

Non Resource Adequacy Capacity Report

July 2018

CAISO Market Quality and Renewable Integration

August 10, 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 July 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 July 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. 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 July 2018

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA MW		award
				IVIVV	market	
7/1/2018	ANZA 6 SOLAR1	SDGE		1.0	optimization	0.0
					market	
7/1/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	optimization	0.0
					market	
7/1/2018	BOGUE_1_UNITA1	PGAE	Sierra	37.4	optimization	0.0
7/4/0040	ONENI A O OOLABO	0005	San		market	
7/1/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
7/1/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	3.5	market optimization	0.0
1/1/2016	HUMBER_I_UNITSS_Z	PGAE	Humboldt	3.3	market	0.0
7/1/2018	HUMBPP 1 UNITS3 3	PGAE	Humboldt	6.0	optimization	0.0
17172010	110MB11_1_01M100_0	1 0/12	Tidilibolat	0.0	market	0.0
7/1/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	optimization	0.0
					market	
7/1/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.0	optimization	0.0
					market	
7/1/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	527.0	optimization	0.0
=///00/10		5015			market	
7/1/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	545.0	optimization	0.0
7/4/2040	DALOMB 2 BLAV2 2V4 DE	CDCE	San	44.0	market	0.0
7/1/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV CAISO	11.3	optimization market	0.0
7/1/2018	PNCHEG_2_PL1X4_4	PGAE	System	7.0	optimization	0.0
77 172010	11101120_2_1 21114_4	TOAL	Cystem	7.0	market	0.0
7/1/2018	YUBACT 6 UNITA1	PGAE	Sierra	20.0	optimization	0.0
17.17.20.10					market	0.10
7/2/2018	ANAHM_2_CANYN4	ANHM	LA Basin	26.3	optimization	0.0
					market	
7/2/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
7/2/2018	BARRE_6_PEAKER	SCE	LA Basin	46.9	optimization	0.0
7/0/0040	CNITNII A O COLADO	CDCE	San	- C	market	0.0
7/2/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization	0.0
7/2/2018	GONZLS_6_UNIT	PGAE	System	0.2	market optimization	0.0
112/2010	<u> </u>	TOAL	Cystem	0.2	market	0.0
7/2/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	2.9	optimization	0.0
1,1,1,1,1,1					market	0.10
7/2/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
7/2/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	4.6	optimization	0.0
,,_		56			market	
7/2/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	545.0	optimization	7.0
7/0/0040	DIODIC 2 CTC4	CDCE	San Diago IV	0.4	market	0.0
7/2/2018	PIOPIC_2_CTG1	SDGE	Diego-IV San	3.1	optimization	0.0
7/2/2018	PIOPIC_2_CTG3	SDGE	San Diego-IV	4.3	market optimization	0.0
1/2/2010	1 10110_2_0103	SDGE	Piedo-i A	4.3	υριππεαιίση	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
24.0	1,0000,00		Area	RA	11000011	award
				MW		
					market	
7/2/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	0.5	optimization	0.0
					market	
7/2/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	optimization	0.0
			CAISO		market	
7/2/2018	VOLTA_6_DIGHYD	PGAE	System	0.1	optimization	0.0
7/0/0040	WALCEK 2 CTC2	SCE	I A Danin	0.4	market	0.0
7/2/2018	WALCRK_2_CTG2	SCE	LA Basin	0.4	optimization market	0.0
7/2/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	0.0
112/2010	TOBACT_0_CINITAT	IOAL	Sierra	47.0	market	0.0
7/3/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
170/2010	7 11 12 1 <u>-</u> 0_002 11 11	0002	San		market	0.0
7/3/2018	CNTNLA 2 SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
7/3/2018	GONZLS_6_UNIT	PGAE	System	0.2	optimization	0.0
					market	
7/3/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
7/3/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	4.5
7/2/2040	LILIMDDD C LINITO O	DCAE	I I was booked	4 -	market	2.5
7/3/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization market	3.5
7/3/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
173/2010	110MB11_0_014110_3	TOAL	Tidilibolat	0.0	market	0.0
7/3/2018	HUMBPP 6 UNITS 3	PGAE	Humboldt	6.8	optimization	6.8
					market	
7/3/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	optimization	2.9
					market	
7/3/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	optimization	9.1
					market	
7/3/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	545.0	optimization	25.0
7/2/2010	VIIDACT C LINITAA	PGAE	Ciarra	20.0	market	24.0
7/3/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization market	24.9
7/4/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
17-7/2010	, u.e.ro_ooeniii	ODOL	San	1.0	market	0.0
7/4/2018	CNTNLA 2 SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
				-	market	-
7/4/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.3	optimization	0.0
					market	
7/4/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	optimization	0.0
7///05:5	METEO O BLAVO SVI	D0:-		500 -	market	
7/4/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	508.5	optimization	0.0
7/4/2040	METEC 2 DIAVA 2V4 DD	DC A E	Doy Area	EAE O	market	140
7/4/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area Big	545.0	optimization	14.0
			Creek-		market	
7/4/2018	SAUGUS 6 PTCHGN	SCE	Ventura	0.1	optimization	0.0
		-		<u> </u>	market	5.5
7/4/2018	WALCRK_2_CTG2	SCE	LA Basin	0.4	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
					market	
7/4/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
					market	
7/5/2018	ANAHM_2_CANYN4	ANHM	LA Basin	26.3	optimization	0.0
					market	
7/5/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
7/5/0040	DADDE O DEAKED	005	I A Davis	47.0	market	0.0
7/5/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	optimization	0.0
7/5/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
7/3/2016	CNTNLA_2_SOLAR2	SDGE	Diego-iv	5.0	market	0.0
7/5/2018	GLNARM 7 UNIT 3	PASA	LA Basin	15.4	optimization	0.0
173/2010	OLIVARINET_ORITS	1 707	San	13.4	market	0.0
7/5/2018	PALOMR 2 PL1X3 2X1	SDGE	Diego-IV	118.9	optimization	0.0
17072010		0202	CAISO		market	0.0
7/5/2018	PNCHEG_2_PL1X4_4	PGAE	System	16.0	optimization	0.0
					market	
7/5/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	0.5	optimization	0.0
			CAISO		market	
7/5/2018	SANLOB_1_LNDFIL	PGAE	System	1.5	optimization	0.0
					market	
7/5/2018	USWND4_2_UNIT2	PGAE		3.0	optimization	0.0
		.,			market	
7/5/2018	VERNON_6_GONZL2	VERN	LA Basin	0.8	optimization	0.0
7/5/0040	WALORK O OTO4	005	LA Davis	0.4	market	0.0
7/5/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
7/5/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
7/3/2016	WALCKK_Z_CTG3	SCE	LA DaSIII	0.7	market	0.0
7/5/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
173/2010	TOBACT_0_CIVITAT	TOAL	Oicita	20.0	market	0.0
7/5/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	27.6
					market	
7/6/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
7/6/2018	CENTER_6_PEAKER	SCE	LA Basin	0.1	optimization	0.0
			San		market	
7/6/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			Big			
7/0/0040	FACTIAND 7 LINET	005	Creek-	200.0	market	0.0
7/6/2018	EASTWD_7_UNIT	SCE	Ventura	200.0	optimization	0.0
7/6/2018	ENCINA_7_GT1	SDGE	San Diego-IV	14.5	market optimization	0.0
170/2010	LINOINA_I_OTT	SDGL	San	14.5	market	0.0
7/6/2018	ESCO_6_GLMQF	SDGE	Diego-IV	9.9	optimization	0.0
., 5, 25 15				0.0	market	0.0
7/6/2018	GLNARM_7_UNIT 3	PASA	LA Basin	25.0	optimization	0.0
					market	
7/6/2018	GLNARM_7_UNIT 4	PASA	LA Basin	0.9	optimization	0.0
					market	
7/6/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	110000100		Area	RA	11000011	award
				MW		
7/6/2018	LODI25_2_UNIT 1	NCPA	Stockton	23.0	market optimization	0.0
1/0/2010	LODIZS_Z_ONTI T	NOFA	Stockton	23.0	market	0.0
7/6/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	499.5	optimization	0.0
