGAE	Bay Area	545.0	market optimization	0.0
5,2,2010		. 0, (L	San	0.0.0	market	0.0
5/2/2018	PALOMR_2_PL1X3_1X1	SDGE	Diego-IV	0.1	optimization	0.0
			San		market	
5/2/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	9.3	optimization	0.0
E/0/0040	CNIDDAD 7 LINUT 4	DC 4 F	Ctoolstos	40.0	market	
5/2/2018	SNDBAR_7_UNIT 1	PGAE	Stockton	16.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Baic	resource	020	Area	RA	reason	award
				MW		
- /2/2212		00=			market	
5/2/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
5/2/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
3/2/2016	WALCRK_Z_CTG3	SCE	LA DaSIII	0.2	market	0.0
5/3/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
3,3,23					market	
5/3/2018	CALPSS_6_SOLAR1	SDGE		13.5	optimization	0.0
			San		market	
5/3/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
5/3/2018	GONZLS_6_UNIT	PGAE	CAISO	0.3	market optimization	0.0
3/3/2016	GONZES_6_UNIT	PGAE	System	0.3	market	0.0
5/3/2018	HUMBPP 6 UNITS 2	PGAE	Humboldt	4.0	optimization	4.5
0.0,00					market	
5/3/2018	ONLLPP_6_UNITS	PGAE	Fresno	1.0	optimization	0.0
			CAISO		market	
5/3/2018	SANLOB_1_LNDFIL	PGAE	System	1.5	optimization	0.0
5/3/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
3/3/2016	WALCRK_Z_CTGZ	SCE	LA Dasili	0.0	market	0.0
5/4/2018	ANAHM_2_CANYN2	ANHM	LA Basin	6.3	optimization	0.0
37.37.20.10				010	market	
5/4/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
5/4/2018	BNNIEN_7_ALTAPH	PGAE	Sierra	0.5	optimization	0.0
5/4/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
3/4/2010	BOGOL_1_ONITAT	FGAL	Sierra	20.0	market	0.0
5/4/2018	CALPSS 6 SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
5/4/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
5/4/0040	LUMADDO O LINUTO O	DO 4 E		0.0	market	0.0
5/4/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.0	optimization	0.0
5/4/2018	HUMBPP 6 UNITS 5	PGAE	Humboldt	11.4	market optimization	0.0
0/4/2010		1 0/12	Trambolat	11.7	market	0.0
5/4/2018	INLDEM_5_UNIT 1	SCE	LA Basin	9.0	optimization	0.0
					market	
5/4/2018	MIRLOM_6_PEAKER	SCE	LA Basin	1.1	optimization	0.0
F/4/2040	DALOMD 2 DIAV2 2V4 DE	CDCE	San	7.5	market	0.0
5/4/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV	7.5	optimization market	0.0
5/4/2018	STANIS_7_UNIT 1	PGAE	Stockton	37.0	optimization	0.0
5, 1,2515			3.00	27.10	market	0.0
5/4/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
					market	
5/4/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
5/4/2018	WALCEK 2 CTC4	SCE	LA Basin	0.5	market	0.0
3/4/2018	WALCRK_2_CTG4	SUE	LA DaSIII	0.5	optimization market	0.0
5/4/2018	WALNUT_7_WCOVST	SCE	LA Basin	0.1	optimization	0.0
	_ = =					

Date	Resource	UDC	Local	Non	Reason	RUC
Date	110000100	020	Area	RA	11000011	award
				MW		
					market	
5/4/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
F/F/0040	ANIZA C COL AD4	0005		4.0	market	0.0
5/5/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
5/5/2018	BOGUE 1 UNITA1	PGAE	Sierra	20.0	market optimization	0.0
3/3/2010	BOOOL_1_ONTAT	TOAL	Sierra	20.0	market	0.0
5/5/2018	CALPSS 6 SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
5/5/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
					market	
5/5/2018	GLNARM_7_UNIT 3	PASA	LA Basin	30.0	optimization	0.0
E/E/2010	CLNADM 7 LINET 4	PASA	I A Dooin	24.0	market	0.0
5/5/2018	GLNARM_7_UNIT 4	PASA	LA Basin	21.0	optimization market	0.0
5/5/2018	HUMBPP 6 UNITS 2	PGAE	Humboldt	4.5	optimization	0.0
0/0/2010		1 0/12	Trambolat	1.0	market	0.0
5/5/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.8	optimization	0.0
					market	
5/5/2018	MONTPH_7_UNITS	PGAE	NCNB	0.8	optimization	0.0
5/5/0040	DALOND O DIAVO OVA DE	0005	San	45.0	market	0.0
5/5/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV	15.0	optimization	0.0
5/5/2018	PLMSSR 6 HISIER	NCPA		3.0	market optimization	0.0
3/3/2010	TEMBOK_O_FROEK	NOLY		3.0	market	0.0
5/5/2018	STANIS 7 UNIT 1	PGAE	Stockton	8.9	optimization	0.0
					market	
5/5/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
					market	
5/5/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
5/5/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
3/3/2016	WALCRK_Z_CTG3	SCE	LA Dasili	0.2	market	0.0
5/5/2018	WEBER_6_FORWRD	PGAE	Stockton	4.0	optimization	0.0
0,0,20.0			- Ciocilion		market	0.0
5/5/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
					market	
5/6/2018	ANAHM_2_CANYN4	ANHM	LA Basin	6.3	optimization	0.0
F/C/2040	ANIZA C COL AD4	CDCE		4.0	market	0.0
5/6/2018	ANZA_6_SOLAR1	SDGE	Big	1.0	optimization	0.0
			Creek-		market	
5/6/2018	BIGCRK 2 EXESWD	SCE	Ventura	499.0	optimization	0.0
	= =				market	
5/6/2018	BOGUE_1_UNITA1	PGAE	Sierra	37.5	optimization	0.0
		05.5=			market	
5/6/2018	CALPSS_6_SOLAR1	SDGE	0	3.0	optimization	0.0
5/6/2018	CNTNLA 2 SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
3/0/2018	GNTINLA_Z_SULARZ	SDGE	Diego-IV	5.0	market	0.0
5/6/2018	GLNARM_7_UNIT 3	PASA	LA Basin	16.0	optimization	0.0
3, 3, 2010		. ,, .				0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
				MW		
					market	
5/6/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
5/6/2018	MAGUND_1_BKSSR2	PGAE	Kern	1.5	market optimization	0.0
3/0/2018	MAGUND_1_BROOK2	FGAL	Kelli	1.5	market	0.0
5/6/2018	MIRLOM 6 PEAKER	SCE	LA Basin	0.1	optimization	0.0
	<u> </u>		San		market	
5/6/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV	7.5	optimization	0.0
5/0/0040	\(\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\)\	DO 4 E	0.	47.0	market	0.0
5/6/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization market	0.0
5/7/2018	ANAHM_2_CANYN4	ANHM	LA Basin	6.3	optimization	0.0
0/1/2010	74474 IWI_2_0744 I IVI	7 (1 41 1171	L/ (Dasiri	0.0	market	0.0
5/7/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
5/7/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	optimization	0.0
5/7/2018	CALDES 6 SOLAD4	SDGE		3.0	market	0.0
3/1/2016	CALPSS_6_SOLAR1	SDGE		3.0	optimization market	0.0
5/7/2018	CHICPK_7_UNIT 1	PGAE	Sierra	7.0	optimization	0.0
			San		market	
5/7/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
5/7/2018	LILIMBDD 4 LINITS2 2	PGAE	Humboldt	4 5	market	0.0
3/1/2016	HUMBPP_1_UNITS3_2	PGAE	Пинтрони	4.5	optimization market	0.0
5/7/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
