

Non Resource Adequacy Capacity Report

September 2017

CAISO Market Quality and Renewable Integration

October 10, 2017

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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 September 2017.

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 Reliabilty 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 September 2017. 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 September 2017

Date	Resource	UDC	Local Area	Non RA	Reason	RUC award
				MW		
					market	
9/1/2017	AGRICO_6_PL3N5	PGAE	Fresno	2.4	optimization	0.0
					market	
9/1/2017	ANZA_6_SOLAR1	SDGE		1.4	optimization	0.0
			_		market	
9/1/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
0/4/0047	AVENIAL O AVOLDA	DO 4 E			market	0.0
9/1/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
9/1/2017	AVENAL_6_AVSLR2	PGAE		5.2	market optimization	0.0
9/1/2017	AVENAL_0_AV3LK2	FGAL		5.2	market	0.0
9/1/2017	AVENAL 6 SANDDG	PGAE	Fresno	12.5	optimization	0.0
3/1/2017	AVEIVAL_O_GAINDDG	TOAL	1103110	12.0	market	0.0
9/1/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
0/1/2017	7.4.5.14.15.5.5.14.5.1	1 0/12	1100110	10.2	market	0.0
9/1/2017	BOGUE 1 UNITA1	PGAE	Sierra	1.0	optimization	0.0
			San		market	
9/1/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization	0.0
					market	
9/1/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
					market	
9/1/2017	CHINO_6_CIMGEN	SCE	LA Basin	0.3	optimization	0.0
					market	
9/1/2017	CHWCHL_1_UNIT	PGAE	Fresno	3.9	optimization	0.0
0/4/0047	ONITALIA O OOLADO	0005	San	5 0	market	0.0
9/1/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization	0.0
9/1/2017	COPMT4_2_SOLAR4	SCE		1.6	market optimization	0.0
9/1/2017	COFW14_2_SOLAR4	SCE	System	1.0	market	0.0
9/1/2017	CSTOGA 6 LNDFIL	PGAE	NCNB	0.6	optimization	0.0
3/1/2017	<u> </u>	1 O/L	CAISO	0.0	market	0.0
9/1/2017	GONZLS_6_UNIT	PGAE	System	1.4	optimization	0.0
0, ,, = 0 , ,					market	
9/1/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.3	optimization	0.0
					market	
9/1/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/1/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
9/1/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
0/4/0047	LUMBER CLINITO	DC 4 F	Library 1 - 1-24	0.0	market	
9/1/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
			Big Creek-		market	
9/1/2017	MNDALY 7 UNIT 3	SCE	Ventura	10.2	optimization	0.0
3/1/2017	WINDALT_I_OINIT S	JOL	Big	10.2	οριππεαιίοπ	0.0
			Creek-		market	
9/1/2017	ORMOND_7_UNIT 2_C2	SCE	Ventura	21.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	110000100		Area	RA	11000011	award
				MW		
			Big			
			Creek-		market	
9/1/2017	ORMOND_7_UNIT 2_C3	SCE	Ventura	299.9	optimization	0.0
			Big			
			Creek-		market	
9/1/2017	ORMOND_7_UNIT 2_C4	SCE	Ventura	19.5	optimization	0.0
- / / /			CAISO		market	
9/1/2017	PNCHEG_2_PL1X4_4	PGAE	System	18.0	optimization	0.0
0/4/0047	DEDDIE & LINIT	DOAF	CAISO	- c	market	0.0
9/1/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
0/4/0047	D\/D\/E\\/ 4 LINITA4	DCAE	Day Area		market	0.0
9/1/2017	RVRVEW_1_UNITA1	PGAE	Bay Area	1.1	optimization market	0.0
9/1/2017	RVSIDE 2 RERCU3	RVSD	LA Basin	0.5	optimization	0.0
9/1/2017	KVSIDE_Z_KERCOS	IXVSD	CAISO	0.5	market	0.0
9/1/2017	SALIRV_2_UNIT	PGAE	System	15.5	optimization	0.0
3/1/2017	OALII(V_Z_OIVII	TOAL	CAISO	10.0	market	0.0
9/1/2017	SANLOB 1 LNDFIL	PGAE	System	1.4	optimization	0.0
0/1/2011	6/11/20B_1_21/B1 12	1 O/ (L	Big	1	optimization	0.0
			Creek-		market	
9/1/2017	SNCLRA_6_OXGEN	SCE	Ventura	15.4	optimization	0.0
				_	market	
9/1/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
					market	
9/1/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
					market	
9/1/2017	WHEATL_6_LNDFIL	PGAE	Sierra	1.5	optimization	0.0
					market	
9/2/2017	AGRICO_6_PL3N5	PGAE	Fresno	2.7	optimization	0.0
					market	
9/2/2017	ANZA_6_SOLAR1	SDGE		1.4	optimization	0.0
0/0/0047	AVENAL O AVEABLE	DO 4 E	_		market	0.0
9/2/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
0/0/0047	AV/ENIAL C AV/CLD4	DCAE			market	0.0
9/2/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
9/2/2017	AVENAL 6 AVSLR2	PGAE		5.2	market optimization	0.0
9/2/2017	AVENAL_O_AVOLINZ	FUAL		J.Z	market	0.0
9/2/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
3/2/2011	/\VE\V\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1 O/ L	1100110	12.0	market	0.0
9/2/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
0,2,2011	7.1.2		San		market	0.0
9/2/2017	BORDER 6 UNITA1 2X1	SDGE	Diego-IV	48.0	optimization	0.0
			J -		market	
9/2/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			CAISO		market	
9/2/2017	CARBOU_7_UNIT 1	PGAE	System	18.9	optimization	0.0
			San		market	
9/2/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
9/2/2017	COPMT4_2_SOLAR4	SCE	System	10.6	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
0/0/0047	COTOCA C INDE	DO 4 E	NICNID	0.0	market	0.0
9/2/2017	CSTOGA_6_LNDFIL	PGAE	NCNB CAISO	0.3	optimization	0.0
9/2/2017	GONZLS_6_UNIT	PGAE	System	1.4	market optimization	0.0
9/2/2017	GONZES_0_UNIT	FUAL	System	1.4	market	0.0
9/2/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.3	optimization	0.0
0/2/2011			0.0	0.0	market	0.0
9/2/2017	GWFPWR_1_UNITS_DUAL	PGAE	Fresno	4.2	optimization	0.0
					market	
9/2/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.0	optimization	0.0
0/0/004=		5015			market	
9/2/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.0	optimization	0.0
9/2/2017	HUMBPP 1 UNITS3 4	PGAE	Humboldt	7.0	market optimization	0.0
9/2/2017	TIOMBEE_I_ONITSS_4	FGAL	Humbolat	7.0	market	0.0
9/2/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
0/2/2011				0.0	market	0.0
9/2/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	2.0	optimization	0.0
					market	
9/2/2017	MALAGA_1_PL1X2_2X	PGAE	Fresno	9.0	optimization	0.0
			Big			
0/0/0047	MANIDALY 7 LINUT 0	005	Creek-	400.0	market	0.0
9/2/2017	MNDALY_7_UNIT 3	SCE	Ventura	130.0	optimization	0.0
			Big Creek-		market	
9/2/2017	MNDALY_7_UNIT 3	SCE	Ventura	130.0	optimization	27.9
0,2,2011			Big			
			Creek-		market	
9/2/2017	ORMOND_7_UNIT 2_C3	SCE	Ventura	252.0	optimization	0.0
			CAISO		market	
9/2/2017	PNCHEG_2_PL1X4_4	PGAE	System	11.0	optimization	0.0
9/2/2017	PNOCHE 1 PL1X2	PGAE	Fresno	2.0	market optimization	0.0
9/2/2017	PNOCHE_I_PLIX2	PGAE	riesiio	2.0	market	0.0
9/2/2017	PNOCHE_1_UNITA1_2X1	PGAF	Fresno	4.0		0.0
0/2/2011	- 110011 <u>-</u> 1_01111711271	. 0, 12	CAISO	1.0	market	0.0
9/2/2017	REDBLF_6_UNIT	PGAE	System	35.1	optimization	0.0
			CAISO		market	
9/2/2017	RTREE_2_WIND1	SCE	System	1.9	optimization	0.0
0/0/004=		5015	CAISO		market	
9/2/2017	SANLOB_1_LNDFIL	PGAE	System	1.4	optimization	0.0
9/2/2017	WALCRK 2 CTG1	SCE	LA Basin	0.4	market optimization	0.0
9/2/2017	WALCKK_Z_CTGT	SCE	LA DaSIII	0.4	market	0.0
9/2/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
					market	
9/3/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
9/3/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
0/0/004=	AV/5N/AL 0 AV/0154	DO 4 5			market	2.2
9/3/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Daio	110000100		Area	RA	11000011	award
				MW		
					market	
9/3/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
					market	
9/3/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
					market	
9/3/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
0/0/004=	0.1.500 0.001.57	0005			market	
9/3/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
0/0/0047	CNITNII A O COLADO	0005	San		market	0.0
9/3/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
9/3/2017	CODMT4 2 SOLAD4	SCE	CAISO	1.2	market	0.0
9/3/2017	COPMT4_2_SOLAR4	SCE	System	1.2	optimization market	0.0
9/3/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.3	optimization	0.0
3/3/2017	GRIDET_0_GGEAR	TOAL	Sierra	0.5	market	0.0
9/3/2017	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.0	optimization	0.0
0/0/2017	110111011111111111111111111111111111111	1 O/ (L	Trambolat	1.0	market	0.0
9/3/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	optimization	0.0
0,0,20					market	0.0
9/3/2017	HUMBPP 6 UNITS 3	PGAE	Humboldt	3.0	optimization	0.0
					market	
9/3/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	2.0	optimization	0.0
			Big		•	
			Creek-		market	