			San		market	
7/6/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	3.3	optimization	0.0
7/6/2018	REDOND_7_UNIT 8_C2	SCE	LA Basin	133.1	market optimization	0.0
770/2018	REDOND_7_ONIT 8_C2	JOL	LA Dasili	133.1	market	0.0
7/6/2018	TRNQLT_2_SOLAR	PGAE	Fresno	79.6	optimization	0.0
					market	
7/6/2018	VERNON_6_GONZL1	VERN	LA Basin	0.7	optimization	0.0
7/6/2018	VERNON 6 GONZL2	VERN	LA Basin	0.8	market optimization	0.0
770/2018	VERNON_0_GONZEZ	VLIXIN	LA Dasili	0.0	market	0.0
7/6/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
					market	
7/7/2018	ANAHM_2_CANYN2	ANHM	LA Basin	8.7	optimization	0.0
7/7/2018	ANZA 6 SOLAR1	SDGE		1.0	market optimization	0.0
7/1/2016	ANZA_0_SOLART	SDGE		1.0	market	0.0
7/7/2018	BANGOR_6_HYDRO	PGAE	Sierra	0.2	optimization	0.0
			San		market	
7/7/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
7/7/2018	GLNARM 7 UNIT 3	PASA	LA Basin	25.0	market optimization	0.0
1/1/2018	GLINARIVI_7_UNIT 3	FASA	LA Dasili	25.0	market	0.0
7/7/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	3.0	optimization	0.0
					market	
7/7/2018	HUMBPP_6_UNITS_5	PGAE	Humboldt	11.4	optimization	0.0
7/7/2018	METEC 2 PL1X3 2X1	PGAE	Bay Area	523.0	market optimization	0.0
7/1/2010	METEO_Z_TETXO_ZXT	TOAL	Day Alea	323.0	market	0.0
7/7/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	545.0	optimization	5.0
					market	
7/7/2018	REDOND_7_UNIT 5	SCE	LA Basin	28.7	optimization	0.0
7/7/2018	REDOND 7 UNIT 6	SCE	LA Basin	1.1	market optimization	0.0
77772010	REBOND_7_ONIT 0	OOL	LA Dasin	1.1	market	0.0
7/7/2018	VERNON_6_GONZL1	VERN	LA Basin	0.7	optimization	0.0
					market	
7/7/2018	VERNON_6_GONZL2	VERN	LA Basin	0.8	optimization	0.0
7/7/2018	YUBACT 6 UNITA1	PGAE	Sierra	47.6	market optimization	0.0
,2010	. 55.101_0_0111711	. 0, 1	0.0	0	market	0.0
7/7/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	27.6
7/0/0040	ANIZA C COLADA	0000		0.4	market	0.0
7/8/2018	ANZA_6_SOLAR1	SDGE	San	2.1	optimization market	0.0
7/8/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
1,5,20.0	- · · · · - · · <u> · · · · · · · · · ·</u>			5.5	market	- 0.0
7/8/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.2	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
20.00			Area	RA		award
				MW		
					market	
7/8/2018	OLDRIV_6_LKVBM1	PGAE	Kern	0.9	optimization	0.0
7/0/0040	TDNOLT O COLAD	DOAF		400.0	market	0.0
7/8/2018	TRNQLT_2_SOLAR	PGAE	Fresno	100.0	optimization	0.0
7/8/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
1/0/2010	TOBACT_0_UNITAT	FUAL	Sierra	20.0	market	0.0
7/8/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	27.6
					market	
7/9/2018	ANAHM_2_CANYN4	ANHM	LA Basin	26.3	optimization	0.0
					market	
7/9/2018	ANZA_6_SOLAR1	SDGE		1.7	optimization	0.0
			1		market	
7/9/2018	BARRE_6_PEAKER	SCE	LA Basin	0.1	optimization	0.0
7/0/0040	CNITNII A O COLADO	0005	San	- 0	market	0.0
7/9/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization market	0.0
7/9/2018	GARNET 2 HYDRO	SCE	LA Basin	0.4	optimization	0.0
1/9/2010	GARNET_Z_TTDRO	JOL	LA Dasili	0.4	market	0.0
7/9/2018	GLNARM 7 UNIT 3	PASA	LA Basin	17.3	optimization	0.0
17072010	<u> </u>	171071	271240111	1110	market	0.0
7/9/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.2	optimization	0.0
					market	
7/9/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
			San		market	
7/9/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	0.9	optimization	0.0
7/0/0040	DNOUES S DLAVA A	DOAF	CAISO	44.0	market	0.0
7/9/2018	PNCHEG_2_PL1X4_4	PGAE	System	11.0	optimization	0.0
			Big Creek-		market	
7/9/2018	SYCAMR_2_UNIT 2	SCE	Ventura	2.7	optimization	0.0
17072010		002	Vontara		market	0.0
7/10/2018	ANAHM_2_CANYN4	ANHM	LA Basin	1.9	optimization	0.0
					market	
7/10/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
7/10/2018	BARRE_6_PEAKER	SCE	LA Basin	0.1	optimization	0.0
7/40/0040	DOOLIE 4 LINUTA4	DOAF	0:	47.0	market	07.0
7/10/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	optimization	27.0
7/10/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
7710/2010	CIVITIEN_2_SOLAIN2	JOOL	Diego-iv	3.0	market	0.0
7/10/2018	GLNARM 7 UNIT 3	PASA	LA Basin	44.8	optimization	0.0
		1			market	
7/10/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.2	optimization	0.0
					market	
7/10/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.0	optimization	0.0
7/40/05:5		50:			market	
7/10/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	11.6	optimization	0.0
7/10/2012	LILIMBDD 6 LINUTS 0	DC 4 F	Llumb alak	4 5	market	0.0
7/10/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0

Date		11111	Local	Non	Reason	RUC
	Resource	UDC	Area	RA	Reason	award
				MW		
					market	
7/10/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
7/10/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	11.5	optimization	0.0
		5045		40 -	market	
7/10/2018	HUMBPP_6_UNITS_5	PGAE	Humboldt	12.7	optimization	0.0
7/10/2018	DNCHEC 2 DL1V4 4	PGAE	CAISO	20.0	market	0.0
7/10/2016	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization market	0.0
7/10/2018	WALCRK_2_CTG2	SCE	LA Basin	0.4	optimization	0.0
7710/2010	W/1201(1 <u></u> 1	OOL	L/ (Basiii	0.4	market	0.0
7/10/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	27.6
					market	
7/11/2018	ANAHM_2_CANYN2	ANHM	LA Basin	8.7	optimization	0.0
					market	
7/11/2018	ANAHM_2_CANYN4	ANHM	LA Basin	26.3	optimization	0.0
					market	
7/11/2018	ANZA_6_SOLAR1	SDGE		1.5	optimization	0.0
7/44/0040	DADDE & DEAKED	005	I A Dania	0.4	market	0.0
7/11/2018	BARRE_6_PEAKER	SCE	LA Basin	0.1	optimization market	0.0
7/11/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	optimization	0.0
7/11/2016	BOGOL_I_UNITAT	FUAL	Sierra	47.0	market	0.0
7/11/2018	BUCKCK 7 OAKFLT	PGAE	Sierra	0.9	optimization	0.0
1,11,2010			San	0.0	market	0.0
7/11/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
					market	
7/11/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
					market	
7/11/2018	GLNARM_7_UNIT 4	PASA	LA Basin	11.0	optimization	0.0
7/4.4/004.0		DO 4 E	0:	0.0	market	0.0
7/11/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.2	optimization	0.0
7/11/2018	HATCR1 7 UNIT	PGAE	CAISO System	0.8	market optimization	0.0
7/11/2016	HATCKI_I_UNIT	FGAL	System	0.6	market	0.0
7/11/2018	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.5	optimization	0.0
771172010	110MB11_1_01M100_2	. 0, 12	Trambolat		market	0.0
7/11/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	12.8	optimization	0.0
					market	
7/11/2018	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	optimization	0.0
					market	
7/11/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.2	optimization	0.0
7/44/0040	LUMBER O LINUTO 4	DOAE	11	0.4	market	0.0
7/11/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	optimization	0.0
7/11/2018	INLDEM_5_UNIT 1	SCE	LA Basin	73.9	market optimization	0.0
1/11/2010	HAFFEINI 2 OIAII I	JUE	בת שמאווו	13.8	market	0.0
7/11/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	560.0	optimization	22.0
.,,2010		. 5, (_	20, 7 110U	555.0	market	22.0
7/11/2018	OLDRIV_6_LKVBM1	PGAE	Kern	0.9	optimization	0.0
			San		market	
7/11/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	3.5	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			7 00.	MW		G. 17 G. G
			San		market	
7/11/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	1.4	optimization	0.0
			CAISO		market	
7/11/2018	PNCHEG_2_PL1X4_4	PGAE	System	7.0	optimization	0.0
					market	
7/11/2018	SBERDO_2_PSP3_C2	SCE	LA Basin	50.5	optimization	0.0
7/4.4/004.0	005000 0 0004 00	005		40.0	market	0.0
7/11/2018	SBERDO_2_PSP4_C2	SCE	LA Basin	13.2	optimization	0.0
7/11/2018	ULTPCH_1_UNIT 1	PGAE	Stockton	1.8	market optimization	0.0
7/11/2016	OLIPCH_I_UNII I	PGAE	SIOCKION	1.0	market	0.0
7/11/2018	VERNON_6_GONZL1	VERN	LA Basin	0.7	optimization	0.0