			CAISO		market	
5/7/2018	PNCHEG_2_PL1X4_1	PGAE	System	23.4	optimization	0.0
5/7/0040	DNOUEQ O DIAVA O	DOAE	CAISO	450.0	market	0.0
5/7/2018	PNCHEG_2_PL1X4_2	PGAE	System CAISO	150.6	optimization market	0.0
5/7/2018	PNCHEG_2_PL1X4_3	PGAE	System	305.6	optimization	0.0
					market	
5/7/2018	STANIS_7_UNIT 1	PGAE	Stockton	48.0	optimization	0.0
-/-/0040					market	
5/7/2018	UKIAH_7_LAKEMN	NCPA	NCNB	0.9	optimization market	0.0
5/7/2018	WALCRK 2 CTG2	SCE	LA Basin	0.0	optimization	0.0
6/1/2010	**************************************	002	E/ (Baoiii	0.0	market	0.0
5/7/2018	WEBER_6_FORWRD	PGAE	Stockton	4.0	optimization	0.0
					market	
5/8/2018	ALMEGT_1_UNIT 1	NCPA	Bay Area	0.4	optimization	0.0
5/8/2018	ALMEGT_1_UNIT 2	NCPA	Bay Area	0.5	market optimization	0.0
3,3,2010		.,5,7,	-a, / 110a	0.0	market	0.0
5/8/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
		.	<u>.</u>		market	<u>.</u> -
5/8/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	optimization	0.0
5/8/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
3,0,2010	5.121 55_5_5CH	350L	San	0.0	market	0.0
5/8/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
				MW		
					market	
5/8/2018	COGNAT_1_UNIT	PGAE	Stockton	35.5	optimization	0.0
F /0 /0 0 4 0		DO 4 E		4.0	market	0.0
5/8/2018	OLDRIV_6_LKVBM1	PGAE	San	1.0	optimization market	0.0
5/8/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	5.3	optimization	0.0
3/0/2010	110110_2_0101	ODOL	CAISO	0.0	market	0.0
5/8/2018	PNCHEG_2_PL1X4_3	PGAE	System	226.0	optimization	0.0
					market	
5/8/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.1	optimization	0.0
5/0/0040	DVOIDE O DEDOLIA	D) (OD	I A Davis	00.0	market	0.0
5/8/2018	RVSIDE_2_RERCU4	RVSD	LA Basin CAISO	20.0	optimization market	0.0
5/8/2018	SANLOB 1 LNDFIL	PGAE	System	1.5	optimization	0.0
0/0/2010	0/ ((1 <u>0</u> 0 <u>0</u> _1_ <u>1</u> 1_1	1 O/LE	Cycloni	1.0	market	0.0
5/8/2018	STANIS_7_UNIT 1	PGAE	Stockton	27.0	optimization	0.0
					market	
5/9/2018	ANZA_6_SOLAR1	SDGE		1.5	optimization	0.0
5/0/0040	DOOLIE 4 LINUTA4	DOAF	0:	00.0	market	0.0
5/9/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	optimization market	0.0
5/9/2018	BRDSLD_2_HIWIND	PGAE	Bay Area	87.3	optimization	0.0
0,0,2010	<i>511,5023_2_</i> 1	1 0/12	Day 7 ou	01.0	market	0.0
5/9/2018	BRDSLD_2_SHILO1	PGAE	Bay Area	87.9	optimization	0.0
					market	
5/9/2018	BRDSLD_2_SHILO2	PGAE	Bay Area	66.6	optimization	0.0
5/9/2018	BRDSLD_2_SHLO3B	PGAE	Bay Area	56.4	market optimization	0.0
3/9/2018	BND3ED_2_3HEO3B	FOAL	Day Alea	30.4	market	0.0
5/9/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
5/9/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
5/0/0040	OOONIAT 4 LINUT	DOAE	01	4.0	market	0.0
5/9/2018	COGNAT_1_UNIT	PGAE	Stockton	1.8	optimization market	0.0
5/9/2018	ENCINA 7 EA3	SDGE	San Diego-IV	43.4	optimization	0.0
0/0/2010		ODOL	Diego IV	70.7	market	0.0
5/9/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
5/9/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
E/0/2019	LILIMDDD 4 LINITS2 2	DCAE	Llumbaldt	6.0	market	0.0
5/9/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization market	0.0
5/9/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
5/9/2018	MIRLOM_6_PEAKER	SCE	LA Basin	1.1	optimization	0.0
-10/55:5	DE (DE) (0 1 : : = : :		CAISO		market	
5/9/2018	PEABDY_2_LNDFL1	PGAE	System	1.0	optimization	0.0
5/9/2018	PIOPIC_2_CTG1	SDGE	San Diego-IV	1.9	market optimization	0.0
3/3/2010	110110_2_0101	3000	San	1.3	market	0.0
5/9/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	7.7	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			Alica	MW		awara
			CAISO		market	
5/9/2018	PIT6_7_UNIT 1	PGAE	System	33.9	optimization	0.0
			CAISO		market	
5/9/2018	PIT6_7_UNIT 2	PGAE	System	10.0	optimization	0.0
F/0/0040	DNOUEC O DIAVA A	DOAF	CAISO	400.0	market	0.0
5/9/2018	PNCHEG_2_PL1X4_1	PGAE	System CAISO	102.0	optimization market	0.0
5/9/2018	PNCHEG 2 PL1X4 4	PGAE	System	354.8	optimization	0.0
0/0/2010		1 0/ 12	- Cyotom	00110	market	0.0
5/9/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	optimization	0.0
					market	
5/9/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	49.0	optimization	0.0
-/40/0040		0000			market	
5/10/2018	ANZA_6_SOLAR1	SDGE		1.5	optimization	0.0
5/10/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
3/10/2018	CALFSS_0_SOLART	SDGE	San	3.0	market	0.0
5/10/2018	CNTNLA 2 SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0, 10, 2010				0.0	market	0.0
5/10/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
5/10/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
5/40/0040	MAGUND 4 DKOODO	DOAF	17	0.0	market	0.0
5/10/2018	MAGUND_1_BKSSR2	PGAE	Kern CAISO	3.2	optimization	0.0
5/10/2018	PEABDY_2_LNDFL1	PGAE	System	0.5	market optimization	0.0
3/10/2010	T LABOT_Z_LINDI LI	TOAL	CAISO	0.0	market	0.0
5/10/2018	PNCHEG_2_PL1X4_1	PGAE	System	46.8	optimization	0.0
			CAISO		market	
5/10/2018	PNCHEG_2_PL1X4_4	PGAE	System	301.3	optimization	0.0
					market	
5/10/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	20.0	optimization	0.0
			Big Creek-		market	
5/10/2018	SUNSHN_2_LNDFL	PGAE	Ventura	0.8	optimization	0.0
3/10/2010	001101111_2_E11D1 E	TOAL	Ventura	0.0	market	0.0
5/11/2018	ANZA_6_SOLAR1	SDGE		1.6	optimization	0.0
					market	
5/11/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
5/11/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
5/11/2018	COPMT4_2_SOLAR4	SCE	CAISO System	43.5	market optimization	0.0
3/11/2010	OUT WITH_Z_SOLAN4	JUE	Big	43.3	Optimization	0.0
			Creek-		market	
5/11/2018	EASTWD_7_UNIT	SCE	Ventura	185.0	optimization	0.0
					market	
5/11/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
F/4.4/22.4.5		DC 1 =			market	
5/11/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
5/11/2018	HUMBPP 1 UNITS3 3	PGAE	Humboldt	6.8	market optimization	0.0
3/11/2018	HUMBEE_1_UM1133_3	PGAE	TOTOLOGIC	0.0	opumization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA MW		award
			CAISO	IVIVV	market	
5/11/2018	PNCHEG_2_PL1X4_3	PGAE	System	156.0	optimization	0.0
3/11/2016	FNCHEG_Z_FL1X4_3	FGAL	CAISO	150.0	market	0.0
5/11/2018	PNCHEG_2_PL1X4_4	PGAE	System	181.7	optimization	0.0
3/11/2010	FNOTILG_Z_FLTX4_4	FOAL	System	101.7	market	0.0
5/11/2018	RVSIDE 2 RERCU3	RVSD	LA Basin	20.0	optimization	0.0
