

## Non Resource Adequacy Capacity Report

December 2017

**CAISO Market Quality and Renewable Integration** 

**January 10, 2017** 

## TABLE OF CONTENTS

Introduction	3
The Content of the Non RA Capacity Report	_
LIST OF TABLES AND FIGURES	
Table 1: Non RA Capacity in December 2017	5

## 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 10<sup>th</sup> of each month with data for the prior month. The ISO will publish the report on the first business day following the 10<sup>th</sup> whenever the 10<sup>th</sup> falls on a weekend or holiday. This report provides the following information for non-RA capacity for the month of December 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 December 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 December 2017

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA MW		award
				IVIVV	market	
12/1/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
12/1/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
12/1/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
40/4/2047	CODMTS S COLARS	COE	CAISO	2.4	market	0.0
12/1/2017	COPMT2_2_SOLAR2	SCE	System CAISO	2.1	optimization market	0.0
12/1/2017	COPMT4_2_SOLAR4	SCE	System	19.7	optimization	0.0
12/1/2017	001 W14_2_00LAK4	JOOL	CAISO	13.7	market	0.0
12/1/2017	COPMTN 2 CM10	SCE	System	1.8	optimization	0.0
					market	
12/1/2017	GLNARM_7_UNIT 3	PASA	LA Basin	18.0	optimization	0.0
					market	
12/1/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.2	optimization	0.0
10/1/00/-		5015	l		market	
12/1/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
10/1/2017	LILIMPDD 4 LINITS2 2	DCAE	Llumbaldt	6.0	market	0.0
12/1/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization market	0.0
12/1/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
12/1/2017	1101110111 _0_011110_0	1 O/L	San	0.0	market	0.0
12/1/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	1.7	optimization	0.0
			San		market	
12/1/2017	MRGT_6_MEF2	SDGE	Diego-IV	45.0	optimization	0.0
			San		market	
12/1/2017	MRGT_6_MMAREF	SDGE	Diego-IV	45.0	optimization	0.0
40/4/0047	14001 45 0 001 454	0005	CAISO	0.5	market	0.0
12/1/2017	MSOLAR_2_SOLAR1	SDGE	System CAISO	0.5	optimization	0.0
12/1/2017	MSOLAR_2_SOLAR3	SDGE	System	0.6	market optimization	0.0
12/1/2017	WSOLAR_2_SOLARS	SDGE	CAISO	0.6	market	0.0
12/1/2017	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
			CAISO		market	
12/1/2017	PNCHEG_2_PL1X4_1	PGAE	System	75.3	optimization	0.0
			CAISO		market	
12/1/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
			CAISO		market	
12/1/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
10/1/2017	CANLOR 1 INDE	DC A E	CAISO	4 4	market	0.0
12/1/2017	SANLOB_1_LNDFIL	PGAE	System	1.4	optimization market	0.0
12/1/2017	SGREGY_6_SANGER	PGAE	Fresno	1.0	optimization	0.0
12/1/2017	CONCOT_C_OFINOLIN	I OAL	1 100110	1.0	market	0.0
12/2/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
			San		market	
12/2/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
	1.0004100	020	Area	RA	11000011	award
				MW		
					market	
12/2/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
40/0/0047	CNITNII A O COL ADO	0005	San	<b>5</b> 0	market	0.0
12/2/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization market	0.0
12/2/2017	COPMT2_2_SOLAR2	SCE	System	1.9	optimization	0.0
12/2/2017	COLMITZ_Z_OOLANZ	JOL	CAISO	1.5	market	0.0
12/2/2017	COPMT4_2_SOLAR4	SCE	System	20.4	optimization	0.0
			CAISO		market	
12/2/2017	COPMTN_2_CM10	SCE	System	1.8	optimization	0.0
					market	
12/2/2017	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
10/0/0017	LILIMDDD 4 LINITC2 2	PGAE	Humboldt	4.0	market optimization	0.0
12/2/2017	HUMBPP_1_UNITS3_2	PGAE	Пипројаг	4.0	market	0.0
12/2/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
12/2/2011		1 0/12	Trambolat	0.0	market	0.0
12/2/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	8.1	optimization	0.0
			San		market	
12/2/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	2.9	optimization	0.0
10/0/001=		014/50		40.0	market	
12/2/2017	MOJAVE_1_SIPHON	CWRS	LA Basin	13.0	optimization	0.0
12/2/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
12/2/2017	MKG1_0_WEF2	SDGE	San	40.0	market	0.0
12/2/2017	MRGT 6 MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
			CAISO		market	
12/2/2017	MSOLAR_2_SOLAR1	SDGE	System	2.2	optimization	0.0
			CAISO		market	
12/2/2017	MSOLAR_2_SOLAR3	SDGE	System	19.2	optimization	0.0
40/0/0047	DNOLIEC O DLAVA A	DOAE	CAISO	204.0	market	0.0
12/2/2017	PNCHEG_2_PL1X4_4	PGAE	System	301.3	optimization market	0.0
12/2/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno	5.4	optimization	0.0
12/2/2017	11101111_1_1_1	1 O/L	CAISO	0.4	market	0.0
12/2/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
					market	
12/2/2017	RVSIDE_2_RERCU3	RVSD	LA Basin	0.5	optimization	0.0
10/0/0017	DVOIDE & DEDOUG	D) (OD		0.4	market	0.0
12/2/2017	RVSIDE_6_RERCU2	RVSD	LA Basin	0.1	optimization	0.0
12/2/2017	SANLOB 1 LNDFIL	PGAE	CAISO System	1.4	market optimization	0.0
12/2/2017	OANLOD_1_LINDI IL	TOAL	Oystern	1.4	market	0.0
12/2/2017	VISTA_6_QF	SCE	LA Basin	0.0	optimization	0.0
	<del>_</del> ·		-		market	
12/2/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
10/2/22	WW 001/ - 000	00-			market	
12/2/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
12/3/2017	ANZA 6 SOLAR1	SDGE		1.0	market	0.0
12/3/2017	MINZA_U_SULAK I	SDGE		1.0	optimization market	0.0
12/3/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource		Area	RA	Reason	award
				MW		
			San		market	
12/3/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
12/3/2017	CODMT2 2 SOLAB2	SCE	CAISO	1.6	market optimization	0.0
12/3/2017	COPMT2_2_SOLAR2	SCE	System CAISO	1.0	market	0.0
12/3/2017	COPMT4_2_SOLAR4	SCE	System	22.6	optimization	0.0
12/0/2011			CAISO		market	0.0
12/3/2017	COPMTN_2_CM10	SCE	System	1.5	optimization	0.0
					market	
12/3/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
40/0/0047	LILIMBDD 4 LINITOO 0	DOAF	I loves be a late	0.0	market	0.0
12/3/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.0	optimization market	0.0
12/3/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.0	optimization	0.0
12/0/2011		1 O/ (L	San	0.0	market	0.0
12/3/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	1.7	optimization	0.0
			San		market	
12/3/2017	LAROA2_2_UNITA1	SDGE	Diego-IV	94.0	optimization	0.0
40/0/0047	MBOT O MEEO	0005	San	45.0	market	0.0
12/3/2017	MRGT_6_MEF2	SDGE	Diego-IV CAISO	45.0	optimization	0.0
12/3/2017	MSOLAR_2_SOLAR1	SDGE	System	2.1	market optimization	0.0
12/3/2017	WOOLAIN_Z_GOLAINI	JODGE	San	2.1	market	0.0
12/3/2017	PIOPIC 2 CTG2	SDGE	Diego-IV	9.3	optimization	0.0
			San		market	
12/3/2017	PIOPIC_2_CTG3	SDGE	Diego-IV	7.9	optimization	0.0
40/0/0047	DNOUES & DLAVA &	DO 4 F	CAISO	0040	market	0.0
12/3/2017	PNCHEG_2_PL1X4_2	PGAE	System CAISO	204.0	optimization market	0.0
12/3/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
12/3/2011	1101120_2_1 2174_4	TOAL	CAISO	401.0	market	0.0
12/3/2017	REDBLF 6 UNIT	PGAE	System	5.6	optimization	0.0
					market	
12/3/2017	TRNQLT_2_SOLAR	PGAE	Fresno	130.5	optimization	0.0
10/1/00/17		0005			market	
12/4/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
12/4/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
12/4/2017	CALI GO_U_GOLAICI	JODGE	San	3.0	market	0.0
12/4/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
12/4/2017	COPMT2_2_SOLAR2	SCE	System	2.0	optimization	0.0
40/4/05:-	0000474 0 004 17 1	00=	CAISO		market	
12/4/2017	COPMT4_2_SOLAR4	SCE	System	1.7	optimization	0.0
12/4/2017	COPMTN_2_CM10	SCE	CAISO System	1.6	market optimization	0.0
12/4/2017	OOT WITH _Z_OWITU	30E	Gystelli	1.0	market	0.0
12/4/2017	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	optimization	0.0
	= =				market	
12/4/2017	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
40/4/05:-	OLALABAA = 11111= 1	D. C.			market	
12/4/2017	GLNARM_7_UNIT 4	PASA	LA Basin	4.1	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Bate	110000100		Area	RA	reason	award
				MW		
					market	
12/4/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.2	optimization	0.0
12/4/2017	GRNLF2_1_UNIT	PGAE	Sierra	20.2	market optimization	0.0
12/4/2017	GRINLFZ_1_UNIT	FGAL	Sierra	20.2	market	0.0
12/4/2017	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.5	optimization	0.0
		. 07.1			market	0.0
12/4/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
12/4/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
40/4/0047	LILIMADED C. LINITO 4	DOAE	l le con la allalé	0.4	market	0.0
12/4/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt San	9.1	optimization	0.0
12/4/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	2.5	market optimization	0.0
12/4/2017	TVOLICI _Z_OOLAICI	ODOL	San	2.0	market	0.0
12/4/2017	MRGT_6_MEF2	SDGE	Diego-IV	40.0	optimization	0.0
			CAISO		market	
12/4/2017	MSOLAR_2_SOLAR1	SDGE	System	2.3	optimization	0.0
			CAISO		market	
12/4/2017	NHOGAN_6_UNITS	PGAE	System	2.0	optimization	0.0
40/4/0047	ORIND C COLARA	DCAE	CAISO	0.4	market	0.0
12/4/2017	ORLND_6_SOLAR1	PGAE	System San	0.1	optimization market	0.0
12/4/2017	PIOPIC 2 CTG1	SDGE	Diego-IV	6.7	optimization	0.0
12/4/2017	110110_2_0101	ODOL	CAISO	0.7	market	0.0
12/4/2017	PNCHEG_2_PL1X4_1	PGAE	System	75.3	optimization	0.0
			CAISO		market	
12/4/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
40/4/0047	DEDDLE & LINUT	DO 4 E	CAISO	- 0	market	0.0
12/4/2017	REDBLF_6_UNIT	PGAE	System CAISO	5.6	optimization	0.0
12/4/2017	SANLOB 1 LNDFIL	PGAE	System	1.4	market optimization	0.0
12/4/2017	SANLOB_1_LINDI IL	FUAL	System	1.4	market	0.0
12/4/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
	<u> </u>				market	
12/4/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
					market	
12/4/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
12/4/2017	YUBACT_6_UNITA1	PGAE	Sierra	1.6	market optimization	0.0
12/4/2017	TUBACT_0_UNITAT	PGAE	Sierra	1.0	market	0.0
12/5/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
, 0, _ 0		0202	San		market	0.0
12/5/2017	BORDER_6_UNITA1_1X1	SDGE	Diego-IV	21.0	optimization	0.0
					market	
12/5/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
10/5/0047	CNITNI A O COLADO	2005	San Diago IV		market	0.0
12/5/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization	0.0
12/5/2017	COPMT2_2_SOLAR2	SCE	System	0.4	market optimization	0.0
12/0/2017	OCT WITE_E_OOLANZ	JUL	CAISO	0.4	market	0.0
12/5/2017	COPMT4_2_SOLAR4	SCE	System	20.3	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource		Area	RA	rcason	award
				MW		
			CAISO		market	
12/5/2017	COPMTN_2_CM10	SCE	System	1.7	optimization	0.0
			Big Creek-		market	
12/5/2017	GOLETA_2_QF	SCE	Ventura	0.1	optimization	0.0
12/0/2017	<u> </u>	OOL	Ventura	0.1	market	0.0
12/5/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
12/5/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
	<u></u>				market	
12/5/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	11.5	optimization	0.0
12/5/2017	HUMBPP_6_UNITS_5	PGAE	Humboldt	11.4	market optimization	0.0
12/3/2017	HOMBER_0_ONTIS_5	FGAL	San	11.4	market	0.0
12/5/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	22.4	optimization	0.0
					market	
12/5/2017	KERKH1_7_UNIT 3	PGAE	Fresno	11.6	optimization	0.0
			CAISO		market	
12/5/2017	MSOLAR_2_SOLAR1	SDGE	System	1.3	optimization	0.0
40/5/0047	M001 AD 0 001 AD0	0005	CAISO		market	0.0
12/5/2017	MSOLAR_2_SOLAR3	SDGE	System	1.4	optimization	0.0
12/5/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.1	market optimization	0.0
12/3/2017	OKLIND_0_SOLAKT	FUAL	San	0.1	market	0.0
12/5/2017	PIOPIC_2_CTG2	SDGE	Diego-IV	8.5	optimization	0.0
			San		market	010
12/5/2017	PIOPIC_2_CTG3	SDGE	Diego-IV	3.3	optimization	0.0
			CAISO		market	
12/5/2017	PNCHEG_2_PL1X4_1	PGAE	System	75.3	optimization	0.0
40/5/0047	DNCHEC 2 DIAVA 2	DCAE	CAISO	200.0	market	0.0
12/5/2017	PNCHEG_2_PL1X4_3	PGAE	System CAISO	306.0	optimization market	0.0
12/5/2017	PNCHEG 2 PL1X4 4	PGAE	System	401.0	optimization	0.0
12/3/2017	11101120_2_1 2174_4	TOAL	CAISO	401.0	market	0.0
12/5/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
_					market	
12/5/2017	RVSIDE_6_RERCU2	RVSD	LA Basin	0.1	optimization	0.0
			CAISO		market	
12/5/2017	SANLOB_1_LNDFIL	PGAE	System	1.4	optimization	0.0
12/5/2017	SANTGO 2 LNDFL1	SCE	LA Basin	12.0	market	0.0
12/3/2017	SANTGO_2_LINDFLT	SCE	LA DaSIII	12.0	optimization market	0.0
12/5/2017	SCHLTE 1 PL1X3 2X1DF	PGAE	Stockton	0.7	optimization	0.0
, 0, _ 0 . 1			Big	<u> </u>		0.0
			Creek-		market	
12/5/2017	SNCLRA_2_HOWLNG	SCE	Ventura	1.0	optimization	0.0
			Big			
10/5/0047	CNCLDA & DDCCCN	SCE.	Creek-	0.0	market	0.0
12/5/2017	SNCLRA_6_PROCGN	SCE	Ventura Big	0.8	optimization	0.0
			Creek-		market	
12/5/2017	SNCLRA 6 QF	SCE	Ventura	0.8		0.0
12/5/2017	SNCLRA_6_QF	SCE	Ventura	0.8	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			7 00.	MW		G.11-G.1-G
			Big			
			Creek-		market	
12/5/2017	SUNSHN_2_LNDFL	PGAE	Ventura	2.7	optimization	0.0
40/5/0047	TO A DETAIL OF LINES	DOAE	CAISO	0.5	market	0.0
12/5/2017	TOADTW_6_UNIT	PGAE	System	0.5	optimization market	0.0
12/5/2017	TRNQLT_2_SOLAR	PGAE	Fresno	17.8	optimization	0.0
12/0/2017	11(14QE1_2_00E/11(	1 O/LL	1100110	17.0	market	0.0
12/5/2017	USWNDR_2_SMUD2	PGAE	Bay Area	12.7	optimization	0.0
			Big			
			Creek-		market	
12/5/2017	WARNE_2_UNIT	CWRS	Ventura	2.0	optimization	0.0
40/0/0047	ANIZA C COLADA	CDOE			market	0.0
12/6/2017	ANZA_6_SOLAR1	SDGE	San	1.1	optimization market	0.0
12/6/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization	0.0
12/0/2017	BONDEN_0_0NITA1_2X1	SDGL	Diego-iv	44.0	market	0.0
12/6/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
12/6/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
12/6/2017	COPMT2_2_SOLAR2	SCE	System	2.0	optimization	0.0
40/0/0047	CODMITA O COLADA	005	CAISO	0.0	market	0.0
12/6/2017	COPMT4_2_SOLAR4	SCE	System CAISO	2.0	optimization	0.0
12/6/2017	COPMTN_2_CM10	SCE	System	1.5	market optimization	0.0
12/0/2017	001 W111_2_0W10	OOL	Cystem	1.0	market	0.0
12/6/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.0	optimization	0.0
					market	
12/6/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
12/6/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	11.5	optimization	0.0
12/6/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	1.2	market optimization	0.0
