

## Non Resource Adequacy Capacity Report

February 2018

**CAISO Market Quality and Renewable Integration** 

March 12, 2018

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## Introduction

This report is produced pursuant to CAISO Tariff Section 43A.6.3, which requires the ISO to publish a monthly report non-resource adequacy (RA) capacity in the ISO markets through market and non-market transactions. Section 43A.6.3 also requires the ISO to publish the report on the 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 February 2018.

## The Content of the Non RA Capacity Report

The report includes the following information:

- (a) the name of the resource with non-RA capacity;
- (b) The utility service area and local capacity area (if applicable);
- (c) the maximum amount of non-RA capacity committed in response to the event (MW);
- (d) how the non-RA capacity was procured (for example, by 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 February 2018. If there is non-RA capacity committed by ED, the commitment reason will be "ED: *the specific ED reason.*"

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

Capacity Payment Mechanism (CPM) capacity was used first and, if not, why. Non-RA capacity can be committed by the market, RUC or exceptional dispactch.

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

Table 1: Non RA Capacity in February 2018

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
2/1/2018	ANZA_6_SOLAR1	SDGE		1.4	market optimization	0.0
2/1/2010	ANZA_0_SOLART	SDGE		1.4	market	0.0
2/1/2018	BNNIEN_7_ALTAPH	PGAE	Sierra	0.2	optimization	0.0
	_ = : : : : = : : = : : : : : : : : : :				market	
2/1/2018	BUCKCK_2_HYDRO	PGAE	Sierra	0.3	optimization	0.0
					market	
2/1/2018	BUCKCK_7_OAKFLT	PGAE	Sierra	0.4	optimization	0.0
					market	
2/1/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
2/1/2019	CNITNI A 2 SOLAD2	CDCE	San	F 0	market	0.0
2/1/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization market	0.0
2/1/2018	COPMT2 2 SOLAR2	SCE	System	10.9	optimization	0.0
2/1/2010	OOT WITZ_Z_OOLARZ	OOL	CAISO	10.5	market	0.0
2/1/2018	COPMT4_2_SOLAR4	SCE	System	13.0	optimization	0.0
			CAISO		market	0.0
2/1/2018	COPMTN_2_CM10	SCE	System	0.0	optimization	0.0
			,		market	
2/1/2018	CRESTA_7_PL1X2	PGAE	Sierra	14.5	optimization	0.0
					market	
2/1/2018	DUTCH1_7_UNIT 1	PGAE	Sierra	9.5	optimization	0.0
0/4/0040		5045	CAISO		market	
2/1/2018	ESQUON_6_LNDFIL	PGAE	System	2.1	optimization	0.0
2/1/2018	GLNARM 7 UNIT 3	PASA	LA Basin	5.2	market optimization	0.0
2/1/2016	GLINARIVI_7_UNIT 3	PASA	Big	5.2	optimization	0.0
			Creek-		market	
2/1/2018	GOLETA 6 TAJIGS	SCE	Ventura	0.0	optimization	0.0
					market	
2/1/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
			San		market	
2/1/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	8.1	optimization	0.0
					market	
2/1/2018	KERKH2_7_UNIT 1	PGAE	Fresno	48.1	optimization	0.0
0/4/0040	ODIND C COLADA	DOAE	CAISO	0.4	market	0.0
2/1/2018	ORLND_6_SOLAR1	PGAE	System CAISO	0.1	optimization	0.0
2/1/2018	PEABDY_2_LNDFL1	PGAE	System	2.6	market optimization	0.0
2/1/2010	LADDI_Z_LIVDI LI	TOAL	San	2.0	market	0.0
2/1/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	6.7	optimization	0.0
			San	<u> </u>	market	