3/11/2010	NVOIDE_Z_NENCOS	KVOD	LA Dasiii	20.0	market	0.0
5/11/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	20.0	optimization	0.0
0/11/2010	TOOLE_Z_RENGO+	TOB	CAISO	20.0	market	0.0
5/11/2018	VOLTA_6_DIGHYD	PGAE	System	0.2	optimization	0.0
0/11/2010	VOE17(_0_BIOTTIB	1 O/L	Cystem	0.2	market	0.0
5/11/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
3/11/2010	WALGITIC_Z_GTGT	OOL	LA Dasin	0.4	market	0.0
5/11/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
0/11/2010	W/120111_2_0102	002	L/ (Basiii	0.0	market	0.0
5/11/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
3/11/2010	WALGITIC_Z_G1GG	OOL	LA Dasin	0.2	market	0.0
5/12/2018	ANZA_6_SOLAR1	SDGE		1.7	optimization	0.0
3/12/2010	ANZA_O_COLART	ODOL		1.7	market	0.0
5/12/2018	AVENAL_6_AVSLR1	PGAE	Fresno	6.4	optimization	0.0
3/12/2010	AVENAL_O_AVOERT	TOAL	1 103110	0.4	market	0.0
5/12/2018	AVENAL_6_AVSLR2	PGAE	Fresno	4.2	optimization	0.0
3/12/2010	AVENAL_O_AVOENZ	TOAL	1 163110	7.2	market	0.0
5/12/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
3/12/2010	CALI GO_O_GOLART	ODOL	San	3.0	market	0.0
5/12/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
3/12/2010	ONTINEA_Z_OOLARZ	ODOL	CAISO	0.0	market	0.0
5/12/2018	COPMT4_2_SOLAR4	SCE	System	57.2	optimization	0.0
3/12/2010	OOI WITH_Z_OOLARC	OOL	Oystem	01.2	market	0.0
5/12/2018	GRIDLY 6 SOLAR	PGAE	Sierra	0.2	optimization	0.0
3/12/2010	ONBET_0_GGEAR	TOAL	Olcita	0.2	market	0.0
5/12/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	3.0	optimization	0.0
0/12/2010	110111511 _1_0111100_2	1 0/12	Tidinibolat	0.0	market	0.0
5/12/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
0, 12,2010	110111211120_011110_0	. 0, 12	Trambolat	0.0	market	0.0
5/12/2018	MAGUND 1 BKSSR2	PGAE	Kern	2.1	optimization	0.0
0, 12,2010	111111111111111111111111111111111111111	. 0, 12	1.0		market	0.0
5/12/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	optimization	0.0
0, 12, 20 10					market	0.0
5/12/2018	RVSIDE 2 RERCU4	RVSD	LA Basin	20.0	optimization	0.0
		1111			market	0.0
5/12/2018	TRNQLT 2 SOLAR	PGAE	Fresno	37.2	optimization	0.0
					market	0.0
5/13/2018	ANZA 6 SOLAR1	SDGE		2.0	optimization	0.0
<u> </u>					market	
5/13/2018	AVENAL 6 AVSLR1	PGAE	Fresno	4.9	optimization	0.0
			22	1.0	market	3.3
5/13/2018	AVENAL 6 AVSLR2	PGAE	Fresno	4.1	optimization	0.0
				1	market	3.3
5/13/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
_ : -: _ : - : -			San		market	
	1	1	1	1		i

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	UDC	Area	RA	Reason	award
			7 0	MW		anara
			CAISO		market	
5/13/2018	COPMT4_2_SOLAR4	SCE	System	55.7	optimization	0.0
					market	
5/13/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
5/13/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.4	optimization	0.0
	<u>-</u>				market	
5/13/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.1	optimization	0.0
F/40/0040	MACHINE 4 DICCORO	DOAF	160	0.4	market	0.0
5/13/2018	MAGUND_1_BKSSR2	PGAE	Kern	2.1	optimization market	0.0
5/14/2018	ANZA_6_SOLAR1	SDGE		2.1	optimization	0.0
3/14/2016	ANZA_6_SOLAR I	SDGE		2.1	market	0.0
5/14/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
3/14/2010	CALI GO_G_GGEART	ODOL	San	0.0	market	0.0
5/14/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/11/2010	0.11.112.1 <u></u> 002.1112	3232	Big	0.0	opuiii	0.0
			Creek-		market	
5/14/2018	EASTWD_7_UNIT	SCE	Ventura	200.0	optimization	0.0
					market	
5/14/2018	GARNET_2_HYDRO	SCE	LA Basin	0.7	optimization	0.0
					market	
5/14/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
					market	
5/14/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
-// //00/0		5015			market	
5/14/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	2.5	optimization	0.0
E/14/2019	LILIMADOD & LINITS 2	DCAE	Llumbaldt	1 =	market	0.0
5/14/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt CAISO	4.5	optimization market	0.0
5/14/2018	PNCHEG_2_PL1X4_1	PGAE	System	46.8	optimization	0.0
3/14/2010	11101120_2_1 2124_1	TOAL	CAISO	70.0	market	0.0
5/14/2018	PNCHEG 2 PL1X4 4	PGAE	System	351.0	optimization	0.0
0,1,120.0			CAISO	00110	market	0.0
5/14/2018	SANLOB_1_LNDFIL	PGAE	System	1.5	optimization	0.0
			Big			
			Creek-		market	
5/14/2018	SUNSHN_2_LNDFL	PGAE	Ventura	4.1	optimization	0.0
					market	
5/15/2018	ANZA_6_SOLAR1	SDGE		2.2	optimization	0.0
E /4 E /004 0	DADDE O DEAKED	005	I A Davis	47.0	market	0.0
5/15/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	optimization	0.0
5/15/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
3/13/2018	BOGUE_I_UNITAT	FGAE	Siella	20.0	market	0.0
5/15/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
3/13/2010	CALL CO_O_COLART	JUGE	CAISO	0.0	market	0.0
5/15/2018	CEDRCK_6_UNIT	PGAE	System	0.6	optimization	0.0
5. 15.2515			CAISO	0.0	market	0.0
5/15/2018	CLOVER_2_UNIT	PGAE	System	0.7	optimization	0.0
			San		market	
5/15/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			7 0	MW		G. 17 G. G
					market	
5/15/2018	GARNET_2_HYDRO	SCE	LA Basin	0.7	optimization	0.0
					market	
5/15/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
5/15/2018	GRNLF2_1_UNIT	PGAE	Sierra	10.9	optimization	0.0
5/45/0040		DO 4 E	CAISO		market	0.0
5/15/2018	HATCR2_7_UNIT	PGAE	System	1.1	optimization	0.0
E/4E/0040	LIATIOS S DIVIDUNA	DCAE	CAISO	0.0	market	0.0
5/15/2018	HATLOS_6_BWDHY1	PGAE	System CAISO	0.8	optimization market	0.0
5/15/2018	HATLOS_6_LSCRK	PGAE	System	0.2	optimization	0.0
3/13/2010	TIATEOS_0_ESCINI	FUAL	System	0.2	market	0.0
5/15/2018	HAYPRS_6_QFUNTS	PGAE	Sierra	10.3	optimization	0.0
0/10/2010	11/11/10_0_0_Q1 011/10	1 0/12	CAISO	10.0	market	0.0
5/15/2018	KILARC_2_UNIT 1	PGAE	System	1.5	optimization	0.0
0,10,00		1	- Cy Cross		market	
5/15/2018	MAGUND_1_BKSSR2	PGAE	Kern	1.4	optimization	0.0
					market	
5/15/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	507.5	optimization	0.0
					market	
5/15/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	568.0	optimization	0.0
			CAISO		market	
5/15/2018	OLSEN_2_UNIT	PGAE	System	2.0	optimization	0.0
			CAISO		market	
5/15/2018	PNCHEG_2_PL1X4_2	PGAE	System	90.9	optimization	0.0
E/4E/0040	DVOIDE O DEDOUIO	DVCD	I A Dasin	00.0	market	0.0
5/15/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	optimization	0.0
5/15/2018	TOADTW 6 LINIT	PGAE	CAISO	0.8	market	0.0