12/0/2017	IVSLRF_Z_SOLAR1	SDGE	San	1.2	market	0.0
12/6/2017	MRGT 6 MEF2	SDGE	Diego-IV	40.0	optimization	0.0
			San		market	
12/6/2017	MRGT_6_MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
			CAISO		market	
12/6/2017	MSOLAR_2_SOLAR1	SDGE	System	3.3	optimization	0.0
10/6/0017	MEOLAD 2 COLAD2	CDCE	CAISO	2.0	market	0.0
12/6/2017	MSOLAR_2_SOLAR3	SDGE	System CAISO	3.8	optimization market	0.0
12/6/2017	PNCHEG_2_PL1X4_1	PGAE	System	75.3	optimization	0.0
12,0,2011			CAISO	, 0.0	market	0.0
12/6/2017	PNCHEG_2_PL1X4_2	PGAE	System	204.0	optimization	0.0
			CAISO		market	
12/6/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
10/0/221=	DEDDIE 0 1000	D0:-	CAISO		market	
12/6/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
12/6/2017	SANLOR 1 LAIDEU	PGAE	CAISO	1.4	market	0.0
12/0/2017	SANLOB_1_LNDFIL	PGAE	System	1.4	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
					market	
12/6/2017	SCHLTE_1_PL1X3_2X1DF	PGAE	Stockton	1.1	optimization	0.0
			Big			
12/6/2017	SNCLBA 2 HOWLNC	SCE	Creek- Ventura	5.8	market	0.0
12/0/2017	SNCLRA_2_HOWLNG	SCE	CAISO	5.6	optimization market	0.0
12/6/2017	TOADTW 6 UNIT	PGAE	System	0.4	optimization	0.0
12/0/2011	10/10/10/10/20/201111	1 0/12	Cycloni	0.1	market	0.0
12/6/2017	TRNQLT 2 SOLAR	PGAE	Fresno	0.7	optimization	0.0
					market	
12/6/2017	UNCHEM_1_UNIT	PGAE	Bay Area	3.0	optimization	0.0
					market	
12/7/2017	ANZA_6_SOLAR1	SDGE		1.1	optimization	0.0
40/7/0047	DODDED O LINUTAL OVA	0005	San	40.0	market	0.0
12/7/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	48.0	optimization	0.0
12/7/2017	BOWMN_6_HYDRO	PGAE	Sierra	0.8	market optimization	0.0
12/1/2017	BOWWIN_0_HTDRO	FGAL	Sierra	0.6	market	0.0
12/7/2017	CALPSS 6 SOLAR1	SDGE		3.0	optimization	0.0
12/1/2011	- C. (1.1. C.C.) - C. (1.1. C.C.)	0002	San	0.0	market	0.0
12/7/2017	CHILLS 7 UNITA1	SDGE	Diego-IV	0.4	optimization	0.0
			San		market	
12/7/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
12/7/2017	COPMT2_2_SOLAR2	SCE	System	1.8	optimization	0.0
40/7/0047	CODMITA O COLADA	005	CAISO	4.0	market	0.0
12/7/2017	COPMT4_2_SOLAR4	SCE	System CAISO	1.9	optimization market	0.0
12/7/2017	COPMTN_2_CM10	SCE	System	1.5	optimization	0.0
12/1/2017	COT WITH_2_CIWITO	JOL	San	1.5	market	0.0
12/7/2017	ESCNDO_6_UNITB1_2X1	SDGE	Diego-IV	4.0	optimization	0.0
		0 = 0 =			market	
12/7/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
12/7/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5		0.0
	<u></u> -				market	
12/7/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	4.5
12/7/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
12/1/2017	HUMBPP_I_UNITSS_S	PGAE	Humboldt	0.0	market	0.0
12/7/2017	HUMBPP 6 UNITS 3	PGAE	Humboldt	6.8	optimization	0.0
12/1/2011		. 0, 12	riambolat	0.0	market	0.0
12/7/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	optimization	0.0
			San		market	
12/7/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	0.0	optimization	0.0
			San		market	
12/7/2017	MRGT_6_MEF2	SDGE	Diego-IV	45.0	optimization	0.0
40/7/0047	NADOT O NAMASEE	0005	San	45.0	market	2.0
12/7/2017	MRGT_6_MMAREF	SDGE	Diego-IV	45.0	optimization	0.0
12/7/2017	MSOLAR_2_SOLAR1	SDGE	CAISO System	3.5	market optimization	0.0
12/1/2017	WISOLAK_Z_SOLAK I	SDGE	System	ა.5	opumization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Bate	resource		Area	RA	Reason	award
				MW		
			CAISO		market	
12/7/2017	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
			San		market	
12/7/2017	PIOPIC_2_CTG1	SDGE	Diego-IV	6.7	optimization	0.0
40/7/0047	DIODIO O OTOO	0005	San	0.0	market	0.0
12/7/2017	PIOPIC_2_CTG2	SDGE	Diego-IV	9.3	optimization	0.0
12/7/2017	PIOPIC 2 CTG3	SDGE	San Diego-IV	7.9	market optimization	0.0
12/1/2011	FIOFIC_Z_CTG3	SDGE	CAISO	7.9	market	0.0
12/7/2017	PNCHEG_2_PL1X4_1	PGAE	System	75.3	optimization	0.0
12/1/2011	11101120_2_1 21X1_1	1 0/12	CAISO	70.0	market	0.0
12/7/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
					market	
12/7/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno	5.7	optimization	0.0
			CAISO		market	
12/7/2017	REDBLF_6_UNIT	PGAE	System	15.0	optimization	0.0
40/7/0047	DVOIDE & DEDOUG	D) (OD		0.5	market	0.0
12/7/2017	RVSIDE_2_RERCU3	RVSD	LA Basin	0.5	optimization	0.0
12/7/2017	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	market optimization	0.0
12/1/2017	RVSIDE_Z_RERCU4	KVSD	LA Dasili	0.5	market	0.0
12/7/2017	RVSIDE_6_RERCU2	RVSD	LA Basin	0.1	optimization	0.0
12/1/2011	TOOLD LOOL TOOL TOOL TOOL TOOL TOOL TOOL	TOOD	E/ ( Baoiii	0.1	market	0.0
12/7/2017	SCHLTE_1_PL1X3_2X1DF	PGAE	Stockton	1.1	optimization	0.0
			CAISO		market	
12/7/2017	SPICER_1_UNITS	NCPA	System	3.2	optimization	0.0
			CAISO		market	
12/7/2017	TESLA_1_QF	PGAE	System	0.0	optimization	0.0
12/7/2017	WALCEK 2 CTC2	SCE	I A Doois	0.0	market	0.0
12/1/2017	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization market	0.0
12/7/2017	WEBER_6_FORWRD	PGAE	Stockton	4.0	optimization	0.0
12/1/2011	WEBER_O_I GRAVILD	1 O/LL	Otookton	7.0	market	0.0
12/8/2017	ANZA_6_SOLAR1	SDGE		1.1	optimization	0.0
			San		market	
12/8/2017	BORDER_6_UNITA1_1X1	SDGE	Diego-IV	24.0	optimization	0.0
			San		market	
12/8/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization	0.0
40/0/2047	DUCKOK 7 DLAVO	DCAE	Ciarra	0.0	market	0.0
12/8/2017	BUCKCK_7_PL1X2	PGAE	Sierra	0.3	optimization market	0.0
12/8/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
12/0/2017	CALL GO_G_GGEART	ODOL		0.0	market	0.0
12/8/2017	CHICPK_7_UNIT 1	PGAE	Sierra	7.4	optimization	0.0
			San		market	
12/8/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
12/8/2017	COPMT2_2_SOLAR2	SCE	System	1.8	optimization	0.0
40/0/0047	CODMITA O COLADA	005	CAISO	1.0	market	2.2
12/8/2017	COPMT4_2_SOLAR4	SCE	System	1.9	optimization	0.0
12/8/2017	COPMTN_2_CM10	SCE	CAISO System	1.3	market optimization	0.0
12/0/2017	OOF WITH_Z_CIVITU	JUE	Joystelli	1.3	Upumzauon	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
					market	
12/8/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
12/8/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
			l		market	
12/8/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
40/0/0047	LILIMADED O LINUTO 4	DO 4 E	11	7.5	market	0.0
12/8/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt San	7.5	optimization	0.0
12/8/2017	MRGT_6_MEF2	SDGE	Diego-IV	40.0	market optimization	0.0
12/0/2017	WINGT_0_WEF2	SDGE	San	40.0	market	0.0
12/8/2017	MRGT_6_MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
12/0/2017	WINCOT_O_WIND WALL	ODOL	CAISO	40.0	market	0.0
12/8/2017	MSOLAR_2_SOLAR1	SDGE	System	1.6	optimization	0.0
			CAISO		market	
12/8/2017	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
			San		market	
12/8/2017	PIOPIC_2_CTG1	SDGE	Diego-IV	6.7	optimization	0.0
			CAISO		market	
12/8/2017	PNCHEG_2_PL1X4_1	PGAE	System	102.0	optimization	0.0
			CAISO		market	
12/8/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
40/0/2047	DNCLIDD 4 DLAVO 4	DOAE	Гиолия	7.0	market	0.0
12/8/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno CAISO	7.2	optimization	0.0
12/8/2017	REDBLF 6 UNIT	PGAE	System	19.9	market optimization	0.0
12/0/2017	REDBLF_0_UNIT	FGAL	System	19.9	market	0.0
12/8/2017	TRNQLT_2_SOLAR	PGAE	Fresno	4.7	optimization	0.0
12/0/2011		. 0, 12	1100110		market	0.0
12/8/2017	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
					market	
12/9/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
12/9/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
12/9/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
40/0/2047	CODMTS S COLARS	COF	CAISO	4.0	market	0.0
12/9/2017	COPMT2_2_SOLAR2	SCE	System CAISO	1.8	optimization	0.0
12/9/2017	COPMT4 2 SOLAR4	SCE	System	12.7	market optimization	0.0
12/3/2017	601 W14_2_30LAN4	JOL	CAISO	12.1	market	0.0
12/9/2017	COPMTN_2_CM10	SCE	System	1.1	optimization	0.0
/ 0/ _ 0			CAISO		market	0.0
12/9/2017	ENWIND 2 WIND2	SCE	System	6.4	optimization	0.0
					market	
12/9/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
			Big			
			Creek-		market	
12/9/2017	MNDALY_6_MCGRTH	SCE	Ventura	47.2	optimization	0.0
10/0/0017	MCOLAD C COLADA	0005	CAISO	0.0	market	
12/9/2017	MSOLAR_2_SOLAR1	SDGE	System	0.9	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource		Area	RA	reason	award
				MW		
40/0/0047	M001 4B 0 001 4B0	0005	CAISO	4.0	market	0.0
12/9/2017	MSOLAR_2_SOLAR3	SDGE	System	1.0	optimization	0.0
12/9/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.1	market optimization	0.0
12/3/2011	OKLIND_0_OCLART	TOAL	CAISO	0.1	market	0.0
12/9/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
					market	
12/9/2017	TRNQLT_2_SOLAR	PGAE	Fresno	3.4	optimization	0.0
40/0/0047	WALORK O OTOO	005	I A Davis	0.0	market	0.0
12/9/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization market	0.0
12/10/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
12/10/2011	7111271_0_00171111	ODOL		1.0	market	0.0
12/10/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
12/10/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
10/10/0017	0001470 0 001 400	005	CAISO	40.5	market	0.0
12/10/2017	COPMT2_2_SOLAR2	SCE	System CAISO	10.5	optimization market	0.0
12/10/2017	COPMT4_2_SOLAR4	SCE	System	0.8	optimization	0.0
12/10/2017	COLINITA_Z_SOLARCA	JOCE	CAISO	0.0	market	0.0
12/10/2017	COPMTN_2_CM10	SCE	System	1.5	optimization	0.0
			Big		•	
			Creek-		market	
12/10/2017	GOLETA_2_QF	SCE	Ventura	0.1	optimization	0.0
12/10/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
12/10/2017	GRIDET_0_SOLAR	FUAL	Sierra	0.1	market	0.0
12/10/2017	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.5	optimization	0.0
			Big		•	
			Creek-		market	
12/10/2017	MNDALY_6_MCGRTH	SCE	Ventura	47.2	optimization	0.0
12/10/2017	MSOLAR_2_SOLAR1	SDGE	CAISO System	0.5	market optimization	0.0
12/10/2017	WISOLAIN_Z_SOLAINI	JUGE	CAISO	0.5	market	0.0
12/10/2017	MSOLAR 2 SOLAR3	SDGE	System	0.5	optimization	0.0
			CAISO		market	
12/10/2017	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
40/40/0047	DEDDLE & LINUT	DOAE	CAISO	5.0	market	0.0
12/10/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization market	0.0
12/10/2017	TRNQLT 2 SOLAR	PGAE	Fresno	3.5	optimization	0.0
12/10/2011	11(1(QL1_L_00L)(1)	1 O/LE	1 100110	0.0	market	0.0
12/10/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
					market	
12/10/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
10/10/0017	MALCOK 2 CTC2	SCE	I A Dasia	0.7	market	0.0
12/10/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization market	0.0
12/10/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
		- <del></del>		5.0	market	3.0
12/11/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Daio	110000100		Area	RA	rtodoon	award
				MW		
			CAISO		market	
12/11/2017	BLACK_7_UNIT 1	PGAE	System	3.0	optimization	0.0
40/44/0047	DI ACIZ Z LINIT O	DOAE	CAISO	2.0	market	0.0
12/11/2017	BLACK_7_UNIT 2	PGAE	System San	3.0	optimization market	0.0
12/11/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization	0.0
12/11/2011	BONDEN_0_BINITAT_ZXT	ODOL	Diego IV	77.0	market	0.0
12/11/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
12/11/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
12/11/2017	COPMT2_2_SOLAR2	SCE	System	12.6	optimization	0.0
12/11/2017	CODMT4 2 SOLAD4	SCE	CAISO	0.7	market optimization	0.0
12/11/2017	COPMT4_2_SOLAR4	SCE	System CAISO	0.7	market	0.0
12/11/2017	COPMTN_2_CM10	SCE	System	1.5	optimization	0.0
12/11/2011		002	- Cycloni	1.0	market	0.0
12/11/2017	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
					market	
12/11/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
		5015	l		market	
12/11/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
12/11/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
12/11/2017	HOWBFF_I_UNITSS_S	FGAL	Humbolat	0.6	market	0.0
12/11/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	1.1	optimization	0.0
					market	
12/11/2017	MIDWYS_2_MIDSL1	SCE		10.0	optimization	0.0
			Big			
		005	Creek-	4-0	market	
12/11/2017	MNDALY_6_MCGRTH	SCE	Ventura	47.2	optimization	0.0
			Big Creek-		market	
12/11/2017	MOORPK 6 QF	SCE	Ventura	8.3	optimization	0.0
12/11/2011		002	San	0.0	market	0.0
12/11/2017	MRGT_6_MEF2	SDGE	Diego-IV	45.0	optimization	0.0
			San		market	
12/11/2017	MRGT_6_MMAREF	SDGE	Diego-IV	45.0	optimization	0.0
40/44/0047	M001 AB 0 001 AB4	0005	CAISO	0.0	market	0.0
12/11/2017	MSOLAR_2_SOLAR1	SDGE	System CAISO	0.3	optimization market	0.0
12/11/2017	MSOLAR_2_SOLAR3	SDGE	System	0.4	optimization	0.0
12/11/2011		J J J J L	CAISO	0.4	market	0.0
12/11/2017	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
	_ <del>_</del>		CAISO		market	
12/11/2017	PIT4_7_PL1X2	PGAE	System	0.8	optimization	0.0
,			CAISO		market	
12/11/2017	PIT7_7_UNIT 1	PGAE	System	44.0	optimization	0.0
12/11/2017	DNCHEC 2 DL1V4 4	PGAE	CAISO	401.0	market optimization	0.0
14/11/401/	PNCHEG_2_PL1X4_4	FGAE	System	401.0	market	0.0
12/11/2017	PNCHPP 1 PL1X2 4	PGAE	Fresno	5.4	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
24.0	110000100		Area	RA	11000011	award
				MW		
					market	
12/11/2017	PNOCHE_1_PL1X2	PGAE	Fresno	2.0	optimization	0.0
40/44/0047	DNOOLE 4 LINETAA OVA	DO 4 E	_	4.0	market	0.0
12/11/2017	PNOCHE_1_UNITA1_2X1	PGAE	Fresno	4.0	optimization	0.0
40/44/0047	DEDDIE 6 LINIT	DO 4 E	CAISO	40.0	market	0.0
12/11/2017	REDBLF_6_UNIT	PGAE	System	13.9	optimization market	0.0
12/11/2017	RVSIDE 6 RERCU2	RVSD	LA Basin	0.1	optimization	0.0
12/11/2017	KVSIDE_0_KEKCO2	IVVOD	CAISO	0.1	market	0.0
12/11/2017	SANLOB 1 LNDFIL	PGAE	System	1.5	optimization	0.0
12, 11, 2011			- Cyoto		market	0.0
12/11/2017	SANTGO_2_LNDFL1	SCE	LA Basin	11.0	optimization	0.0
					market	
12/11/2017	TRNQLT_2_SOLAR	PGAE	Fresno	2.8	optimization	0.0
					market	
12/11/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
40/44/0047	WALORK O OTOO	005	I A Davis	0.0	market	0.0
12/11/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
12/11/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
12/11/2017	WALCKK_Z_C1G3	SCE	LA Dasiii	0.7	market	0.0
12/11/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
12/11/2017	W/120111_2_0104	OOL	L/ ( Basiii	0.0	market	0.0
12/12/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
			San		market	
12/12/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	44.0	optimization	0.0
					market	
12/12/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
12/12/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