2/1/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	9.3	optimization	0.0
			San		market	
2/1/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	7.9	optimization	0.0
			CAISO		market	
2/1/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
2/4/2042	PHONDO 3 OF	COF	I A Dasia	4.0	market	0.0
2/1/2018	RHONDO_2_QF	SCE	LA Basin	1.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	110000100		Area	RA	riodoon	award
				MW		
					market	
2/1/2018	RICHMN_7_BAYENV	PGAE	Bay Area	0.8	optimization	0.0
			l <u>.</u> .		market	
2/2/2018	ANAHM_2_CANYN1	ANHM	LA Basin	11.0	optimization	0.0
0/0/0040	ANIZA 0 001 AD4	0005			market	0.0
2/2/2018	ANZA_6_SOLAR1	SDGE		1.4	optimization	0.0
2/2/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
2/2/2010	CALI 30_0_0CART	SDGL	San	3.0	market	0.0
2/2/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO	0.0	market	0.0
2/2/2018	COPMT2_2_SOLAR2	SCE	System	14.0	optimization	0.0
			CAISO		market	
2/2/2018	COPMT4_2_SOLAR4	SCE	System	15.5	optimization	0.0
			CAISO		market	
2/2/2018	COPMTN_2_CM10	SCE	System	0.2	optimization	0.0
0/0/0040	00,00,00		٥.		market	
2/2/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
2/2/2018	IVSLRP_2_SOLAR1	SDGE	San Diago IV	7.7	market optimization	0.0
2/2/2010	IVSERF_2_SOLART	SDGE	Diego-IV CAISO	7.7	market	0.0
2/2/2018	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
2/2/2010	ONEIND_O_GGE/II()	1 0/12	San	0.1	market	0.0
2/2/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	7.9	optimization	0.0
	1 1		CAISO		market	
2/2/2018	PIT5_7_PL1X2	PGAE	System	64.5	optimization	0.0
			CAISO		market	
2/2/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
					market	
2/3/2018	ANZA_6_SOLAR1	SDGE		1.7	optimization	0.0
0/0/0040	CALDOS C COLADA	0005		2.0	market	0.0
2/3/2018	CALPSS_6_SOLAR1	SDGE	San	3.0	optimization market	0.0
2/3/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
2/3/2010	CIVITILA_Z_GOLARZ	SDGL	CAISO	3.0	market	0.0
2/3/2018	COPMT2_2_SOLAR2	SCE	System	12.4	optimization	0.0
			CAISO		market	0.10
2/3/2018	COPMT4_2_SOLAR4	SCE	System	15.5	optimization	0.0
			CAISO		market	
2/3/2018	COPMTN_2_CM10	SCE	System	0.1	optimization	0.0
- /- /					market	
2/3/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
2/2/2010	IVELDD 2 SOLAD4	SDGE	San Diogo IV	0.0	market	0.0
2/3/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV CAISO	8.0	optimization market	0.0
2/3/2018	PNCHEG_2_PL1X4_2	PGAE	System	150.6	optimization	0.0
2,0,2010	11131123_2_1 21/17_2	IOAL	System	100.0	market	0.0
2/3/2018	RVSIDE 2 RERCU3	RVSD	LA Basin	0.5	optimization	0.0
				1 2.3	market	
2/4/2018	ANZA_6_SOLAR1	SDGE		1.7	optimization	0.0
				]	market	
2/4/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			7 11 0 4	MW		awara
			San		market	
2/4/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
2/4/2018	COPMT2_2_SOLAR2	SCE	System	13.4	optimization	0.0
			CAISO		market	
2/4/2018	COPMT4_2_SOLAR4	SCE	System	17.5	optimization	0.0
			CAISO		market	
2/4/2018	COPMTN_2_CM10	SCE	System	0.2	optimization	0.0
0/4/0040	0		l		market	
2/4/2018	GLNARM_7_UNIT 4	PASA	LA Basin	20.5	optimization	0.0
0/4/0040		DOAF	0	0.4	market	0.0
2/4/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
2/4/2018	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	10.3	market optimization	0.0