9/3/2017	MNDALY_7_UNIT 1	SCE	Ventura	20.0	optimization	0.0
			Big			
			Creek-		market	
9/3/2017	MNDALY_7_UNIT 2	SCE	Ventura	20.0	optimization	0.0
- /- /			CAISO		market	
9/3/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
0/0/0047	DTDEE O WINDA	005	CAISO	0.4	market	0.0
9/3/2017	RTREE_2_WIND1	SCE	System	0.1	optimization	0.0
0/2/2017	CANLOD 1 INDEL	PGAE	CAISO	1.0	market	0.0
9/3/2017	SANLOB_1_LNDFIL	PGAE	System	1.0	optimization	0.0
			Big Creek-		market	
9/3/2017	SAUGUS 2 TOLAND	SCE	Ventura	0.4	optimization	0.0
3/0/2017	0/10000_2_102/114B	OOL	Vontara	0.4	market	0.0
9/3/2017	WALCRK 2 CTG1	SCE	LA Basin	0.4	optimization	0.0
5. 5. 25 11			CAISO	J.,	market	5.0
9/3/2017	WOLFSK 1 UNITA1	PGAE	System	0.9	optimization	0.0
					market	_
9/3/2017	YUBACT_1_SUNSWT	PGAE	Sierra	4.0	optimization	0.0
					market	
9/3/2017	YUBACT_6_UNITA1	PGAE	Sierra	1.6	optimization	0.0
					market	
9/4/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
			l _		market	
9/4/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.7	optimization	0.0
0///02/-	AN/ENIAL O AN/OLD:	DC 4 =			market	
9/4/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			Aica	MW		awaiu
					market	
9/4/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
					market	
9/4/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
					market	
9/4/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
					market	
9/4/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			CAISO		market	
9/4/2017	CARBOU_7_UNIT 1	PGAE	System	23.0	optimization	0.0
0/4/0047	0.17.11.4.0.001.4.00	0005	San		market	0.0
9/4/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/4/2047	CODMT4 2 COLAD4	COF	CAISO	50.7	market	0.0
9/4/2017	COPMT4_2_SOLAR4	SCE	System	52.7	optimization	0.0
9/4/2017	HAYPRS_6_QFUNTS	PGAE	Sierra	0.3	market optimization	0.0
9/4/2017	HATEKS_0_QEONTS	FGAL	Sierra	0.3	market	0.0
9/4/2017	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.0	optimization	0.0
3/4/2011	110111011111111111111111111111111111111	TOAL	Tidilibolat	7.0	market	0.0
9/4/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.0	optimization	0.0
0/ 1/2011	110111211211110020	1 0/12	Trambolat	0.0	market	0.0
9/4/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	1.0	optimization	0.0
		_			market	
9/4/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	3.0	optimization	0.0
					market	
9/4/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.0	optimization	0.0
			CAISO		market	
9/4/2017	PEABDY_2_LNDFL1	PGAE	System	0.4	optimization	0.0
			CAISO		market	
9/4/2017	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
			CAISO		market	
9/4/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
0/4/0047	DIDEE O MINIDA	005	CAISO	0.4	market	0.0
9/4/2017	RTREE_2_WIND1	SCE	System	0.4	optimization	0.0
9/4/2017	TANHIL 6 SOLART	PGAE	CAISO	4.3	market	0.0
9/4/2017	TANHIL_0_SOLART	PGAE	System	4.3	optimization market	0.0
9/4/2017	TANHIL 6 SOLART	PGAE	Kern	4.3	optimization	0.0
3/4/2017	TANTIL_0_SOLART	FUAL	Keiii	4.5	market	0.0
9/4/2017	ULTPFR_1_UNIT 1	PGAE	Fresno	4.7	optimization	0.0
0/ 1/2011	021111(_1_01(11)	1 0/12	1100110	1,	market	0.0
9/5/2017	ANZA 6 SOLAR1	SDGE		1.1	optimization	0.0
0,0,00					market	
9/5/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.7	optimization	0.0
					market	
9/5/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
					market	
9/5/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
					market	
9/5/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
0/=/0=:=	AVENIAL & 01010-11		_		market	
9/5/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			7.1.00	MW		awara
					market	
9/5/2017	BOGUE_1_UNITA1	PGAE	Sierra	2.6	optimization	0.0
			San		market	
9/5/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization	0.0
			CAISO		market	
9/5/2017	BUTTVL_7_UNIT 1	PGAE	System	36.0	optimization	0.0
0/5/0047	041 000 0 001 404	0005		0.0	market	0.0
9/5/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
9/5/2017	CHWCHL_1_UNIT	PGAE	Fresno	3.7	market optimization	0.0
3/3/2017		TOAL	San	3.1	market	0.0
9/5/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0,0,00			CAISO		market	
9/5/2017	COPMT4_2_SOLAR4	SCE	System	1.1	optimization	0.0
					market	
9/5/2017	ETIWND_7_UNIT 3	SCE	LA Basin	5.0	optimization	0.0
					market	
9/5/2017	ETIWND_7_UNIT 4	SCE	LA Basin	0.2	optimization	0.0
0/5/0047	LULINADDD 4 LINUTOO 0	DOAF	11	4.5	market	0.0
9/5/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
9/5/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	market optimization	0.0
9/3/2017	TIOMBEE_I_ONIT33_3	FGAL	Humbolat	10.4	market	0.0
9/5/2017	HUMBPP 1 UNITS3 4	PGAE	Humboldt	9.1	optimization	0.0
0,0,2011		1 0/12	riambolat	0.1	market	0.0
9/5/2017	HUMBPP 1 UNITS3 4	PGAE	Humboldt	9.1	optimization	5.7
					market	
9/5/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	optimization	9.1
	_				market	
9/5/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	optimization	0.0
0/5/0047	LILIMADED C LINUTE O	DOAF	l loure le estelé	0.0	market	0.0
9/5/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
9/5/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.0	market optimization	0.0
3/3/2017		TOAL	Tidilibolat	3.0	market	0.0
9/5/2017	KELSO 2 UNITS 4	PGAE	Bay Area	4.6	optimization	0.0
					market	
9/5/2017	LMBEPK_2_UNITA1	PGAE	Bay Area	0.5	optimization	0.0
					market	
9/5/2017	LMBEPK_2_UNITA2	PGAE	Bay Area	0.4	optimization	0.0
0/5/0047	LAADEDIK O LINUTAO	DO 4 E		0.0	market	0.0
9/5/2017	LMBEPK_2_UNITA3	PGAE	Bay Area	0.6	optimization	0.0
			Big Creek-		market	
9/5/2017	MNDALY_7_UNIT 3	SCE	Ventura	10.2	optimization	0.0
5/5/2017		555	Big	10.2	- Spannization	0.0
			Creek-		market	
9/5/2017	MOORPK_6_QF	SCE	Ventura	1.6	optimization	0.0
					market	
9/5/2017	PLSNTG_7_LNCLND	PGAE	Sierra	0.3	optimization	0.0
0/5/0045	DNOUES S BLAVA	DC 4 5	CAISO	4	market	2.2
9/5/2017	PNCHEG_2_PL1X4_4	PGAE	System	15.5	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
2002			Area	RA		award
				MW		
					market	
9/5/2017	PNOCHE_1_UNITA1_2X1	PGAE	Fresno	4.0	optimization	0.0
0/5/0047	DEDDIE 6 LINIT	DOAF	CAISO	40.0	market	0.0
9/5/2017	REDBLF_6_UNIT	PGAE	System CAISO	12.9	optimization	0.0
9/5/2017	RTREE_2_WIND1	SCE	System	1.7	market optimization	0.0
9/3/2017	KTIKEE_Z_VVINDT	JOL	System	1.7	market	0.0
9/5/2017	RVRVEW 1 UNITA1	PGAE	Bay Area	1.1	optimization	0.0
0,0,2011			24,7		market	0.0
9/5/2017	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	optimization	0.0
			CAISO		market	
9/5/2017	SALIRV_2_UNIT	PGAE	System	19.4	optimization	0.0
			Big		_	
0/5/0047	CALICUS O TOLAND	005	Creek-	0.4	market	0.0
9/5/2017	SAUGUS_2_TOLAND	SCE	Ventura	0.4	optimization	0.0
9/5/2017	TANHIL_6_SOLART	PGAE	CAISO System	3.8	market optimization	0.0
9/3/2017	TANTIL_0_SOLART	FGAL	System	3.0	market	0.0
9/5/2017	TANHIL_6_SOLART	PGAE	Kern	3.8	optimization	0.0
0/0/2011	77.11.11.11. <u></u>	1 0/12	110111	0.0	market	0.0
9/5/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
					market	
9/5/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
					market	
9/5/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
0/5/0047	WALCOK O CTO4	005	L A Danin	0.5	market	0.0
9/5/2017	WALCRK_2_CTG4	SCE	LA Basin CAISO	0.5	optimization market	0.0
9/5/2017	WOLFSK_1_UNITA1	PGAE	System	1.5	optimization	0.0
3/3/2017	WOLI SK_1_ONITAT	TOAL	Oystem	1.0	market	0.0
9/6/2017	ANZA 6 SOLAR1	SDGE		3.8	optimization	0.0
					market	
9/6/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
					market	
9/6/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
- /- /					market	
9/6/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
9/6/2017	AVENAL 6 SANDDG	PGAE	Fresno	12.5	market optimization	0.0
9/0/2017	AVENAL_0_SANDDG	FGAL	Fiesho	12.0	market	0.0
9/6/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
0,0,2011	7.17.21.01.12.02.001.101.1	1 0/12	1100110	10.2	market	0.0
9/6/2017	BOGUE 1 UNITA1	PGAE	Sierra	2.6	optimization	0.0
			San		market	
9/6/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization	0.0
_					market	
9/6/2017	CALPSS_6_SOLAR1	SDGE	2115	3.0	optimization	0.0
0/0/004=	0400011 7 1997 1	DC 4 5	CAISO	2.0	market	2.2
9/6/2017	CARBOU_7_UNIT 1	PGAE	System	9.0	optimization	0.0
0/6/2017	CNITNI A 2 SOLAB2	SDCE	San Diogo IV	E 0	market	0.0
9/6/2017	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 6	MW		G.17 G.1 G.