12/12/2017	COPMT2 2 SOLAR2	SCE	CAISO	0.4	market optimization	0.0
12/12/2017	COPWIZ_Z_SOLARZ	SCE	System CAISO	0.1	market	0.0
12/12/2017	COPMT4_2_SOLAR4	SCE	System	0.8	optimization	0.0
12,12,2017		002	CAISO	0.0	market	0.0
12/12/2017	COPMTN 2 CM10	SCE	System	1.7	optimization	0.0
					market	
12/12/2017	GARNET_2_HYDRO	SCE	LA Basin	0.7	optimization	0.0
					market	
12/12/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
10/10/0017		5015			market	
12/12/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	11.5	optimization	0.0
10/10/2017	LILIMDDD 4 LINITS2 2	PGAE	Humboldt	10.4	market	0.0
12/12/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	optimization market	0.0
12/12/2017	HUMBPP 1 UNITS3 4	PGAE	Humboldt	9.1	optimization	0.0
12/12/2017	1.0.0001 1 _ 1 _ 0.0111 00 _ 4	1 OAL	San	3.1	market	0.0
12/12/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	15.4	optimization	0.0
			<u> </u>		market	
12/12/2017	MIDWYS_2_MIDSL1	SCE		18.0	optimization	0.0

Area   RA   MW   MW   Award   RA   MW   RA   RA   MW   RA   RA   MW   RA   RA   RA   MW   RA   RA   RA   MW   RA   RA   RA   RA   RA   RA   RA   R	Date	Resource	UDC	Local	Non	Reason	RUC
12/12/2017   MNDALY_6_MCGRTH   SCE	Bate	resource	000			reason	
12/12/2017   MNDALY 6 MCGRTH   SCE   Ventura   47.1   optimization   0.0							
12/12/2017   MNDALY_6_MCGRTH   SCE							
12/12/2017   MRGT_6_MEF2   SDGE   Diego-IV   45.0   optimization   0.0   San   market   O.0   San   market   O.0   San   market   O.0   San   market   O.0   Optimization   O.0							
12/12/2017   MRGT_6_MEF2   SDGE   Diego-IV   45.0   optimization   0.0   market   SDGE   Diego-IV   5.0   optimization   0.0   market   SDGE   Diego-IV   5.0   optimization   0.0   market   SDGE   System   0.9   optimization   0.0   market   SDGE   System   0.9   optimization   0.0   market   SDGE   System   0.1   optimization   0.0   market   SDGE   System   SDGE   SUBMINITARIA   SDGE   SUBMINITARIA   SDGE   SDGE   SDGE   SUBMINITARIA   SDGE   S	12/12/2017	MNDALY_6_MCGRTH	SCE		47.1	_ •	0.0
12/12/2017   MRGT_6_MMAREF   SDGE   Diego-IV   5.0   optimization   0.0   market   0.1   marke							
12/12/2017   MRGT_6_MMAREF   SDGE   Diego-IV   S.0   optimization   O.0   market   O.0   optimization   O.0   op	12/12/2017	MRGT_6_MEF2	SDGE		45.0		0.0
12/12/2017   MSOLAR 2 SOLAR1   SDGE   System   0.9   optimization   0.0   market   optimization   0.0   optim	40/40/004=		0000				
12/12/2017   MSOLAR_2_SOLAR1   SDGE   System   0.9   optimization   0.0   CAISO   market   optimization   0.0	12/12/2017	MRG1_6_MMAREF	SDGE		5.0	_	0.0
12/12/2017   MSOLAR_2_SOLAR3   SDGE   System   1.0   optimization   0.0   market   optimization   0.0   optimization   0.0   market   optimization   0.0   op	10/10/2017	MEGLAR 2 COLARA	CDCE		0.0		0.0
12/12/2017	12/12/2017	WSOLAR_2_SOLART	SDGE		0.9		0.0
12/12/2017	12/12/2017	MSOLAR 2 SOLAR3	SDGE		1.0		0.0
12/12/2017   ORLND_6_SOLAR1   PGAE   System	12/12/2017	WOOLAN_2_OOLANG	SDOL		1.0	_	0.0
12/12/2017	12/12/2017	ORIND 6 SOLAR1	PGAF		0.1		0.0
12/12/2017	12/12/2011	0.112.122_0_002.111	1 0/12		0		0.0
12/12/2017   PNCHEG_2_PL1X4_4   PGAE   System   401.0   market optimization   0.0   market optimization   0.0   market   0.0	12/12/2017	PNCHEG 2 PL1X4 1	PGAE		75.3		0.0
12/12/2017						_	
12/12/2017	12/12/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
12/12/2017   REDBLF_6_UNIT   PGAE   System   15.0   optimization   0.0   market   optimization   0.0   market   optimization   0.0   market   optimization   0.0   optimization   0.0   market   optimization   0.0   optimization   0.0   market   optimization   0.0   optimization						market	
12/12/2017         REDBLF_6_UNIT         PGAE         System         15.0         optimization market optimization         0.0           12/12/2017         RVSIDE_2_RERCU4         RVSD         LA Basin         0.5         optimization optimization         0.0           12/12/2017         RVSIDE_6_RERCU2         RVSD         LA Basin         0.1         optimization optimization         0.0           12/12/2017         SGREGY_6_SANGER         PGAE         Fresno         1.0         optimization         0.0           12/12/2017         SUNSHN_2_LNDFL         PGAE         Ventura         5.7         optimization         0.0           12/12/2017         TRNQLT_2_SOLAR         PGAE         Fresno         3.2         optimization         0.0           12/12/2017         TRNQLT_2_SOLAR         PGAE         Fresno         3.2         optimization         0.0           12/13/2017         WALCRK_2_CTG2         SCE         LA Basin         0.0         optimization         0.0           12/13/2017         ANZA_6_SOLAR1         SDGE         1.0         optimization         0.0           12/13/2017         CALPSS_6_SOLAR1         SDGE         Diego-IV         48.0         optimization         0.0           12/13/2017	12/12/2017	PNCHPP_1_PL1X2_4	PGAE		8.8	optimization	0.0
12/12/2017   RVSIDE_2_RERCU4   RVSD   LA Basin   0.5   optimization   0.0   market   optimization   0.0   market   optimization   0.0   optimization   0.0				CAISO			
12/12/2017         RVSIDE_2_RERCU4         RVSD         LA Basin         0.5         optimization         0.0           12/12/2017         RVSIDE_6_RERCU2         RVSD         LA Basin         0.1         market optimization         0.0           12/12/2017         SGREGY_6_SANGER         PGAE         Fresno         1.0         optimization optimization         0.0           12/12/2017         SUNSHN_2_LNDFL         PGAE         Fresno         3.2         optimization optimization         0.0           12/12/2017         TRNQLT_2_SOLAR         PGAE         Fresno         3.2         optimization optimization         0.0           12/12/2017         WALCRK_2_CTG2         SCE         LA Basin optimization         0.0         optimization         0.0           12/13/2017         ANZA_6_SOLAR1         SDGE         1.0         optimization optimization         0.0           12/13/2017         BORDER_6_UNITA1_2X1         SDGE         3.0         optimization         0.0           12/13/2017         CALPSS_6_SOLAR1         SDGE         3.0         optimization         0.0           12/13/2017         CNTNLA_2_SOLAR2         SDGE         Diego-IV         5.0         optimization         0.0           12/13/2017         COPMT2_SOL	12/12/2017	REDBLF_6_UNIT	PGAE	System	15.0		0.0
12/12/2017   RVSIDE_6_RERCU2   RVSD   LA Basin   0.1   market optimization   0.0     0.0							
12/12/2017         RVSIDE_6_RERCU2         RVSD         LA Basin         0.1         optimization market optimization         0.0           12/12/2017         SGREGY_6_SANGER         PGAE         Fresno         1.0         optimization optimization         0.0           12/12/2017         SUNSHN_2_LNDFL         PGAE         Ventura         5.7         optimization optimization         0.0           12/12/2017         TRNQLT_2_SOLAR         PGAE         Fresno         3.2         optimization optimization         0.0           12/13/2017         WALCRK_2_CTG2         SCE         LA Basin optimization optimization         0.0         0.0           12/13/2017         ANZA_6_SOLAR1         SDGE         1.0         optimization optimization optimization         0.0           12/13/2017         BORDER_6_UNITA1_2X1         SDGE         Diego-IV         48.0         optimization optimization         0.0           12/13/2017         CALPSS_6_SOLAR1         SDGE         Diego-IV         48.0         optimization optimization         0.0           12/13/2017         CNTNLA_2_SOLAR2         SDGE         Diego-IV         5.0         optimization         0.0           12/13/2017         COPMT2_SOLAR2         SCE         System         12.0         optimization	12/12/2017	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	•	0.0
12/12/2017   SGREGY_6_SANGER   PGAE   Fresno   1.0   optimization   0.0							
12/12/2017   SGREGY_6_SANGER   PGAE   Fresno   1.0   optimization   0.0	12/12/2017	RVSIDE_6_RERCU2	RVSD	LA Basin	0.1		0.0
12/12/2017   SUNSHN_2_LNDFL   PGAE   Ventura   5.7   optimization   0.0	40/40/0047	CODEON C CANCED	DOAF		4.0		0.0
12/12/2017   SUNSHN_2_LNDFL   PGAE   Ventura   S.7   optimization   0.0     12/12/2017   TRNQLT_2_SOLAR   PGAE   Fresno   3.2   optimization   0.0     12/12/2017   WALCRK_2_CTG2   SCE   LA Basin   0.0   optimization   0.0     12/13/2017   ANZA_6_SOLAR1   SDGE   San   market   optimization   0.0     12/13/2017   BORDER_6_UNITA1_2X1   SDGE   Diego-IV   48.0   optimization   0.0     12/13/2017   CALPSS_6_SOLAR1   SDGE   San   market   optimization   0.0     12/13/2017   CNTNLA_2_SOLAR2   SDGE   Diego-IV   5.0   optimization   0.0     12/13/2017   COPMT2_2_SOLAR2   SCE   System   12.0   optimization   0.0     12/13/2017   COPMT4_2_SOLAR4   SCE   System   13.4   optimization   0.0     12/13/2017   COPMTN_2_CM10   SCE   System   1.1   optimization   0.0     12/13/2017   ENWIND_2_WIND1   SCE   System   0.9   optimization   0.0     12/13/2017   ENWIND_2_WIND1   SCE   System   0.9   optimization   0.0	12/12/2017	SGREGY_6_SANGER	PGAE		1.0	optimization	0.0
12/12/2017         SUNSHN_2_LNDFL         PGAE         Ventura         5.7         optimization market         0.0           12/12/2017         TRNQLT_2_SOLAR         PGAE         Fresno         3.2         optimization         0.0           12/12/2017         WALCRK_2_CTG2         SCE         LA Basin         0.0         optimization         0.0           12/13/2017         ANZA_6_SOLAR1         SDGE         1.0         optimization         0.0           12/13/2017         BORDER_6_UNITA1_2X1         SDGE         3.0         optimization         0.0           12/13/2017         CALPSS_6_SOLAR1         SDGE         3.0         optimization         0.0           12/13/2017         CALPSS_6_SOLAR1         SDGE         Diego-IV         5.0         optimization         0.0           12/13/2017         CNTNLA_2_SOLAR2         SDGE         Diego-IV         5.0         optimization         0.0           12/13/2017         COPMT2_2_SOLAR2         SCE         System         12.0         optimization         0.0           12/13/2017         COPMT4_2_SOLAR4         SCE         System         13.4         optimization         0.0           12/13/2017         COPMTN_2_CM10         SCE         System						market	
12/12/2017   TRNQLT_2_SOLAR   PGAE   Fresno   3.2   optimization   0.0   market   optimization   0.0   market   optimization   0.0   market   optimization   0.0   optimization	12/12/2017	STINISHNI 2 I NIDEI	DCAE		5.7		0.0
12/12/2017         TRNQLT_2_SOLAR         PGAE         Fresno         3.2         optimization market         0.0           12/12/2017         WALCRK_2_CTG2         SCE         LA Basin         0.0         optimization         0.0           12/13/2017         ANZA_6_SOLAR1         SDGE         1.0         optimization         0.0           12/13/2017         BORDER_6_UNITA1_2X1         SDGE         Diego-IV         48.0         optimization         0.0           12/13/2017         CALPSS_6_SOLAR1         SDGE         3.0         optimization         0.0           12/13/2017         CNTNLA_2_SOLAR2         SDGE         Diego-IV         5.0         optimization         0.0           12/13/2017         COPMT2_2_SOLAR2         SCE         System         12.0         optimization         0.0           12/13/2017         COPMT4_2_SOLAR4         SCE         System         13.4         optimization         0.0           12/13/2017         COPMTN_2_CM10         SCE         System         1.1         optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE         System         0.9         optimization         0.0	12/12/2017	SUNSHIN_Z_LINDFL	PGAE	ventura	3.7		0.0
12/12/2017         WALCRK_2_CTG2         SCE         LA Basin         0.0 optimization optimization         0.0           12/13/2017         ANZA_6_SOLAR1         SDGE         1.0 optimization optimization         0.0           12/13/2017         BORDER_6_UNITA1_2X1         SDGE         Diego-IV         48.0 optimization optimization         0.0           12/13/2017         CALPSS_6_SOLAR1         SDGE         3.0 optimization optimization         0.0           12/13/2017         CNTNLA_2_SOLAR2         SDGE         Diego-IV         5.0 optimization optimization         0.0           12/13/2017         COPMT2_2_SOLAR2         SCE         System         12.0 optimization optimization         0.0           12/13/2017         COPMT4_2_SOLAR4         SCE         System         13.4 optimization optimization         0.0           12/13/2017         COPMTN_2_CM10         SCE         System         1.1 optimization optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE         System         0.9 optimization optimization         0.0	12/12/2017	TRNOLT 2 SOLAR	PGAE	Fresno	3.2		0.0
12/12/2017         WALCRK_2_CTG2         SCE         LA Basin         0.0         optimization         0.0           12/13/2017         ANZA_6_SOLAR1         SDGE         1.0         optimization         0.0           12/13/2017         BORDER_6_UNITA1_2X1         SDGE         Diego-IV         48.0         optimization         0.0           12/13/2017         CALPSS_6_SOLAR1         SDGE         3.0         optimization         0.0           12/13/2017         CNTNLA_2_SOLAR2         SDGE         Diego-IV         5.0         optimization         0.0           12/13/2017         COPMT2_2_SOLAR2         SCE         System         12.0         optimization         0.0           12/13/2017         COPMT4_2_SOLAR4         SCE         System         13.4         optimization         0.0           12/13/2017         COPMTN_2_CM10         SCE         System         1.1         optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE         System         0.9         optimization         0.0	12/12/2017	TRIVGET_Z_OOLAR	TOAL	1103110	0.2		0.0
12/13/2017         ANZA_6_SOLAR1         SDGE         1.0         optimization one	12/12/2017	WALCRK 2 CTG2	SCE	LA Basin	0.0		0.0