2/4/2010	IVSLRP_2_SOLART	SDGE	CAISO	10.3	market	0.0
2/4/2018	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
2/4/2010	OKEND_0_SOLAKT	TOAL	CAISO	0.1	market	0.0
2/4/2018	PNCHEG 2 PL1X4 4	PGAE	System	301.3	optimization	0.0
2/ 1/2010	11101120_2_1 21111_1	1 0/12	Big	001.0	optimization	0.0
			Creek-		market	
2/4/2018	SUNSHN_2_LNDFL	PGAE	Ventura	2.1	optimization	0.0
					market	
2/5/2018	ANZA_6_SOLAR1	SDGE		1.7	optimization	0.0
					market	
2/5/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
2/5/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
- /- /			CAISO		market	
2/5/2018	COPMT2_2_SOLAR2	SCE	System	14.7	optimization	0.0
0/5/0040	CODMITA O COLADA	005	CAISO	70.7	market	0.0
2/5/2018	COPMT4_2_SOLAR4	SCE	System	76.7	optimization	0.0
2/5/2018	GRIDLY 6 SOLAR	PGAE	Sierra	0.1	market optimization	0.0
2/3/2010	GRIDET_0_SOLAR	FOAL	CAISO	0.1	market	0.0
2/5/2018	GRNVLY_7_SCLAND	PGAE	System	0.9	optimization	0.0
2/0/2010	CHAVET_1_GGE/AND	1 O/ L	San	0.5	market	0.0
2/5/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	11.7	optimization	0.0
			Big		•	
			Creek-		market	
2/5/2018	MOORPK_6_QF	SCE	Ventura	2.2	optimization	0.0
			San		market	
2/5/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	6.7	optimization	0.0
			San		market	
2/5/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	9.3	optimization	0.0
0/5/22/5	DIODIO O OTOS	0005	San		market	
2/5/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	7.9	optimization	0.0
0/5/0040	DITC 7 LINIT 0	DC 4 F	CAISO	20.5	market	0.0
2/5/2018	PIT6_7_UNIT 2	PGAE	System	39.5	optimization	0.0
2/5/2019	DNCHEC 2 DIAVA 2	PGAE	CAISO	150.6	market	0.0
2/5/2018	PNCHEG_2_PL1X4_2	FGAE	System	150.6	optimization market	0.0
2/6/2018	ANAHM_2_CANYN1	ANHM	LA Basin	11.0	optimization	0.0
2/0/2010	ANALIW_Z_CANTINI	L VIAL IIAI	בת שמאווו	11.0	opumization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
					market	
2/6/2018	ANZA_6_SOLAR1	SDGE		1.7	optimization	0.0
0/0/0040	CALDOS C COLADA	CDOE		2.0	market	0.0
2/6/2018	CALPSS_6_SOLAR1	SDGE	CAISO	3.0	optimization	0.0
2/6/2018	CARBOU_7_PL4X5	PGAE	System	29.4	market optimization	0.0
2/0/2010	CARBOO_7_FE4X5	FOAL	System	23.4	market	0.0
2/6/2018	CHICPK_7_UNIT 1	PGAE	Sierra	4.4	optimization	0.0
			San		market	
2/6/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
2/6/2018	COPMT2_2_SOLAR2	SCE	System	15.3	optimization	0.0
			CAISO		market	
2/6/2018	COPMT4_2_SOLAR4	SCE	System	20.5	optimization	0.0
0/0/0040	CODMIN 2 CM40	SCE	CAISO	0.0	market	0.0
2/6/2018	COPMTN_2_CM10	SCE	System San	0.3	optimization market	0.0
2/6/2018	ENCINA_7_GT1	SDGE	Diego-IV	14.5	optimization	0.0
2/0/2010	LINGHY/_/_OTT	ODGL	Diego IV	14.5	market	0.0
2/6/2018	GLNARM 7 UNIT 3	PASA	LA Basin	5.2	optimization	0.0
					market	
2/6/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
			San		market	
2/6/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	11.8	optimization	0.0
					market	
2/6/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	optimization	0.0
2/6/2019	DNCHEC 2 DIAVA 4	DCAE	CAISO	220.7	market	0.0
2/6/2018	PNCHEG_2_PL1X4_4	PGAE	System	320.7	optimization market	0.0
2/7/2018	ALAMIT 7 UNIT 2	SCE	LA Basin	4.6	optimization	10.0
2/1/2010	ALAWIT_7_OTTT 2	JOOL	LA Dasin	7.0	market	10.0
2/7/2018	ALAMIT_7_UNIT 3	SCE	LA Basin	30.3	optimization	0.0