3/13/2016	TOADTW_6_UNIT	PGAE	System	0.6	optimization market	0.0
5/15/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
0/10/2010	W/\LOT_Z_\OT\\\Z	1002	L/ (Basiii	0.0	market	0.0
5/15/2018	YUBACT 6 UNITA1	PGAE	Sierra	29.8	optimization	0.0
0,10,20		1 011			market	
5/16/2018	ANZA_6_SOLAR1	SDGE		2.2	optimization	0.0
					market	
5/16/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
5/16/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
					market	
5/16/2018	GLNARM_7_UNIT 3	PASA	LA Basin	44.8	optimization	0.0
F/4.C/004.0	ODIDLY C COLAD	DOAE	0:	0.4	market	0.0
5/16/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
5/16/2018	HATCR1_7_UNIT	PGAE	CAISO	0.8	market optimization	0.0
3/10/2016	HATORI_/_UNII	FGAE	System	0.6	market	0.0
5/16/2018	OLDRIV_6_LKVBM1	PGAE		0.9	optimization	0.0
3/10/2010	OLDINIV_O_LINVDIVI I	IOAL	CAISO	0.9	market	0.0
5/16/2018	PNCHEG_2_PL1X4_1	PGAE	System	46.8	optimization	0.0
2, 12, 20, 3			CAISO	10.0	market	
5/16/2018	PNCHEG_2_PL1X4_4	PGAE	System	181.7	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource		Area	RA	rtoason	award
				MW		
					market	
5/16/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	optimization	0.0
E/40/0040	0100110 4 0144514	DO 4 E	CAISO	0.7	market	0.0
5/16/2018	SISQUC_1_SMARIA	PGAE	System CAISO	0.7	optimization	0.0
5/16/2018	TOADTW_6_UNIT	PGAE	System	0.8	market optimization	0.0
3/10/2010	TOADTW_0_UNIT	FUAL	System	0.0	market	0.0
5/16/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
					market	
5/17/2018	ANZA_6_SOLAR1	SDGE		2.2	optimization	0.0
					market	
5/17/2018	BIOMAS_1_UNIT 1	PGAE	Sierra	3.0	optimization	0.0
5/17/2018	CALBEE & SOLAB1	SDGE		2.0	market	0.0
5/17/2016	CALPSS_6_SOLAR1	SDGE	San	3.0	optimization market	0.0
5/17/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0,1172010	0111112/1 <u>-</u> 2_002/1112	ODOL	CAISO	0.0	market	0.0
5/17/2018	CUYAMS_6_CUYSR1	PGAE	System	27.8	optimization	0.0
					market	
5/17/2018	DRUM_7_PL1X2	PGAE	Sierra	10.0	optimization	0.0
-/4-/0040	55.44 - 5.07	5045	٥.		market	
5/17/2018	DRUM_7_PL3X4	PGAE	Sierra	15.5	optimization	0.0
5/17/2018	GLDTWN_6_COLUM3	SCE	CAISO	4.4	market optimization	0.0
3/11/2016	GLDTWN_0_COLONS	SCE	System	4.4	market	0.0
5/17/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
0, 11, 2010					market	
5/17/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
			CAISO		market	
5/17/2018	KILARC_2_UNIT 1	PGAE	System	1.5	optimization	0.0
E/47/2040	MADODAL C COLADA	DOAE	CAISO	40.7	market	0.0
5/17/2018	MARCPW_6_SOLAR1	PGAE	System	13.7	optimization market	0.0
5/17/2018	MTNPOS 1 UNIT	PGAE	Kern	15.8	optimization	0.0
0/11/2010	WITH 00_1_01411	1 O/LE	ROIII	10.0	market	0.0
5/17/2018	OLDRIV_6_LKVBM1	PGAE		0.9	optimization	0.0
					market	
5/17/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	49.0	optimization	0.0
-/4-/0040	01/5511 0 001 154	5015		400	market	
5/17/2018	SKERN_6_SOLAR1	PGAE	Kern	13.2	optimization	0.0
5/17/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
3/17/2010	WALCINI_Z_CTGZ	JOCE	LA Dasiii	0.0	market	0.0
5/17/2018	WALNUT_7_WCOVST	SCE	LA Basin	0.1	optimization	0.0
					market	
5/18/2018	ANZA_6_SOLAR1	SDGE		2.5	optimization	0.0
-11515					market	_
5/18/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	optimization	0.0
5/18/2018	CALPSS 6 SOLAR1	SDGE		3.0	market optimization	0.0
3/10/2016	OALFOO_U_SOLAR I	SDGE	San	3.0	market	0.0
5/18/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
			Big			
			Creek-		market	
5/18/2018	EASTWD_7_UNIT	SCE	Ventura	200.0	optimization	0.0
_,,,,,,					market	
5/18/2018	GEYS11_7_UNIT11	PGAE	NCNB	6.0	optimization	0.0
5/40/0040	OLNIADNI Z LINIT O	D. C. C.		45.4	market	0.0
5/18/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
F/40/0040	CONTROL CLINIT	DO 4 E	CAISO	0.0	market	0.0
5/18/2018	GONZLS_6_UNIT	PGAE	System	0.3	optimization	0.0
5/18/2018	CDIDLY 6 SOLAD	PGAE	Sierra	0.1	market optimization	0.0
3/10/2016	GRIDLY_6_SOLAR	PGAL	Sierra	0.1	market	0.0
5/18/2018	GYS7X8_7_UNITS	PGAE	NCNB	2.0	optimization	0.0
3/10/2010	G137X0_7_0N113	FUAL	INCIND	2.0	market	0.0
5/18/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	35.0	optimization	0.0
3/10/2010	KVSIDE_Z_KEKCOS	IVVOD	Big	33.0	Optimization	0.0
			Creek-		market	
5/18/2018	SUNSHN_2_LNDFL	PGAE	Ventura	1.5	optimization	0.0
0,10,2010		1 0/12	Vontara	1.0	market	0.0
5/18/2018	UNOCAL 1 UNITS	PGAE	Bay Area	3.4	optimization	0.0
0, 10, 2010			24,764	0	market	0.0
5/18/2018	WOODWR_1_HYDRO	PGAE	Fresno	6.6	optimization	0.0
	 				market	
5/19/2018	ANZA_6_SOLAR1	SDGE		2.5	optimization	0.0
					market	
5/19/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
5/19/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			Big			
			Creek-		market	
5/19/2018	EASTWD_7_UNIT	SCE	Ventura	200.0	optimization	0.0
					market	
5/19/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
5/40/0040	0010174 0 00140	DO 4 E	٥.	0.4	market	0.0
5/19/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
E/40/2040	1//01 DD -0 -001 AD4	CDCE	San Diago IV	4045	market	0.0
5/19/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	134.5	optimization market	0.0
5/19/2018	MIRLOM 6 PEAKER	SCE	LA Basin	46.0	optimization	0.0
3/19/2016	WIRLOW_6_PEAKER	SCE	LA Dasili	46.0	market	0.0
5/19/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	30.0	optimization	0.0
3/13/2010	KVOIDE_Z_KEKOOS	ICVOD	LA Dasin	30.0	market	0.0
5/19/2018	WALCRK 2 CTG2	SCE	LA Basin	0.0	optimization	0.0
5, 15, 2010				0.0	market	0.0
5/19/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
5. 5. 5. 5	- <u></u>				market	
5/20/2018	ANZA_6_SOLAR1	SDGE	1	2.5	optimization	0.0
					market	
5/20/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
5/20/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
,,			CAISO		market	
5/20/2018	COPMT4_2_SOLAR4	SCE	System	62.1	optimization	0.0
			Big			
E/20/2019	EASTMD 7 LINE	SCE	Creek- Ventura	200.0	market	0.0
5/20/2018	EASTWD_7_UNIT	SCE	ventura	200.0	optimization market	0.0
5/20/2018	HUMBPP 6 UNITS 2	PGAE	Humboldt	3.5	optimization	0.0
0/20/2010	110MB11_0_014110_2	1 O/L	Tidilibolat	0.0	market	0.0
5/20/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.6	optimization	0.0
					market	
5/20/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	optimization	0.0
			San		market	