12/13/2017         ANZA_6_SOLAR1         SDGE         1.0         optimization         0.0           12/13/2017         BORDER_6_UNITA1_2X1         SDGE         Diego-IV         48.0         optimization optimization         0.0           12/13/2017         CALPSS_6_SOLAR1         SDGE         3.0         optimization optimization         0.0           12/13/2017         CNTNLA_2_SOLAR2         SDGE         Diego-IV         5.0         optimization optimization         0.0           12/13/2017         COPMT2_2_SOLAR2         SCE         System         12.0         optimization optimization         0.0           12/13/2017         COPMT4_2_SOLAR4         SCE         System         13.4         optimization optimization         0.0           12/13/2017         COPMTN_2_CM10         SCE         System         1.1         optimization optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE         System         0.9         optimization optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE         System         0.9         optimization optimization         0.0						_ •	
12/13/2017         BORDER_6_UNITA1_2X1         SDGE         Diego-IV         48.0         optimization         0.0           12/13/2017         CALPSS_6_SOLAR1         SDGE         3.0         optimization         0.0           12/13/2017         CNTNLA_2_SOLAR2         SDGE         Diego-IV         5.0         optimization         0.0           12/13/2017         COPMT2_2_SOLAR2         SCE         System         12.0         optimization         0.0           12/13/2017         COPMT4_2_SOLAR4         SCE         System         13.4         optimization         0.0           12/13/2017         COPMTN_2_CM10         SCE         System         1.1         optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE         System         0.9         optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE         System         0.9         optimization         0.0	12/13/2017	ANZA_6_SOLAR1	SDGE		1.0		0.0
12/13/2017         CALPSS_6_SOLAR1         SDGE         3.0 optimization				San		market	
12/13/2017         CALPSS_6_SOLAR1         SDGE         3.0 optimization         0.0           12/13/2017         CNTNLA_2_SOLAR2         SDGE Diego-IV         5.0 optimization optimization         0.0           12/13/2017         COPMT2_2_SOLAR2         SCE System         12.0 optimization optimization         0.0           12/13/2017         COPMT4_2_SOLAR4         SCE System         13.4 optimization optimization         0.0           12/13/2017         COPMTN_2_CM10         SCE System         1.1 optimization optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE System         0.9 optimization optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE System         0.9 optimization optimization         0.0	12/13/2017	BORDER_6_UNITA1_2X1	SDGE	Diego-IV	48.0	optimization	0.0
12/13/2017   CNTNLA_2_SOLAR2   SDGE   Diego-IV   5.0   optimization   0.0							
12/13/2017         CNTNLA_2_SOLAR2         SDGE         Diego-IV         5.0         optimization         0.0           12/13/2017         COPMT2_2_SOLAR2         SCE         System         12.0         optimization         0.0           12/13/2017         COPMT4_2_SOLAR4         SCE         System         13.4         optimization         0.0           12/13/2017         COPMTN_2_CM10         SCE         System         1.1         optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE         System         0.9         optimization         0.0           12/13/2017         SCE         System         0.9         optimization         0.0	12/13/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
12/13/2017         COPMT2_2_SOLAR2         SCE         System         12.0         optimization optimizati							
12/13/2017         COPMT2_2_SOLAR2         SCE         System         12.0         optimization         0.0           12/13/2017         COPMT4_2_SOLAR4         SCE         System         13.4         optimization         0.0           12/13/2017         COPMTN_2_CM10         SCE         System         1.1         optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE         System         0.9         optimization         0.0           San         market         market         0.0         0.0	12/13/2017	CNTNLA_2_SOLAR2	SDGE		5.0	•	0.0
12/13/2017         COPMT4_2_SOLAR4         SCE         System         13.4         optimization optimizati	40/40/004=	0001170 0 001 100	005		400		
12/13/2017         COPMT4_2_SOLAR4         SCE         System         13.4         optimization         0.0           12/13/2017         COPMTN_2_CM10         SCE         System         1.1         optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE         System         0.9         optimization         0.0           San         market         market         0.0         0.0	12/13/2017	COPM12_2_SOLAR2	SCE		12.0		0.0
12/13/2017   COPMTN_2_CM10   SCE	10/10/0017	CODMT4 0 COLAD4	CCE		40.4		0.0
12/13/2017         COPMTN_2_CM10         SCE         System         1.1         optimization         0.0           12/13/2017         ENWIND_2_WIND1         SCE         System         0.9         optimization         0.0           San         market         market         0.0         0.0	12/13/2017	COPIVIT4_Z_SULAR4	SCE		13.4	_	0.0
12/13/2017         ENWIND_2_WIND1         SCE         CAISO System         0.9 optimization optimization         0.0           San         market         market         0.0         0.0	12/12/2017	CODMIN 2 CM40	SCE		1 1		0.0
12/13/2017         ENWIND_2_WIND1         SCE         System         0.9         optimization         0.0           San         market	12/13/2017	COPINITIN_Z_CIVITU	JUE		1.1	•	0.0
San market	12/13/2017	FNWIND 2 WIND1	SCF		na		0.0
	12,10,2017		552		0.5	_	0.0
- 12/10/2011   EOMNOM O MINITOL ZAT   DOM TITUEGUEN   - 40   UMINIMANON   - UN	12/13/2017	ESCNDO 6 UNITB1 2X1	SDGE	Diego-IV	4.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource		Area	RA	11000011	award
				MW		
					market	
12/13/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
40/40/004=		5015			market	
12/13/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
40/40/0047	LILIMADDD 4 LINITO2 2	DCAE	L luna la a lalt		market	0.0
12/13/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
12/13/2017	HUMBPP 1 UNITS3 4	PGAE	Humboldt	7.8	market optimization	0.0
12/13/2017	110MBFF_1_0N1133_4	FUAL	Tidifibolat	7.0	market	0.0
12/13/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
12/10/2017		1 O/ LE	San	0.0	market	0.0
12/13/2017	IVSLRP 2 SOLAR1	SDGE	Diego-IV	15.3	optimization	0.0
			San		market	
12/13/2017	MRGT_6_MEF2	SDGE	Diego-IV	40.0	optimization	0.0
			San		market	
12/13/2017	MRGT_6_MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
			CAISO		market	
12/13/2017	MSOLAR_2_SOLAR1	SDGE	System	0.9	optimization	0.0
40/40/0047	MCOLAD 2 COLAD2	CDCE	CAISO	4.0	market	0.0
12/13/2017	MSOLAR_2_SOLAR3	SDGE	System CAISO	1.0	optimization market	0.0
12/13/2017	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
12/13/2017	OKLIND_0_SOLAKT	FGAL	San	0.1	market	0.0
12/13/2017	PIOPIC_2_CTG2	SDGE	Diego-IV	6.8	optimization	0.0
12/10/2011	1.10.100.0_	0000	CAISO	0.0	market	0.0
12/13/2017	PIT4 7 PL1X2	PGAE	System	15.0	optimization	0.0
			CAISO		market	
12/13/2017	PNCHEG_2_PL1X4_1	PGAE	System	75.3	optimization	0.0
			CAISO		market	
12/13/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
			CAISO		market	
12/13/2017	SANLOB_1_LNDFIL	PGAE	System	1.5	optimization	0.0
40/40/0047	TONOLT 2 COLAD	DCAE	Гиолия	4.0	market	0.0
12/13/2017	TRNQLT_2_SOLAR	PGAE	Fresno	1.0	optimization market	0.0
12/13/2017	WALCRK 2 CTG1	SCE	LA Basin	0.4	optimization	0.0
12/13/2017	WALGITI-Z_GTGT	OOL	LA Dasin	0.4	market	0.0
12/13/2017	WALCRK 2 CTG2	SCE	LA Basin	0.9	optimization	0.0
					market	0.10
12/13/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
					market	
12/13/2017	YUBACT_6_UNITA1	PGAE	Sierra	1.6	optimization	0.0
					market	
12/14/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
40/44/0047	DUOKOK 7 OAKELT	DC 4 F	0:		market	0.0
12/14/2017	BUCKCK_7_OAKFLT	PGAE	Sierra	0.6	optimization	0.0
12/14/2017	CALPSS 6 SOLAR1	SDGE		3.0	market optimization	0.0
12/14/2017	OALI GO_U_GOLART	JUGE	San	3.0	market	0.0
12/14/2017	CNTNLA 2 SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
12, 1., 2017		1	CAISO	0.0	market	0.0
12/14/2017	COPMT2_2_SOLAR2	SCE	System	12.5	optimization	0.0

Date Res	source	UDC	Local			RUC
			Area	Non RA	Reason	award
				MW		
			CAISO		market	
12/14/2017 CO	PMT4_2_SOLAR4	SCE	System	12.1	optimization	0.0
12/14/2017 CO	PMTN_2_CM10	SCE	CAISO System	1.1	market optimization	0.0
12/14/2017 CO	PIVITIN_Z_CIVITU	SCE	System	1.1	market	0.0
12/14/2017 GLI	NARM 7 UNIT 3	PASA	LA Basin	15.4	optimization	0.0
12, 1 1, 2011					market	0.0
12/14/2017 GR	IDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
12/14/2017 HU	MBPP_1_UNITS3_2	PGAE	Humboldt	1.8	optimization	0.0
40/44/0047	MDDD 4 LINITOO 0	DO 4 E	l loure le el elt	0.0	market	0.0
12/14/2017 HU	MBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
12/14/2017 HU	MBPP_1_UNITS3_4	PGAE	Humboldt	6.7	market optimization	0.0
12/14/2017 110	MDI 1 _1_0IVI100_4	TOAL	San	0.7	market	0.0
12/14/2017 IVS	SLRP_2_SOLAR1	SDGE	Diego-IV	15.3	optimization	0.0
	<del></del>		San		market	
12/14/2017 MR	RGT_6_MEF2	SDGE	Diego-IV	40.0	optimization	0.0
			San		market	
12/14/2017 MR	RGT_6_MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
40/44/0047 MC	OLAD 2 COLAD4	CDCE	CAISO	0.0	market	0.0
12/14/2017 MS	SOLAR_2_SOLAR1	SDGE	System CAISO	0.6	optimization market	0.0
12/14/2017 MS	SOLAR_2_SOLAR3	SDGE	System	0.7	optimization	0.0
12/14/2017	70L7 (I \Z00L7 (I \ 0	ODOL	CAISO	0.7	market	0.0
12/14/2017 OR	LND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
			CAISO		market	
12/14/2017 PIT	74_7_PL1X2	PGAE	System	14.5	optimization	0.0
10/11/0017	01150 0 51 47/4 4	DO 4 E	CAISO	75.0	market	0.0
12/14/2017 PN	CHEG_2_PL1X4_1	PGAE	System CAISO	75.3	optimization	0.0
12/14/2017 PN	CHEG_2_PL1X4_4	PGAE	System	401.0	market optimization	0.0
12/14/2017 FIN	OHLG_Z_FLTX4_4	FUAL	CAISO	401.0	market	0.0
12/14/2017 RE	DBLF 6 UNIT	PGAE	System	5.6	optimization	0.0
	<del></del>		, , , , , ,		market	
12/14/2017 RV	SIDE_2_RERCU3	RVSD	LA Basin	0.5	optimization	0.0
					market	
12/14/2017 RV	SIDE_6_RERCU2	RVSD	LA Basin	0.1	optimization	0.0
12/14/2017 SAI	NLOB 1 LNDFIL	PGAE	CAISO	1.5	market optimization	0.0
12/14/2017 SAI	INLOD_I_LINDFIL	PGAE	System	1.5	market	0.0
12/14/2017 TRI	NQLT_2_SOLAR	PGAE	Fresno	1.1	optimization	0.0
					market	
12/14/2017 WA	ALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
					market	
12/14/2017 WA	ALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
10/14/0047	ALCOK A CTCA	005	I A Deci-	0.7	market	~ ^
12/14/2017 WA	ALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
12/14/2017 WA	ALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
12/13/2011 WA	(LO:((\_L_O:OT	302	L ( Dasiii	0.5	market	0.0
12/15/2017 AN	ZA_6_SOLAR1	SDGE		1.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW	1 /	
40/45/0047	CALDOO C COLADA	0005		2.0	market	0.0
12/15/2017	CALPSS_6_SOLAR1	SDGE	Con	3.0	optimization	0.0
12/15/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
12/13/2017	CNTNLA_Z_SOLANZ	SDGL	CAISO	3.0	market	0.0
12/15/2017	COPMT2_2_SOLAR2	SCE	System	10.5	optimization	0.0
12, 10, 2011			CAISO		market	0.0
12/15/2017	COPMT4_2_SOLAR4	SCE	System	12.1	optimization	0.0
			CAISO		market	
12/15/2017	COPMTN_2_CM10	SCE	System	1.6	optimization	0.0
			CAISO		market	
12/15/2017	ENWIND_2_WIND1	SCE	System	0.9	optimization	0.0
40/45/0047	LUMBER 4 LINUTOS S	DO 4 E		40.4	market	0.0
12/15/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	optimization	0.0
12/15/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	market optimization	0.0
12/13/2017	HUMBER_I_UNIT53_4	PGAE	San	9.1	market	0.0
12/15/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	15.2	optimization	0.0
12, 10,2017	1102111 _2_002/1111	ODOL	Diogo IV	10.2	market	0.0
12/15/2017	MIDWYS_2_MIDSL1	SCE		21.0	optimization	0.0
			San		market	
12/15/2017	MRGT_6_MEF2	SDGE	Diego-IV	45.0	optimization	0.0
			San		market	
12/15/2017	MRGT_6_MMAREF	SDGE	Diego-IV	45.0	optimization	0.0
40/45/0047	14001 45 0 001 454	0005	CAISO		market	0.0
12/15/2017	MSOLAR_2_SOLAR1	SDGE	System	0.7	optimization	0.0
12/15/2017	MSOLAR_2_SOLAR3	SDGE	CAISO System	0.7	market optimization	0.0
12/13/2017	WOOLAN_2_OOLANG	SDGL	CAISO	0.7	market	0.0
12/15/2017	PNCHEG_2_PL1X4_1	PGAE	System	102.0	optimization	0.0
	<del> </del>		CAISO		market	
12/15/2017	PNCHEG_2_PL1X4_2	PGAE	System	150.6	optimization	0.0
			CAISO		market	
12/15/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
			l _		market	
12/15/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno	6.9	optimization	0.0
12/15/2017	PNOCHE 1 UNITA1 2X1	PGAE	Fresno	4.0	market optimization	0.0
12/13/2017	FNOCHE_I_UNITAT_ZXT	FGAL	CAISO	4.0	market	0.0
12/15/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
12, 10, 20 11		1 0/12	Cyclom	0.0	market	0.0
12/15/2017	TRNQLT_2_SOLAR	PGAE	Fresno	1.1	optimization	0.0
					market	
12/15/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
: -				_	market	_
12/15/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
10/15/0017	MALCOK 2 CTC2	SCE	I A Dooin	0.7	market	0.0
12/15/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization market	0.0
12/15/2017	WALCRK 2 CTG4	SCE	LA Basin	0.5	optimization	0.0
12/10/2017	**************************************	JOL	בת שמאווו	0.5	market	0.0
		SDGE		1.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
10/10/0017		50.5			market	
12/16/2017	BRDSLD_2_SHILO2	PGAE	Bay Area	97.8	optimization	0.0
12/16/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
12/10/2017	CALFOO_0_OCLART	SDGL	San	3.0	market	0.0
12/16/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
12/16/2017	COPMT2_2_SOLAR2	SCE	System	10.9	optimization	0.0
			CAISO		market	
12/16/2017	COPMT4_2_SOLAR4	SCE	System	7.1	optimization	0.0
40/40/0047	CODMITAL O CAMAO	005	CAISO	0.7	market	0.0
12/16/2017	COPMTN_2_CM10	SCE	System	0.7	optimization market	0.0
12/16/2017	CSTOGA 6 LNDFIL	PGAE	NCNB	0.3	optimization	0.0
12/10/2017	OOTOOA_O_ENDTTE	TOAL	NOND	0.5	market	0.0
12/16/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.2	optimization	0.0
					market	
12/16/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	7.1	optimization	0.0
			San		market	
12/16/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	7.6	optimization	0.0