7/11/2010	VEIXIVOIV_0_GGIVZET	VEIXIV	LA Dasin	0.7	market	0.0
7/11/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
					market	
7/11/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
					market	
7/11/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
					market	
7/11/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
7/4.4/004.0	WEDER & FORWER	DO 4 E		4.0	market	0.0
7/11/2018	WEBER_6_FORWRD	PGAE	Stockton	4.0	optimization	0.0
7/11/2018	WHEATL_6_LNDFIL	PGAE	Sierra	0.2	market optimization	0.0
7/11/2010	WHEATL_O_LINDFIL	FGAL	Sierra	0.2	market	0.0
7/11/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	0.0
771172010	105/101_0_0/11/11	1 O/ (L	Ciorra	17.0	market	0.0
7/12/2018	ANZA_6_SOLAR1	SDGE		1.5	optimization	0.0
					market	
7/12/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	optimization	0.0
			San		market	
7/12/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			San		market	
7/12/2018	ENCINA_7_EA5_D1	SDGE	Diego-IV	17.6	optimization	0.0
7/40/0040	OLNIADAA Z LINIT O	DAGA	I A Dasin	44.0	market	0.0
7/12/2018	GLNARM_7_UNIT 3	PASA	LA Basin	44.8	optimization market	0.0
7/12/2018	GLNARM 7 UNIT 4	PASA	LA Basin	11.0	optimization	0.0
7712/2010	CENTARION_7_CIVIT 4	1 AOA	LA Dasin	11.0	market	0.0
7/12/2018	INLDEM_5_UNIT 1	SCE	LA Basin	117.0	optimization	0.0
					market	
7/12/2018	LODI25_2_UNIT 1	NCPA	Stockton	23.0	optimization	0.0
					market	
7/12/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	526.0	optimization	0.0
				_	market	
7/12/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	548.0	optimization	0.0
7/40/2042	DNOUEO O DLAVA A	DC 4 F	CAISO		market	2.2
7/12/2018	PNCHEG_2_PL1X4_4	PGAE	System	8.5	optimization	0.0
7/12/2018	SALIDY 2 LINIT	PGAE	CAISO	0.3	market optimization	0.0
1/12/2010	SALIRV_2_UNIT	FGAE	System	0.3	market	0.0
7/12/2018	VERNON_6_GONZL1	VERN	LA Basin	0.7	optimization	0.0
111212010	V = 1 (14014_0_00142E1	A = 1714	L \ Dasiii	0.7	- opuimzauon	0.0

Area RA MW	Date	Resource	UDC	Local	Non	Reason	RUC
7/12/2018 WALCRK_2_CTG1 SCE LA Basin 0.4 market optimization on on market optimizat				Area	RA		award
7/12/2018 WALCRK 2_CTG1 SCE LA Basin 0.4 optimization 0.0 market optimization 0.0 market optimization 0.0 o					MW		
7/12/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization on market optimization 0.0 7/13/2018 ANAHM_2_CANYN4 ANHM LA Basin 1.9 optimization 0.0 7/13/2018 ANZA_6_SOLAR1 SDGE 1.7 optimization 0.0 7/13/2018 BARRE_6_PEAKER SCE LA Basin 0.1 optimization 0.0 7/13/2018 BOGUE_1_UNITA1 PGAE Sierra 20.0 optimization 0.0 7/13/2018 BOGUE_1_UNITA1 PGAE Sierra 20.0 optimization 0.0 7/13/2018 BOGUE_1_UNITA1 PGAE Sierra 20.0 optimization 0.0 7/13/2018 EASTWD_7_UNIT SCE Ventura 200.0 optimization 0.0 7/13/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization 0.0 7/13/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 5.7 optimization 0.0 7/13/2018 INLDEM_5_UNIT1				1			
7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 market 0.0 0.0 market 0.0 0.0 market 0.0 0.0 market 0.0	7/12/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4		0.0
7/13/2018 ANAHM 2 CANYN4 ANHM ANHM LA Basin 1.9 diministration optimization on market optimization on optimization on market optimization on optimization on optimization on optimization on on market optimization on optimization on on market optimization on on market optimization on optimiza	7/40/0040	VUDACT C LINITAA	DCAE	Ciarra	47.0		0.0
7/13/2018 ANAHM_2_CANYN4 ANHM LA Basin 1.9 optimization market optimization o.0 7/13/2018 ANZA_6_SOLAR1 SDGE 1.7 optimization o.0 0.0 7/13/2018 BARRE_6_PEAKER SCE LA Basin 0.1 optimization	7/12/2018	YUBACI_6_UNITAT	PGAE	Sierra	47.6		0.0
7/13/2018 ANZA_6_SOLAR1 SDGE 1.7 market optimization market optimization market optimization market optimization on	7/13/2018		VVITIV	I A Basin	1 0		0.0
7/13/2018 ANZA_6_SOLAR1 SDGE 1.7 optimization market optimization out market optimization out out optimization out out optimization out out optimization out	7/13/2010	ANAIW_Z_CANTINA	AINI IIVI	LA Dasiii	1.3		0.0
7/13/2018 BARRE_6_PEAKER SCE LA Basin 0.1 market optimization optimization optimization optimization optimization market 0.0 7/13/2018 BOGUE_1_UNITA1 PGAE Sierra 20.0 optimization market 0.0 7/13/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 10.8 optimization optimizat	7/13/2018	ANZA 6 SOLAR1	SDGE		1.7		0.0
7/13/2018 BOGUE_1_UNITA1 PGAE Sierra San Diego-IV 20.0 optimization op						<u> </u>	
7/13/2018 BOGUE_1_UNITA1	7/13/2018	BARRE_6_PEAKER	SCE	LA Basin	0.1	optimization	0.0
7/13/2018 CNTNLA_2_SOLAR2 SDGE San Diego-IV Di							
7/13/2018 CNTNLA_2_SOLAR2 SDGE Big Creek-Ventura Diego-IV Optimization 10.8 Optimization 0.0 7/13/2018 EASTWD_7_UNIT SCE Ventura 200.0 Optimization optimization 0.0 7/13/2018 GLNARM_7_UNIT 3 PASA LA Basin Described in Market optimization optim	7/13/2018	BOGUE_1_UNITA1	PGAE		20.0	<u> </u>	0.0
Big Creek- Ventura 200.0 optimization 0.0	-/40/0040	0.17.11.4.0.001.450	0005		400		
7/13/2018 EASTWD_7_UNIT SCE Creek-Ventura Ventura 200.0 market optimization on market optimization on market optimization on optim	7/13/2018	CNINLA_2_SOLAR2	SDGE		10.8	optimization	0.0
7/13/2018 EASTWD_7_UNIT SCE Ventura 200.0 optimization market market 0.0 7/13/2018 GLNARM_7_UNIT 3 PASA LA Basin 25.0 optimization 0.0 7/13/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization 0.0 7/13/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 5.7 optimization 0.0 7/13/2018 HUMBPP_6_UNITS_6 PGAE Humboldt 13.6 optimization 0.0 7/13/2018 INLDEM_5_UNIT 1 SCE LA Basin 35.6 optimization 0.0 7/13/2018 METEC_2_PL1X3_2X1 PGAE Bay Area 517.0 optimization 0.0 7/13/2018 METEC_2_PL1X3_2X1_DB PGAE Bay Area 15.0 optimization 0.0 7/13/2018 OAK C_7_UNIT 2 PGAE Bay Area 15.0 optimization 0.0 7/13/2018 PALOMR_2_PL1X3_2X1_DF SDGE San market optimization 0.0 7/13/2						markat	
7/13/2018 GLNARM_7_UNIT 3 PASA LA Basin 25.0 market optimization on market optimization optimization optimization optimization optimization on market optimization on market optimization on optimization on on market optimization on on market optimization on on market optimization on on market optimization on on optimization on on optimization on on market optimization on on optimization on optimization on optimization on on optimization on optimization on optimization on optimization on optimization on optimization opt	7/13/2018	FASTWD 7 LINIT	SCE		200.0		0.0
7/13/2018 GLNARM_7_UNIT 3 PASA LA Basin 25.0 optimization market optimization 0.0 7/13/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization optimization 0.0 7/13/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 5.7 optimization optimization 0.0 7/13/2018 HUMBPP_6_UNITS_6 PGAE Humboldt 13.6 optimization optimization 0.0 7/13/2018 INLDEM_5_UNIT 1 SCE LA Basin 35.6 optimization optimization 0.0 7/13/2018 METEC_2_PL1X3_2X1 PGAE Bay Area 517.0 optimization optimization 0.0 7/13/2018 METEC_2_PL1X3_2X1_DB PGAE Bay Area 545.0 optimization optimization 0.0 7/13/2018 OAK C_7_UNIT 1 PGAE Bay Area 15.0 optimization optimization 0.0 7/13/2018 PALOMR_2_PL1X3_2X1_DF SDGE Diego-IV 7.5 optimization optimization 0.0 7/13/2018 PARDEB_6_UNITS PGAE System <td>7/13/2010</td> <td>LASTWD_I_UNIT</td> <td>JOL</td> <td>ventura</td> <td>200.0</td> <td><u> </u></td> <td>0.0</td>	7/13/2010	LASTWD_I_UNIT	JOL	ventura	200.0	<u> </u>	0.0
7/13/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization	7/13/2018	GLNARM 7 UNIT 3	PASA	LA Basin	25.0		0.0
7/13/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 5.7 optimization optimiza							