5/20/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	134.0	optimization	0.0
					market	
5/20/2018	SKERN_6_SOLAR1	PGAE	Kern	12.9	optimization	0.0
			Big			
- /00 /00 / 0	00	2015	Creek-		market	
5/20/2018	SUNSHN_2_LNDFL	PGAE	Ventura	13.0	optimization	0.0
F/00/0040	TONOLT O COLAD	DO 4 E	F	404.0	market	0.0
5/20/2018	TRNQLT_2_SOLAR	PGAE	Fresno	131.0	optimization	0.0
5/20/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
3/20/2016	WALCKK_Z_C1G3	SCE	LA Dasiii	0.2	market	0.0
5/21/2018	ANAHM 2 CANYN4	ANHM	LA Basin	6.3	optimization	0.0
0/21/2010	7 (1 (7 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1	7 (1 41 1111)	L/ (Dasiii	0.0	market	0.0
5/21/2018	ANZA_6_SOLAR1	SDGE		2.5	optimization	0.0
					market	
5/21/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
5/21/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
					market	
5/21/2018	FMEADO_6_HELLHL	PGAE	Sierra	0.4	optimization	0.0
5/04/0040	LUMBER O LINUTO O	DO 4 E		4.0	market	0.0
5/21/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	optimization	0.0
5/21/2018	HUMBPP 6 UNITS 3	PGAE	Humboldt	6.0	market optimization	0.0
3/21/2010	HOMBER_0_UNITS_3	FGAL	San	0.0	market	0.0
5/21/2018	IVSLRP 2 SOLAR1	SDGE	Diego-IV	134.3	optimization	0.0
0/21/2010		ODOL	Diogo IV	10 1.0	market	0.0
5/21/2018	NOVATO 6 LNDFL	PGAE	NCNB	0.9	optimization	0.0
					market	
5/21/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	30.0	optimization	0.0
			CAISO		market	
5/21/2018	SANLOB_1_LNDFIL	PGAE	System	1.5	optimization	0.0
,,			CAISO		market	_
5/21/2018	SLUISP_2_UNITS	CWRP	System	40.0	optimization	0.0
			Big			
E/22/2010	ALAMO CLINUT	CMADO	Creek-	4.0	market	
5/22/2018	ALAMO_6_UNIT	CWRS	Ventura	1.0	optimization market	0.0
5/22/2018	ANAHM_2_CANYN4	ANHM	LA Basin	6.3	optimization	0.0
JIZZIZUIÖ	ANATIVI_Z_CANTIN4	AINLIN	LA DaSIII	0.3	opumization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
					market	
5/22/2018	ANZA_6_SOLAR1	SDGE		2.5	optimization	0.0
					market	
5/22/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
5/22/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
E/00/0040	DDUM 7 DLAVO	DOAE	0:	40.0	market	0.0
5/22/2018	DRUM_7_PL1X2	PGAE	Sierra	10.0	optimization	0.0
5/22/2018	DRUM 7 PL3X4	PGAE	Sierra	15.5	market optimization	0.0
3/22/2016	DRUM_/_PL3X4	PGAE	Sierra	15.5	market	0.0
5/22/2018	FMEADO_6_HELLHL	PGAE	Sierra	0.4	optimization	0.0
3/22/2010	FINEADO_0_NELLIIL	FGAL	Sierra	0.4	market	0.0
5/22/2018	GEYS11 7 UNIT11	PGAE	NCNB	6.0	optimization	0.0
0/22/2010	021011_7_0141111	1 O/LE	NONE	0.0	market	0.0
5/22/2018	GLNARM 7 UNIT 3	PASA	LA Basin	44.8	optimization	0.0
0/22/2010	<u> </u>	171071	L/ (Baoiii	11.0	market	0.0
5/22/2018	MIRLOM 6 PEAKER	SCE	LA Basin	46.0	optimization	0.0
0,12,20.0			CAISO		market	0.0
5/22/2018	PNCHEG 2 PL1X4 1	PGAE	System	46.8	optimization	0.0
			CAISO		market	
5/22/2018	PNCHEG_2_PL1X4_4	PGAE	System	375.5	optimization	0.0
					market	
5/22/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	optimization	0.0
			CAISO		market	
5/22/2018	SLUISP_2_UNITS	CWRP	System	123.0	optimization	0.0
					market	
5/22/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
			1		market	
5/22/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
E/00/0040	VIJDA OT C. LINUTA 4	DOAE	0:	00.0	market	0.0
5/22/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization market	0.0
E/22/2010	ANZA 6 SOLAR1	SDGE		1.0		0.0
5/23/2018	ANZA_6_SOLAR I	SDGE		1.0	optimization market	0.0
5/23/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
3/23/2010	CALFOO_0_SOLART	SDGL		3.0	market	0.0
5/23/2018	CAMPFW 7 FARWST	PGAE	Sierra	4.1	optimization	0.0
0/20/2010		1 0/12	San		market	0.0
5/23/2018	CNTNLA 2 SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			Big			0.0
			Creek-		market	
5/23/2018	EASTWD_7_UNIT	SCE	Ventura	200.0	optimization	0.0
					market	
5/23/2018	FMEADO_6_HELLHL	PGAE	Sierra	0.4	optimization	0.0
					market	
5/23/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
			CAISO		market	
5/23/2018	GONZLS_6_UNIT	PGAE	System	0.3	optimization	0.0
5/00/00/1		DC 1 =			market	
5/23/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource		Area	RA	rteason	award
				MW		
	<u>-</u>				market	
5/23/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.0	optimization	0.0
5/23/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	7.9	market optimization	0.0
3/23/2016	HUMBPP_0_UNITS_4	PGAE	CAISO	7.9	market	0.0
5/23/2018	PNCHEG_2_PL1X4_1	PGAE	System	49.8	optimization	0.0
0,10,10			CAISO	7010	market	
5/23/2018	PNCHEG_2_PL1X4_4	PGAE	System	301.3	optimization	0.0
			Big			
5/00/0040	DECTOR 0 14414414	005	Creek-		market	0.0
5/23/2018	RECTOR_2_KAWH 1	SCE	Ventura CAISO	1.4	optimization	0.0
5/23/2018	SANLOB_1_LNDFIL	PGAE	System	1.5	market optimization	0.0
3/23/2010	OANEOB_1_LINDI IL	TOAL	Oystem	1.5	market	0.0
5/24/2018	ANAHM_2_CANYN4	ANHM	LA Basin	6.3	optimization	0.0
					market	
5/24/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
5/24/2018	CALPSS_6_SOLAR1	SDGE	0	3.0	optimization	0.0
5/24/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
3/24/2010	CNTNLA_Z_SOLANZ	SDGL	Big	3.0	Optimization	0.0
			Creek-		market	
5/24/2018	EASTWD_7_UNIT	SCE	Ventura	200.0	optimization	0.0
					market	
5/24/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
F/04/0040	LILINADDD 4 LINITOO 0	DOAF	المام والمسال	0.0	market	0.0
5/24/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization market	0.0
5/24/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
0/2 1/2010		. 0, 12	Transolat		market	0.0
5/24/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
5/24/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	optimization	0.0
E/04/0040	MIDLOM C DEAKED	COE	I A Doois	40.0	market	0.0
5/24/2018	MIRLOM_6_PEAKER	SCE	LA Basin San	46.0	optimization market	0.0
5/24/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV	7.5	optimization	0.0
0/2 1/2010		ODOL	CAISO	7.0	market	0.0
5/24/2018	PEABDY_2_LNDFL1	PGAE	System	0.5	optimization	0.0
			San		market	
5/24/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	6.5	optimization	0.0
E/04/0040	DIODIC O OTOO	0005	San	0.0	market	0.0
5/24/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	9.3	optimization	0.0
5/24/2018	PLACVL_1_RCKCRE	PGAE	Sierra	1.2	market optimization	0.0