					market	
2/7/2018	ANZA_6_SOLAR1	SDGE		1.8	optimization	0.0
					market	
2/7/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	optimization	0.0
0/7/0040		0005		0.0	market	0.0
2/7/2018	CALPSS_6_SOLAR1	SDGE	CAICO	3.0	optimization	0.0
2/7/2018	CARBOU 7 PL4X5	PGAE	CAISO System	51.0	market optimization	0.0
2/1/2010	CARBOU_7_PL4X5	PGAE	San	31.0	market	0.0
2/7/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
2,172010	0111112/ <u>-</u> 2_002/11/2	ODOL	CAISO	0.0	market	0.0
2/7/2018	COPMT2_2_SOLAR2	SCE	System	17.6	optimization	0.0
			CAISO		market	
2/7/2018	COPMTN_2_CM10	SCE	System	0.2	optimization	0.0
			San		market	
2/7/2018	ENCINA_7_GT1	SDGE	Diego-IV	11.2	optimization	0.0
			Big		and a dead	
2/7/2040	CLOW 6 SOLAD	80F	Creek-	2.4	market	0.0
2/7/2018	GLOW_6_SOLAR	SCE	Ventura	2.4	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
				MW		
					market	
2/7/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
0/7/0040	LILINADDD 4 LINITOO 0	DO 4 E	11	4.5	market	0.0
2/7/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization market	0.0
2/7/2018	HUMBPP 1 UNITS3 3	PGAE	Humboldt	6.8	optimization	0.0
2/1/2010	110101011 _1_0111103_3	TOAL	San	0.0	market	0.0
2/7/2018	IVSLRP 2 SOLAR1	SDGE	Diego-IV	11.8	optimization	0.0
					market	
2/7/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	optimization	0.0
			CAISO		market	
2/7/2018	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
0/7/0040	DIODIC 2 CTC4	CDCE	San	6.7	market	0.0
2/7/2018	PIOPIC_2_CTG1	SDGE	Diego-IV San	6.7	optimization market	0.0
2/7/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	9.3	optimization	0.0
2/1/2010	110110_2_0102	ODOL	CAISO	3.0	market	0.0
2/7/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
					market	
2/8/2018	ALAMIT_7_UNIT 3	SCE	LA Basin	30.3	optimization	0.0
					market	
2/8/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
0/0/0040	CALBOO C COLADA	CDOE		0.0	market	0.0
2/8/2018	CALPSS_6_SOLAR1	SDGE	San	3.0	optimization market	0.0
2/8/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
2/0/2010	ONTINE/(_Z_GGE/)(\Z	ODOL	CAISO	0.0	market	0.0
2/8/2018	COPMT2_2_SOLAR2	SCE	System	19.0	optimization	0.0
			CAISO		market	
2/8/2018	COPMT4_2_SOLAR4	SCE	System	23.1	optimization	0.0
			CAISO		market	
2/8/2018	COPMTN_2_CM10	SCE	System	0.0	optimization	0.0
2/0/2010	ENGINA 7 CT4	SDGE	San	445	market	0.0
2/8/2018	ENCINA_7_GT1	SDGE	Diego-IV	14.5	optimization market	0.0
2/8/2018	GRIDLY 6 SOLAR	PGAE	Sierra	0.1	optimization	0.0
2/0/2010	GRIDET_G_GGE/AR	1 O/L	Olema	0.1	market	0.0
2/8/2018	GRSCRK_6_BGCKWW	PGAE	Humboldt	0.9	optimization	0.0
					market	
2/8/2018	HNTGBH_7_UNIT 2_C2	SCE	LA Basin	101.3	optimization	0.0
- /- /					market	
2/8/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
2/8/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.0	market optimization	0.0
2/0/2010	HOWDER_I_UNITOS_S	FGAE	Tiullibulul	0.0	market	0.0
2/8/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.6	optimization	0.0
		. 0,	San	0.0	market	3.0
2/8/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	15.4	optimization	0.0
					market	
2/8/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	optimization	0.0
0/0/07:5	MO INVE ( O'DITO:	0.4.5.5			market	
2/8/2018	MOJAVE_1_SIPHON	CWRS	LA Basin	5.0	optimization	0.0