7/13/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 5.7 optimization market optimization 0.0 7/13/2018 HUMBPP_6_UNITS_6 PGAE Humboldt 13.6 optimization 0.0 7/13/2018 INLDEM_5_UNIT 1 SCE LA Basin 35.6 optimization 0.0 7/13/2018 METEC_2_PL1X3_2X1 PGAE Bay Area 517.0 optimization 0.0 7/13/2018 METEC_2_PL1X3_2X1_DB PGAE Bay Area 545.0 optimization 0.0 7/13/2018 OAK C_7_UNIT 1 PGAE Bay Area 15.0 optimization 0.0 7/13/2018 OAK C_7_UNIT 2 PGAE Bay Area 15.0 optimization 0.0 7/13/2018 PALOMR_2_PL1X3_2X1_DF SDGE Diego-IV 7.5 optimization 0.0 7/13/2018 PARDEB_6_UNITS PGAE System 1.0 optimization 0.0 7/13/2018 PNCHEG_2_PL1X4_4 PGAE System 1.5 optimization 0.0 <	7/13/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
7/13/2018 HUMBPP_6_UNITS_6 PGAE Humboldt 13.6 optimization optimiz							
7/13/2018 HUMBPP_6_UNITS_6 PGAE Humboldt 13.6 optimization market optimization 0.0 7/13/2018 INLDEM_5_UNIT 1 SCE LA Basin 35.6 optimization optimization 0.0 7/13/2018 METEC_2_PL1X3_2X1 PGAE Bay Area 517.0 optimization optimization 0.0 7/13/2018 METEC_2_PL1X3_2X1_DB PGAE Bay Area 545.0 optimization optimization 0.0 7/13/2018 OAK C_7_UNIT 1 PGAE Bay Area 15.0 optimization optimization 0.0 7/13/2018 OAK C_7_UNIT 2 PGAE Bay Area 15.0 optimization optimization 0.0 7/13/2018 PALOMR_2_PL1X3_2X1_DF SDGE Diego-IV 7.5 optimization 0.0 7/13/2018 PARDEB_6_UNITS PGAE System 1.0 optimization 0.0 7/13/2018 PNCHEG_2_PL1X4_4 PGAE System 8.5 optimization 0.0 7/13/2018 SANLOB_1_LNDFIL PGAE System 1.5 optim	7/13/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.7		0.0
7/13/2018 INLDEM_5_UNIT 1 SCE LA Basin 35.6 optimization optimization optimization 0.0 market optimization optimizatio		<u>-</u>		l			
7/13/2018 INLDEM_5_UNIT 1 SCE LA Basin 35.6 optimization market optimization op	7/13/2018	HUMBPP_6_UNITS_6	PGAE	Humboldt	13.6		0.0
7/13/2018 METEC_2_PL1X3_2X1 PGAE Bay Area 517.0 market optimization optimizatio	7/40/0040	INII DENA E LINIITA	COF	I A Dasin	25.0		0.0
7/13/2018 METEC_2_PL1X3_2X1 PGAE Bay Area 517.0 optimization market optimization 0.0 7/13/2018 METEC_2_PL1X3_2X1_DB PGAE Bay Area 545.0 optimization 0.0 7/13/2018 OAK C_7_UNIT 1 PGAE Bay Area 15.0 optimization 0.0 7/13/2018 OAK C_7_UNIT 2 PGAE Bay Area 15.0 optimization 0.0 7/13/2018 PALOMR_2_PL1X3_2X1_DF SDGE Diego-IV 7.5 optimization 0.0 7/13/2018 PARDEB_6_UNITS PGAE System 1.0 optimization 0.0 7/13/2018 PNCHEG_2_PL1X4_4 PGAE System 8.5 optimization 0.0 7/13/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 7/13/2018 SBERDO_2_PSP3_C2 SCE LA Basin 37.4 optimization 0.0 7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 7/	7/13/2016	INLUEM_5_UNIT I	SCE	LA basin	33.0	_	0.0
7/13/2018 METEC_2_PL1X3_2X1_DB PGAE Bay Area 545.0 optimization on market optimization on market optimization on optimization on market optimization on optimization optimization on optimization optimization on optimization opti	7/13/2018	METEC 2 PL1X3 2X1	PGAF	Bay Area	517.0		0.0
7/13/2018 METEC_2_PL1X3_2X1_DB PGAE Bay Area 545.0 optimization market 0.0 7/13/2018 OAK C_7_UNIT 1 PGAE Bay Area 15.0 optimization 0.0 7/13/2018 OAK C_7_UNIT 2 PGAE Bay Area 15.0 optimization 0.0 7/13/2018 PALOMR_2_PL1X3_2X1_DF SDGE Diego-IV 7.5 optimization 0.0 7/13/2018 PARDEB_6_UNITS PGAE System 1.0 optimization 0.0 7/13/2018 PNCHEG_2_PL1X4_4 PGAE System 8.5 optimization 0.0 7/13/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 7/13/2018 SBERDO_2_PSP3_C2 SCE LA Basin 37.4 optimization 0.0 7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0	7710/2010	WIETEO_Z_T ETXO_ZXT	1 O/ L	Day / trea	017.0	_	0.0
7/13/2018 OAK C_7_UNIT 1 PGAE Bay Area 15.0 optimization optimizat	7/13/2018	METEC 2 PL1X3 2X1 DB	PGAE	Bay Area	545.0		0.0
7/13/2018 OAK C_7_UNIT 2 PGAE Bay Area 15.0 optimization one market optimization one optimization one market optimization one optimizat						•	
7/13/2018 OAK C_7_UNIT 2 PGAE Bay Area 15.0 optimization 0.0 7/13/2018 PALOMR_2_PL1X3_2X1_DF SDGE Diego-IV 7.5 optimization 0.0 7/13/2018 PARDEB_6_UNITS PGAE System 1.0 optimization 0.0 7/13/2018 PNCHEG_2_PL1X4_4 PGAE System 8.5 optimization 0.0 7/13/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 7/13/2018 SBERDO_2_PSP3_C2 SCE LA Basin 37.4 optimization 0.0 7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0	7/13/2018	OAK C_7_UNIT 1	PGAE	Bay Area	15.0	optimization	0.0
7/13/2018 PALOMR_2_PL1X3_2X1_DF SDGE Diego-IV 7.5 optimization outside optimization 0.0 7/13/2018 PARDEB_6_UNITS PGAE System 1.0 optimization outside optimization 0.0 7/13/2018 PNCHEG_2_PL1X4_4 PGAE System 8.5 optimization outside optimization 0.0 7/13/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization outside optimization 0.0 7/13/2018 SBERDO_2_PSP3_C2 SCE LA Basin 37.4 optimization optimization 0.0 7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization optimization 0.0 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization optimization 0.0							
7/13/2018 PALOMR_2_PL1X3_2X1_DF SDGE Diego-IV 7.5 optimization 0.0 7/13/2018 PARDEB_6_UNITS PGAE System 1.0 optimization 0.0 7/13/2018 PNCHEG_2_PL1X4_4 PGAE System 8.5 optimization 0.0 7/13/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 7/13/2018 SBERDO_2_PSP3_C2 SCE LA Basin 37.4 optimization 0.0 7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0	7/13/2018	OAK C_7_UNIT 2	PGAE		15.0		0.0
7/13/2018 PARDEB_6_UNITS PGAE CAISO System 1.0 optimization optimization 0.0 optimization 7/13/2018 PNCHEG_2_PL1X4_4 PGAE System 8.5 optimization 0.0 optimization 7/13/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 optimization 7/13/2018 SBERDO_2_PSP3_C2 SCE LA Basin 37.4 optimization 0.0 optimization 7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 optimization 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0 optimization	7/40/0040	DALOMD O DIAVO OVA DE	CDOE		7.5		0.0
7/13/2018 PARDEB_6_UNITS PGAE System 1.0 optimization 0.0 7/13/2018 PNCHEG_2_PL1X4_4 PGAE System 8.5 optimization 0.0 7/13/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 7/13/2018 SBERDO_2_PSP3_C2 SCE LA Basin 37.4 optimization 0.0 7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0	7/13/2018	PALOMR_2_PL1X3_2X1_DF	SDGE		7.5		0.0
7/13/2018 PNCHEG_2_PL1X4_4 PGAE CAISO System 8.5 optimization 0.0 optimization 7/13/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 optimization 7/13/2018 SBERDO_2_PSP3_C2 SCE LA Basin 37.4 optimization 0.0 optimization 7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 optimization 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0 optimization	7/13/2018	PARDER 6 LINITS	PGAE		1.0		0.0
7/13/2018 PNCHEG_2_PL1X4_4 PGAE System 8.5 optimization 0.0 7/13/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 7/13/2018 SBERDO_2_PSP3_C2 SCE LA Basin 37.4 optimization 0.0 7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0 market narket 0.0 market 0.0 0.0	7/13/2010	TARBEB_0_0NTS	TOAL		1.0		0.0
7/13/2018 SANLOB_1_LNDFIL PGAE CAISO System market optimization 0.0 7/13/2018 SBERDO_2_PSP3_C2 SCE LA Basin 37.4 optimization optimization 0.0 7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization optimization 0.0 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization optimization 0.0 market market 0.0 0.0	7/13/2018	PNCHEG 2 PL1X4 4	PGAE		8.5		0.0
7/13/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 7/13/2018 SBERDO_2_PSP3_C2 SCE LA Basin 37.4 optimization 0.0 7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0 market market market 0.0 0.0 0.0					0.10	-	
7/13/2018 SBERDO_2_PSP3_C2 SCE LA Basin 37.4 optimization 0.0 market 7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 market 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0 market market market 0.0 market 0.0 market	7/13/2018	SANLOB_1_LNDFIL	PGAE		1.5	optimization	0.0
7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0 market optimization 0.0 market optimization 0.0 market							