			CAISO		market	
9/6/2017	COPMT4_2_SOLAR4	SCE	System	1.1	optimization	0.0
					market	
9/6/2017	DIXNLD_1_LNDFL	PGAE	Bay Area	1.0	optimization	0.0
					market	
9/6/2017	DUTCH1_7_UNIT 1	PGAE	Sierra	10.8	optimization	0.0
					market	
9/6/2017	FMEADO_6_HELLHL	PGAE	Sierra	0.4	optimization	0.0
					market	
9/6/2017	GILRPP_1_PL1X2_2	PGAE	Bay Area	0.2	optimization	0.0
			CAISO		market	
9/6/2017	HMLTBR_6_UNITS	PGAE	System	1.3	optimization	0.0
					market	
9/6/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	optimization	0.0
					market	
9/6/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/6/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
			CAISO		market	
9/6/2017	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
			CAISO		market	
9/6/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
			CAISO		market	
9/6/2017	RTREE_2_WIND1	SCE	System	2.3	optimization	0.0
					market	
9/6/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
0/0/004=	WW 0514 0 0700	005			market	
9/6/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
0/0/0047	MALORICO OTO 4	005	I A Davis	0.5	market	0.0
9/6/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
0/7/0047	ANIZA O OOL ADA	0005			market	0.0
9/7/2017	ANZA_6_SOLAR1	SDGE		1.4	optimization	0.0
0/7/0047	AVENAL C AVEADIC	DO 4 E		2.0	market	0.0
9/7/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
0/7/2017	AVENAL 6 AVELD1	DCAE		5.2	market optimization	0.0
9/7/2017	AVENAL_6_AVSLR1	PGAE		5.2	market	0.0
9/7/2017	AVENAL 6 AVSLR2	PGAE		5.2	optimization	0.0
9/1/2017	AVENAL_0_AVSLK2	PGAE		3.2	market	0.0
9/7/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
3/1/2017	AVLINAL_0_SANDDG	FUAL	1 163110	12.5	market	0.0
9/7/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
5/1/2017	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IOAL	San	10.2	market	0.0
9/7/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization	0.0
5,7,2017		5502	2.09011	1 1.0	market	5.0
9/7/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
5.1,2311			San	3.0	market	3.0
9/7/2017	CNTNLA 2 SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
	_		9	7.2	market	2.5
9/7/2017	COLGAT 7 UNIT 1	PGAE	Sierra	1.3	optimization	0.0
				-	market	-
9/7/2017	COLGAT_7_UNIT 2	PGAE	Sierra	4.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
			0.110.0	MW		
0/7/2017	CODMT4 2 COLAD4	COF	CAISO	44.4	market	0.0
9/7/2017	COPMT4_2_SOLAR4	SCE	System	11.4	optimization market	0.0
9/7/2017	DIXNLD_1_LNDFL	PGAE	Bay Area	1.0	optimization	0.0
3/1/2011	DIXINED_1_LIND1 E	IOAL	Day Alca	1.0	market	0.0
9/7/2017	DUTCH1_7_UNIT 1	PGAE	Sierra	10.8	optimization	0.0
					market	
9/7/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/7/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	optimization	0.0
0/7/2017	LILIMDDD 4 LINITO9 4	DOAE	l li waa la a lalt	0.4	market	0.0
9/7/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	optimization market	0.0
9/7/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
3/1/2011	110MB11_0_01110_3	TOAL	CAISO	0.0	market	0.0
9/7/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
			Í		market	
9/7/2017	RVRVEW_1_UNITA1	PGAE	Bay Area	1.1	optimization	0.0
			Big			
			Creek-		market	
9/7/2017	SNCLRA_2_HOWLNG	SCE	Ventura	5.4	optimization	0.0
			Big Creek-		market	
9/7/2017	SNCLRA_2_SPRHYD	SCE	Ventura	0.6	optimization	0.0
3/1/2011	ONOLINA_Z_OF RITE	OOL	Big	0.0	optimization	0.0
			Creek-		market	
9/7/2017	SNCLRA_6_OXGEN	SCE	Ventura	15.4	optimization	0.0
			Big			
- /- /			Creek-		market	
9/7/2017	SNCLRA_6_PROCGN	SCE	Ventura	1.5	optimization	0.0
			Big Creek-		market	
9/7/2017	SNCLRA_6_QF	SCE	Ventura	0.8	optimization	0.0
3/1/2011	0110E177_0_Q1	JOL	Ventura	0.0	market	0.0
9/7/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4		0.0
					market	
9/7/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
					market	
9/7/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
0/7/2017	MALCOK 2 CTC4	COE	I A Dania	0.5	market	0.0
9/7/2017	WALCRK_2_CTG4	SCE	LA Basin CAISO	0.5	optimization market	0.0
9/7/2017	WOLFSK_1_UNITA1	PGAE	System	1.5	optimization	0.0
5,1,2517		. 5,	2,0.0	1.5	market	0.0
9/8/2017	ANZA_6_SOLAR1	SDGE		1.4	optimization	0.0
					market	
9/8/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
0/0/00/	AVENIAL O AVOIDA				market	
9/8/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
0/9/2017	AVENAL & AVELDS	PGAE		5.2	market	0.0
9/8/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			Alca	MW		awara
					market	
9/8/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
					market	
9/8/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
					market	
9/8/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
9/8/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/0/0047	0000474 0 001 404	005	CAISO	44.4	market	0.0
9/8/2017	COPMT4_2_SOLAR4	SCE	System	11.4	optimization	0.0
9/8/2017	DUTCH1 7 UNIT 1	PGAE	Sierra	10.7	market	0.0
9/0/2017	DOTCHT_7_UNIT T	PGAE	Sierra	10.7	optimization market	0.0
9/8/2017	HUMBPP 1 UNITS3 3	PGAE	Humboldt	10.4	optimization	0.0
3/0/2011		1 OAL	Tidilibolat	10.4	market	0.0
9/8/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	optimization	0.0
0,0,20				0	market	0.0
9/8/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/8/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
			CAISO		market	
9/8/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
			CAISO		market	
9/8/2017	SALIRV_2_UNIT	PGAE	System	19.8	optimization	0.0
0/0/0047	4174 0 001 454	0005		4.0	market	0.0
9/9/2017	ANZA_6_SOLAR1	SDGE		1.3	optimization	0.0
9/9/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	market	0.0
9/9/2017	AVENAL_0_AVPARK	PGAE	riesiio	3.9	optimization market	0.0
9/9/2017	AVENAL 6 AVSLR1	PGAE		5.2	optimization	0.0
3/3/2011	AVENAL_O_AVOLICI	TOAL		0.2	market	0.0
9/9/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
0,0,00					market	
9/9/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
					market	
9/9/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
					market	
9/9/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
0/0/0047	017111 4 0 001 450	0005	San		market	0.0
9/9/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
9/9/2017	COPMT4_2_SOLAR4	SCE	CAISO System	8.4	market optimization	0.0
9/9/2017	COPWI4_2_SOLAR4	SUE	System	0.4	market	0.0
9/9/2017	DIXNLD_1_LNDFL	PGAE	Bay Area	0.8	optimization	0.0
3/3/2017	DIVINED_1_ENDI E	, OAL	Day Alea	0.0	market	0.0
9/9/2017	DUTCH1_7_UNIT 1	PGAE	Sierra	18.0	optimization	0.0
					market	3.0
9/9/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/9/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	optimization	0.0
					market	
9/9/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	8.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			700	MW		anara
					market	
9/9/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/9/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
9/9/2017	PNOCHE_1_UNITA1_2X1	PGAE	Fresno	4.0	optimization	0.0
0/0/0047	DEDDIE 6 LINE	DO 4 E	CAISO		market	0.0
9/9/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
0/40/2047	ANZA C COLADA	CDCE		4.4	market	0.0
9/10/2017	ANZA_6_SOLAR1	SDGE		1.4	optimization market	0.0
9/10/2017	AVENAL 6 AVPARK	PGAE	Fresno	3.9	optimization	0.0
3/10/2017	AVENAL_O_AVI AKK	TOAL	1 163110	5.5	market	0.0
9/10/2017	AVENAL 6 AVSLR1	PGAE		5.2	optimization	0.0
0/10/2011	7.(*2.10.12_0_, (*02.11)	. 0, 12		0.2	market	0.0
9/10/2017	AVENAL 6 AVSLR2	PGAE		5.2	optimization	0.0
					market	
9/10/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
					market	
9/10/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
					market	
9/10/2017	BOGUE_1_UNITA1	PGAE	Sierra	2.6	optimization	0.0
			San		market	
9/10/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization	0.0
0/40/0047		0005		0.0	market	0.0
9/10/2017	CALPSS_6_SOLAR1	SDGE	0	3.0	optimization	0.0
9/10/2017	CNITNII A 2 SOLAD2	SDGE	San Diago IV	5.0	market	0.0
9/10/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization market	0.0
9/10/2017	COPMT4_2_SOLAR4	SCE	System	30.0	optimization	0.0