Date	Pocourco	UDC	Local	Non	Reason	RUC
Date	Resource	UDC	Area	RA	Reason	award
			71100	MW		awara
			CAISO		market	
2/8/2018	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
					market	
2/8/2018	PLMSSR_6_HISIER	NCPA		2.1	optimization	0.0
			CAISO		market	
2/8/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
0/0/0040	ALANAIT ZUNUTO	005	I A Desir	00.5	market	0.0
2/9/2018	ALAMIT_7_UNIT 3	SCE	LA Basin	33.5	optimization	0.0
2/9/2018	ANAHM_2_CANYN1	ANHM	LA Basin	11.0	market optimization	0.0
2/3/2010	ANAIW_Z_CANTINI	AINIIIVI	LA Dasiii	11.0	market	0.0
2/9/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	0.0
2/9/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
2/9/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
2/9/2018	COPMT2_2_SOLAR2	SCE	System	18.6	optimization	0.0
0/0/0040	0001474 0 001454	205	CAISO	04.0	market	0.0
2/9/2018	COPMT4_2_SOLAR4	SCE	System	21.6	optimization	0.0
2/0/2019	CODMIN 2 CM10	SCE	CAISO	0.1	market	0.0
2/9/2018	COPMTN_2_CM10	SUE	System	0.1	optimization market	0.0
2/9/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.2	optimization	0.0
2/3/2010	ONIDET_O_GGE/IN	1 0/12	Olema	0.2	market	0.0
2/9/2018	HINSON_6_LBECH2	SCE	LA Basin	4.0	optimization	0.0
				_	market	
2/9/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
			San		market	
2/9/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	18.6	optimization	0.0
- /- /					market	
2/9/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	optimization	0.0
2/0/2019	ODIND 6 SOLADA	PGAE	CAISO	0.1	market	0.0
2/9/2018	ORLND_6_SOLAR1	PGAE	System San	0.1	optimization market	0.0
2/9/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	8.5	optimization	0.0
2/3/2010	110110_2_0101	ODOL	San	0.5	market	0.0
2/9/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	9.3	optimization	0.0
			CAISO		market	
2/9/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
					market	
2/9/2018	WISHON_6_UNITS	PGAE	Fresno	2.3	optimization	0.0
0/40/0040	ANIZA C COL ADI	0000		4.0	market	2.2
2/10/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
2/10/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
2/10/2010	CALFOO_U_OULART	SDGE	San	3.0	market	0.0
2/10/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
2, 10,2010		3532	CAISO	0.0	market	3.0
2/10/2018	COPMT2_2_SOLAR2	SCE	System	12.8	optimization	0.0
			CAISO		market	
2/10/2018	COPMT4_2_SOLAR4	SCE	System	17.5	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			7.100	MW		awara
			CAISO		market	
2/10/2018	COPMTN_2_CM10	SCE	System	0.1	optimization	0.0
			San		market	
2/10/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	19.7	optimization	0.0
			CAISO		market	
2/10/2018	LOWGAP_7_QFUNTS	PGAE	System	0.9	optimization	0.0
_ ,			1		market	
2/10/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	optimization	0.0
0/40/0040	14074110 0 001 454	DO 4 E	_	0.4	market	0.0
2/10/2018	MSTANG_2_SOLAR4	PGAE	Fresno	2.4	optimization	0.0
0/40/0040	DNCHEC 2 DIAVA 2	DCAE	CAISO	204.0	market	0.0
2/10/2018	PNCHEG_2_PL1X4_2	PGAE	System	204.0	optimization	0.0
2/11/2018	7STDRD_1_SOLAR1	PGAE	Kern	15.6	market optimization	0.0
2/11/2010	731BKD_1_30LAK1	FOAL	Kem	13.0	market	0.0
2/11/2018	ANZA 6 SOLAR1	SDGE		1.0	optimization	0.0
2/11/2010	NIVER_O_OOLAITI	ODOL		1.0	market	0.0
2/11/2018	CALPSS 6 SOLAR1	SDGE		3.0	optimization	0.0
2,11,2010	67 tel 66_6_6	0002	San	0.0	market	0.0
2/11/2018	CNTNLA 2 SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
2/11/2018	COPMT2_2_SOLAR2	SCE	System	19.8	optimization	0.0
			CAISO		market	
2/11/2018	COPMTN_2_CM10	SCE	System	0.2	optimization	0.0
					market	
2/11/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
	<u>-</u>		l		market	
2/11/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
0/44/0040	LILIMADDD 4 LINITOO 4	DOAF	I loves be a lak	7.0	market	0.0