7/13/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 0.0 7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0 market market market	7/13/2018	SBERDO_2_PSP3_C2	SCE	LA Basin	37.4		0.0
7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 market optimization 0.0 market	7/40/00:5	VALIDA OT COLUMNITY	DC 4 =	0.	47.0		
7/14/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0 market market <t< td=""><td>7/13/2018</td><td>YUBACI_6_UNITA1</td><td>PGAE</td><td>Sierra</td><td>47.6</td><td><u> </u></td><td>0.0</td></t<>	7/13/2018	YUBACI_6_UNITA1	PGAE	Sierra	47.6	<u> </u>	0.0
market	7/14/2019	ANZA 6 SOLAB1	SDCE		1.0		0.0
	1/14/2018	ANZA_U_SULAR I	SDGE		1.0		0.0
	7/14/2018	BARRE_6_PEAKER	SCE	LA Basin	46.9	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
7/4.4/004.0	DOOLIE 4 LINUTA4	DOAE	0:	47.0	market	0.0
7/14/2018	BOGUE_1_UNITA1	PGAE	Sierra San	47.6	optimization market	0.0
7/14/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	11.3	optimization	0.0
1711/2010	01111121 <u>-</u> 0021112	0002	Diogo IV		market	0.0
7/14/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
			CAISO		market	
7/14/2018	PNCHEG_2_PL1X4_4	PGAE	System	19.5	optimization	0.0
7/4.4/204.0	VIIDACT C LINITAA	DOAE	Ciarra	47.0	market	0.0
7/14/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization market	0.0
7/14/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	27.6
7711/2010	105/(01_0_0/(11//(1	1 O/L	Olona	17.0	market	27.0
7/15/2018	ANAHM_2_CANYN2	ANHM	LA Basin	8.7	optimization	0.0
					market	
7/15/2018	ANAHM_2_CANYN4	ANHM	LA Basin	26.3	optimization	0.0
7/45/0040	ANIZA C COLADA	CDOF		0.7	market	0.0
7/15/2018	ANZA_6_SOLAR1	SDGE		3.7	optimization market	0.0
7/15/2018	BARRE_6_PEAKER	SCE	LA Basin	46.9	optimization	0.0
1710/2010	<i>D,</i>	002	27 (Baoiii	10.0	market	0.0
7/15/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.0	optimization	0.0
					market	
7/15/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.0	optimization	27.6
7/15/2018	CNITNI A 2 SOLAD2	SDGE	San Diogo IV	5.0	market	0.0
7/13/2016	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization market	0.0
7/15/2018	CUYAMS_6_CUYSR1	PGAE	System	21.0	optimization	0.0
					market	
7/15/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
=/4=/0040		5015			market	
7/15/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	optimization	0.0
7/15/2018	HUMBPP 6 UNITS 5	PGAE	Humboldt	12.7	market optimization	0.0
7713/2010		TOAL	Tidilibolat	12.7	market	0.0
7/15/2018	SBERDO_2_PSP3_C2	SCE	LA Basin	63.0	optimization	0.0
					market	
7/15/2018	SBERDO_2_PSP4_C2	SCE	LA Basin	19.0	optimization	0.0
7/45/2040	CLUICD A LINITO	CMDD	CAISO	00.0	market	0.0
7/15/2018	SLUISP_2_UNITS	CWRP	System	96.0	optimization market	0.0
7/15/2018	WALCRK_2_CTG2	SCE	LA Basin	0.4	optimization	0.0
1,10,2010				<u> </u>	market	0.0
7/15/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
					market	
7/15/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
7/15/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	market optimization	0.0
1/15/2016	TODACT_O_UNITAT	FUAL	Sierra	47.0	market	0.0
7/16/2018	ANZA_6_SOLAR1	SDGE		2.9	optimization	0.0
					market	
7/16/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Daio	110000100		Area	RA	11000011	award
				MW		
7/40/0040	DOOLIE 4 LINUTA4	DO 4 E	0.	47.0	market	07.0
7/16/2018	BOGUE_1_UNITA1	PGAE	Sierra San	47.0	optimization market	27.6
7/16/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	27.4	optimization	0.0
7/10/2010	ONTINEA_2_OOLANZ	ODOL	CAISO	21.4	market	0.0
7/16/2018	CORRAL_6_SJOAQN	PGAE	System	1.1	optimization	0.0
					market	
7/16/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
7/40/0040	0010174 0 00140	DO 4 E	0.	0.4	market	0.0
7/16/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
7/16/2018	MRGT_6_MEF2	SDGE	San Diego-IV	3.9	market optimization	0.0
7/10/2018	WINGT_0_WET2	SDGL	Diego-iv	3.9	market	0.0
7/16/2018	OLDRIV_6_LKVBM1	PGAE	Kern	0.9	optimization	0.0
			CAISO		market	
7/16/2018	SANLOB_1_LNDFIL	PGAE	System	1.5	optimization	0.0
			CAISO		market	
7/16/2018	SLUISP_2_UNITS	CWRP	System	124.0	optimization	0.0
7/16/2018	VERNON 6 GONZL1	VERN	LA Basin	0.7	market optimization	0.0
7/10/2010	VERNICIN_0_CONZET	VLIXIN	LA Dasiii	0.7	market	0.0
7/16/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
					market	
7/16/2018	WALNUT_6_HILLGEN	SCE	LA Basin	0.0	optimization	0.0
7/40/0040	NUIDA OT O LINUTA 4	DO 4 E	0.	47.0	market	0.0
7/16/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization market	0.0
7/17/2018	ANZA_6_SOLAR1	SDGE		1.8	optimization	0.0
7/17/2010	7114271_0_00271111	ODOL		1.0	market	0.0
7/17/2018	BARRE_6_PEAKER	SCE	LA Basin	0.1	optimization	0.0
					market	
7/17/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	optimization	0.0
7/47/2040	CNITNII A 2 COLAD2	CDCE	San	04.4	market	0.0
7/17/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV San	24.4	optimization market	0.0
7/17/2018	ELCAJN 6 LM6K	SDGE	Diego-IV	2.7	optimization	0.0
1,11,2010			San		market	0.0
7/17/2018	ESCNDO_6_PL1X2	SDGE	Diego-IV	2.3	optimization	0.0
					market	
7/17/2018	GEYS11_7_UNIT11	PGAE	NCNB	2.0	optimization	0.0
7/17/2018	GLNARM 7 UNIT 3	PASA	LA Basin	15.4	market optimization	0.0
7/17/2010	GLIVARINI_7_UNIT 3	FASA	LA Dasili	13.4	market	0.0
7/17/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
			CAISO		market	
7/17/2018	NHOGAN_6_UNITS	PGAE	System	2.0	optimization	0.0
7/47/0040	DVOIDE O DEDOUG	D) (OD	LAD		market	2.2
7/17/2018	RVSIDE_2_RERCU3	RVSD	LA Basin CAISO	0.5	optimization market	0.0
7/17/2018	SLUISP_2_UNITS	CWRP	System	93.0	optimization	0.0
.,,2010	020.02_00	3,,,,,,	0,00011	30.0	market	3.0
7/17/2018	TRNQLT_2_SOLAR	PGAE	Fresno	102.6	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA MW		award
				10100	market	
7/17/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	0.0
					market	
7/18/2018	ANZA_6_SOLAR1	SDGE		1.4	optimization	0.0
					market	
7/18/2018	BOGUE_1_UNITA1	PGAE	Sierra	21.1	optimization	0.0
			San		market	
7/18/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	19.5	optimization	0.0
			San		market	
7/18/2018	ENCINA_7_EA3	SDGE	Diego-IV	38.0	optimization	0.0
			San		market	
7/18/2018	ENCINA_7_EA4_D1	SDGE	Diego-IV	19.4	optimization	0.0
			San		market	
7/18/2018	ESCNDO_6_PL1X2	SDGE	Diego-IV	2.5	optimization	0.0
7/40/0040	05)(044 7 11)(1744	DOAE	NOND	0.0	market	0.0
7/18/2018	GEYS11_7_UNIT11	PGAE	NCNB	2.0	optimization	0.0
7/40/0040	CLAIADAA Z LIAUT O	DAGA	I A Dania	00.0	market	0.0
7/18/2018	GLNARM_7_UNIT 3	PASA	LA Basin	20.0	optimization	0.0
7/18/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
1/10/2016	GRIDLI_0_SOLAR	FGAL	Sierra	0.1	market	0.0
7/18/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	495.5	optimization	0.0
7/10/2010	WETEO_Z_TETX3_ZXT	TOAL	San	433.3	market	0.0
7/18/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	2.2	optimization	0.0
7,10,2010	1.10.10_2_0.01	- 0202	San		market	0.0
7/18/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	5.2	optimization	0.0
			San		market	
7/18/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	3.0	optimization	0.0
			CAISO		market	
7/18/2018	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
					market	
7/18/2018	VERNON_6_GONZL1	VERN	LA Basin	0.7	optimization	0.0
					market	
7/18/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	0.0
					market	
7/19/2018	ANZA_6_SOLAR1	SDGE		2.6	optimization	0.0
7/40/0040	DOOLIE 4 LINUTA4	DOAE	0:	47.0	market	0.0
7/19/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	optimization	0.0
7/19/2018	BOCHE 4 LINITAA	PGAE	Sierra	47.6	market optimization	27.6
7/19/2016	BOGUE_1_UNITA1	PGAE	San	47.0	market	27.0
7/19/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	30.9	optimization	0.0
7/13/2010	ONTINEA_2_GOLARZ	JOOL	Diego-iv	30.3	market	0.0