3/10/2017	OOI WIT4_2_OOE/AR4	OOL	Cystem	30.0	market	0.0
9/10/2017	DIXNLD_1_LNDFL	PGAE	Bay Area	0.8	optimization	0.0
0/10/2011		1 0/12	Day 7 ou	0.0	market	0.0
9/10/2017	DUTCH1_7_UNIT 1	PGAE	Sierra	18.0	optimization	0.0
					market	
9/10/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/10/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	12.8	optimization	0.0
					market	
9/10/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	optimization	0.0
0/40/0047	LILIMADED O LINUTO O	DOAF	11	0.0	market	0.0
9/10/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
			Big Creek-		market	
9/10/2017	KERRGN 1 UNIT 1	SCE	Ventura	21.5	optimization	0.0
3/10/2017	INDIVITION I	JOL	ventura	21.3	market	0.0
9/10/2017	METCLF_1_QF	PGAE	Bay Area	0.3	optimization	0.0
3, 13, 2017		. 5,	Big	0.0	- 5p2ation	0.0
			Creek-		market	
9/10/2017	MNDALY_7_UNIT 3	SCE	Ventura	10.2	optimization	108.6
					market	
9/10/2017	PNOCHE_1_UNITA1_2X1	PGAE	Fresno	4.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA MW		award
			CAISO	10100	market	
9/10/2017	REDBLF 6 UNIT	PGAE	System	5.6	optimization	0.0
5,15,251					market	
9/10/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
					market	
9/10/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
					market	
9/10/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
0/40/0047	NACH FOR A LINUTAA	DOAE	CAISO	4.5	market	0.0
9/10/2017	WOLFSK_1_UNITA1	PGAE	System	1.5	optimization	0.0
9/10/2017	YUBACT_6_UNITA1	PGAE	Sierra	1.6	market optimization	0.0
9/10/2017	TOBACT_0_ONITAT	FUAL	Sierra	1.0	market	0.0
9/11/2017	AGRICO_6_PL3N5	PGAE	Fresno	2.7	optimization	0.0
					market	
9/11/2017	ANZA_6_SOLAR1	SDGE		1.4	optimization	0.0
					market	
9/11/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.5	optimization	0.0
					market	
9/11/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
0/44/2047	AVENAL C AVCIDO	DCAE		F 0	market	0.0
9/11/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization market	0.0
9/11/2017	AVENAL 6 SANDDG	PGAE	Fresno	12.5	optimization	0.0
3/11/2017	7(VEIV/(E_0_6)(IVBB6	1 O/L	1100110	12.0	market	0.0
9/11/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
					market	
9/11/2017	BOGUE_1_UNITA1	PGAE	Sierra	2.6	optimization	0.0
			San		market	
9/11/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization	0.0
0/44/0047	041 000 0 001 404	0005		0.0	market	0.0
9/11/2017	CALPSS_6_SOLAR1	SDGE	San	3.0	optimization market	0.0
9/11/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
9/11/2017	CNTNLA_Z_SOLANZ	SDGL	CAISO	3.0	market	0.0
9/11/2017	COPMT4 2 SOLAR4	SCE	System	2.3	optimization	0.0
			_ ,		market	
9/11/2017	DUTCH1_7_UNIT 1	PGAE	Sierra	10.7	optimization	0.0
					market	
9/11/2017	ETIWND_7_UNIT 3	SCE	LA Basin	5.0	optimization	0.0
0/44/0047	ETNAMES TANKE	005			market	
9/11/2017	ETIWND_7_UNIT 3	SCE	LA Basin	5.0	optimization	5.0
9/11/2017	ETIWND 7 UNIT 4	SCE	LA Basin	5.0	market optimization	0.0
9/11/2017	ETIWND_I_UNIT 4	SCE	LA Dasiii	5.0	market	0.0
9/11/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
				J	market	3.0
9/11/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/11/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	optimization	0.0
0/44/004=	LILIMBDD 4 LINUTCO 4	DO 4 F	I I am to 1 to	0.4	market	
9/11/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
	<u>-</u>				market	
9/11/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
0/11/2017	LILIMPDD & LINITS 2	DCAE	Llumbaldt	6.0	market	0.0
9/11/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization market	0.0
9/11/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	optimization	0.0
3/11/2017		TOAL	Tidilibolat	3.1	market	0.0
9/11/2017	LMBEPK 2 UNITA1	PGAE	Bay Area	0.5	optimization	0.0
	 -				market	
9/11/2017	LMBEPK_2_UNITA2	PGAE	Bay Area	0.4	optimization	0.0
			Big			
			Creek-		market	
9/11/2017	MNDALY_7_UNIT 1	SCE	Ventura	40.9	optimization	0.0
			Big			
9/11/2017	MANDALV 7 LINIT 2	SCE	Creek-	110.5	market	0.0
9/11/2017	MNDALY_7_UNIT 2	SCE	Ventura Big	110.5	optimization	0.0
			Creek-		market	
9/11/2017	MNDALY 7 UNIT 3	SCE	Ventura	68.0	optimization	0.0
0,11,2011		552	CAISO	00.0	market	0.0
9/11/2017	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
					market	
9/11/2017	PNOCHE_1_UNITA1_2X1	PGAE	Fresno	4.0	optimization	0.0
			CAISO		market	
9/11/2017	REDBLF_6_UNIT	PGAE	System	25.0	optimization	0.0
0/44/0047		DOAF	CAISO	4.5	market	0.0
9/11/2017	SANLOB_1_LNDFIL	PGAE	System CAISO	1.5	optimization	0.0
9/11/2017	TANHIL 6 SOLART	PGAE	System	4.6	market optimization	0.0
9/11/2017	TANTIL_0_SOLART	FOAL	System	4.0	market	0.0
9/11/2017	TANHIL_6_SOLART	PGAE	Kern	4.6	optimization	0.0
0, 11, 2011					market	0.0
9/11/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
					market	
9/11/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	<u> </u>	0.0
0/44/004=		005			market	
9/11/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
0/11/2017	WALCEK 2 CTC4	SCE	I A Booin	0.5	market	0.0
9/11/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization market	0.0
9/11/2017	YUBACT 6 UNITA1	PGAE	Sierra	1.6	optimization	0.0
3/11/2017	100/101_0_01411/11	TONE	Olorra	1.0	market	0.0
9/12/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
9/12/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
					market	
9/12/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
0/40/004=	AVENIAL O AVO. 50	DO 4 =			market	2.2
9/12/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
0/12/2017	AVENAL & SANDOC	PGAE	Erecoc	10 5	market	0.0
9/12/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource		Area	RA	reason	award
				MW		
					market	
9/12/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
0/40/004=		50.5	0.		market	
9/12/2017	BOGUE_1_UNITA1	PGAE	Sierra	2.6	optimization	0.0
0/40/0047	DODDED C LINITAA OYA	CDCE	San	44.0	market	0.0
9/12/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization market	0.0
9/12/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
3/12/2017	CALI 33_0_30LAITI	SDGL	San	3.0	market	0.0
9/12/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0,12,2011	0111112 (<u></u> 00 11.0	0202	CAISO	0.0	market	0.0
9/12/2017	COPMT4_2_SOLAR4	SCE	System	2.0	optimization	0.0
					market	
9/12/2017	DRUM_7_PL1X2	PGAE	Sierra	12.0	optimization	0.0
					market	
9/12/2017	DUTCH1_7_UNIT 1	PGAE	Sierra	10.7	optimization	0.0
0/40/004=		50.5	0.		market	
9/12/2017	FMEADO_6_HELLHL	PGAE	Sierra	0.2	optimization	0.0
0/10/2017	CIEFEN 6 SOLAR	PGAE	CAISO	0.2	market	0.0
9/12/2017	GIFFEN_6_SOLAR	PGAE	System	0.2	optimization market	0.0
9/12/2017	GIFFEN_6_SOLAR	PGAE	Fresno	0.2	optimization	0.0
3/12/2017	GII I EN_O_SOLAIN	TOAL	1 163110	0.2	market	0.0
9/12/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
0, 12, 20 11		1 0/12	0.0	011	market	0.0
9/12/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/12/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	8.0	optimization	0.0
					market	
9/12/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
0/40/0047	LUUMBBB O LINUTO O	DO 4 E		0.0	market	0.0
9/12/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
9/12/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	market optimization	0.0
9/12/2017	HUMBPP_0_UNITS_4	PGAE	Humboldt	9.1	market	0.0
9/12/2017	PLMSSR 6 HISIER	NCPA		3.0	optimization	0.0
0/12/2011	· · · · · · · · · · · · · · · · · · ·	110171	CAISO	0.0	market	0.0
9/12/2017	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
			CAISO		market	
9/12/2017	REDBLF_6_UNIT	PGAE	System	13.9	optimization	0.0
					market	
9/12/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
0/40/004=		005			market	
9/12/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
9/12/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
3/12/2017	**ALGINI_Z_G1G4	300	LA DaSIII	0.5	market	0.0
9/13/2017	ANZA_6_SOLAR1	SDGE		1.1	optimization	0.0
5, .5, 2011		1000			market	3.0
9/13/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
					market	
9/13/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA MW		award
				IVIVV	market	
9/13/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