2/11/2018	HUMBPP_1_UNITS3_4	PGAE	Humboldt San	7.0	optimization	0.0
2/11/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	19.7	market optimization	0.0
2/11/2010	TVSLRF_2_SOLART	SDGE	Diego-iv	19.7	market	0.0
2/11/2018	MIRLOM 6 PEAKER	SCE	LA Basin	46.0	optimization	0.0
2/11/2010	MINCON_O_I LANCIN	OOL	LA Dasin	70.0	market	0.0
2/11/2018	MSTANG 2 SOLAR4	PGAE	Fresno	2.6	optimization	0.0
			CAISO		market	0.0
2/11/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
					market	
2/11/2018	TRNQLT_2_SOLAR	PGAE	Fresno	0.4	optimization	0.0
					market	
2/12/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
			CAISO		market	
2/12/2018	BURNYF_2_UNIT 1	PGAE	System	4.2	optimization	0.0
	044 000 - 004 -	07.5=			market	<u>.</u> -
2/12/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
0/40/0046	CNITNII A C COL ABO	0005	San		market	0.0
2/12/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
2/12/2010	CODMT2 2 SOLAD2	80F	CAISO	40.0	market	0.0
2/12/2018	COPMT2_2_SOLAR2	SCE	System CAISO	19.8	optimization	0.0
2/12/2018	COPMT4_2_SOLAR4	SCE	System	22.9	market optimization	0.0
2/12/2010	OUT WITH_Z_SULAR4	JUCE	Joystelli	22.9	υριππιΖαιίυπ	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			71100	MW		awara
			CAISO		market	
2/12/2018	COPMTN_2_CM10	SCE	System	0.0	optimization	0.0
			CAISO		market	
2/12/2018	ESQUON_6_LNDFIL	PGAE	System	2.1	optimization	0.0
					market	
2/12/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
2/12/2018	GRNLF2_1_UNIT	PGAE	Sierra	7.9	optimization	0.0
0/40/0040		50.5			market	
2/12/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
0/40/0040	LILIMADED C LINITO O	DOAE	I I was be a lafe	0.0	market	0.0
2/12/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt CAISO	6.8	optimization	0.0
2/12/2018	IVANDA 4 LINITS	SCE		42.2	market optimization	0.0
2/12/2010	IVANPA_1_UNIT3	SUE	System San	42.2	market	0.0
2/12/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	19.9	optimization	0.0
2/12/2010	TVOLICI _Z_GOLAICI	JODGE	Diego-iv	13.3	market	0.0
2/12/2018	MIRLOM 6 PEAKER	SCE	LA Basin	46.0	optimization	0.0
2,12,2010	WINCEONI_O_I EXILER	1002	Big	10.0	optimization	0.0
			Creek-		market	
2/12/2018	MOORPK_6_QF	SCE	Ventura	2.2	optimization	0.0
					market	
2/12/2018	MSTANG_2_SOLAR4	PGAE	Fresno	1.5	optimization	0.0
			San		market	
2/12/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	7.7	optimization	0.0
			San		market	
2/12/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	9.3	optimization	0.0
			San		market	
2/12/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	8.7	optimization	0.0
0/40/0040	DNOUEC O DLAVA A	DOAE	CAISO	404.0	market	0.0
2/12/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
2/12/2018	RVSIDE 2 RERCU3	RVSD	LA Basin	0.5	market	0.0
2/12/2010	RVSIDE_2_RERCUS	KVSD	LA Dasiii	0.5	optimization market	0.0
2/12/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	optimization	0.0
2/12/2010	KVOIDE_Z_KEKOO4	INVOD	LA Dasin	0.5	market	0.0
2/12/2018	SMUDGO 7 UNIT 1	PGAE	NCNB	6.0	optimization	0.0
_, :_,_0:0		1 0/12	CAISO	0.0	market	0.0
2/12/2018	VACADX 1 UNITA1 1X1	PGAE	System	1.0	optimization	0.0
					market	
2/12/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
			Big			
			Creek-		market	
2/12/2018	WARNE_2_UNIT	CWRS	Ventura	2.0	optimization	0.0
					market	
2/13/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
0/40/0040	041 000 0 001 454	0005		0.0	market	0.0
2/13/2018	CALPSS_6_SOLAR1	SDGE	CAICO	3.0	optimization	0.0
2/12/2010	CARROLL 7 DLOVO	DC A E	CAISO	10.0	market	0.0
2/13/2018	CARBOU_7_PL2X3	PGAE	System San	10.0	optimization	0.0
2/13/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	market optimization	0.0
2/13/2010	ONTINEA_Z_SULARZ	JOUGE	Diego-IV	5.0	opumization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA	100.000	award