10/16/2017	LAMONT 4 SOLADS	PGAE	Kern	7.0	market	0.0
12/16/2017	LAMONT_1_SOLAR3	PGAE	Kem	7.0	optimization market	0.0
12/16/2017	MIDWYS_2_MIDSL1	SCE		20.0	optimization	0.0
12/10/2011			San		market	0.0
12/16/2017	MRGT_6_MEF2	SDGE	Diego-IV	40.0	optimization	0.0
			San		market	
12/16/2017	MRGT_6_MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
40/40/0047	MCOLAR O COLARA	CDOE	CAISO	0.0	market	0.0
12/16/2017	MSOLAR_2_SOLAR1	SDGE	System CAISO	0.3	optimization market	0.0
12/16/2017	MSOLAR 2 SOLAR3	SDGE	System	0.4	optimization	0.0
12/10/2017	Meet, 111_2_001, 1110	ODOL	San	0.1	market	0.0
12/16/2017	PIOPIC_2_CTG2	SDGE	Diego-IV	9.3	optimization	0.0
					market	
12/16/2017	SCHLTE_1_PL1X3_2X1DF	PGAE	Stockton	2.5	optimization	0.0
40/40/0047	TONOLT O COLAR	DOAE		4.0	market	0.0
12/16/2017	TRNQLT_2_SOLAR	PGAE	Fresno CAISO	1.2	optimization	0.0
12/16/2017	VOLTA_2_UNIT 2	PGAE	System	0.2	market optimization	0.0
12/10/2017	VOLIA_Z_OIVII Z	TOAL	CAISO	0.2	market	0.0
12/16/2017	VOLTA_6_DIGHYD	PGAE	System	0.2	optimization	0.0
					market	
12/16/2017	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
10/10/25:-					market	
12/16/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
12/17/2017	ANZA_6_SOLAR1	SDGE		1.4	market optimization	0.0
12/11/2017	AINZA_U_GOLAN I	SDGE		1.4	market	0.0
12/17/2017	BOWMN 6 HYDRO	PGAE	Sierra	0.4	optimization	0.0
,				<u> </u>	market	3.0
12/17/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource		Area	RA	Reason	award
				MW		
			San		market	
12/17/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
12/17/2017	COPMT2_2_SOLAR2	SCE	System	10.5	optimization	0.0
			CAISO		market	
12/17/2017	COPMT4_2_SOLAR4	SCE	System	12.2	optimization	0.0
40/47/0047	00004751 0 05440	005	CAISO		market	0.0
12/17/2017	COPMTN_2_CM10	SCE	System	1.1	optimization	0.0
10/17/2017	CDIDLY 6 COLAR	PGAE	Sierra	0.1	market optimization	0.0
12/17/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market	0.0
12/17/2017	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.2	optimization	0.0
12/11/2011	110111011111111111111111111111111111111	TOAL	Tidifibolat	7.2	market	0.0
12/17/2017	HUMBPP 1 UNITS3 4	PGAE	Humboldt	8.3	optimization	0.0
12, 17,2017		1 0/12	San	0.0	market	0.0
12/17/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	8.4	optimization	0.0
					market	
12/17/2017	MIDWYS_2_MIDSL1	SCE		20.0	optimization	0.0
			San		market	
12/17/2017	MRGT_6_MEF2	SDGE	Diego-IV	40.0	optimization	0.0
			San		market	
12/17/2017	MRGT_6_MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
			CAISO		market	
12/17/2017	MSOLAR_2_SOLAR1	SDGE	System	0.4	optimization	0.0
40/47/0047	MOOL AD	0005	CAISO	0.4	market	0.0
12/17/2017	MSOLAR_2_SOLAR3	SDGE	System	0.4	optimization	0.0
12/17/2017	ODIND 6 SOLAB1	PGAE	CAISO	0.1	market	0.0
12/17/2017	ORLND_6_SOLAR1	PGAE	System CAISO	0.1	optimization market	0.0
12/17/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
12/11/2011	INEDBEL _0_ONT	TOAL	Oystem	3.0	market	0.0
12/17/2017	TRNQLT 2 SOLAR	PGAE	Fresno	1.1	optimization	0.0
12, 11,2011		1 0/12	1100110		market	0.0
12/17/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
					market	
12/17/2017	YUBACT_6_UNITA1	PGAE	Sierra	1.6	optimization	0.0
					market	
12/18/2017	ANZA_6_SOLAR1	SDGE		1.8	optimization	0.0
					market	
12/18/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
40/40/0047	0.17.11 4 0 001 4.50	0005	San		market	0.0
12/18/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
12/18/2017	CODMT2 2 SOLAB2	CCE	CAISO	10.5	market	0.0
12/10/2017	COPMT2_2_SOLAR2	SCE	System CAISO	10.5	optimization market	0.0
12/18/2017	COPMT4_2_SOLAR4	SCE	System	11.4	optimization	0.0
12/10/2017	001 W14_2_00LAN4	JOL	CAISO	11.4	market	0.0
12/18/2017	COPMTN_2_CM10	SCE	System	1.4	optimization	0.0
.2, .3,2011			2,0.0	1	market	0.0
12/18/2017	GLNARM 7 UNIT 3	PASA	LA Basin	15.4	optimization	0.0
1- 1-					market	3.2
12/18/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
					market	
12/18/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	optimization	0.0
					market	
12/18/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	optimization	0.0
			l		market	
12/18/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
40/40/004=	11/01/55 0 001 454	0000	San	40.4	market	
12/18/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	13.4	optimization	0.0
40/40/0047	LACOEN O LINUTO	DO 4 F	CAISO	0.4	market	0.0
12/18/2017	LASSEN_6_UNITS	PGAE	System	2.4	optimization	0.0
10/10/2017	MIDWIVE 2 MIDEL 1	SCE		24.0	market	0.0
12/18/2017	MIDWYS_2_MIDSL1	SCE		21.0	optimization	0.0
12/18/2017	MONTPH_7_UNITS	PGAE	NCNB	0.1	market optimization	0.0
12/10/2017	MONTPH_/_UNITS	PGAE	Big	0.1	оршнигацон	0.0
			Creek-		market	
12/18/2017	MOORPK_6_QF	SCE	Ventura	8.3	optimization	0.0
12/10/2017	MOORI IC_O_QI	JOL	San	0.5	market	0.0
12/18/2017	MRGT 6 MEF2	SDGE	Diego-IV	47.9	optimization	0.0
12/10/2017	WING 1_0_WE1 2	ODOL	CAISO	17.0	market	0.0
12/18/2017	MSOLAR 2 SOLAR1	SDGE	System	0.6	optimization	0.0
12, 10, 20 11			CAISO	0.0	market	0.0
12/18/2017	MSOLAR_2_SOLAR3	SDGE	System	0.7	optimization	0.0
			San	_	market	
12/18/2017	PIOPIC_2_CTG1	SDGE	Diego-IV	6.7	optimization	0.0
			San		market	
12/18/2017	PIOPIC_2_CTG2	SDGE	Diego-IV	9.3	optimization	0.0
			San		market	
12/18/2017	PIOPIC_2_CTG3	SDGE	Diego-IV	7.9	optimization	0.0
					market	
12/18/2017	PLMSSR_6_HISIER	NCPA		1.4	optimization	0.0
			CAISO		market	
12/18/2017	PNCHEG_2_PL1X4_1	PGAE	System	75.3	optimization	0.0
			CAISO		market	
12/18/2017	PNCHEG_2_PL1X4_3	PGAE	System	68.1	optimization	0.0
40/40/0047	DNOUES S DLAVA A	DO 4 E	CAISO	404.0	market	0.0
12/18/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
12/18/2017	DNCUDD 1 DIAVO 1	PGAE	Fresno	8.8	market	0.0
12/10/2017	PNCHPP_1_PL1X2_4	PGAE	riesno	0.0	optimization	0.0
12/18/2017	PNOCHE 1 UNITA1 2X1	PGAE	Fresno	4.0	market optimization	0.0
12/10/2017	FNOCHE_I_UNITAT_ZXT	FGAL	CAISO	4.0	market	0.0
12/18/2017	REDBLF 6 UNIT	PGAE	System	5.6	optimization	0.0
12/10/2017	NEDBEI _0_0IIII	TOAL	Oystern	3.0	market	0.0
12/18/2017	RVSIDE_2_RERCU3	RVSD	LA Basin	0.5	optimization	0.0
12, 10,2011		11100		0.0	market	0.0
12/18/2017	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	optimization	0.0
12, 13, 23 11		155		0.0	market	0.0
12/18/2017	TRNQLT_2_SOLAR	PGAE	Fresno	1.1	optimization	0.0
					market	3.3
12/18/2017	USWND4_2_UNIT2	PGAE	1	3.4	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
40/40/0047	WALCEK O CTOO	005	LA Dasia	0.0	market	0.0
12/18/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization market	0.0
12/18/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
12/10/2017	WALGITI-2_0103	- OOL	LA Dasin	0.2	market	0.0
12/19/2017	ANZA_6_SOLAR1	SDGE		1.6	optimization	0.0
					market	
12/19/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
					market	
12/19/2017	CHWCHL_1_UNIT	PGAE	Fresno	3.9	optimization	0.0
40/40/0047	CNITNII A O COLADO	0005	San		market	0.0
12/19/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization market	0.0
12/19/2017	COPMT2_2_SOLAR2	SCE	System	10.5	optimization	0.0
12/19/2017	COT WITZ_Z_GOLARZ	JOL	CAISO	10.5	market	0.0
12/19/2017	COPMT4_2_SOLAR4	SCE	System	10.7	optimization	0.0
			CAISO		market	
12/19/2017	COPMTN_2_CM10	SCE	System	1.5	optimization	0.0
			CAISO		market	
12/19/2017	ESQUON_6_LNDFIL	PGAE	System	2.1	optimization	0.0
40/40/0047	01.14.514.7.1.117.0	D. C.		45.4	market	0.0
12/19/2017	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
12/19/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
12/19/2017	TIOMBEE_0_ONITS_3	FUAL	San	0.0	market	0.0
12/19/2017	IVSLRP 2 SOLAR1	SDGE	Diego-IV	12.1	optimization	0.0
			CAISO		market	
12/19/2017	MALCHQ_7_UNIT 1	PGAE	System	4.2	optimization	0.0
					market	
12/19/2017	MIDWYS_2_MIDSL1	SCE		45.0	optimization	0.0
40/40/0047	MDOT O MEEO	0005	San	45.0	market	0.0
12/19/2017	MRGT_6_MEF2	SDGE	Diego-IV CAISO	45.0	optimization	0.0
12/19/2017	MSOLAR_2_SOLAR1	SDGE	System	0.6	market optimization	0.0
12/19/2017	WISOLAIN_Z_SOLAINT	SDGL	CAISO	0.0	market	0.0
12/19/2017	MSOLAR 2 SOLAR3	SDGE	System	26.8	optimization	0.0
					market	
12/19/2017	OAK C_7_UNIT 2	PGAE	Bay Area	53.6	optimization	0.0
			San		market	
12/19/2017	PIOPIC_2_CTG3	SDGE	Diego-IV	7.9	optimization	0.0
40/40/0047	DNOUEO O DLAVA A	DO 4 F	CAISO	400.0	market	0.0
12/19/2017	PNCHEG_2_PL1X4_1	PGAE	System CAISO	102.0	optimization market	0.0
12/19/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
12/19/2017	11101120_2_1 2174_4	TOAL	CAISO	401.0	market	0.0
12/19/2017	REDBLF_6_UNIT	PGAE	System	15.0	optimization	0.0
			,		market	3.2
12/19/2017	SBERDO_6_MILLCK	SCE	LA Basin	1.7	optimization	0.0
					market	
12/19/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.3	optimization	0.0
10/10/0017	VOLTA O LINUT O	DC A F	CAISO	0.0	market	0.0
12/19/2017	VOLTA_2_UNIT 2	PGAE	System	0.2	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
					market	
12/19/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
12/19/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
12/19/2017	WALCKK_2_CTG2	SCE	LA Dasili	0.9	market	0.0
12/20/2017	ANZA_6_SOLAR1	SDGE		1.5	optimization	0.0
12/20/2011	-, <u>-</u> 0_00	0000		1.0	market	0.0
12/20/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
12/20/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
40/00/0047	CODMITO O COLADO	005	CAISO	40.0	market	0.0
12/20/2017	COPMT2_2_SOLAR2	SCE	System CAISO	10.8	optimization	0.0
12/20/2017	COPMT4_2_SOLAR4	SCE	System	9.5	market optimization	0.0
12/20/2017	COLINITA_Z_COLAINA	JOL	Oystem	9.5	market	0.0
12/20/2017	DRUM_7_PL1X2	PGAE	Sierra	17.7	optimization	0.0
_					market	
12/20/2017	DUTCH1_7_UNIT 1	PGAE	Sierra	0.7	optimization	0.0
					market	
12/20/2017	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
40/00/0047		DOAE	CAISO	0.4	market	0.0
12/20/2017	GRNVLY_7_SCLAND	PGAE	System	2.1	optimization market	0.0
12/20/2017	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.1	optimization	0.0
12/20/2011	110101011 _1_0111103_2	1 OAL	Hambolat	7.1	market	0.0
12/20/2017	HUMBPP 1 UNITS3 3	PGAE	Humboldt	4.4	optimization	0.0
			San		market	
12/20/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	11.5	optimization	0.0
10/00/00/-		005		4-0	market	
12/20/2017	MIDWYS_2_MIDSL1	SCE	04100	45.0	optimization	0.0
12/20/2017	MRCHNT 2 PL1X3 2X1	SCE	CAISO System	12.3	market optimization	0.0
12/20/2017	WRCHINI_Z_FLIX3_ZXI	SCE	San	12.3	market	0.0
12/20/2017	MRGT 6 MEF2	SDGE	Diego-IV	45.0	optimization	0.0
			CAISO	1010	market	
12/20/2017	MSOLAR_2_SOLAR1	SDGE	System	0.6	optimization	0.0
			CAISO		market	
12/20/2017	MSOLAR_2_SOLAR3	SDGE	System	24.3	optimization	0.0
12/20/2017	DIODIC 2 CTC2	CDCE	San Diago IV	0.2	market	0.0
12/20/2017	PIOPIC_2_CTG2	SDGE	Diego-IV CAISO	9.3	optimization market	0.0
12/20/2017	PNCHEG_2_PL1X4_1	PGAE	System	102.0	optimization	0.0
12/20/2011		1 0/12	CAISO	102.0	market	0.0
12/20/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
					market	
12/20/2017	SANTGO_2_LNDFL1	SCE	LA Basin	16.1	optimization	0.0
10/00/05:	MALORIC S. STS:	005			market	
12/20/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
12/20/2017	WALCRK 2 CTG2	SCE	LA Basin	0.9	market optimization	0.0
12/20/2017	WALCRN_Z_CTGZ	JUE	LA Dasiii	0.9	market	0.0
12/20/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0

Area   RA   MW   Area   RA   RA   MW   Area   RA   RA   RA   RA   RA   RA   RA   R	Date	Resource	UDC	Local	Non	Reason	RUC
12/20/2017	Date	110000100			RA	11000011	award
12/20/2017					MW		
12/21/2017	40/00/0047	MALCOK 2 CTC4	005	I A Doois	0.5		0.0
12/21/2017	12/20/2017	WALCRK_Z_CTG4	SCE	LA Basin	0.5		0.0
12/21/2017	12/21/2017	ANZA 6 SOLAR1	SDGE		1.5		0.0
12/21/2017   CHWCHL_1_UNIT   PGAE   Fresno   3.9   optimization   0.0	12/21/2011					•	0.0
12/21/2017   CHWCHL_1_UNIT   PGAE   Fresno   San   market   mark	12/21/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
12/21/2017   CNTNLA_2_SOLAR1   SDGE   Diego-IV   4.6   optimization   0.0							
12/21/2017   CNTNLA 2_SOLAR1   SDGE   Diego-IV   4.6   optimization   0.0	12/21/2017	CHWCHL_1_UNIT	PGAE		3.9		0.0
12/21/2017   CNTNLA_2_SOLAR2   SDGE   San   Diego-IV   S.0   Optimization   O.0	40/04/0047	CNITNII A O COLADA	CDCE		4.0		0.0
12/21/2017   CNTNLA_2_SOLAR2   SDGE   Diego-IV   5.0   optimization   0.0	12/21/2017	CNTNLA_2_SOLART	SDGE		4.6		0.0
12/21/2017   COPMT2_2_SOLAR2   SCE   System   11.0   optimization   0.0	12/21/2017	CNTNLA 2 SOLAR2	SDGE		5.0		0.0
12/21/2017   COPMT2_2_SOLAR2   SCE   System   11.0   optimization   0.0	12/21/2017	01111121 <u>2</u> _0021112	JOBOL		0.0		0.0
12/21/2017   COPMT4_2_SOLAR4   SCE   System   11.4   optimization   0.0	12/21/2017	COPMT2_2_SOLAR2	SCE		11.0		0.0
Big   Creek-   Ventura   O.1   Optimization   O.0				CAISO			
12/21/2017   GOLETA_2_QF   SCE	12/21/2017	COPMT4_2_SOLAR4	SCE		11.4	optimization	0.0
12/21/2017   GOLETA_2_QF   SCE   Ventura   0.1   optimization   0.0   market   market   market   market   optimization   0.0   optimization							
12/21/2017   GRIDLY_6_SOLAR   PGAE   Sierra   0.1   optimization   0.6	12/21/2017	COLETA 2 OF	SCE		0.1		0.0
12/21/2017   GRIDLY_6_SOLAR   PGAE   Sierra   0.1   optimization   0.0	12/21/2017	GOLETA_Z_QF	SCE	ventura	0.1	•	0.0
12/21/2017   HUMBPP_1_UNITS3_2   PGAE   Humboldt   4.5   optimization   0.6	12/21/2017	GRIDLY 6 SOLAR	PGAE	Sierra	0.1		0.0
12/21/2017   HUMBPP_1_UNITS3_3   PGAE   Humboldt   6.8   optimization   0.0	12/21/2011			0.0	0	_	0.0
12/21/2017   HUMBPP_1_UNITS3_3   PGAE   Humboldt   6.8   optimization   0.0	12/21/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
12/21/2017   HUMBPP_1_UNITS3_4   PGAE   Humboldt   7.5   optimization   0.0							
12/21/2017   HUMBPP_1_UNITS3_4   PGAE   Humboldt   7.5   optimization   0.0	12/21/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8		0.0
12/21/2017   IVSLRP_2_SOLAR1   SDGE   Diego-IV   11.5   optimization   0.0	12/21/2017	LILIMDDD 4 LINITC2 4	DCAE	Lumboldt	7.5		0.0
12/21/2017   IVSLRP_2_SOLAR1   SDGE   Diego-IV   11.5   optimization   0.0	12/21/2017	HUMBPP_1_UNITS3_4	PGAE		7.5	•	0.0
12/21/2017   MIDWYS_2_MIDSL1   SCE	12/21/2017	IVSLRP 2 SOLAR1	SDGE		11.5		0.0
12/21/2017   MRGT_6_MEF2   SDGE   Diego-IV   40.0   optimization   0.0						•	
12/21/2017   MRGT_6_MEF2   SDGE   Diego-IV   40.0   optimization   0.0	12/21/2017	MIDWYS_2_MIDSL1	SCE		45.0	optimization	0.0
12/21/2017   MSOLAR_2_SOLAR1   SDGE   System   4.1   optimization   0.0							