3/13/2017	AVENAL_O_AVOLNZ	TOAL		5.2	market	0.0
9/13/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
					market	
9/13/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
					market	
9/13/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
9/13/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/40/0047	0000474 0 001 404	205	CAISO	47.0	market	0.0
9/13/2017	COPMT4_2_SOLAR4	SCE	System	17.8	optimization	0.0
9/13/2017	CSTOGA 6 LNDFIL	PGAE	NCNB	0.3	market optimization	0.0
9/13/2017	CSTOGA_0_LINDI IL	FUAL	INCIND	0.5	market	0.0
9/13/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
0,10,2011			0.0	0	market	0.0
9/13/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/13/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	optimization	0.0
					market	
9/13/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	optimization	0.0
0/40/0047		DO 4 E		4.5	market	0.0
9/13/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
9/13/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
9/13/2017	110MBFF_0_0N113_3	FUAL	Tidifibolat	0.0	market	0.0
9/13/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	7.9	optimization	0.0
<u> </u>			CAISO		market	
9/13/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
			CAISO		market	
9/13/2017	SOUTH_2_UNIT	PGAE	System	3.2	optimization	0.0
					market	
9/13/2017	USWNDR_2_SMUD	PGAE	Bay Area	72.5	optimization	0.0
9/13/2017	USWNDR 2 SMUD2	PGAE	Bay Area	110.5	market optimization	0.0
9/13/2017	03WNDK_2_3W0D2	FGAL	Day Alea	110.5	market	0.0
9/13/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
0,10,2011	W/\		27 (20011)	0	market	0.0
9/14/2017	ANZA_6_SOLAR1	SDGE		1.1	optimization	0.0
					market	
9/14/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.8	optimization	0.0
					market	
9/14/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
0/14/2017	AVENAL 6 AVELDS	PGAE		5.2	market	0.0
9/14/2017	AVENAL_6_AVSLR2	FGAE		5.2	optimization market	0.0
9/14/2017	AVENAL 6 SANDDG	PGAE	Fresno	12.5	optimization	0.0
3, 1 1, 2011		. 5,	. 100110	12.0	market	0.0
9/14/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
					market	
9/14/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
			San		market	
9/14/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/4.4/0047	0000474 0 001 404	005	CAISO	4.0	market	0.0
9/14/2017	COPMT4_2_SOLAR4	SCE	System	1.0	optimization	0.0
9/14/2017	CARNET 2 HYDRO	SCE	LA Basin	0.6	market	0.0
9/14/2017	GARNET_2_HYDRO	SCE	LA Dasin	0.6	optimization market	0.0
9/14/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
3/14/2017	GRIBET_0_GGEAR	1 OAL	Olerra	0.1	market	0.0
9/14/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
07 : 17 = 0 : 1					market	0.0
9/14/2017	HUMBPP 1 UNITS3 3	PGAE	Humboldt	12.8	optimization	0.0
					market	
9/14/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
			CAISO		market	
9/14/2017	REDBLF_6_UNIT	PGAE	System	26.9	optimization	0.0
					market	
9/15/2017	ANZA_6_SOLAR1	SDGE		1.1	optimization	0.0
0/45/0047	AVENIAL O AVENER	DO 4 E	_		market	0.0
9/15/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
0/45/0047	AV/ENIAL C AV/CLD4	DCAE			market	0.0
9/15/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization market	0.0
9/15/2017	AVENAL 6 AVSLR2	PGAE		5.2	optimization	0.0
9/13/2017	AVENAL_O_AVOLNZ	FGAL		J.Z	market	0.0
9/15/2017	AVENAL 6 SANDDG	PGAE	Fresno	12.5	optimization	0.0
0/10/2011	7 (V E (1) (E _ 0 _ 0) ((V E) 0	1 0/12	1100110	12.0	market	0.0
9/15/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
					market	
9/15/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			CAISO		market	
9/15/2017	CARBOU_7_PL2X3	PGAE	System	16.0	optimization	0.0
			San		market	
9/15/2017	CHILLS_7_UNITA1	SDGE	Diego-IV	0.3	optimization	0.0
0/45/0047	01.04.01.01.01.01.01.	DO 4 E	_	40.0	market	0.0
9/15/2017	CHWCHL_1_UNIT	PGAE	Fresno	13.2	optimization	0.0
9/15/2017	CNTNLA 2 SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
9/15/2017	CNTNLA_2_SOLAR2	SDGE	CAISO	5.0	market	0.0
9/15/2017	COPMT4_2_SOLAR4	SCE	System	29.0	optimization	0.0
3/10/2017	001 W14_2_002/W4	002	Cystem	20.0	market	0.0
9/15/2017	GRIDLY 6 SOLAR	PGAE	Sierra	0.1	optimization	0.0
5, 10, 2011		1 01.1			market	
9/15/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
9/15/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	6.8
					market	
9/15/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
0/45/00:5		DC 1 =			market	
9/15/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	4.5
0/15/2017	HIMBDD & LINUTO 2	DC A E	الدروم المراجا	6.0	market	0.0
9/15/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	recoding		Area	RA	rtodoon	award
				MW		
					market	
9/15/2017	LMBEPK_2_UNITA1	PGAE	Bay Area	0.5	optimization	0.0
					market	
9/15/2017	LMBEPK_2_UNITA2	PGAE	Bay Area	0.4	optimization	0.0
0/45/0047	LAADEDIK O LINUTAO	DO 4 E	D - A	0.0	market	0.0
9/15/2017	LMBEPK_2_UNITA3	PGAE	Bay Area CAISO	0.6	optimization	0.0
9/15/2017	REDBLF 6 UNIT	PGAE	System	26.9	market optimization	0.0
3/13/2017	NEBBEI _0_0IVII	TOAL	Oystem	20.3	market	0.0
9/15/2017	RVRVEW_1_UNITA1	PGAE	Bay Area	1.1	optimization	0.0
0, 10, 2011			CAISO		market	0.0
9/15/2017	WOLFSK_1_UNITA1	PGAE	System	0.9	optimization	0.0
					market	
9/16/2017	ANZA_6_SOLAR1	SDGE		1.1	optimization	0.0
					market	
9/16/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
0/40/0047	AVENAL C AVOLDA	DOAF			market	0.0
9/16/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
9/16/2017	AVENAL_6_AVSLR2	PGAE		5.2	market optimization	0.0
9/10/2017	AVENAL_O_AVSENZ	FUAL		5.2	market	0.0
9/16/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
07.107.2011					market	0.0
9/16/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
			San		market	
9/16/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization	0.0
0/40/004=	0.1. 500 0 001 151	0005			market	
9/16/2017	CALPSS_6_SOLAR1	SDGE	0	3.0	optimization	0.0
9/16/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
9/10/2017	CNTNLA_2_SOLAR2	SDGE	CAISO	5.0	market	0.0
9/16/2017	COPMT4_2_SOLAR4	SCE	System	0.3	optimization	0.0
0/10/2011		002	Cyclom	0.0	market	0.0
9/16/2017	GIFFEN_6_SOLAR1	PGAE		7.0	optimization	0.0
					market	
9/16/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
9/16/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
9/16/2017	HUMBPP 1 UNITS3 3	PGAE	Humboldt	6.8	market	0.0
9/10/2017	HUMBPP_1_UNITSS_S	PGAE	Humboldt	0.0	optimization market	0.0
9/16/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
0/10/2011		1 0/12	Transporat		market	0.0
9/16/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.4	optimization	0.0
	_		CAISO		market	
9/16/2017	PNCHEG_2_PL1X4_4	PGAE	System	19.5	optimization	0.0
			CAISO	_	market	_
9/16/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
0/46/0047	CALIDY O LINE	DC A E	CAISO	44.0	market	0.0
9/16/2017	SALIRV_2_UNIT	PGAE	System	11.0	optimization market	0.0
9/16/2017	STANIS_7_UNIT 1	PGAE	Stockton	8.0	optimization	0.0
3/10/2017	OTAMO_I_UMIT_I	I GAL	JUCKUII	0.0	υριππεαιίστι	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
0/40/0047	NUIDA OT O LINUTA A	DO 4 E	0:	4.0	market	0.0
9/16/2017	YUBACT_6_UNITA1	PGAE	Sierra	1.6	optimization	0.0
9/17/2017	ANZA_6_SOLAR1	SDGE		1.1	market optimization	0.0
9/11/2011	ANZA_0_SOLAKT	JUGE		1.1	market	0.0
9/17/2017	AVENAL 6 AVPARK	PGAE	Fresno	3.9	optimization	0.0
0,11,2011					market	0.0
9/17/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
					market	
9/17/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
0/47/2047	AVENIAL C CANDOC	DCAE	Гиссия	40.5	market	0.0
9/17/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization market	0.0
9/17/2017	AVENAL 6 SUNCTY	PGAE	Fresno	13.2	optimization	0.0
3/11/2011	7.0210712_0_0011011	1 O/L	1 100110	10.2	market	0.0
9/17/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
9/17/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
9/17/2017	COPMT4_2_SOLAR4	SCE	System	0.3	optimization	0.0
0/17/2017	CDIDLY 6 SOLAD	DCAE	Ciorro	0.1	market	0.0
9/17/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization market	0.0