				MW		
_ ,			CAISO		market	
2/13/2018	COPMT2_2_SOLAR2	SCE	System	10.3	optimization	0.0
2/12/2019	CODMT4 2 SOLAD4	SCE	CAISO	0.6	market	0.0
2/13/2018	COPMT4_2_SOLAR4	SCE	System CAISO	8.6	optimization market	0.0
2/13/2018	COPMTN 2 CM10	SCE	System	0.1	optimization	0.0
2/10/2010			San	0.1	market	0.0
2/13/2018	CSLR4S_2_SOLAR	SDGE	Diego-IV	1.9	optimization	0.0
					market	
2/13/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
0/40/0040		DO 4 E		4.5	market	0.0
2/13/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
2/13/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
211312010	110WD11 _0_0W110_0	1 OAL	San	0.0	market	0.0
2/13/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	24.4	optimization	0.0
					market	
2/13/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	optimization	0.0
_ ,			_		market	
2/13/2018	MSTANG_2_SOLAR4	PGAE	Fresno	3.6	optimization	0.0
2/12/2019	OBLND 6 SOLADA	DCAE	CAISO	0.4	market	0.0
2/13/2018	ORLND_6_SOLAR1	PGAE	System San	0.1	optimization market	0.0
2/13/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	8.4	optimization	0.0
			San	<u> </u>	market	0.0
2/13/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	9.3	optimization	0.0
			San		market	
2/13/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	9.3	optimization	0.0
0/40/0040	DITO 7 DI 4VO	DOAF	CAISO	7.5	market	0.0
2/13/2018	PIT3_7_PL1X3	PGAE	System CAISO	7.5	optimization market	0.0
2/13/2018	PNCHEG_2_PL1X4_1	PGAE	System	23.4	optimization	0.0
2,10,2010	11101120_2_1 21111_1	1 0/12	CAISO	20.1	market	0.0
2/13/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
					market	
2/13/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
0/44/0040	ALMEOT A LINUT A	NODA	D	0.4	market	0.0
2/14/2018	ALMEGT_1_UNIT 1	NCPA	Bay Area	0.4	optimization	0.0
2/14/2018	ALMEGT_1_UNIT 2	NCPA	Bay Area	0.5	market optimization	0.0
2/14/2010	ALMEGI_I_ONIT 2	INOLA	Day Alea	0.5	market	0.0
2/14/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
2/14/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	optimization	0.0
0/4 //05 : 5	0.41.000 0.001.101	05.6=			market	
2/14/2018	CALPSS_6_SOLAR1	SDGE	Com	3.0	optimization	0.0
2/14/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
2/14/2010	GNTINLA_Z_SOLARZ	SDGE	CAISO	5.0	market	0.0
2/14/2018	COPMT2_2_SOLAR2	SCE	System	10.2	optimization	0.0
0.3			CAISO		market	
2/14/2018	COPMT4_2_SOLAR4	SCE	System	8.6	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
0/4.4/004.0	00011711 0 01110	005	CAISO		market	
2/14/2018	COPMTN_2_CM10	SCE	System	0.2	optimization	0.0
			Big Creek-		ma a wisa t	
2/14/2018	GOLETA_6_TAJIGS	SCE	Ventura	0.0	market optimization	0.0
2/14/2010	GOLL TA_0_TASIGS	JUL	ventura	0.0	market	0.0
2/14/2018	GRIDLY 6 SOLAR	PGAE	Sierra	0.1	optimization	0.0
			CAISO		market	
2/14/2018	HOLGAT_1_BORAX	SCE	System	1.2	optimization	0.0
					market	
2/14/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
- / /	<u></u>				market	
2/14/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	7.3	optimization	0.0
2/14/2019	METANC 2 COLADA	DCAE	France	1 5	market	0.0
2/14/2018	MSTANG_2_SOLAR4	PGAE	Fresno CAISO	1.5	optimization market	0.0
2/14/2018	ORLND_6_SOLAR1	PGAE	System	0.7	optimization	0.0
2/14/2010	OKEND_0_GGEART	TOAL	San	0.7	market	0.0
2/14/2018	PIOPIC 2 CTG2	SDGE	Diego-IV	9.3	optimization	0.0
			CAISO		market	
2/14/2018	PNCHEG_2_PL1X4_1	PGAE	System	75.3	optimization	0.0
			CAISO		market	
2/14/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
0/44/0040	DIDEE O WINDA	005	CAISO	44.7	market	0.0
2/14/2018	RTREE_2_WIND1	SCE	System	11.7	optimization market	0.0
2/14/2018	SANTGO_2_LNDFL1	SCE	LA Basin	5.4	optimization	0.0
2/14/2010	SANTOO_Z_LINDI ET	JOL	LA Dasiii	5.4	market	0.0
2/14/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	optimization	0.0