12/21/2017   MSOLAR_2_SOLAR1   SDGE   System   4.1   optimization   0.0	12/21/2017	MRGT_6_MEF2	SDGE		40.0		0.0
12/21/2017   MSOLAR_2_SOLAR3   SDGE   System   4.1   optimization   0.0	12/21/2017	MSOLAR 2 SOLAR1	SDGE	_	11		0.0
12/21/2017   MSOLAR_2_SOLAR3   SDGE   System   4.1   optimization   0.0	12/21/2017	WSOLAR_Z_SOLAR I	SDGE		4.1	•	0.0
12/21/2017   ORLND_6_SOLAR1   PGAE   System   0.1   optimization   0.0	12/21/2017	MSOLAR 2 SOLAR3	SDGE		4.1		0.0
12/21/2017   PNCHEG_2_PL1X4_1   PGAE   System   75.3   optimization   0.0		<u> </u>					
12/21/2017         PNCHEG_2_PL1X4_1         PGAE         System         75.3         optimization         0.0           12/21/2017         PNCHEG_2_PL1X4_2         PGAE         System         150.6         optimization         0.0           market         market         0.0         market         0.0	12/21/2017	ORLND_6_SOLAR1	PGAE		0.1		0.0
12/21/2017 PNCHEG_2_PL1X4_2 PGAE System 150.6 optimization market market	40/04/004	51101150 0 51 11/1 1	5015				
12/21/2017   PNCHEG_2_PL1X4_2   PGAE   System   150.6   optimization   0.0   market	12/21/2017	PNCHEG_2_PL1X4_1	PGAE		75.3		0.0
market	12/21/2017	PNCHEG 2 PL1Y4 2	PGAE		150.6		0.0
	12/21/2017	111011110_2_1 11/14_2	1 OAL	Эузісііі	100.0		0.0
	12/21/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno	8.8	optimization	0.0
CAISO market		_				market	
	12/21/2017	REDBLF_6_UNIT	PGAE	System	15.0	•	0.0
market	40/04/0047	DVOIDE A DEDOUA	DVCD	I A Darin	0.5		0.0
	12/21/2017	KVSIDE_2_KERCU3	RVSD		0.5	optimization	0.0
Big Creek- market						market	
	12/21/2017	SAUGUS 6 PTCHGN	SCE		0.0		0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource	ODO	Area	RA	reason	award
				MW		
			San		market	
12/21/2017	TERMEX_2_PL1X3_2X1_B	SDGE	Diego-IV	167.0	optimization	0.0
			l _		market	
12/21/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.4	optimization	0.0
40/04/0047	WALCEK O CTO4	005	I A Dasin	0.4	market	0.0
12/21/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
12/21/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
12/21/2017	WALCINI_Z_C103	JOL	LA Dasiii	0.2	market	0.0
12/22/2017	ANZA_6_SOLAR1	SDGE		11.7	optimization	0.0
12/22/2011	7111271_0_00171111	ODOL	CAISO		market	0.0
12/22/2017	ARLVAL 5 SOLAR	SDGE	Import	74.8	optimization	0.0
					market	
12/22/2017	BIGSKY_2_BSKSR6	SCE		13.2	optimization	0.0
					market	
12/22/2017	BIGSKY_2_BSKSR7	SCE		13.6	optimization	0.0
					market	
12/22/2017	BIGSKY_2_BSKSR8	SCE		13.3	optimization	0.0
40/00/0047	DOWNAN C LIVEDO	PGAE	Ciarra	0.0	market	0.0
12/22/2017	BOWMN_6_HYDRO	PGAE	Sierra	0.3	optimization	0.0
12/22/2017	BUCKCK_2_HYDRO	PGAE	Sierra	0.4	market optimization	0.0
12/22/2017	BOCKCK_Z_TITBRO	TOAL	Sierra	0.4	market	0.0
12/22/2017	BUCKCK 7 OAKFLT	PGAE	Sierra	0.5	optimization	0.0
			CAISO	0.0	market	0.0
12/22/2017	CALGEN 1 UNITS	SCE	System	4.0	optimization	0.0
					market	
12/22/2017	CALPSS_6_SOLAR1	SDGE		9.7	optimization	0.0
					market	
12/22/2017	CAMCHE_1_PL1X3	PGAE	Stockton	1.4	optimization	0.0
10/00/001=	0.1.455.4 - 5.54.65	50.5	٥.		market	
12/22/2017	CAMPFW_7_FARWST	PGAE	Sierra	6.5	optimization	0.0
12/22/2017	CASTVL 2 FCELL	PGAE		1 1	market optimization	0.0
12/22/2017	CASTVL_Z_FCELL	PGAE		1.1	market	0.0
12/22/2017	CAYTNO 2 VASCO	PGAE	Bay Area	4.0	optimization	0.0
12/22/2011	- C/11 1110_E_1/11000	. 0,	Day / ii oa		market	0.0
12/22/2017	CHINO_2_QF	SCE	LA Basin	0.1	optimization	0.0
			San		market	
12/22/2017	CNTNLA_2_SOLAR1	SDGE	Diego-IV	83.9	optimization	0.0
			San		market	
12/22/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	31.2	optimization	0.0
10/00/001=	0011/11 - 5141/0		CAISO	400	market	
12/22/2017	COLVIL_7_PL1X2	NCPA	System	18.0	optimization	0.0
12/22/2017	CONTRI 4 LUNDY	SCE	CAISO	0.0	market	0.0
12/22/2017	CONTRL_1_LUNDY	302	System CAISO	8.0	optimization market	0.0
12/22/2017	CONTRL_1_OXBOW	SCE	System	2.5	optimization	0.0
. 2, 22, 2011		- OOL	CAISO	2.0	market	0.0
12/22/2017	CONTRL_1_RUSHCK	SCE	System	0.7	optimization	0.0
			CAISO		market	
12/22/2017	COPMT2_2_SOLAR2	SCE	System	136.8	optimization	0.0

Area   RA   MW   market   market   cAISO   market   cAISO   market   cAISO   market   cAISO   market   cAISO   market   cAISO   cAISO   market   cAISO   market   cAISO   cAISO   market   cAISO   cAISO   market   cAISO	Date	Resource	UDC	Local	Non	Reason	RUC
12/22/2017   COPMT4_2_SOLAR4   SCE	Date	rtocource				rtodoon	
12/22/2017   COPMTA_2_SOLAR4   SCE							
12/22/2017   COPMTN_2_CM10   SCE				CAISO		market	
12/22/2017   COPMTN_2_CM10   SCE	12/22/2017	COPMT4_2_SOLAR4	SCE	System	57.0	optimization	0.0
12/22/2017   CORRAL_6_SJOAQN   PGAE				CAISO		market	
12/22/2017   CORRAL_6_SJOAQN   PGAE   System   1.8   Optimization   0.0	12/22/2017	COPMTN_2_CM10	SCE		7.1	optimization	0.0
12/22/2017   CPSTNO_7_PRMADS   SDGE   Diego-IV   San   market   optimization   0.0   market   market   optimization   0.0   optimizat							
12/22/2017   CPSTNO_7_PRMADS   SDGE   Diego-IV   San   Market   Optimization   O.0	12/22/2017	CORRAL_6_SJOAQN	PGAE		1.8	•	0.0
12/22/2017   CPVERD 2 SOLAR   SDGE   Diego-IV   49.0   optimization   0.0   optimization							
12/22/2017   CPVERD_2_SOLAR   SDGE   Diego-IV   49.0   optimization   0.0   market   market	12/22/2017	CPSTNO_7_PRMADS	SDGE		0.5		0.0
12/22/2017   CSLR4S_2_SOLAR   SDGE   Diego-IV   88.9   optimization   0.0							
12/22/2017   CSLR4S_2_SOLAR   SDGE   Diego-IV   88.9   optimization   0.0	12/22/2017	CPVERD_2_SOLAR	SDGE		49.0	_	0.0
12/22/2017   CSTRVL_7_PL1X2   PGAE   System   1.0   market optimization   0.0   market optimization   0.0   market   0.1   optimization   0.0   optimiz	40/00/0047	001 040 0 001 40	0005		00.0		0.0
12/22/2017   CSTRVL_7_PL1X2	12/22/2017	CSLR4S_2_SOLAR	SDGE		88.9	•	0.0
12/22/2017   DALYCT_1_FCELL   PGAE   0.1   market optimization   0.0   market optimization   0.0   market   0.1   optimization   0.0   market   0.0   0.0   market   0.0   0.0   market   0.0   0.0   market   0.0	40/00/0047	COTDVI 7 DI 4VO	DOAE		4.0		0.0
12/22/2017	12/22/2017	CSTRVL_7_PLTX2	PGAE	System	1.0		0.0
12/22/2017   DAVIS_7_MNMETH	10/00/0017	DALVOT 1 FOELL	DCAE		0.1		0.0
12/22/2017   DAVIS_7_MNMETH   PGAE   Sierra   0.4   optimization   0.0	12/22/2017	DALYCI_I_FCELL	PGAE		0.1		0.0
12/22/2017   DIVSON_6_NSQF   SDGE   Diego-IV   3.1   optimization   0.0   market   optimization   0.0   market   optimization   0.0   market   optimization   0.0   optimizatio	12/22/2017	DAVIS 7 MAIMETH	DCAE	Siorra	0.4		0.0
12/22/2017   DIVSON_6_NSQF   SDGE   Diego-IV   3.1   Optimization   0.0   market   Optimization   0.0   Optimization	12/22/2017	DAVIS_7_IVINIVIETH	PGAE		0.4		0.0
12/22/2017   DVLCYN_1_UNITS   CWRS   LA Basin   28.6   optimization   0.0	12/22/2017	DIVSON 6 NSOF	SDGE		2.1		0.0
12/22/2017   DVLCYN_1_UNITS   CWRS   LA Basin   28.6   optimization   0.0	12/22/2017	DIVSON_0_NSQF	SDGE	Diego-iv	3.1	•	0.0
12/22/2017   ENWIND_2_WIND1   SCE	12/22/2017	DVI CVN 1 LINITS	CWRS	I Δ Rasin	28.6		0.0
12/22/2017   ENWIND_2_WIND1   SCE   System   0.9   optimization   0.0	12/22/2017	DVECTIV_1_ONTIO	CVVICO		20.0	_	0.0
12/22/2017   ESQUON_6_LNDFIL   PGAE   System   2.1   optimization   0.0	12/22/2017	FNWIND 2 WIND1	SCF		0.9		0.0
12/22/2017         ESQUON_6_LNDFIL         PGAE         System         2.1         optimization         0.0           12/22/2017         FELLOW_7_QFUNTS         PGAE         System         0.4         optimization         0.0           12/22/2017         FELLOW_7_QFUNTS         PGAE         Kern         0.4         optimization         0.0           12/22/2017         FELLOW_7_QFUNTS         PGAE         Kern         0.4         optimization         0.0           12/22/2017         FMEADO_6_HELLHL         PGAE         Sierra         0.1         optimization         0.0           12/22/2017         FRIANT_6_UNITS         PGAE         Fresno         3.2         optimization         0.0           12/22/2017         FULTON_1_QF         PGAE         NCNB         0.0         optimization         0.0           12/22/2017         GARNET_2_HYDRO         SCE         LA Basin         0.5         optimization         0.0           12/22/2017         GEYS11_7_UNIT11         PGAE         NCNB         4.0         optimization         0.0           12/22/2017         GEYS17_7_UNIT17         PGAE         NCNB         1.0         optimization         0.0           12/22/2017         GOLETA_2_QF         S	12/22/2011				0.0	•	0.0
12/22/2017   FELLOW_7_QFUNTS   PGAE   System   0.4   optimization   0.0   market   0.1   optimization   0.0   optim	12/22/2017	ESQUON 6 LNDFIL	PGAE		2.1		0.0
12/22/2017         FELLOW_7_QFUNTS         PGAE         System         0.4         optimization         0.0           12/22/2017         FELLOW_7_QFUNTS         PGAE         Kern         0.4         optimization         0.0           12/22/2017         FMEADO_6_HELLHL         PGAE         Sierra         0.1         optimization         0.0           12/22/2017         FRIANT_6_UNITS         PGAE         Fresno         3.2         optimization         0.0           12/22/2017         FULTON_1_QF         PGAE         NCNB         0.0         optimization         0.0           12/22/2017         GARNET_2_HYDRO         SCE         LA Basin         0.5         optimization         0.0           12/22/2017         GEYS11_7_UNIT11         PGAE         NCNB         4.0         optimization         0.0           12/22/2017         GEYS17_7_UNIT17         PGAE         NCNB         1.0         optimization         0.0           12/22/2017         GLNARM_7_UNIT 3         PASA         LA Basin         15.4         optimization         0.0           12/22/2017         GOLETA_2_QF         SCE         Ventura         0.1         optimization         0.0           12/22/2017         GONZLS_6_UNIT <t< td=""><td>,,</td><td></td><td></td><td></td><td></td><td></td><td>0.0</td></t<>	,,						0.0
12/22/2017   FELLOW_7_QFUNTS   PGAE   Kern   0.4   optimization   0.0   market   0.1   optimization   0.0   market   0.1   optimization   0.0   market   0.1   optimization   0.0   market   0.1   optimization   0.0   market   0.0   optimization   0.0   optimiz	12/22/2017	FELLOW 7 QFUNTS	PGAE		0.4		0.0
12/22/2017   FMEADO_6_HELLHL   PGAE   Sierra   0.1   optimization   0.0				,		market	
12/22/2017         FMEADO_6_HELLHL         PGAE         Sierra         0.1         optimization market         0.0           12/22/2017         FRIANT_6_UNITS         PGAE         Fresno         3.2         optimization         0.0           12/22/2017         FULTON_1_QF         PGAE         NCNB         0.0         optimization         0.0           12/22/2017         GARNET_2_HYDRO         SCE         LA Basin         0.5         optimization         0.0           12/22/2017         GEYS11_7_UNIT11         PGAE         NCNB         4.0         optimization         0.0           12/22/2017         GEYS17_7_UNIT17         PGAE         NCNB         1.0         optimization         0.0           12/22/2017         GLNARM_7_UNIT 3         PASA         LA Basin         15.4         optimization         0.0           12/22/2017         GOLETA_2_QF         SCE         Ventura         0.1         optimization         0.0           12/22/2017         GONZLS_6_UNIT         PGAE         System         0.7         optimization         0.0	12/22/2017	FELLOW_7_QFUNTS	PGAE	Kern	0.4	optimization	0.0
12/22/2017   FRIANT_6_UNITS   PGAE   Fresno   3.2   optimization   0.0						market	
12/22/2017         FRIANT_6_UNITS         PGAE         Fresno         3.2         optimization market         0.0           12/22/2017         FULTON_1_QF         PGAE         NCNB         0.0         optimization optimization         0.0           12/22/2017         GARNET_2_HYDRO         SCE         LA Basin         0.5         optimization optimization         0.0           12/22/2017         GEYS11_7_UNIT11         PGAE         NCNB         4.0         optimization optimization         0.0           12/22/2017         GEYS17_7_UNIT17         PGAE         NCNB         1.0         optimization optimization         0.0           12/22/2017         GLNARM_7_UNIT 3         PASA         LA Basin         15.4         optimization optimization         0.0           12/22/2017         GOLETA_2_QF         SCE         Ventura         0.1         optimization optimization         0.0           12/22/2017         GONZLS_6_UNIT         PGAE         System         0.7         optimization optimization         0.0	12/22/2017	FMEADO_6_HELLHL	PGAE	Sierra	0.1	optimization	0.0
12/22/2017         FULTON_1_QF         PGAE         NCNB         0.0         optimization one optimization one market optimization							
12/22/2017         FULTON_1_QF         PGAE         NCNB         0.0         optimization         0.0           12/22/2017         GARNET_2_HYDRO         SCE         LA Basin         0.5         optimization         0.0           12/22/2017         GEYS11_7_UNIT11         PGAE         NCNB         4.0         optimization         0.0           12/22/2017         GEYS17_7_UNIT17         PGAE         NCNB         1.0         optimization         0.0           12/22/2017         GLNARM_7_UNIT 3         PASA         LA Basin         15.4         optimization         0.0           Big Creek- 12/22/2017         GOLETA_2_QF         SCE         Ventura         0.1         optimization         0.0           12/22/2017         GONZLS_6_UNIT         PGAE         System         0.7         optimization         0.0	12/22/2017	FRIANT_6_UNITS	PGAE	Fresno	3.2		0.0
12/22/2017         GARNET_2_HYDRO         SCE         LA Basin         0.5 optimization         0.0           12/22/2017         GEYS11_7_UNIT11         PGAE         NCNB         4.0 optimization         0.0           12/22/2017         GEYS17_7_UNIT17         PGAE         NCNB         1.0 optimization         0.0           12/22/2017         GLNARM_7_UNIT 3         PASA         LA Basin         15.4 optimization         0.0           Big Creek-         Creek-         market         0.1 optimization         0.0           12/22/2017         GOLETA_2_QF         SCE         Ventura         0.1 optimization         0.0           12/22/2017         GONZLS_6_UNIT         PGAE         System         0.7 optimization         0.0							