9/17/2017	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.5	optimization	0.0
0/11/2011	110111211_1_0111100_2	1 0/12	Tidilibolat	1.0	market	0.0
9/17/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
9/17/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.6	optimization	0.0
0/47/0047	LUUMBBB O LINUTO O	DO 4 E		0.0	market	0.0
9/17/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt CAISO	6.8	optimization market	0.0
9/17/2017	REDBLF 6 UNIT	PGAE	System	5.6	optimization	0.0
3/11/2011		TOAL	CAISO	0.0	market	0.0
9/17/2017	SANLOB_1_LNDFIL	PGAE	System	1.4	optimization	0.0
					market	
9/17/2017	SPI LI_2_UNIT 1	PGAE	Sierra	0.8	optimization	0.0
					market	
9/18/2017	ANZA_6_SOLAR1	SDGE		1.1	optimization	0.0
9/18/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	market optimization	0.0
9/10/2017	AVENAL_O_AVFARK	FGAL	Fiesho	3.9	market	0.0
9/18/2017	AVENAL 6 AVSLR1	PGAE		5.2	optimization	0.0
0, 10, 2011				0.2	market	0.0
9/18/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
					market	
9/18/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
0/40/0047	AVENIAL C CLINICTY	DOAE		40.0	market	0.0
9/18/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization market	0.0
9/18/2017	BELDEN 7 UNIT 1	PGAE	Sierra	5.4	optimization	0.0
0/10/2017	DEEDEIN_I_OINII I	, OAL	Jiona	5.4	market	0.0
9/18/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA MW		award
			San	10100	market	
9/18/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
9/18/2017	COPMT4_2_SOLAR4	SCE	System	0.3	optimization	0.0
					market	
9/18/2017	CSTOGA_6_LNDFIL	PGAE	NCNB	0.3	optimization	0.0
			CAISO		market	
9/18/2017	GONZLS_6_UNIT	PGAE	System	1.4	optimization	0.0
0/40/004=		50.5	0.		market	
9/18/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
0/10/2017	LILIMADDD 4 LINITCO 2	PGAE	Humboldt	1 -	market	0.0
9/18/2017	HUMBPP_1_UNITS3_2	PGAE	Humbolat	4.5	optimization market	0.0
9/18/2017	HUMBPP 1 UNITS3 3	PGAE	Humboldt	6.8	optimization	0.0
3/10/2017	110MBH	TOAL	Tidifibolat	0.0	market	0.0
9/18/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
0,10,2011		1 0/12	Transporar	0.0	market	0.0
9/18/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	7.5	optimization	0.0
			CAISO	_	market	
9/18/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
			CAISO		market	
9/18/2017	SANLOB_1_LNDFIL	PGAE	System	1.4	optimization	0.0
			CAISO		market	
9/18/2017	SPBURN_2_UNIT 1	PGAE	System	1.3	optimization	0.0
0/40/004=		005			market	
9/18/2017	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
9/18/2017	WHEATL & LNDEIL	PGAE	Sierra	1.5	market	0.0
9/10/2017	WHEATL_6_LNDFIL	PGAE	Sierra	1.5	optimization market	0.0
9/19/2017	ANZA_6_SOLAR1	SDGE		1.1	optimization	0.0
0/10/2017	744274_0_0027444	- ODOL			market	0.0
9/19/2017	AVENAL 6 AVPARK	PGAE	Fresno	3.9	optimization	0.0
					market	
9/19/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
					market	
9/19/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
					market	
9/19/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
0/40/0047	AVENIAL O OLINOTY	DOAF	F	40.0	market	0.0
9/19/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
9/19/2017	CALPSS 6 SOLAR1	SDGE		3.0	market optimization	0.0
9/19/2017	CALF33_0_3OLAR1	SDGE	CAISO	3.0	market	0.0
9/19/2017	CARBOU 7 UNIT 1	PGAE	System	14.0	optimization	0.0
3, 13, 2011	<u> </u>	. 5, (2	San	7 1.5	market	0.0
9/19/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	-
9/19/2017	COPMT4_2_SOLAR4	SCE	System	0.3	optimization	0.0
			CAISO		market	
9/19/2017	GONZLS_6_UNIT	PGAE	System	1.4	optimization	0.0
0/40/224=	0010174 0 001 10	DC 1 =	0:		market	
9/19/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA MW		award
				IVIVV	market	
9/19/2017	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.5	optimization	0.0
3/13/2017	110WDFT _1_0WT105_2	TOAL	Tidilibolat	4.5	market	0.0
9/19/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
07.1072011		1 0/12		0.0	market	0.0
9/19/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.8	optimization	0.0
					market	
9/19/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
			CAISO		market	
9/19/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
0/00/0047	ANZA C COLADA	CDOE		4.4	market	0.0
9/20/2017	ANZA_6_SOLAR1	SDGE		1.1	optimization	0.0
9/20/2017	AVENAL 6 AVPARK	PGAE	Fresno	3.9	market optimization	0.0
9/20/2017	AVENAL_O_AVEANN	FOAL	1 163110	3.9	market	0.0
9/20/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
0/20/2011	7.(V = 1.0, (= _ 0 _), (V = = 1.1)	1 0/12		0.2	market	0.0
9/20/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
					market	
9/20/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
					market	
9/20/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
0/00/0047	041 500 0 001 454	0005		0.0	market	0.0
9/20/2017	CALPSS_6_SOLAR1	SDGE	Con	3.0	optimization	0.0
9/20/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
9/20/2017	CNTNEA_2_SOLAR2	SDGL	CAISO	3.0	market	0.0
9/20/2017	COPMT4_2_SOLAR4	SCE	System	0.3	optimization	0.0
0/20/2011			- Cycle	0.0	market	0.0
9/20/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
9/20/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/20/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
0/00/0047	LILIMPDD C LINITS O	DOAE	l li waa la a lalt	4.5	market	0.0
9/20/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization market	0.0
9/20/2017	NOVATO 6 LNDFL	PGAE		3.7	optimization	0.0
3/20/2017	NOVATO_O_LINDI L	TOAL	CAISO	3.7	market	0.0
9/20/2017	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
			CAISO		market	
9/20/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
					market	
9/20/2017	SANTGO_2_LNDFL1	SCE	LA Basin	12.3	optimization	0.0
0/00/0047	MODUTO 7 MACNOY	DC 4 F		2.5	market	0.0
9/20/2017	WRGHTP_7_AMENGY	PGAE	Fresno	0.5	optimization	0.0
9/21/2017	ANZA 6 SOLAR1	SDGE		1.0	market optimization	0.0
5/21/2017	MILA_O_OOLANI	JODGE		1.0	market	0.0
9/21/2017	AVENAL 6 AVPARK	PGAE	Fresno	3.9	optimization	0.0
				2.2	market	
9/21/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource		Area	RA	reason	award
				MW		
					market	
9/21/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
0/04/0047	AVENIAL C CANDOC	DOAE		40.5	market	0.0
9/21/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization market	0.0
9/21/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
3/21/2017	AVENAL_0_GGNGTT	1 OAL	1103110	10.2	market	0.0
9/21/2017	BOGUE_1_UNITA1	PGAE	Sierra	2.6	optimization	0.0
					market	
9/21/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
					market	
9/21/2017	CHWCHL_1_UNIT	PGAE	Fresno	10.9	optimization	0.0
0/24/2017	CNITNI A 2 COLAD2	CDCE	San Diago IV	F 0	market	0.0
9/21/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization market	0.0
9/21/2017	COPMT4_2_SOLAR4	SCE	System	0.1	optimization	0.0
0,21,2011	001 MT 1 <u>_</u> 0025 MT	002	- Cyclom	011	market	0.0
9/21/2017	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	optimization	0.0
					market	
9/21/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
0/04/004=		5045			market	
9/21/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
9/21/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
9/21/2017	HOMBER_0_UNITS_2	FGAL	Humbolat	4.5	market	0.0
9/21/2017	HUMBPP 6 UNITS 3	PGAE	Humboldt	6.8	optimization	0.0
3, 2, 1, 2, 3, 1,		1 21.2			market	
9/21/2017	KELSO_2_UNITS_4	PGAE	Bay Area	7.1	optimization	0.0
			San		market	
9/21/2017	PIOPIC_2_CTG1	SDGE	Diego-IV	0.7	optimization	0.0
0/04/0047	DIODIC O CTCO	CDOE	San	0.0	market	0.0
9/21/2017	PIOPIC_2_CTG3	SDGE	Diego-IV CAISO	0.9	optimization market	0.0
9/21/2017	REDBLF_6_UNIT	PGAE	System	12.9	optimization	0.0
3/21/2011	REBBEI _0_0IVII	1 O/LL	Cystem	12.0	market	0.0
9/21/2017	TULLCK_7_UNITS	NCPA	Stockton	13.7	optimization	0.0
					market	
9/21/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
0/04/0047	VIIDAGT G LINUTAA	DO 4 E	0:	4.0	market	0.0
9/21/2017	YUBACT_6_UNITA1	PGAE	Sierra	1.6	optimization market	0.0
9/22/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
3/22/2017	ANZA_O_OOLAKI	ODOL		1.0	market	0.0