512-112010	1 2,10 v L_1_1(0)(0)(L	IOAL	CAISO	1.2	market	0.0
5/24/2018	PNCHEG_2_PL1X4_1	PGAE	System	23.4	optimization	0.0
			CAISO		market	
5/24/2018	PNCHEG_2_PL1X4_4	PGAE	System	201.0	optimization	0.0
F/0.4/004.5	DV01DE 0 DED0112	D) (05		05.0	market	2.2
5/24/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	35.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
- /2 / /2 2 / 2	WALCEL & 0.700	005	l		market	
5/24/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
E/0E/0019	ANIALIM 7 OT	ANILINA	I A Booin	40.0	market	0.0
5/25/2018	ANAHM_7_CT	ANHM	LA Basin	42.8	optimization market	0.0
5/25/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
0/20/2010	7111271_0_00171111	ODOL		1.0	market	0.0
5/25/2018	BOWMN 6 HYDRO	PGAE	Sierra	3.6	optimization	0.0
					market	
5/25/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
5/25/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			Big			
E/0E/0019	FACTIAND 7 LINUT	SCE	Creek-	200.0	market	0.0
5/25/2018	EASTWD_7_UNIT	SCE	Ventura	200.0	optimization market	0.0
5/25/2018	FMEADO_6_HELLHL	PGAE	Sierra	0.4	optimization	0.0
3/23/2010	T WEADO_O_TIELETIE	1 OAL	Oicita	0.4	market	0.0
5/25/2018	HAYPRS 6 QFUNTS	PGAE	Sierra	7.5	optimization	0.0
					market	
5/25/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
5/25/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
5/05/0040	LUMBER O LINUTO O	DO 4 E		- 4	market	0.0
5/25/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.4	optimization	0.0
5/25/2018	KERKH2 7 UNIT 1	PGAE	Fresno	125.0	market optimization	0.0
3/23/2016	KERKHZ_/_UNII I	PGAE	riesiio	123.0	market	0.0
5/25/2018	OLDRIV_6_LKVBM1	PGAE		0.9	optimization	0.0
0/20/2010	025111V_0_2111VBINIT	. 0, 12	CAISO	0.0	market	0.0
5/25/2018	PIT7_7_UNIT 1	PGAE	System	4.5	optimization	0.0
			CAISO		market	
5/25/2018	PNCHEG_2_PL1X4_4	PGAE	System	181.7	optimization	0.0
					market	
5/25/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	optimization	0.0
E/0E/0049	WALCEK 2 CTC2	COF	I A Booin	0.0	market	0.0
5/25/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization market	0.0
5/25/2018	WALCRK 2 CTG3	SCE	LA Basin	0.2	optimization	0.0
3/23/2010	WALGITI-Z_G1G5	OOL	LA Dasin	0.2	market	0.0
5/26/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
5/26/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	optimization	0.0
					market	
5/26/2018	BIOMAS_1_UNIT 1	PGAE	Sierra	10.5	optimization	0.0
F/00/0040	DI CIVITI O CTONEY	NODA	CAISO	4.0	market	
5/26/2018	BLCKBT_2_STONEY	NCPA	System	1.3	optimization	0.0
5/26/2018	CALPSS 6 SOLAR1	SDGE		3.0	market optimization	0.0
3/20/2010	OALI GO_O_GOLAITI	SDGE	San	3.0	market	0.0
5/26/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0

Date	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
5/26/2018 COPMT4_2_SOLAR4 SCE System 64.0 optimization market optimization optimization optimization optimization optimization optimization optimization op	0.0 0.0 0.0 0.0 0.0
5/26/2018 COPMT4_2_SOLAR4 SCE System 64.0 optimization market market optimization optimization market optimization opt	0.0 0.0 0.0 0.0 0.0
5/26/2018 GLNARM_7_UNIT 3 PASA LA Basin 15.4 optimization market optimization market optimization market 5/26/2018 MIRLOM_6_PEAKER SCE LA Basin 46.0 optimization market optimization market 5/26/2018 OLDRIV_6_LKVBM1 PGAE O.9 optimization market optimization market optimization market 5/26/2018 PNCHEG_2_PL1X4_1 PGAE System 46.8 optimization market optimization market optimization market 5/26/2018 TRNQLT_2_SOLAR PGAE Fresno 139.0 optimization market optimization market 5/26/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization market optimization market 5/26/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization market optimization market 5/27/2018 ANZA_6_SOLAR1 SDGE LA Basin 47.0 optimization market optimization market 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization market optimization market 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market	0.0 0.0 0.0 0.0 0.0
5/26/2018 GLNARM_7_UNIT 3 PASA LA Basin 15.4 optimization market market 5/26/2018 MIRLOM_6_PEAKER SCE LA Basin 46.0 optimization market 5/26/2018 OLDRIV_6_LKVBM1 PGAE 0.9 optimization market 5/26/2018 PNCHEG_2_PL1X4_1 PGAE System 46.8 optimization market 5/26/2018 TRNQLT_2_SOLAR PGAE Fresno 139.0 optimization market 5/26/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization market 5/26/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization market 5/27/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization market 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization market 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization market 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market	0.0 0.0 0.0 0.0
5/26/2018 MIRLOM_6_PEAKER SCE LA Basin 46.0 optimization market optimization optimization market optimization opt	0.0 0.0 0.0 0.0
5/26/2018 MIRLOM_6_PEAKER SCE LA Basin 46.0 optimization market optimization market optimization 5/26/2018 OLDRIV_6_LKVBM1 PGAE 0.9 optimization market optimization market optimization market optimization market 5/26/2018 TRNQLT_2_SOLAR PGAE Fresno 139.0 optimization market optimization market optimization market optimization market 5/26/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization market optimization optimization market optimization market optimization optimization optimization market optimization optimization market optimization optimizat	0.0 0.0 0.0 0.0
5/26/2018 OLDRIV_6_LKVBM1 PGAE 0.9 optimization optimization market optimization market 5/26/2018 PNCHEG_2_PL1X4_1 PGAE System 46.8 optimization market optimization optimization market 5/26/2018 TRNQLT_2_SOLAR PGAE Fresno 139.0 optimization market optimization market 5/26/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization market optimization market 5/26/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization market optimi	0.0 0.0 0.0 0.0
5/26/2018 OLDRIV_6_LKVBM1 PGAE 0.9 optimization market 5/26/2018 PNCHEG_2_PL1X4_1 PGAE System 46.8 optimization market 5/26/2018 TRNQLT_2_SOLAR PGAE Fresno 139.0 optimization market 5/26/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization market 5/26/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization market 5/27/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization market 5/27/2018 BARRE_6_PEAKER SCE LA Basin 47.0 optimization market 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization market 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market	0.0