12/22/2017         GARNET_2_HYDRO         SCE         LA Basin         0.5 optimization         0.0           12/22/2017         GEYS11_7_UNIT11         PGAE         NCNB         4.0 optimization         0.0           12/22/2017         GEYS17_7_UNIT17         PGAE         NCNB         1.0 optimization         0.0           12/22/2017         GLNARM_7_UNIT 3         PASA         LA Basin         15.4 optimization         0.0           Big Creek- 12/22/2017         GOLETA_2_QF         SCE         Ventura         0.1 optimization         0.0           12/22/2017         GONZLS_6_UNIT         PGAE         System         0.7 optimization         0.0	12/22/2017	FULTON_1_QF	PGAE	NCNB	0.0		0.0
12/22/2017         GEYS11_7_UNIT11         PGAE         NCNB         4.0         optimization	40/00/004=	0.45.457 0.48/550	005				
12/22/2017         GEYS11_7_UNIT11         PGAE         NCNB         4.0 optimization         0.0 market           12/22/2017         GEYS17_7_UNIT17         PGAE         NCNB         1.0 optimization         0.0 market           12/22/2017         GLNARM_7_UNIT 3         PASA         LA Basin         15.4 optimization         0.0           Big Creek-         Creek-         market         0.1 optimization         0.0           12/22/2017         GOLETA_2_QF         SCE         Ventura         0.1 optimization         0.0           12/22/2017         GONZLS_6_UNIT         PGAE         System         0.7 optimization         0.0           market         market         0.0         0.0         0.0	12/22/2017	GARNET_2_HYDRO	SCE	LA Basin	0.5		0.0
12/22/2017         GEYS17_7_UNIT17         PGAE         NCNB         1.0         optimization on market optimization on market optimization on market optimization 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 on optimization on on market optimization on on optimization on on market optimization on on optimization on on optimization on on market optimization on optimization optimiz	40/00/0047	OFVO44 7 LINUT44	DOAE	NOND	4.0		0.0
12/22/2017         GEYS17_7_UNIT17         PGAE         NCNB         1.0         optimization         0.0           12/22/2017         GLNARM_7_UNIT 3         PASA         LA Basin         15.4         optimization         0.0           Big Creek- 12/22/2017         GOLETA_2_QF         SCE         Ventura         0.1         optimization         0.0           CAISO         market           12/22/2017         GONZLS_6_UNIT         PGAE         System         0.7         optimization         0.0           market         market         0.0         market         0.0	12/22/2017	GEYS11_7_UNIT11	PGAE	NCNB	4.0	•	0.0
12/22/2017         GLNARM_7_UNIT 3         PASA         LA Basin         15.4 optimization optimizatio	40/00/0047	OFVOAT T LINUTAT	DOAE	NOND	4.0		0.0
12/22/2017         GLNARM_7_UNIT 3         PASA         LA Basin         15.4         optimization         0.0           Big Creek- 12/22/2017         GOLETA_2_QF         SCE         Ventura         0.1         optimization         0.0           CAISO 12/22/2017         GONZLS_6_UNIT         PGAE         System         0.7         optimization         0.0           market         market         market         optimization         0.0	12/22/2017	GEYST/_/_UNITT/	PGAE	INCINB	1.0		0.0
Big   Creek-   market   0.1   optimization   0.0	10/00/0017	CLNADM 7 LINET 2	DACA	I A Booin	15.4		0.0
12/22/2017   GOLETA_2_QF   SCE	12/22/2017	GLINARIVI_/_UINII 3	FASA		15.4	opumization	0.0
12/22/2017         GOLETA_2_QF         SCE         Ventura         0.1         optimization         0.0           12/22/2017         GONZLS_6_UNIT         PGAE         System         0.7         optimization         0.0           market         market         market         0.0         market         0.0						market	
CAISO   market	12/22/2017	GOLETA 2 OF	SCF		0.1		0.0
12/22/2017         GONZLS_6_UNIT         PGAE         System         0.7         optimization         0.0           market   <	12/22/2011		- JOL		0.1	•	0.0
market	12/22/2017	GONZIS 6 LINIT	PGAF		0.7		0.0
	12,22,2011	0011220_0_01111	. 5/12	3,0.0111	0.7		0.0
	12/22/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.4	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource		Area	RA	rcason	award
				MW		
40/00/0047	00000000	DO 4 E	CAISO	0.0	market	0.0
12/22/2017	GRNVLY_7_SCLAND	PGAE	System	3.0	optimization	0.0
12/22/2017	GYS7X8_7_UNITS	PGAE	NCNB	2.0	market optimization	0.0
12/22/2017	010770_7_011110	TOAL	NOND	2.0	market	0.0
12/22/2017	GYSRVL 7 WSPRNG	PGAE	NCNB	0.5	optimization	0.0
_					market	
12/22/2017	HIGGNS_7_QFUNTS	PGAE	Sierra	0.2	optimization	0.0
					market	
12/22/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.6	optimization	0.0
12/22/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	market optimization	0.0
12/22/2017	HOMBEF_1_0N1133_4	FGAL	CAISO	9.1	market	0.0
12/22/2017	HYTTHM_2_UNITS	CWRP	System	1.0	optimization	0.0
					market	
12/22/2017	INTMNT_3_PASADENA	SCE		10.5	optimization	0.0
			San		market	
12/22/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	50.0	optimization	0.0
12/22/2017	IVWEST_2_SOLAR1	SDGE	San Diego-IV	37.5	market optimization	0.0
12/22/2017	IVWEST_Z_SOLART	SDGE	Big	37.3	орштигацоп	0.0
			Creek-		market	
12/22/2017	KERRGN_1_UNIT 1	SCE	Ventura	16.0	optimization	0.0
					market	
12/22/2017	KIRKER_7_KELCYN	PGAE	Bay Area	2.0	optimization	0.0
40/00/0047	KDAMED O CECCO	005	CAISO	00.0	market	0.0
12/22/2017	KRAMER_2_SEGS89	SCE	System	23.0	optimization market	0.0
12/22/2017	LAGBEL 2 STG1	SCE	LA Basin	0.2	optimization	0.0
12/22/2017	<u> </u>	002	L/ ( Dasiii	0.2	market	0.0
12/22/2017	LOWGAP_1_SUPHR	PGAE	Humboldt	0.3	optimization	0.0
					market	
12/22/2017	MCCALL_1_QF	PGAE	Fresno	0.4	optimization	0.0
40/00/0047	METCLE 4 OF	DCAE	Day Area	0.0	market	0.0
12/22/2017	METCLF_1_QF	PGAE	Bay Area	0.3	optimization market	0.0
12/22/2017	MIDWYS_2_MIDSL1	SCE		45.0	optimization	0.0
12/22/2011		002		10.0	market	0.0
12/22/2017	MILFRD_7_PASADENA	SCE		1.8	optimization	0.0
					market	
12/22/2017	MIRLOM_2_LNDFL	SCE	LA Basin	1.7	optimization	0.0
12/22/2017	MO IAVE 4 SIDHON	CWRS	LA Basin	13.0	market	0.0
12/22/2017	MOJAVE_1_SIPHON	CVVKS	Big	13.0	optimization	0.0
			Creek-		market	
12/22/2017	MOORPK_6_QF	SCE	Ventura	6.3	optimization	0.0
			San		market	
12/22/2017	MRGT_6_MEF2	SDGE	Diego-IV	45.0	optimization	0.0
12/22/2017	MPCT 6 MMADEE	SDCE	San Diogo IV	40.0	market	0.0
12/22/2017	MRGT_6_MMAREF	SDGE	Diego-IV San	40.0	optimization market	0.0
12/22/2017	MSHGTS_6_MMARLF	SDGE	Diego-IV	0.4	optimization	0.0
1-1		10000	Diogo IV	U.T	opanii Zadon	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
	1.0000.00		Area	RA		award
				MW		
			CAISO		market	
12/22/2017	MSOLAR_2_SOLAR1	SDGE	System	162.2	optimization	0.0
			CAISO		market	
12/22/2017	MSOLAR_2_SOLAR3	SDGE	System	102.3	optimization	0.0
					market	
12/22/2017	MSTANG_2_SOLAR	PGAE	Fresno	11.4	optimization	0.0
			_		market	
12/22/2017	MSTANG_2_SOLAR3	PGAE	Fresno	15.6	optimization	0.0
40/00/0047	14074110 0 001454	DO 4 E	_	44.0	market	0.0
12/22/2017	MSTANG_2_SOLAR4	PGAE	Fresno	11.8	optimization	0.0
40/00/0047	NEWARK 4 OF	DOAE	Day Area	0.0	market	0.0
12/22/2017	NEWARK_1_QF	PGAE	Bay Area	0.0	optimization	0.0
12/22/2017	NOVATO 6 INDEL	PGAE	NCNB	2.9	market	0.0
12/22/2017	NOVATO_6_LNDFL	PGAE	CAISO	2.9	optimization market	0.0
12/22/2017	OILFLD 7 QFUNTS	PGAE	System	0.1	optimization	0.0
12/22/2017	OILI LD_I_QI OIVI 3	FOAL	System	0.1	market	0.0
12/22/2017	OLDRIV_6_BIOGAS	PGAE	Kern	1.0	optimization	0.0
12/22/2017	OLDINIV_0_BIOGRO	TOAL	CAISO	1.0	market	0.0
12/22/2017	ORLND_6_SOLAR1	PGAE	System	0.5	optimization	0.0
12/22/2011	<u> </u>	1 0/12	San	0.0	market	0.0
12/22/2017	OTAY_6_LNDFL5	SDGE	Diego-IV	1.3	optimization	0.0
,			San		market	0.0
12/22/2017	OTAY_6_LNDFL6	SDGE	Diego-IV	1.2	optimization	0.0
					market	
12/22/2017	OXMTN_6_LNDFIL	PGAE	Bay Area	5.5	optimization	0.0
					market	
12/22/2017	PADUA_6_QF	SCE	LA Basin	0.4	optimization	0.0
			CAISO		market	
12/22/2017	PEABDY_2_LNDFL1	PGAE	System	1.3	optimization	0.0
					market	
12/22/2017	PLMSSR_6_HISIER	NCPA		3.0	optimization	0.0
40/00/0047	DNOUES S DLAVA S	DO 4 E	CAISO	0040	market	0.0
12/22/2017	PNCHEG_2_PL1X4_2	PGAE	System	204.0	optimization	0.0
12/22/2017	PNCHEG 2 PL1X4 3	PGAE	CAISO	306.0	market	0.0
12/22/2017	PNCHEG_Z_PL1X4_3	PGAE	System CAISO	300.0	optimization market	0.0
12/22/2017	PSWEET 1 STCRUZ	PGAE	System	1.0	optimization	0.0
12/22/2017	1 300221_1_316102	TOAL	San	1.0	market	0.0
12/22/2017	PTLOMA 6 NTCQF	SDGE	Diego-IV	1.3	optimization	0.0
12/22/2011	1 1201111 ( <u>0</u> 1110 Q	0002	Diogo IV	1.0	market	0.0
12/22/2017	PVERDE_5_SCEDYN	SCE		11.7	optimization	0.0
			Big			
			Creek-		market	
12/22/2017	RECTOR_7_TULARE	SCE	Ventura	1.5	optimization	0.0
			CAISO		market	
12/22/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
					market	
12/22/2017	RICHMN_1_CHVSR2	PGAE		5.2	optimization	0.0
				_	market	_
12/22/2017	RICHMN_1_SOLAR	PGAE	]	1.4	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	110000100		Area	RA	rtodoon	award
				MW		
			CAISO		market	
12/22/2017	RTREE_2_WIND1	SCE	System	0.4	optimization	0.0
					market	
12/22/2017	RVSIDE_2_RERCU3	RVSD	LA Basin	0.5	optimization	0.0
40/00/0047	DVOIDE & DEDOLIA	DVCD	I A Dasin	0.5	market	0.0
12/22/2017	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	optimization market	0.0
12/22/2017	SANTGO 2 LNDFL1	SCE	LA Basin	19.6	optimization	0.0
12/22/2017	GAINTOO_2_LINDI ET	OOL	Big	13.0	optimization	0.0
			Creek-		market	
12/22/2017	SAUGUS_6_QF	SCE	Ventura	0.1	optimization	0.0
			Big		-	
			Creek-		market	
12/22/2017	SAUGUS_7_CHIQCN	SCE	Ventura	0.1	optimization	0.0
10/00/0017		005			market	
12/22/2017	SBERDO_6_MILLCK	SCE	LA Basin	1.7	optimization	0.0
10/00/0017	SCEW 2 DDDDD02	SCE		2.0	market	0.0
12/22/2017	SCEW_2_PDRP03	SCE		2.0	optimization market	0.0
12/22/2017	SMUDGO 7 UNIT 1	PGAE	NCNB	6.0	optimization	0.0
12/22/2017	CINICE CO_T_CIVIT 1	1 O/L	Big	0.0	Optimization	0.0
			Creek-		market	
12/22/2017	SNCLRA_2_HOWLNG	SCE	Ventura	4.5	optimization	0.0
			Big			
			Creek-		market	
12/22/2017	SNCLRA_6_OXGEN	SCE	Ventura	16.0	optimization	0.0
			Big			
12/22/2017	SNCLRA 6 PROCGN	SCE	Creek-	1.5	market	0.0
12/22/2017	SNCLRA_6_PROCGIN	SCE	Ventura Big	1.5	optimization	0.0
			Creek-		market	
12/22/2017	SNCLRA_6_QF	SCE	Ventura	0.8	optimization	0.0
					market	
12/22/2017	SNDBAR_7_UNIT 1	PGAE	Stockton	12.5	optimization	0.0
			CAISO		market	
12/22/2017	SPICER_1_UNITS	NCPA	System	1.3	optimization	0.0
			Big			
12/22/2017	SDDCV/L 2 OF	SCE	Creek-	0.1	market optimization	0.0
12/22/2017	SPRGVL_2_QF	SCE	Ventura	0.1	opumization	0.0
			Big Creek-		market	
12/22/2017	SUNSHN_2_LNDFL	PGAE	Ventura	7.0	optimization	0.0
, ,=,	=		CAISO	1.3	market	
12/22/2017	TANHIL_6_SOLART	PGAE	System	3.3	optimization	0.0
					market	
12/22/2017	TANHIL_6_SOLART	PGAE	Kern	3.3	optimization	0.0
			Big			
40/00/0047	TENOEN O DIAVO	005	Creek-	4.5	market	0.0
12/22/2017	TENGEN_2_PL1X2	SCE	Ventura CAISO	1.5	optimization	0.0
12/22/2017	TOADTW_6_UNIT	PGAE	System	0.2	market optimization	0.0
1212212011	I OUD I M O O O I MI I	I GVE	_ Oystelli	U.Z	υριππιΖαιιυπ	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
10/00/0017		5045	_		market	
12/22/2017	TRNQLT_2_SOLAR	PGAE	Fresno	50.0	optimization	0.0
12/22/2017	TULEWD 1 TULWD1	SDGE		52.6	market optimization	0.0
12/22/2017	TOLEWD_1_TOLWD1	SDGE	CAISO	32.0	market	0.0
12/22/2017	TUPMAN 1 BIOGAS	PGAE	System	0.3	optimization	0.0
12/22/2011	101111111111111111111111111111111111111	1 0/12	- Cycloni	0.0	market	0.0
12/22/2017	UKIAH_7_LAKEMN	NCPA	NCNB	1.0	optimization	0.0
			CAISO		market	
12/22/2017	UNVRSY_1_UNIT 1	PGAE	System	1.6	optimization	0.0
10/00/0017		5045			market	
12/22/2017	UNVRSY_1_UNIT 1	PGAE	Kern	1.6	optimization	0.0
12/22/2017	USWND4_2_UNIT2	PGAE		3.4	market optimization	0.0
12/22/2017	U3WND4_2_UNI12	PGAE	Big	3.4	Оршпігацоп	0.0
			Creek-		market	
12/22/2017	VESTAL 2 KERN	SCE	Ventura	9.0	optimization	0.0
			Big		•	
			Creek-		market	
12/22/2017	VESTAL_6_QF	SCE	Ventura	10.0	optimization	0.0
40/00/0047	\//OTA 0.05	005	I A Davis	0.4	market	0.0
12/22/2017	VISTA_6_QF	SCE	LA Basin CAISO	0.1	optimization	0.0
12/22/2017	VOLTA_2_UNIT 1	PGAE	System	2.0	market optimization	0.0
12/22/2017	VOLTA_Z_ONIT T	FOAL	CAISO	2.0	market	0.0
12/22/2017	VOLTA_2_UNIT 2	PGAE	System	0.2	optimization	0.0
	<del></del>		CAISO		market	
12/22/2017	VOLTA_6_BAILCK	PGAE	System	0.1	optimization	0.0
			CAISO		market	
12/22/2017	VOLTA_6_DIGHYD	PGAE	System	0.2	optimization	0.0
40/00/0047	WALCEK 2 CTC4	COF	I A Doois	0.4	market	0.0
12/22/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization market	0.0
12/22/2017	WALCRK 2 CTG2	SCE	LA Basin	0.9	optimization	0.0
12/22/2011	VV/120111_2_0102	1002	E/ ( Baoiii	0.0	market	0.0
12/22/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
					market	
12/22/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
10/00/05:	NAZALAHIT OLUM GEN	005			market	
12/22/2017	WALNUT_6_HILLGEN	SCE	LA Basin	1.0	optimization	0.0
			Big Creek-		market	
12/22/2017	WARNE 2 UNIT	CWRS	Ventura	2.1	optimization	0.0
,, _ 0 1 1		31110	Toritala		market	3.0
12/22/2017	WEBER_6_FORWRD	PGAE	Stockton	4.0	optimization	0.0
					market	
12/22/2017	WHEATL_6_LNDFIL	PGAE	Sierra	1.0	optimization	0.0
40/00/0047	ANIZA C COLADA	0000		4.0	market	2.0
12/23/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
12/23/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
12/23/2017	UALFOO_0_OULAKI	JOUGE		ა.0	opumization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
			San		market	
12/23/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
40/00/0047	0001470 0 001400	205	CAISO	40.5	market	0.0
12/23/2017	COPMT2_2_SOLAR2	SCE	System	10.5	optimization	0.0
40/00/0047	CODMT4 O COLAD4	005	CAISO	0.0	market	0.0
12/23/2017	COPMT4_2_SOLAR4	SCE	System	8.3	optimization	0.0
12/23/2017	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	market optimization	0.0
12/23/2017	GENARW_7_ONT 3	FASA	LA Dasiii	13.4	market	0.0
12/23/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
12/20/2017	01(1021_0_002) (ii)	1 0/12	Ciorra	0.1	market	0.0
12/23/2017	HUMBPP 1 UNITS3 4	PGAE	Humboldt	7.9	optimization	0.0
			San	_	market	
12/23/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	3.1	optimization	0.0
					market	