9/22/2017	AVENAL 6 AVPARK	PGAE	Fresno	3.9	optimization	0.0
					market	
9/22/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
0/00/05:=	AN/ENIAL O AN/O: 5 5				market	
9/22/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
9/22/2017	AVENAL 6 SANDDG	PGAE	Fresno	12.5	market optimization	0.0
312212011	AVENAL_U_SANDUG	FGAE	1-169110	12.3	market	0.0
9/22/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
					market	
9/22/2017	BOGUE_1_UNITA1	PGAE	Sierra	2.6	optimization	0.0
0/00/0047	CALDES C SOLADA	CDCE		2.0	market	0.0
9/22/2017	CALPSS_6_SOLAR1	SDGE	San	3.0	optimization market	0.0
9/22/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
3/22/2011	ONTINEA_2_OOEAN2	ODOL	CAISO	3.0	market	0.0
9/22/2017	COPMT4_2_SOLAR4	SCE	System	0.1	optimization	0.0
					market	
9/22/2017	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	optimization	0.0
					market	
9/22/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
0/00/0047	LILIMADDD 4 LINITCO 0		I I was be a balk	4.5	market	0.0
9/22/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization market	0.0
9/22/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
3/22/2017	110WB11_0_014110_2	1 0/12	Tidilibolat	7.0	market	0.0
9/22/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.9	optimization	0.0
			Big		'	
			Creek-		market	
9/22/2017	RECTOR_7_TULARE	SCE	Ventura	0.8	optimization	0.0
			CAISO		market	
9/22/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
9/22/2017	TRNOLT 2 SOLAR	PGAE	Fresno	15.4	market	0.0
9/22/2017	TRNQLT_2_SOLAR	PGAE	riesiio	13.4	optimization market	0.0
9/22/2017	WRGHTP 7 AMENGY	PGAE	Fresno	0.6	optimization	0.0
0,12,2011		1 0/12	1.00.10	0.0	market	0.0
9/23/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
9/23/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
0/00/0047	AVENAL O AVOLDA	DO 4 E		5.0	market	0.0
9/23/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
9/23/2017	AVENAL_6_AVSLR2	PGAE		5.2	market optimization	0.0
3/23/2011	AVEIVAL_O_AVOLINZ	TOAL		0.2	market	0.0
9/23/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
					market	
9/23/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
					market	
9/23/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
0/22/2017	CHEVMN 2 UNITS	SCE	LA Basin	5.5	market	0.0
9/23/2017	CHEVIVIN_2_UNITS	SCE	San	5.5	optimization market	0.0
9/23/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
3,23,2011		5502	CAISO	0.0	market	0.0
9/23/2017	COPMT4_2_SOLAR4	SCE	System	29.0	optimization	0.0
					market	
9/23/2017	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	optimization	0.0
0/00/00:=	00N71000100		CAISO		market	
9/23/2017	GONZLS_6_UNIT	PGAE	System	1.4	optimization	0.0

9/23/2017 GRIDLY_6_SOLAR PGAE Sierra 9/23/2017 HUMBPP_1_UNITS3_2 PGAE Humboldt 9/23/2017 HUMBPP_6_UNITS_3 PGAE Humboldt CAISO	0.1 4.5	market optimization market	award 0.0
9/23/2017 HUMBPP_1_UNITS3_2 PGAE Humboldt 9/23/2017 HUMBPP_6_UNITS_3 PGAE Humboldt	0.1 4.5	optimization market	0.0
9/23/2017 HUMBPP_1_UNITS3_2 PGAE Humboldt 9/23/2017 HUMBPP_6_UNITS_3 PGAE Humboldt	4.5	optimization market	0.0
9/23/2017 HUMBPP_1_UNITS3_2 PGAE Humboldt 9/23/2017 HUMBPP_6_UNITS_3 PGAE Humboldt	4.5	market	0.0
9/23/2017 HUMBPP_6_UNITS_3 PGAE Humboldt			
9/23/2017 HUMBPP_6_UNITS_3 PGAE Humboldt		optimization	0.0
	6.8	market	
CVICO	0.0	optimization	0.0
CAISO		market	
9/23/2017 REDBLF_6_UNIT PGAE System	5.6	optimization	0.0
CAISO		market	
9/23/2017 SPQUIN_6_SRPCQU PGAE System	0.3	optimization	0.0
0/04/0047 ANZA C COLADA	4.0	market	0.0
9/24/2017 ANZA_6_SOLAR1 SDGE	1.0	optimization	0.0
9/24/2017 AVENAL 6 AVPARK PGAE Fresno	3.9	market optimization	0.0
9/24/2017 AVENAL_O_AVEARR FOAL TIESHO	3.9	market	0.0
9/24/2017 AVENAL_6_AVSLR1 PGAE	5.2	optimization	0.0
5/2 1/2 1/1 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1		market	0.0
9/24/2017 AVENAL_6_AVSLR2 PGAE	5.2	optimization	0.0
		market	
9/24/2017 AVENAL_6_SANDDG PGAE Fresno	12.5	optimization	0.0
		market	
9/24/2017 AVENAL_6_SUNCTY PGAE Fresno	13.2	optimization	0.0
0/04/0047	0.0	market	0.0
9/24/2017 CALPSS_6_SOLAR1 SDGE	3.0	optimization	0.0
9/24/2017 CNTNLA_2_SOLAR2 SDGE Diego-IV	5.0	market optimization	0.0
CAISO	3.0	market	0.0
9/24/2017 COPMT4_2_SOLAR4 SCE System	0.1	optimization	0.0
5/2 // 2011		market	0.0
9/24/2017 CSTOGA_6_LNDFIL PGAE NCNB	0.6	optimization	0.0
		market	
9/24/2017 GRIDLY_6_SOLAR PGAE Sierra	0.1	optimization	0.0
		market	
9/24/2017 HUMBPP_1_UNITS3_2 PGAE Humboldt	3.8	optimization	0.0
0/04/0047	4.5	market	0.0
9/24/2017 HUMBPP_6_UNITS_2 PGAE Humboldt	4.5	optimization market	0.0
9/24/2017 KELSO_2_UNITS_4 PGAE Bay Area	3.7	optimization	0.0
CAISO	5.7	market	0.0
9/24/2017 PNCHEG_2_PL1X4_4 PGAE System	20.0	optimization	0.0
CAISO		market	
9/24/2017 REDBLF_6_UNIT PGAE System	5.6	optimization	0.0
CAISO		market	
9/24/2017 SPQUIN_6_SRPCQU PGAE System	0.3	optimization	0.0
0/04/0047 WALODIA 0 0704		market	
9/24/2017 WALCRK_2_CTG4 SCE LA Basin	0.5	optimization	0.0
9/25/2017 ANZA 6 SOLAR1 SDGE	1.0	market	0.0
9/25/2017 ANZA_6_SOLAR1 SDGE	1.0	optimization market	0.0
9/25/2017 AVENAL_6_AVPARK PGAE Fresno	3.9	optimization	0.0
7.2.7.2.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7	5.5	market	0.0
9/25/2017 AVENAL_6_AVSLR1 PGAE	5.2	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Dato	resource	000	Area	RA	rteason	award
				MW		
					market	
9/25/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
0/25/2017	AVENAL & SANDDO	PGAE	France	10.5	market	0.0
9/25/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization market	0.0
9/25/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
0/20/2017	7.4.5.14.15.5.5.5.14.5.1	1 0/12	CAISO	10.2	market	0.0
9/25/2017	BLACK_7_UNIT 1	PGAE	System	30.0	optimization	0.0
					market	
9/25/2017	BOGUE_1_UNITA1	PGAE	Sierra	2.6	optimization	0.0
0/07/00/		0005			market	
9/25/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
9/25/2017	CHWCHL_1_UNIT	PGAE	Fresno	12.8	market optimization	0.0
9/23/2017	CHWCHL_1_ONT	FGAL	San	12.0	market	0.0
9/25/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0,00,00			CAISO		market	
9/25/2017	COPMT4_2_SOLAR4	SCE	System	0.1	optimization	0.0
					market	
9/25/2017	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	optimization	0.0
0/05/0047	ODIDLY C COLAD	DOAE	0:	0.4	market	0.0
9/25/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization market	0.0
9/25/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
3/23/2017	1101110111 _0_011110_2	I OAL	San	7.0	market	0.0
9/25/2017	PIOPIC_2_CTG1	SDGE	Diego-IV	1.0	optimization	0.0
			CAISO		market	
9/25/2017	REDBLF_6_UNIT	PGAE	System	26.9	optimization	0.0
0/07/00/		005			market	
9/25/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
9/25/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
9/23/2017	WALCKK_Z_C1G5	SCE	LA Dasiii	0.7	market	0.0
9/25/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
				0.0	market	
9/25/2017	YUBACT_6_UNITA1	PGAE	Sierra	1.5	optimization	0.0
					market	
9/26/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
0/26/2017	AVENAL & AVDADIZ	DCAE	France	2.0	market	0.0
9/26/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization market	0.0
9/26/2017	AVENAL 6 AVSLR1	PGAE		5.2	optimization	0.0
0/20/2017	7.(VE)(V.E_0_)(VOE)()	1 0/12		0.2	market	0.0
9/26/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
					market	
9/26/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
0/00/0047	AVENIAL O OUNOTY	DC 4 F		40.0	market	2.0
9/26/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
9/26/2017	CALPSS 6 SOLAR1	SDGE		3.0	market optimization	0.0
312012011	OALI OO_U_OOLAN I	3000	San	3.0	market	0.0
9/26/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	recoding		Area	RA	rtodoon	award
				MW		
			CAISO		market	
9/26/2017	COPMT4_2_SOLAR4	SCE	System	0.1	optimization	0.0
					market	
9/26/2017	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	optimization	0.0
0/00/0047	000171.0.0.11017	DO 4 F	CAISO		market	0.0
9/26/2017	GONZLS_6_UNIT	PGAE	System	1.4	optimization market	0.0