5/26/2018 PNCHEG_2_PL1X4_1 PGAE System 46.8 optimization market optimization market 5/26/2018 TRNQLT_2_SOLAR PGAE Fresno 139.0 optimization optimization market 5/26/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization market 5/26/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization market 5/27/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization market 5/27/2018 BARRE_6_PEAKER SCE LA Basin 47.0 optimization market 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization market 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market	0.0
5/26/2018 PNCHEG_2_PL1X4_1 PGAE System 46.8 optimization market 5/26/2018 TRNQLT_2_SOLAR PGAE Fresno 139.0 optimization 5/26/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization 5/26/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization 5/27/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 5/27/2018 BARRE_6_PEAKER SCE LA Basin 47.0 optimization 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization	0.0
5/26/2018 TRNQLT_2_SOLAR PGAE Fresno 139.0 market optimization market optimization 5/26/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization market 5/26/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization market 5/27/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization market 5/27/2018 BARRE_6_PEAKER SCE LA Basin 47.0 optimization market 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization market 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market	0.0
5/26/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization optimization market optimization 5/26/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization optimization market optimization 5/27/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization market optimization optimization 5/27/2018 BARRE_6_PEAKER SCE LA Basin 47.0 optimization market optimization optimization 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization market optimization optimization optimization market	0.0
5/26/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization market 5/26/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization optimization 5/27/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization market 5/27/2018 BARRE_6_PEAKER SCE LA Basin 47.0 optimization market 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization market 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market	
5/26/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization optimization market 5/27/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization market 5/27/2018 BARRE_6_PEAKER SCE LA Basin 47.0 optimization market 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization market 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market	
5/26/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization market 5/27/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 5/27/2018 BARRE_6_PEAKER SCE LA Basin 47.0 optimization optimization 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization market 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market	0.0
5/27/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization optimization market optimization 5/27/2018 BARRE_6_PEAKER SCE LA Basin 47.0 optimization market 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization market 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market	0.0
5/27/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization market 5/27/2018 BARRE_6_PEAKER SCE LA Basin 47.0 optimization optimization market 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization market 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market	
5/27/2018 BARRE_6_PEAKER SCE LA Basin 47.0 market optimization 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market market optimization market optimization	
5/27/2018 BARRE_6_PEAKER SCE LA Basin 47.0 optimization market 5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization optimization 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization optimization optimization market market	0.0
5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization optimization 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization optimization market market	0.0
5/27/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization 5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market market	0.0
5/27/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market	0.0
5/27/2018CNTNLA_2_SOLAR2SDGEDiego-IV5.0optimizationmarket	0.0
market	0.0
5/27/2018 GLNARM_7_UNIT 3 PASA LA Basin 15.4 optimization	0.0
market	
5/27/2018 MIRLOM_6_PEAKER SCE LA Basin 46.0 optimization	0.0
CAISO market	
5/27/2018 PNCHEG_2_PL1X4_1 PGAE System 46.8 optimization	0.0
market	0.0
5/27/2018 TRNQLT_2_SOLAR PGAE Fresno 139.0 optimization	0.0
	0.0
5/28/2018 ALMEGT_1_UNIT 1 NCPA Bay Area 0.4 optimization market	0.0
5/28/2018 ANAHM_2_CANYN4 ANHM LA Basin 6.3 optimization	0.0
market	0.0
5/28/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization	0.0
market	
5/28/2018 BARRE_6_PEAKER SCE LA Basin 46.9 optimization	0.0
market	
5/28/2018 BOGUE_1_UNITA1 PGAE Sierra 47.6 optimization	0.0
market	
5/28/2018 CALPSS_6_SOLAR1 SDGE 3.0 optimization	0.0
San market	0.0
5/28/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization	0.0
market 5/28/2018 FMEADO_6_HELLHL PGAE Sierra 0.4 optimization	0.0
S/28/2016 PMEADO_6_HELLHL PGAE Sierra 0.4 Optimization market	0.0
5/28/2018 GLNARM_7_UNIT 3 PASA LA Basin 30.0 optimization	0.0
market	+
5/28/2018 GLNARM_7_UNIT 4 PASA LA Basin 9.0 optimization	

Date	Resource	UDC	Local	Non	Reason	RUC
Date	110000100	020	Area	RA	11000011	award
				MW		
					market	
5/28/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	optimization	0.0
			Big			
E/20/2010	ODMOND 7 LINIT 2 C1	SCE	Creek- Ventura	100.2	market	0.0
5/28/2018	ORMOND_7_UNIT 2_C1	SCE	Big	108.3	optimization	0.0
			Creek-		market	