7/19/2018	GARNET_2_HYDRO	SCE	LA Basin	0.4	optimization	0.0
7,10,2010	0, <u></u>	- 552	27 (20011)	<u> </u>	market	0.0
7/19/2018	GEYS11_7_UNIT11	PGAE	NCNB	2.0	optimization	0.0
3, 3, 3					market	
7/19/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
7/19/2018	LODI25_2_UNIT 1	NCPA	Stockton	23.0	optimization	0.0
					market	
7/19/2018	OAK C_7_UNIT 1	PGAE	Bay Area	15.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
7/40/0040	DIODIO O OTO4	0005	San	0.0	market	0.0
7/19/2018	PIOPIC_2_CTG1	SDGE	Diego-IV CAISO	0.2	optimization	0.0
7/19/2018	PNCHEG_2_PL1X4_4	PGAE	System	19.5	market optimization	0.0
7/19/2016	PNCHEG_Z_PL1X4_4	PGAE	System	19.5	market	0.0
7/19/2018	REDOND_7_UNIT 8_C2	SCE	LA Basin	133.1	optimization	0.0
771072010	11250115_1_01111 0_02	002	Big	100.1	optimization	0.0
			Creek-		market	
7/19/2018	SYCAMR_2_UNIT 2	SCE	Ventura	4.4	optimization	0.0
					market	
7/19/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	0.0
7/00/0040	4174 0 001 454	0005		0.0	market	0.0
7/20/2018	ANZA_6_SOLAR1	SDGE		2.6	optimization	0.0
7/20/2018	BARRE 6 PEAKER	SCE	LA Basin	0.1	market optimization	0.0
1/20/2010	DAIRINE_O_F LAIRLIN	JOL	LA Dasili	0.1	market	0.0
7/20/2018	BOGUE 1 UNITA1	PGAE	Sierra	47.6	optimization	0.0
172072010	2002_1_01411741		Ciona		market	0.0
7/20/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	optimization	27.6
			San		market	
7/20/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	30.4	optimization	0.0
			San		market	
7/20/2018	ENCINA_7_EA5_D1	SDGE	Diego-IV	57.0	optimization	0.0
7/20/2010	OEVO44 7 LINIT44	DOAE	NCNB	2.0	market	0.0
7/20/2018	GEYS11_7_UNIT11	PGAE	NCNB	2.0	optimization market	0.0
7/20/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
772072010	GRIDET_0_GGEAR	1 OAL	CAISO	0.1	market	0.0
7/20/2018	HATCR2_7_UNIT	PGAE	System	1.2	optimization	0.0
					market	
7/20/2018	HIGGNS_1_COMBIE	PGAE	Sierra	0.4	optimization	0.0
					market	
7/20/2018	HIGGNS_7_QFUNTS	PGAE	Sierra	0.2	optimization	0.0
7/00/0040	LUIMBER 4 LINUTOS S	DO 4 F	11	4.5	market	0.0
7/20/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
7/20/2018	HUMBPP 6 UNITS 3	PGAE	Humboldt	6.8	market optimization	0.0
772072010	110WB11_0_014110_0	1 OAL	CAISO	0.0	market	0.0
7/20/2018	NAVYII 2 UNITS	SCE	System	16.7	optimization	0.0
			San		market	0.10
7/20/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	0.7	optimization	0.0
			San		market	
7/20/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	4.3	optimization	0.0
7/00/0040	DIODIO O OTOS	0505	San	_ ,	market	
7/20/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	2.1	optimization	0.0
7/20/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
1/20/2010	WALCKK_Z_CIGI	JUE	LA Dasiii	0.4	market	0.0
7/20/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
.,_0,_010			22401	0.0	market	0.0
7/20/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	ressares		Area	RA	11000011	award
				MW		
			1		market	
7/20/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
7/20/2019	VIIBACT 6 LINITA1	PGAE	Sierra	47.6	market optimization	0.0
7/20/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	market	0.0
7/20/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	27.6
172072010	102/101_0_0111111	. 0, 12	Gioria		market	27.10
7/21/2018	ANZA_6_SOLAR1	SDGE		2.5	optimization	0.0
					market	
7/21/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	optimization	0.0
7/04/0040	DOOLIE 4 LINUTA4	DO 4 E	0.	00.0	market	07.0
7/21/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	optimization	27.6
7/21/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	28.2	market optimization	0.0
7/21/2010	ONTIVEA_2_COLARZ	ODOL	San	20.2	market	0.0
7/21/2018	ESCNDO 6 PL1X2	SDGE	Diego-IV	2.6	optimization	0.0
			- 3 -		market	
7/21/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
					market	
7/21/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
7/04/0040	LILIMDDD 4 LINITO2 4	DCAE	L luna la a lalt	0.4	market	0.0
7/21/2018	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	optimization market	0.0
7/21/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
7/21/2010	110MB11_0_014110_0	TONE	Trambolat	0.0	market	0.0
7/21/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	11.5	optimization	0.0
					market	
7/21/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	518.0	optimization	0.0
					market	
7/21/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	545.1	optimization	0.0
7/21/2018	PNCHEG_2_PL1X4_4	PGAE	CAISO System	11.0	market optimization	0.0
7/21/2010	FNCHEG_Z_FEIX4_4	FUAL	System	11.0	market	0.0
7/21/2018	TRNQLT 2 SOLAR	PGAE	Fresno	74.1	optimization	0.0
					market	
7/21/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	0.0
					market	
7/21/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	27.6
7/22/2019	ANZA 6 SOLADA	SDGE		2.7	market	0.0
7/22/2018	ANZA_6_SOLAR1	SDGE		2.7	optimization market	0.0
7/22/2018	BOGUE_1_UNITA1	PGAE	Sierra	42.9	optimization	0.0
,,,,,		. 5, (San	.2.0	market	0.0
7/22/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	29.8	optimization	0.0
			CAISO		market	
7/22/2018	GONZLS_6_UNIT	PGAE	System	0.2	optimization	0.0
7/00/0040	CDIDLY C COLAD	DO 4 F	C:	0.4	market	0.0
7/22/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
7/22/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
112212010	1.0MB1 1 _0_014110_0	IOAL	Tarribolat	0.0	market	0.0
7/22/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	524.0	optimization	0.0
7/22/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	524.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource	000	Area	RA	rteason	award
				MW		
					market	
7/22/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	545.1	optimization	0.0
7/22/2018	PNCHEG_2_PL1X4_4	PGAE	CAISO	20.0	market optimization	0.0
1/22/2010	PNCHEG_2_PL1X4_4	PGAE	System	20.0	market	0.0
7/22/2018	TRNQLT_2_SOLAR	PGAE	Fresno	76.0	optimization	0.0
					market	
7/22/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	0.0
					market	
7/22/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	9.9
7/23/2018	ANZA_6_SOLAR1	SDGE		2.3	market optimization	0.0
1/23/2016	ANZA_0_SOLAR I	SDGE		2.3	market	0.0
7/23/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	optimization	0.0
			San		market	
7/23/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			San		market	
7/23/2018	ENCINA_7_GT1	SDGE	Diego-IV	11.2	optimization	0.0
7/23/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
1/23/2010	GRIDET_0_SOLAR	FUAL	Sierra	0.1	market	0.0
7/23/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	optimization	0.0
					market	
7/23/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	549.0	optimization	0.0
7/00/0040	OLDDIV C. LICVDIAA	DOAE	160.00	0.0	market	0.0
7/23/2018	OLDRIV_6_LKVBM1	PGAE	Kern CAISO	0.9	optimization market	0.0
7/23/2018	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
1,20,2010	11101120_2_1 217(1_1	. 0, 12	Cyclom	20.0	market	0.0
7/23/2018	REDOND_7_UNIT 7_C2	SCE	LA Basin	126.3	optimization	0.0
					market	
7/23/2018	REDOND_7_UNIT 8_C2	SCE	LA Basin	24.1	optimization	0.0
7/23/2018	SBERDO 2 PSP3 C2	SCE	LA Basin	63.0	market optimization	0.0
1/23/2010	SBERDO_Z_F3F3_CZ	SCE	LA Dasili	63.0	market	0.0
7/23/2018	SBERDO 2 PSP4 C2	SCE	LA Basin	19.0	optimization	0.0
					market	
7/23/2018	TRNQLT_2_SOLAR	PGAE	Fresno	90.7	optimization	0.0
7/00/0040	NUIDAGE GUNUEAA	DO 4 E	0.	00.0	market	0.0
7/23/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization market	0.0
7/24/2018	ANZA_6_SOLAR1	SDGE		2.3	optimization	0.0
1/24/2010	71127_0_0027111	ODOL		2.0	market	0.0
7/24/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	optimization	0.0
			CAISO		market	
7/24/2018	CLRKRD_6_LIMESD	PGAE	System	0.5	optimization	0.0
7/04/0040	CNITNII A 2 SOLADO	CDCE	San	F 0	market	0.0