9/26/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
3/20/2011	CRIBET_0_GGEAR	1 OAL	CAISO	0.1	market	0.0
9/26/2017	GRNVLY_7_SCLAND	PGAE	System	1.9	optimization	0.0
0, 0, 0, 0, 0					market	
9/26/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.1	optimization	0.0
			San		market	
9/26/2017	PIOPIC_2_CTG2	SDGE	Diego-IV	2.1	optimization	0.0
0/00/00/	55555555	5045	CAISO		market	
9/26/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
9/26/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
9/20/2017	WALCKK_Z_CTGT	SCE	LA Dasiii	0.4	market	0.0
9/27/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
0/21/2011	7 ii (L) (_0_0_0 L) ii (i	0000		110	market	0.0
9/27/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
					market	
9/27/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
					market	
9/27/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
9/27/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	market optimization	0.0
3/21/2011	AVEIVAE_0_SAINDDS	TOAL	1 163110	12.0	market	0.0
9/27/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
0,_1,_0,1			San		market	
9/27/2017	BORDER_6_UNITA1_1X1	SDGE	Diego-IV	21.0	optimization	0.0
					market	
9/27/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
0/07/0047	OLDA/OLD 4 LINUT	DO 4 E	_	44.0	market	0.0
9/27/2017	CHWCHL_1_UNIT	PGAE	Fresno San	11.8	optimization market	0.0
9/27/2017	CNTNLA 2 SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
3/21/2011	CITITIEA_2_SOEAR2	JODGE	CAISO	3.0	market	0.0
9/27/2017	COPMT4_2_SOLAR4	SCE	System	0.1	optimization	0.0
					market	
9/27/2017	DIXNLD_1_LNDFL	PGAE	Bay Area	0.8	optimization	0.0
					market	
9/27/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
0/07/0047	LILIMBDD 4 LINITOS S	DC A E	الدادة والموريال		market	0.0
9/27/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt CAISO	4.1	optimization market	0.0
9/27/2017	PNCHEG_2_PL1X4_4	PGAE	System	16.0	optimization	0.0
5,21,2011	<u></u>	. 0, (CAISO	10.0	market	0.0
9/27/2017	REDBLF_6_UNIT	PGAE	System	19.9	optimization	0.0
					market	
9/27/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
0/07/0047	WALCOK 2 CTC2	COF	I A Danin	0.0	market	0.0
9/27/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization market	0.0
9/28/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
3/20/2017	ANZA_0_SOLART	JOOL		1.0	market	0.0
9/28/2017	AVENAL 6 AVPARK	PGAE	Fresno	3.9	optimization	0.0
0/20/2011			1.00.10	0.0	market	0.0
9/28/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
					market	
9/28/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
					market	
9/28/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization	0.0
0/00/0047	AVENIAL C CLINICTY	DOAE	F	40.0	market	0.0
9/28/2017	AVENAL_6_SUNCTY	PGAE	Fresno San	13.2	optimization	0.0
9/28/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	market optimization	0.0
3/20/2017	BONDEN_0_0NTAT_2XT	JDGL	Diego-iv	44.0	market	0.0
9/28/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
0,00,00			San		market	
9/28/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
9/28/2017	COPMT4_2_SOLAR4	SCE	System	89.9	optimization	0.0
					market	
9/28/2017	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	optimization	0.0
0/20/2017	CDIDLY 6 SOLAD	PGAE	Ciorro	0.1	market	0.0
9/28/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization market	0.0
9/28/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
0/20/2011		1 O/ LE	Tidilibolat	1.0	market	0.0
9/28/2017	HUMBPP 1 UNITS3 3	PGAE	Humboldt	10.4	optimization	0.0
					market	
9/28/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	optimization	0.0
					market	
9/28/2017	LMBEPK_2_UNITA2	PGAE	Bay Area	0.4	optimization	0.0
0/00/0047	DIODIC 2 CTC2	CDCE	San	2.4	market	0.0
9/28/2017	PIOPIC_2_CTG2	SDGE	Diego-IV CAISO	3.1	optimization market	0.0
9/28/2017	PNCHEG 2 PL1X4 4	PGAE	System	16.0	optimization	0.0
3/20/2011	THORIES_Z_FETX4_4	1 O/L	CAISO	10.0	market	0.0
9/28/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
			CAISO		market	
9/28/2017	SANLOB_1_LNDFIL	PGAE	System	1.4	optimization	0.0
			CAISO		market	
9/28/2017	SPBURN_2_UNIT 1	PGAE	System	1.3	optimization	0.0
0/00/0047	WALCOK O OTO4	005	 	0.4	market	0.0
9/28/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
9/28/2017	WALCRK 2 CTG2	SCE	LA Basin	0.9	market optimization	0.0
3/20/2017	VV/\LOR_Z_OTOZ	JOL	בת שמאווו	0.9	market	0.0
9/28/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
					market	
9/28/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW	market	
9/29/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
3/23/2017	ANZA_0_OOLAKI	ODGL		1.0	market	0.0
9/29/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
_					market	
9/29/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
					market	
9/29/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
0/20/2017	AVENAL C CANDOC	DCAE	Гиссия	40.5	market	0.0
9/29/2017	AVENAL_6_SANDDG	PGAE	Fresno	12.5	optimization market	0.0
9/29/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
0/20/2011	7.4.5.17.15.25.25.11.5.1	1 O/LE	1100110	10.2	market	0.0
9/29/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
9/29/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
9/29/2017	COPMT4_2_SOLAR4	SCE	System	0.1	optimization	0.0
9/29/2017	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	market optimization	0.0
9/29/2017	CSTOGA_6_LNDFIL	PGAE	INCIND	0.6	market	0.0
9/29/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
0/20/2011		1 0/12	Ciona	0.1	market	0.0
9/29/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	3.7	optimization	0.0
					market	
9/29/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	3.0	optimization	0.0
0/00/0047	LULINADDD O LINUTO O	DOAE	11	4.5	market	0.0
9/29/2017	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization market	0.0
9/29/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
3/23/2011		TOAL	CAISO	0.0	market	0.0
9/29/2017	REDBLF 6 UNIT	PGAE	System	5.6	optimization	0.0
_					market	
9/29/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
					market	
9/29/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
9/29/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
9/29/2017	WALCKK_2_C1G4	SCE	LA Dasiii	0.5	market	0.0
9/30/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
0,00,2011	-				market	0.0
9/30/2017	AVENAL_6_AVPARK	PGAE	Fresno	3.9	optimization	0.0
					market	
9/30/2017	AVENAL_6_AVSLR1	PGAE		5.2	optimization	0.0
0/00/0047	A)/ENIAL C A)/OLDO	DC 4.5			market	0.0
9/30/2017	AVENAL_6_AVSLR2	PGAE		5.2	optimization	0.0
9/30/2017	AVENAL 6 SANDDG	PGAE	Fresno	12.5	market optimization	0.0
5,55,2017	/ (, OAL	1 100110	12.0	market	0.0
9/30/2017	AVENAL_6_SUNCTY	PGAE	Fresno	13.2	optimization	0.0
	<u> </u>		-		market	
9/30/2017	BIOMAS_1_UNIT 1	PGAE	Sierra	0.3	optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
9/30/2017	CALPSS 6 SOLAR1	SDGE		3.0	market optimization	0.0
0,00,2011	07121 00_0_00271111	0002		0.0	market	0.0
9/30/2017	CENTER_2_QF	SCE	LA Basin	4.1	optimization	0.0
			San		market	
9/30/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
9/30/2017	COPMT4_2_SOLAR4	SCE	System	25.5	optimization	0.0
9/30/2017	CSTOCA 6 LNDEII	PGAE	NCNB	0.3	market optimization	0.0
9/30/2017	CSTOGA_6_LNDFIL	FGAE	INCIND	0.3	market	0.0
9/30/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
9/30/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/30/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
0/00/0047		DO 4 E		0.0	market	0.0
9/30/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	6.8
9/30/2017	HUMBPP 6 UNITS 2	PGAE	Humboldt	3.9	market optimization	0.0
3/00/2011		1 O/L	Tidilibolat	0.0	market	0.0
9/30/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
9/30/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	6.8
0/00/00:-			CAISO	40 :	market	
9/30/2017	PARDEB_6_UNITS	PGAE	System	12.1	optimization	0.0
9/30/2017	PNCHEG 2 PL1X4 4	PGAE	CAISO System	20.0	market optimization	0.0
3/30/2017	FINGITEG_2_FLTA4_4	FGAE	CAISO	20.0	market	0.0
9/30/2017	SANLOB_1_LNDFIL	PGAE	System	1.5	optimization	0.0