5/28/2018	ORMOND_7_UNIT 2_C2	SCE	Ventura	400.0	optimization	0.0
			Big		1	
			Creek-		market	
5/28/2018	ORMOND_7_UNIT 2_C3	SCE	Ventura	700.0	optimization	0.0
			Big		_	
5/00/0040	ODMOND 7 LINUT 0 04	005	Creek-	750.0	market	0.0
5/28/2018	ORMOND_7_UNIT 2_C4	SCE	Ventura	750.0	optimization	0.0
5/28/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	7.5	market optimization	0.0
3/20/2010	FALOWIN_Z_FLTX5_ZX1_DI	SDGL	CAISO	7.5	market	0.0
5/28/2018	PNCHEG_2_PL1X4_1	PGAE	System	75.3	optimization	0.0
0/20/20 10		. 0	CAISO		market	0.0
5/28/2018	SANLOB_1_LNDFIL	PGAE	System	1.5	optimization	0.0
					market	
5/28/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
_,					market	
5/28/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
E/20/2010	WALCEK 2 CTC2	SCE	I A Booin	0.7	market	0.0
5/28/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization market	0.0
5/28/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
0/20/2010	**************************************	002	27 (20011)	0.0	market	0.0
5/28/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	0.0
					market	
5/29/2018	ANAHM_2_CANYN4	ANHM	LA Basin	6.3	optimization	0.0
_,					market	
5/29/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
5/29/2018	POCHE 1 LINITA1	PGAE	Sierra	20.0	market	0.0
5/29/2016	BOGUE_1_UNITA1	PGAE	Sierra	20.0	optimization market	0.0
5/29/2018	CALPSS 6 SOLAR1	SDGE		3.0	optimization	0.0
3,23,2010		2202		0.0	market	0.0
5/29/2018	CENTER_2_TECNG1	SCE		1.0	optimization	0.0
			San		market	
5/29/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			Big		_	
F/00/0040	EACTAID 7 LINE	005	Creek-	000.0	market	0.0
5/29/2018	EASTWD_7_UNIT	SCE	Ventura	200.0	optimization	0.0
5/29/2018	GLNARM_7_UNIT 3	PASA	LA Basin	18.0	market optimization	0.0
3/23/2010	GLIVARINI_I_UNIT 3	FASA	בת שמאווו	10.0	market	0.0
5/29/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
5.25.2515					market	0.0
5/29/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW	1 /	
5/29/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.8	market optimization	0.0
3/23/2010	110MB11_0_0M113_2	TOAL	San	3.0	market	0.0
5/29/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	99.0	optimization	0.0
			Big			
= /00 /00 / 0	00140115 - 111117 0 04	00=	Creek-		market	
5/29/2018	ORMOND_7_UNIT 2_C1	SCE	Ventura	100.0	optimization	0.0
			Big Creek-		market	
5/29/2018	ORMOND_7_UNIT 2_C2	SCE	Ventura	360.0	optimization	0.0
		1	Big			
			Creek-		market	
5/29/2018	ORMOND_7_UNIT 2_C3	SCE	Ventura	640.0	optimization	0.0
			Big Creek-		market	
5/29/2018	ORMOND_7_UNIT 2_C4	SCE	Ventura	734.6	optimization	0.0
0/20/2010	GRANGIAD_7_GRAN 2_GT	002	San	701.0	market	0.0
5/29/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	8.7	optimization	0.0
			CAISO		market	
5/29/2018	PNCHEG_2_PL1X4_1	PGAE	System	46.8	optimization	0.0
5/29/2018	PNCHEG_2_PL1X4_2	PGAE	CAISO	181.7	market optimization	0.0
5/29/2016	FINCHEG_Z_FL1X4_Z	PGAE	System CAISO	101.7	market	0.0
5/29/2018	SANLOB_1_LNDFIL	PGAE	System	1.5	optimization	0.0
					market	
5/29/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
E/00/0040	ANIZA C COLADA	0005		4.0	market	0.0
5/30/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization market	0.0
5/30/2018	BARRE 6 PEAKER	SCE	LA Basin	46.9	optimization	0.0
3,00,20.0				10.0	market	0.0
5/30/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
= /00/00/0	0=1,=== 0 ==01.07	00=			market	
5/30/2018	CENTER_2_TECNG1	SCE	Con	1.0	optimization	0.0
5/30/2018	CNTNLA 2 SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
0/00/2010	0111112/_2_002/112	ODGE	Diego IV	0.0	market	0.0
5/30/2018	FMEADO_7_UNIT	PGAE	Sierra	16.0	optimization	0.0
					market	
5/30/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
5/30/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
3/30/2018	TIOMBEE_0_ONITS_2	FGAL	San	4.5	market	0.0
5/30/2018	PALOMR_2_PL1X3_2X1	SDGE	Diego-IV	212.7	optimization	173.0
			CAISO		market	
5/30/2018	PNCHEG_2_PL1X4_1	PGAE	System	46.8	optimization	0.0
E/00/0040	CANLOD 4 INDELL	DOAE	CAISO	4.5	market	0.0
5/30/2018	SANLOB_1_LNDFIL	PGAE	System	1.5	optimization market	0.0
5/31/2018	ANAHM 7 CT	ANHM	LA Basin	42.8	optimization	0.0
5.525.0		1		12.5	market	
5/31/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
					market	
5/31/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	optimization	0.0
					market	
5/31/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
5/31/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
-/0.4/0.04.0	005,454 0 004 454	005	CAISO		market	
5/31/2018	COPMT4_2_SOLAR4	SCE	System	64.0	optimization	0.0
			Big			
E/04/0040	EACTAID 7 LINE	005	Creek-	000.0	market	0.0
5/31/2018	EASTWD_7_UNIT	SCE	Ventura	200.0	optimization	0.0
5/31/2018	GARNET_2_HYDRO	SCE	LA Basin	0.7	market optimization	0.0
3/31/2010	GARNET_Z_TTDRO	SCE	LA Dasiii	0.7	market	0.0
5/31/2018	GLNARM_7_UNIT 3	PASA	LA Basin	18.0	optimization	0.0
3/31/2010	OLIVARIU_/_OIVII 3	1 AOA	LA Dasin	10.0	market	0.0
5/31/2018	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.5	optimization	0.0
0/01/2010	110WB11_1_0141100_2	1 O/L	Tidilibolat	7.0	market	0.0
5/31/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
0,01,010			San		market	
5/31/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	37.3	optimization	0.0
			J		market	
5/31/2018	LODI25_2_UNIT 1	NCPA	Stockton	23.0	optimization	0.0
					market	
5/31/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	optimization	0.0
			Big			
			Creek-		market	
5/31/2018	ORMOND_7_UNIT 1_C1	SCE	Ventura	1.4	optimization	0.0
			Big			
			Creek-		market	
5/31/2018	ORMOND_7_UNIT 1_C2	SCE	Ventura	200.0	optimization	0.0
			Big			
E/04/0040	ODMOND 7 LINET 4 CO	005	Creek-	000.4	market	0.0
5/31/2018	ORMOND_7_UNIT 1_C3	SCE	Ventura	296.1	optimization	0.0
			Big Creek-		market	
5/31/2018	ORMOND 7 UNIT 1 C4	SCE	Ventura	27.8	optimization	0.0
3/31/2010	CINIOND_1_OINT1_C4	JUE	CAISO	21.0	market	0.0
5/31/2018	PNCHEG_2_PL1X4_1	PGAE	System	46.8	optimization	0.0
3/31/2010		. 0/1	CAISO	.0.0	market	0.0
5/31/2018	PNCHEG_2_PL1X4_2	PGAE	System	159.4	optimization	0.0
2.220.0		· -	2,2.2		market	
5/31/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
					market	
5/31/2018	WHEATL_6_LNDFIL	PGAE	Sierra	1.7	optimization	0.0
					market	
5/31/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0