7/24/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV San	5.0	optimization market	0.0
7/24/2018	ENCINA_7_EA4_D1	SDGE	Diego-IV	28.0	optimization	0.0
			San		market	
7/24/2018	ENCINA_7_EA5_D1	SDGE	Diego-IV	57.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
24.0	1.000 0.00		Area	RA	. 1000011	award
				MW		
-/0.4/0.04.0		0005	San		market	
7/24/2018	ESCNDO_6_PL1X2	SDGE	Diego-IV	0.1	optimization	0.0
7/24/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	market optimization	0.0
1/24/2010	GLINARIM_/_UINIT 3	PASA	LA DaSIII	13.4	market	0.0
7/24/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
.,_,,_0			0.0	0	market	0.0
7/24/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
7/24/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
7/04/0040	LILIMADDO C LINITO O	DCAE	المام طمعينا	0.0	market	0.0
7/24/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization market	0.0
7/24/2018	HUMBPP 6 UNITS 4	PGAE	Humboldt	9.1	optimization	0.0
1,2 1,2010		1 0/12	riambolat	0.1	market	0.0
7/24/2018	LODI25_2_UNIT 1	NCPA	Stockton	23.0	optimization	0.0
					market	
7/24/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	560.0	optimization	0.0
7/04/0040	NOVATO O INDEI	DOAE	NIONE	0.5	market	0.0
7/24/2018	NOVATO_6_LNDFL	PGAE	NCNB San	0.5	optimization	0.0
7/24/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV	21.3	market optimization	0.0
1/24/2010	TALOWIN_Z_TETAS_ZAT_DI	SDGL	CAISO	21.5	market	0.0
7/24/2018	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
			,		market	
7/24/2018	REDOND_7_UNIT 6	SCE	LA Basin	1.1	optimization	0.0
					market	
7/24/2018	REDOND_7_UNIT 7_C2	SCE	LA Basin	103.6	optimization	0.0
7/24/2018	REDOND 7 UNIT 8 C2	SCE	LA Basin	133.1	market optimization	133.1
1/24/2010	REDOND_I_ONIT 8_C2	JUL	LA Dasiii	133.1	market	133.1
7/24/2018	SBERDO_2_PSP3_C2	SCE	LA Basin	61.0	optimization	0.0
					market	
7/24/2018	SBERDO_2_PSP4_C2	SCE	LA Basin	17.0	optimization	0.0
			CAISO		market	
7/24/2018	SLUISP_2_UNITS	CWRP	System	58.0	optimization	0.0
7/24/2018	VERNON 6 GONZL1	VERN	LA Basin	0.7	market optimization	0.0
1/24/2010	VERNON_0_GGNZET	VLIXIN	CAISO	0.7	market	0.0
7/24/2018	VOLTA_6_DIGHYD	PGAE	System	0.1	optimization	0.0
					market	
7/24/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	0.0
					market	
7/25/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
7/25/2019	BOGLE 1 LINUTA1	PGAE	Sierra	47.6	market optimization	0.0
7/25/2018	BOGUE_1_UNITA1	FGAE	San	47.0	market	0.0
7/25/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
				5.0	market	
7/25/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
					market	
7/25/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0

Date	Resource	UDC	Local	Non RA	Reason	RUC
			Area	MW		award
					market	
7/25/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
7/05/0040	LILIMPDD 4 LINITO2 2	DCAE	L Iv van bool ald	0.0	market	0.0
7/25/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.0	optimization market	0.0
7/25/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	optimization	0.0
172072010					market	0.0
7/25/2018	LODI25_2_UNIT 1	NCPA	Stockton	23.0	optimization	0.0
					market	
7/25/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	545.1	optimization	0.0
7/05/0010	DALOMB 2 DLAV2 4V4	SDGE	San Diago IV	22.0	market	0.0
7/25/2018	PALOMR_2_PL1X3_1X1	SDGE	Diego-IV San	22.8	optimization market	0.0
7/25/2018	PALOMR_2_PL1X3_2X1	SDGE	Diego-IV	98.0	optimization	0.0
.,,		1	CAISO	00.0	market	
7/25/2018	PNCHEG_2_PL1X4_4	PGAE	System	11.0	optimization	0.0
					market	
7/25/2018	REDOND_7_UNIT 8_C2	SCE	LA Basin	133.1	optimization	0.0
7/25/2018	DEDOND 7 UNIT 8 C2	SCE	LA Basin	5.0	market	0.0
1/25/2016	REDOND_7_UNIT 8_C3	SCE	LA basin	5.0	optimization market	0.0
7/25/2018	SBERDO_2_PSP3_C2	SCE	LA Basin	62.9	optimization	0.0
.,,		1			market	
7/25/2018	SBERDO_2_PSP4_C2	SCE	LA Basin	18.4	optimization	0.0
	0	0.4/55	CAISO		market	
7/25/2018	SLUISP_2_UNITS	CWRP	System	60.0	optimization	0.0
7/25/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
7/23/2010	TOBACT_O_CIVITAT	TOAL	Olerra	20.0	market	0.0
7/26/2018	ANAHM_2_CANYN2	ANHM	LA Basin	8.7	optimization	0.0
					market	
7/26/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
7/00/0040	DOOLIE 4 LINUTA4	DOAF	0:	47.0	market	0.0
7/26/2018	BOGUE_1_UNITA1	PGAE	Sierra San	47.6	optimization market	0.0
7/26/2018	CNTNLA 2 SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
1,20,2010	01111121 (002) II (_	0000	Diogo IV	0.0	market	0.0
7/26/2018	COCOPP_2_CTG1	PGAE	Bay Area	0.8	optimization	0.0
			CAISO		market	
7/26/2018	CORRAL_6_SJOAQN	PGAE	System	1.1	optimization	0.0
7/26/2018	GLNARM 7 UNIT 3	PASA	LA Basin	15.4	market optimization	0.0
1/20/2018	GLNARIVI_7_UNIT 3	FASA	LA Dasiii	15.4	market	0.0
7/26/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
	= =				market	
7/26/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	3.0	optimization	0.0
7/00/00/0	LILINADDD O LINUTO O	D0 4 =	11 1 10		market	2.2
7/26/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
7/26/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	3.0	market optimization	0.0
1,20,2010		. 0, (ambolut	0.0	market	0.0
7/26/2018	LODI25_2_UNIT 1	NCPA	Stockton	23.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
					market	
7/26/2018	MALAGA_1_PL1X2_2X	PGAE	Fresno	2.0	optimization	0.0
=/00/00/0		0005	San	40.0	market	
7/26/2018	PALOMR_2_PL1X3_1X1	SDGE	Diego-IV	40.3	optimization	0.0
7/00/0040	DIODIC O OTOO	0005	San	0.0	market	0.0
7/26/2018	PIOPIC_2_CTG2	SDGE	Diego-IV CAISO	2.9	optimization market	0.0
7/26/2018	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
1/20/2010		TOAL	Oystem	20.0	market	0.0
7/26/2018	REDOND_7_UNIT 8_C2	SCE	LA Basin	63.1	optimization	0.0
172072010	1120110_1_01111 0_02	002	2, (20011		market	0.0
7/26/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	0.5	optimization	0.0
					market	
7/26/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	optimization	0.0
			Big			
			Creek-		market	
7/26/2018	SNCLRA_2_HOWLNG	SCE	Ventura	4.2	optimization	0.0
7/00/0040	MANDAAA C O LINUT A	DOAE	D A	40.7	market	0.0
7/26/2018	WNDMAS_2_UNIT 1	PGAE	Bay Area	13.7	optimization	0.0
7/26/2018	YUBACT 6 UNITA1	PGAE	Sierra	20.0	market optimization	0.0
1/20/2010	TOBACT_0_UNITAT	FUAL	Sierra	20.0	market	0.0
7/27/2018	ANZA_6_SOLAR1	SDGE		1.7	optimization	0.0
172172010	7111271_0_0027111	ODOL		1.7	market	0.0
7/27/2018	BARRE 6 PEAKER	SCE	LA Basin	0.1	optimization	0.0
					market	
7/27/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	optimization	0.0
			San		market	
7/27/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
7/07/0040	CONTRI 4 OVROVA	005	CAISO		market	0.0
7/27/2018	CONTRL_1_OXBOW	SCE	System San	5.5	optimization	0.0
7/27/2018	ENCINA 7 EA5 D1	SDGE	Diego-IV	57.0	market optimization	0.0
1/21/2010	LINGINA_7_EAS_BT	SDGL	Diego-iv	37.0	market	0.0
7/27/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
172172010					market	0.0
7/27/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
7/27/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	3.0	optimization	0.0
,,					market	
7/27/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
7/07/0040	LILIMADDD C LINITE 4	DOAE	Humboldt		market	0.0
7/27/2018	HUMBPP_6_UNITS_4	PGAE	Humbolat	5.4	optimization	0.0
7/27/2018	KIRKER_7_KELCYN	PGAE	Bay Area	3.0	market optimization	0.0
1/21/2010	TANKER_/_INCLOTIN	1 OAL	Day Alba	0.0	market	0.0
7/27/2018	LODI25_2_UNIT 1	NCPA	Stockton	23.0	optimization	0.0
,_010		1.5.7.	2.30011		market	3.0
7/27/2018	MALAGA_1_PL1X2_2X	PGAE	Fresno	2.0	optimization	0.0
			San		market	
7/27/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV	19.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW	market	
7/27/2018	PGEB 2 PDRP20	PGAE		0.1	optimization	0.0
1/21/2010	1 OLD_Z_1 DIXI Z0	TOAL		0.1	market	0.0
7/27/2018	PGNB 2 PDRP11	PGAE		0.0	optimization	0.0