12/23/2017	LOWGAP_1_SUPHR	PGAE	Humboldt	0.3	optimization	0.0
					market	
12/23/2017	MIDWYS_2_MIDSL1	SCE		45.0	optimization	0.0
			San		market	
12/23/2017	MRGT_6_MEF2	SDGE	Diego-IV	40.0	optimization	0.0
40/00/0047	NAPOT O NANADEE	0005	San	40.0	market	0.0
12/23/2017	MRGT_6_MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
12/23/2017	MSOLAR_2_SOLAR1	SDGE	CAISO System	2.4	market optimization	0.0
12/23/2017	WSOLAR_2_SOLART	SDGE	CAISO	2.4	market	0.0
12/23/2017	MSOLAR_2_SOLAR3	SDGE	System	22.4	optimization	0.0
12/20/2011	WOOL/	ODOL	San	22.7	market	0.0
12/23/2017	PIOPIC_2_CTG1	SDGE	Diego-IV	6.7	optimization	0.0
					market	
12/23/2017	TULEWD_1_TULWD1	SDGE		13.2	optimization	0.0
					market	
12/23/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
					market	
12/24/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
12/24/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
40/04/0047	CNITNII A O COLADO	CDCE	San		market	0.0
12/24/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization market	0.0
12/24/2017	COPMT2 2 SOLAR2	SCE	System	9.0	optimization	0.0
12/24/2017	COT WITZ_Z_GOLARZ	JOL	CAISO	3.0	market	0.0
12/24/2017	COPMT4 2 SOLAR4	SCE	System	0.9	optimization	0.0
12/2 1/2011	001 W1 1 <u>_2_</u> 002, W1		CAISO	0.0	market	0.0
12/24/2017	ENWIND_2_WIND1	SCE	System	0.9	optimization	0.0
			<u> </u>		market	
12/24/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	-
12/24/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	3.7	optimization	0.0
			San		market	
12/24/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	8.1	optimization	0.0
40/04/004	MIDWAY OF THE COLD	005		45.0	market	2.2
12/24/2017	MIDWYS_2_MIDSL1	SCE		45.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Nesource	ODC	Area	RA	Reason	award
				MW		
			San		market	
12/24/2017	MRGT_6_MEF2	SDGE	Diego-IV	40.0	optimization	0.0
12/24/2017	MSOLAR_2_SOLAR1	SDGE	CAISO System	1.9	market optimization	0.0
12/24/2017	WSOLAR_Z_SOLAR I	SDGE	CAISO	1.9	market	0.0
12/24/2017	MSOLAR_2_SOLAR3	SDGE	System	2.1	optimization	0.0
,,			CAISO		market	0.0
12/24/2017	ORLND_6_SOLAR1	PGAE	System	0.0	optimization	0.0
					market	
12/24/2017	TULEWD_1_TULWD1	SDGE		25.0	optimization	0.0
40/05/0047	ANIZA C COLADA	CDOE		4.0	market	0.0
12/25/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization market	0.0
12/25/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
12/20/2017	6/12/ 66_6_6G2/(11)	ODGE	San	0.0	market	0.0
12/25/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
12/25/2017	COPMT2_2_SOLAR2	SCE	System	10.5	optimization	0.0
			CAISO		market	
12/25/2017	COPMT4_2_SOLAR4	SCE	System	7.4	optimization	0.0
12/25/2017	CDIDLY 6 SOLAD	PGAE	Sierra	0.1	market	0.0
12/25/2017	GRIDLY_6_SOLAR	PGAE	San	0.1	optimization market	0.0
12/25/2017	IVSLRP 2 SOLAR1	SDGE	Diego-IV	3.8	optimization	0.0
12,20,2011		0202	Diogo II	0.0	market	0.0
12/25/2017	MIDWYS_2_MIDSL1	SCE		45.0	optimization	0.0
			CAISO		market	
12/25/2017	MSOLAR_2_SOLAR1	SDGE	System	1.8	optimization	0.0
10/05/0017	MCOLAD 2 COLAD2	CDCE	CAISO	20.0	market	0.0
12/25/2017	MSOLAR_2_SOLAR3	SDGE	System CAISO	30.6	optimization market	0.0
12/25/2017	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
12/20/2011	- C. (2. (2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	1 0/12	CAISO	0	market	0.0
12/25/2017	SLUISP_2_UNITS	CWRP	System	79.9	optimization	0.0
					market	
12/25/2017	TRNQL8_2_AZUSR1	PGAE		15.0	optimization	0.0
40/05/0047	T. II 5\0\D 4 T. II \0\D4	0005		05.0	market	0.0
12/25/2017	TULEWD_1_TULWD1	SDGE		25.0	optimization market	0.0
12/26/2017	ANAHM_7_CT	ANHM	LA Basin	18.3	optimization	0.0
12/20/2017	744741141_7_01	7 (1 (1) (1)	L/ ( Basiii	10.0	market	0.0
12/26/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
12/26/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
10/00/55:-	0.17.11.4.0.00::	00.00	San		market	
12/26/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
12/26/2017	COPMT2 2 SOLAR2	SCE	CAISO System	10.5	market optimization	0.0
12/20/2017	OOI WITZ_Z_OOLANZ	- 00L	CAISO	10.5	market	0.0
12/26/2017	COPMT4_2_SOLAR4	SCE	System	12.6	optimization	0.0
				1	market	3.0
12/26/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Dato	1100001100		Area	RA	11000011	award
				MW		
					market	
12/26/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
10/06/0017	IVELDD 2 COLAD4	SDGE	San Diago IV	F 0	market	0.0
12/26/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	5.9	optimization market	0.0
12/26/2017	MIDWYS_2_MIDSL1	SCE		45.0	optimization	0.0
12/20/2011	WIID VV 10_2_IVIID 02 1	1002	San	10.0	market	0.0
12/26/2017	MRGT_6_MEF2	SDGE	Diego-IV	40.0	optimization	0.0
			San		market	
12/26/2017	MRGT_6_MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
10/00/001=		0005	CAISO		market	
12/26/2017	MSOLAR_2_SOLAR1	SDGE	System	1.6	optimization	0.0
12/26/2017	MSOLAR_2_SOLAR3	SDGE	CAISO System	1.6	market optimization	0.0
12/20/2017	WISOLAN_2_SOLANS	SDGE	CAISO	1.0	market	0.0
12/26/2017	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
			CAISO		market	
12/26/2017	PEABDY_2_LNDFL1	PGAE	System	0.9	optimization	0.0
			CAISO		market	
12/26/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
40/00/0047	DNOUDD 4 DLAVO 4	DO 4 F	<b>-</b>	0.0	market	0.0
12/26/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno CAISO	8.8	optimization	0.0
12/26/2017	REDBLF 6 UNIT	PGAE	System	13.9	market optimization	0.0
12/20/2017	NEDBEI _0_ONIT	TOAL	Oystern	13.3	market	0.0
12/26/2017	RVSIDE 2 RERCU3	RVSD	LA Basin	0.5	optimization	0.0
					market	
12/26/2017	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	optimization	0.0
					market	
12/26/2017	RVSIDE_6_RERCU2	RVSD	LA Basin	0.1	optimization	0.0
12/26/2017	TDNOI 9 2 AZUSD1	PGAE		15.1	market optimization	0.0
12/26/2017	TRNQL8_2_AZUSR1	PGAE		15.4	market	0.0
12/26/2017	TULEWD 1 TULWD1	SDGE		20.2	optimization	0.0
12/20/2011		1000			market	0.0
12/26/2017	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
					market	
12/26/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
40/00/0047	WESTET O LINUT		CAISO	0.0	market	0.0
12/26/2017	WESTPT_2_UNIT	PGAE	System	3.3	optimization market	0.0
12/27/2017	ANZA 6 SOLAR1	SDGE		1.0	optimization	0.0
12/21/2011	711127 (_0_0027 1117	UDUL		1.0	market	0.0
12/27/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
12/27/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
40/07/22/-	00DMT0 0 001 150	005	CAISO	40.4	market	2.5
12/27/2017	COPMT2_2_SOLAR2	SCE	System	10.1	optimization	0.0
12/27/2017	COPMT4 2 SOLAR4	SCE	CAISO	8.2	market optimization	0.0
12/21/2017	COFIVITA_Z_SULAR4	JOE	System CAISO	0.2	market	0.0
12/27/2017	ENWIND 2 WIND1	SCE	System	0.9	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
40/07/0047	OLNIADNA Z LINUT O	DAGA	LA Dasia	454	market	0.0
12/27/2017	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	optimization	0.0
12/27/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
12/21/2011	CRIBET_0_OCLAR	1 OAL	Olcita	0.1	market	0.0
12/27/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	optimization	0.0
			San		market	
12/27/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	9.5	optimization	0.0
					market	
12/27/2017	MIDWYS_2_MIDSL1	SCE		45.0	optimization	0.0
40/07/0047	MDOT C MEEO	0005	San	40.0	market	0.0
12/27/2017	MRGT_6_MEF2	SDGE	Diego-IV San	40.0	optimization market	0.0
12/27/2017	MRGT 6 MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
12/21/2011	WINGT_0_WIWARLE	JODGE	CAISO	40.0	market	0.0
12/27/2017	MSOLAR_2_SOLAR1	SDGE	System	1.6	optimization	0.0
	<del></del>		CAISO	_	market	
12/27/2017	MSOLAR_2_SOLAR3	SDGE	System	1.6	optimization	0.0
			CAISO		market	
12/27/2017	PNCHEG_2_PL1X4_1	PGAE	System	102.0	optimization	0.0
40/07/0047	DNOUES & DLAVA A	DO 4 E	CAISO	404.0	market	0.0
12/27/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
12/27/2017	REDBLF 6 UNIT	PGAE	CAISO System	5.6	market optimization	0.0
12/21/2017	REDBLF_0_UNIT	FGAL	System	5.0	market	0.0
12/27/2017	TRNQL8 2 AZUSR1	PGAE		15.8	optimization	0.0
12,21,2011					market	0.0
12/27/2017	TULEWD_1_TULWD1	SDGE		2.3	optimization	0.0
					market	
12/27/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
10/07/00/17		005			market	
12/27/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
12/27/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
12/21/2017	WALCKK_Z_CTG3	JOE	LA Dasiii	0.7	market	0.0
12/27/2017	WALCRK 2 CTG4	SCE	LA Basin	0.5	optimization	0.0
					market	
12/28/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
12/28/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
40/00/0047	CNITNII A O COLADO	0005	San	<b>50</b>	market	0.0
12/28/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization	0.0
12/28/2017	COPMT2_2_SOLAR2	SCE	System	10.5	market optimization	0.0
12/20/2017	OCT WITZ_Z_OOLANZ	OOL	CAISO	10.5	market	0.0
12/28/2017	COPMT4_2_SOLAR4	SCE	System	7.1	optimization	0.0
,					market	3.3
12/28/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
12/28/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
40/00/0047	LILIMDDD 4 LINITOO O	DOAE	الدادة والمورية	0.0	market	0.0
12/28/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
10/00/0017	LILIMADAD & LINITS 2	DCAE	Llumboldt	6.0	market	0.0
12/28/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt San	6.8	optimization market	0.0
12/28/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	9.8	optimization	0.0
			g		market	
12/28/2017	MIDWYS_2_MIDSL1	SCE		45.0	optimization	0.0
			San		market	
12/28/2017	MRGT_6_MEF2	SDGE	Diego-IV	40.0	optimization	0.0
40/00/0047	MCOLAD O COLADA	0005	CAISO	4 7	market	0.0
12/28/2017	MSOLAR_2_SOLAR1	SDGE	System CAISO	1.7	optimization market	0.0
12/28/2017	MSOLAR_2_SOLAR3	SDGE	System	1.7	optimization	0.0
12/20/2017	WOOD, W_2_OOD, WO	ODOL	CAISO	1.7	market	0.0
12/28/2017	PNCHEG_2_PL1X4_2	PGAE	System	204.0	optimization	0.0
			CAISO		market	
12/28/2017	RTREE_2_WIND1	SCE	System	0.6	optimization	0.0
					market	
12/28/2017	TRNQL8_2_AMASR1	PGAE		14.8	optimization	0.0
10/00/0017	TONOLO 2 AZUEDA	PGAE		15.0	market	0.0
12/28/2017	TRNQL8_2_AZUSR1	PGAE		15.3	optimization market	0.0
12/28/2017	TULEWD_1_TULWD1	SDGE		30.0	optimization	0.0
12/20/2017	1022775_1_1027751	0000		00.0	market	0.0
12/28/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
					market	
12/28/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
10/20/2017	ANZA 6 SOLAD1	CDCE		1.0	market	0.0
12/29/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization market	0.0
12/29/2017	CALPSS 6 SOLAR1	SDGE		3.0	optimization	0.0
12,20,2011		1000	San	0.0	market	0.0
12/29/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
12/29/2017	COPMT2_2_SOLAR2	SCE	System	10.4	optimization	0.0
40/00/0047	CODMT4 2 COLAD4	COF	CAISO	0.5	market	0.0
12/29/2017	COPMT4_2_SOLAR4	SCE	System	8.5	optimization market	0.0
12/29/2017	GRIDLY 6 SOLAR	PGAE	Sierra	0.1	optimization	0.0
12/20/2017	ONIDE1_0_002, III	1 0/12	Ciorra	0.1	market	0.0
12/29/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.7	optimization	0.0
			San		market	
12/29/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	9.9	optimization	0.0
40/00/0047	MIDWAY O MIDOLA	005		45.0	market	0.0
12/29/2017	MIDWYS_2_MIDSL1	SCE	CAISO	45.0	optimization market	0.0
12/29/2017	MSOLAR_2_SOLAR1	SDGE	System	1.7	optimization	0.0
12,20,2011	MOOLAIN_L_OOLAINI	0000	CAISO	1.7	market	0.0
12/29/2017	MSOLAR_2_SOLAR3	SDGE	System	1.7	optimization	0.0
			CAISO		market	
12/29/2017	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
40/00/004	THE CARD 4 THE SAID 4	0005		400	market	2.2
12/29/2017	TULEWD_1_TULWD1	SDGE		10.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
2 4.0			Area	RA		award
				MW		
40/00/0047	WALCOK 2 CTC2	COF	I A Doois	0.0	market	0.0
12/29/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization market	0.0
12/30/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
,,					market	0.0
12/30/2017	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
12/30/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
12/30/2017	CODMT2 2 SOLAB2	SCE	CAISO System	0.7	market	0.0
12/30/2017	COPMT2_2_SOLAR2	SCE	CAISO	0.7	optimization market	0.0
12/30/2017	COPMT4_2_SOLAR4	SCE	System	12.4	optimization	0.0
,,					market	
12/30/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
12/30/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	5.7	optimization	0.0
12/30/2017	IVSLRP 2 SOLAR1	SDGE	San Diego-IV	9.9	market optimization	0.0
12/30/2017	TVSERF_Z_SOLART	JUGE	Diego-iv	3.3	market	0.0
12/30/2017	MIDWYS 2 MIDSL1	SCE		45.0	optimization	0.0
			CAISO		market	
12/30/2017	MSOLAR_2_SOLAR1	SDGE	System	1.6	optimization	0.0
40/00/004	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0000	CAISO		market	
12/30/2017	MSOLAR_2_SOLAR3	SDGE	System CAISO	1.6	optimization	0.0
12/30/2017	RTREE_2_WIND1	SCE	System	0.4	market optimization	0.0
12/30/2017	NINCE_Z_VVIIVD1	JOOL	Oystem	0.4	market	0.0
12/30/2017	TULEWD_1_TULWD1	SDGE		90.0	optimization	0.0
					market	
12/31/2017	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
40/04/0047	CALDES C COLADA	CDCE		2.0	market	0.0
12/31/2017	CALPSS_6_SOLAR1	SDGE	San	3.0	optimization market	0.0
12/31/2017	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
12/01/2017		0202	CAISO	0.0	market	0.0
12/31/2017	COPMT2_2_SOLAR2	SCE	System	7.5	optimization	0.0
			CAISO		market	
12/31/2017	COPMT4_2_SOLAR4	SCE	System	5.0	optimization	0.0
12/31/2017	DELTA_2_PL1X4_2X1	PGAE	Bay Area	100.2	market optimization	0.0
12/31/2017	DEETA_Z_TETA4_ZXT	TOAL	Day Alea	100.2	market	0.0
12/31/2017	DELTA_2_PL1X4_3X0	PGAE	Bay Area	120.6	optimization	0.0
					market	
12/31/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
40/04/004=	LILIMDDD 4 LINUTOS S	DO 4 F	11	4.0	market	2.2
12/31/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt San	4.0	optimization market	0.0
12/31/2017	IVSLRP_2_SOLAR1	SDGE	Diego-IV	3.1	optimization	0.0
12,31,2017		3532	2.0g0 1v	5.1	market	3.0
12/31/2017	MIDWYS_2_MIDSL1	SCE		45.0	optimization	0.0
			CAISO		market	
12/31/2017	MSOLAR_2_SOLAR1	SDGE	System	0.8	optimization	0.0

Date	Resource	UDC	Local Area	Non RA	Reason	RUC award
				MW		
			CAISO		market	
12/31/2017	MSOLAR_2_SOLAR3	SDGE	System	0.8	optimization	0.0
			CAISO		market	
12/31/2017	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
			CAISO		market	
12/31/2017	REDBLF_6_UNIT	PGAE	System	5.6	optimization	0.0
					market	
12/31/2017	TULEWD_1_TULWD1	SDGE		78.1	optimization	0.0