172172010	1 3113_2_1 3111 11	. 0,	CAISO	0.0	market	0.0
7/27/2018	PNCHEG 2 PL1X4 4	PGAE	System	19.5	optimization	0.0
			-		market	
7/27/2018	REDOND_7_UNIT 8_C2	SCE	LA Basin	13.1	optimization	0.0
					market	
7/27/2018	UNOCAL_1_UNITS	PGAE	Bay Area	0.1	optimization	0.0
7/07/0040	VALENCE OF A LINUTAR	DO 4 E	0:	00.0	market	0.0
7/27/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
7/28/2018	ANAHM_2_CANYN2	ANHM	LA Basin	8.7	market optimization	0.0
1/20/2010	ANAI IIVI_2_CANTINZ	AINITIVI	LA Dasiii	0.7	market	0.0
7/28/2018	ANZA_6_SOLAR1	SDGE		1.4	optimization	0.0
172072010	711121 (_0_002) 1111	0002			market	0.0
7/28/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	optimization	0.0
			San		market	
7/28/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
					market	
7/28/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
- /20/2010		5045			market	
7/28/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
7/28/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	3.0	market optimization	0.0
1/20/2010	110MBFF_1_0N1133_3	FGAL	Humbolat	3.0	market	0.0
7/28/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	optimization	0.0
172072010	11011151 1 <u>_0_</u> 011110 <u>_</u> _	. 0,	riambolat	1.0	market	0.0
7/28/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	3.0	optimization	0.0
					market	
7/28/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	1.0	optimization	0.0
					market	
7/28/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	534.0	optimization	0.0
7/28/2018	METEC 2 DIAVA 2VA DD	DCAE	Day Area	E4E 0	market optimization	0.0
1/20/2010	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	545.0	market	8.0
7/28/2018	OLDRIV 6 LKVBM1	PGAE	Kern	0.9	optimization	0.0
1720/2010	<u> </u>	1 0/12	CAISO	0.0	market	0.0
7/28/2018	PEABDY_2_LNDFL1	PGAE	System	0.2	optimization	0.0
			CAISO		market	
7/28/2018	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
					market	
7/28/2018	POTTER_6_UNITS	PGAE	NCNB	2.0	optimization	0.0
7/00/0040	TDNOLT 2 COLAD	DC 4 F		1011	market	0.0
7/28/2018	TRNQLT_2_SOLAR	PGAE	Fresno	104.1	optimization	0.0
7/28/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
1/20/2010	TODACT_U_UNITAT	IOAL	Jiena	20.0	market	0.0
7/28/2018	YUBACT 6 UNITA1	PGAE	Sierra	20.0	optimization	9.3
					market	
7/29/2018	ANAHM_2_CANYN2	ANHM	LA Basin	8.7	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
24.0			Area	RA		award
				MW		
7/20/2019	ANZA 6 SOLAD1	SDGE		1.3	market	0.0
7/29/2018	ANZA_6_SOLAR1	SDGE	San	1.3	optimization market	0.0
7/29/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
.,,			San		market	
7/29/2018	ELCAJN_6_LM6K	SDGE	Diego-IV	0.3	optimization	0.0
			San		market	
7/29/2018	ESCNDO_6_PL1X2	SDGE	Diego-IV	2.6	optimization	0.0
7/29/2018	GEYS11_7_UNIT11	PGAE	NCNB	3.0	market optimization	0.0
1/29/2016	GETSTI_T_UNITT	FGAL	INCIND	3.0	market	0.0
7/29/2018	GLNARM 7 UNIT 3	PASA	LA Basin	25.0	optimization	0.0
					market	
7/29/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
7/29/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
7/29/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.0	market optimization	0.0
1/29/2016	110MBFF_1_0N1133_3	FGAL	Humbolut	0.0	market	0.0
7/29/2018	HUMBPP 6 UNITS 2	PGAE	Humboldt	4.0	optimization	0.0
					market	
7/29/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
7/00/0040		DO 4 E		4.0	market	0.0
7/29/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	4.0	optimization	0.0
7/29/2018	LODI25_2_UNIT 1	NCPA	Stockton	23.0	market optimization	0.0
7/25/2010	LODIZO_Z_ONIT T	INOLA	Otockton	20.0	market	0.0
7/29/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	535.0	optimization	0.0
					market	
7/29/2018	OLDRIV_6_LKVBM1	PGAE	Kern	0.9	optimization	0.0
7/00/0040	DALOMD 2 DIAV2 2V4	CDCE	San	400.5	market	0.0
7/29/2018	PALOMR_2_PL1X3_2X1	SDGE	Diego-IV San	133.5	optimization market	0.0
7/29/2018	PIOPIC 2 CTG2	SDGE	Diego-IV	0.4	optimization	0.0
1,20,2010	110110010_	0002	CAISO	0	market	0.0
7/29/2018	PNCHEG_2_PL1X4_4	PGAE	System	15.5	optimization	0.0
			_		market	
7/29/2018	TRNQLT_2_SOLAR	PGAE	Fresno	69.1	optimization	0.0
7/29/2018	UKIAH_7_LAKEMN	NCPA	NCNB	1.6	market optimization	0.0
1/29/2010	ORIAII_/_EARLIVIN	NOFA	INCIND	1.0	market	0.0
7/29/2018	VERNON 6 GONZL1	VERN	LA Basin	0.7	optimization	0.0
					market	
7/29/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	0.0
7/00/0040	ANZA 0 001 454	0005		4.0	market	2.2
7/30/2018	ANZA_6_SOLAR1	SDGE		1.2	optimization	0.0
7/30/2018	BARRE_6_PEAKER	SCE	LA Basin	0.1	market optimization	0.0
1700/2010	DIMINE_O_I EMNEN	302	LACDUSIII	0.1	market	0.0
7/30/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	optimization	0.0
					market	
7/30/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	optimization	27.6

Date	Resource	UDC	Local	Non	Reason	RUC
Dato	recodice		Area	RA	rtodoon	award
				MW		
			San		market	
7/30/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
7/20/2040	ENGINA 7 EAG	SDGE	San	44.0	market	0.0
7/30/2018	ENCINA_7_EA3	SDGE	Diego-IV San	11.2	optimization market	0.0
7/30/2018	ENCINA_7_EA4_D1	SDGE	Diego-IV	26.8	optimization	0.0
1,00,2010			San		market	0.0
7/30/2018	ENCINA_7_EA5_D1	SDGE	Diego-IV	57.0	optimization	0.0
			San		market	
7/30/2018	ESCNDO_6_PL1X2	SDGE	Diego-IV	0.4	optimization	0.0
7/20/2019	CDIDLY 6 SOLAD	PGAE	Ciorro	0.4	market	0.0
7/30/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization market	0.0
7/30/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
1,00,2010					market	0.0
7/30/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
7/30/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
7/30/2018	LILIMBDD & LINITS 2	PGAE	Humboldt	6.0	market optimization	0.0
7/30/2016	HUMBPP_6_UNITS_3	PGAE	Humbolat	6.8	market	0.0
7/30/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	11.5	optimization	0.0
1,00,2010					market	0.0
7/30/2018	HUMBPP_6_UNITS_5	PGAE	Humboldt	12.7	optimization	0.0
					market	
7/30/2018	HUMBPP_6_UNITS_6	PGAE	Humboldt	13.6	optimization	0.0
7/30/2018	KILARC_2_UNIT 1	PGAE	CAISO System	1.5	market optimization	0.0
1/30/2016	KILAKC_2_UNIT T	FGAL	System	1.5	market	0.0
7/30/2018	LODI25_2_UNIT 1	NCPA	Stockton	23.0	optimization	0.0
					market	
7/30/2018	OXMTN_6_LNDFIL	PGAE	Bay Area	0.1	optimization	0.0
7/00/0040	DIODIO O OTOS	0005	San		market	0.0
7/30/2018	PIOPIC_2_CTG2	SDGE	Diego-IV CAISO	0.3	optimization market	0.0
7/30/2018	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
7700/2010		1 O/L	Cystem	20.0	market	0.0
7/30/2018	UKIAH_7_LAKEMN	NCPA	NCNB	1.0	optimization	0.0
					market	
7/30/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	0.0
7/24/2019	ANZA 6 801 AD4	CDCE		4.0	market	0.0
7/31/2018	ANZA_6_SOLAR1	SDGE		4.0	optimization market	0.0
7/31/2018	BARRE 6 PEAKER	SCE	LA Basin	0.1	optimization	0.0
	=		CAISO		market	
7/31/2018	BLCKBT_2_STONEY	NCPA	System	0.8	optimization	0.0
=/0.4/==:=		50		4	market	
7/31/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	optimization	0.0
7/31/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
1/01/2010	ONTINEA_Z_OOLANZ	ODOL	Diogo-i v	3.0	market	0.0
7/31/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
					market	
7/31/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	2.0	optimization	0.0
					market	
7/31/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
7/31/2018	HUMBPP_6_UNITS_5	PGAE	Humboldt	9.6	optimization	0.0
					market	
7/31/2018	LODI25_2_UNIT 1	NCPA	Stockton	23.0	optimization	0.0
					market	
7/31/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	551.0	optimization	0.0
					market	
7/31/2018	MIDWY3_2_MDSSR1	SDGE		20.0	optimization	0.0
			CAISO		market	
7/31/2018	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
					market	
7/31/2018	YUBACT 6 UNITA1	PGAE	Sierra	47.6	optimization	0.0