		0.00			market	0.10
2/15/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
2/15/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	optimization	0.0
0/45/0040	041 500 0 001 454	0005		0.0	market	0.0
2/15/2018	CALPSS_6_SOLAR1	SDGE	04100	3.0	optimization	0.0
2/15/2018	CARBOU 7 PL2X3	PGAE	CAISO System	10.5	market optimization	0.0
2/13/2010	CARBOO_1_F L2X3	FUAL	San	10.5	market	0.0
2/15/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
		0202	CAISO	0.0	market	0.0
2/15/2018	COPMT2_2_SOLAR2	SCE	System	20.9	optimization	0.0
			CAISO		market	
2/15/2018	COPMT4_2_SOLAR4	SCE	System	17.0	optimization	0.0
			CAISO		market	
2/15/2018	COPMTN_2_CM10	SCE	System	0.4	optimization	0.0
2/15/2010	HAVDDO 6 OFUNTO	DC A E	Ciorro	0.0	market	0.0
2/15/2018	HAYPRS_6_QFUNTS	PGAE	Sierra	0.3	optimization market	0.0
2/15/2018	MIRLOM 6 PEAKER	SCE	LA Basin	46.0	optimization	0.0
2, 10,2010	Com_o_i L/MLIX	552	CAISO	+0.0	market	0.0
2/15/2018	MSOLAR_2_SOLAR1	SDGE	System	4.6	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			7.1.00	MW		anara
					market	
2/15/2018	MSTANG_2_SOLAR4	PGAE	Fresno	3.5	optimization	0.0
			San		market	
2/15/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	8.5	optimization	0.0
0/45/0049	DIODIC 2 CTC2	SDGE	San Diago IV	0.2	market optimization	0.0
2/15/2018	PIOPIC_2_CTG3	SDGE	Diego-IV CAISO	9.3	market	0.0
2/15/2018	PNCHEG 2 PL1X4 1	PGAE	System	46.8	optimization	0.0
			CAISO		market	0.0
2/15/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
					market	
2/16/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
0/40/0040	041 500 0 001 454	0005			market	0.0
2/16/2018	CALPSS_6_SOLAR1	SDGE	San	3.0	optimization	0.0
2/16/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	market optimization	0.0
2/10/2010	CIVINEA_2_OOLAN2	ODOL	CAISO	3.0	market	0.0
2/16/2018	COPMT2_2_SOLAR2	SCE	System	13.7	optimization	0.0
			CAISO		market	
2/16/2018	COPMTN_2_CM10	SCE	System	0.5	optimization	0.0
					market	
2/16/2018	GATWAY_2_PL1X3_2X1DF	PGAE	Bay Area	12.3	optimization	0.0
0/40/0040	LILIMBDD 4 LINITCO 0	DCAE	l li una la allalá		market	0.0
2/16/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization market	0.0
2/16/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
2/10/2010		1 0/12	Trambolat	0.0	market	0.0
2/16/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	optimization	0.0
					market	
2/16/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	optimization	0.0
0/40/0040	14074110 0 001454	DO 4 E	_	4.0	market	0.0
2/16/2018	MSTANG_2_SOLAR4	PGAE	Fresno	4.2	optimization	0.0
2/16/2018	OXMTN 6 LNDFIL	PGAE	Bay Area	8.1	market optimization	0.0
2/10/2010	OXIVITIN_0_ENDITIE	FOAL	San	0.1	market	0.0
2/16/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	9.3	optimization	0.0
			CAISO		market	
2/16/2018	PNCHEG_2_PL1X4_1	PGAE	System	75.3	optimization	0.0
					market	
2/17/2018	ALMEGT_1_UNIT 2	NCPA	Bay Area	0.5	optimization	0.0
2/17/2019	ANZA 6 SOLAB1	SDCE		1.0	market	0.0
2/17/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization market	0.0
2/17/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	optimization	0.0
					market	
2/17/2018	BOGUE_1_UNITA1	PGAE	Sierra	46.0	optimization	0.0
					market	
2/17/2018	CALPSS_6_SOLAR1	SDGE	04:05	3.0	optimization	0.0
0/47/0040	CDWD07 2 CEN	CMDD	CAISO	0.4	market	0.0
2/17/2018	CDWR07_2_GEN	CWRP	System San	0.1	optimization market	0.0
2/17/2018	CNTNLA_2_SOLAR1	SDGE	Diego-IV	109.6	optimization	0.0
2/11/2010	O.4.114L/\_Z_OOL/\\\		Diogo-1v	100.0	opuimzauon	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	- Noodard		Area	RA	11000011	award
				MW		
			San		market	
2/17/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	41.6	optimization	0.0
			CAISO		market	
2/17/2018	COPMT2_2_SOLAR2	SCE	System	26.5	optimization	0.0
			CAISO		market	
2/17/2018	COPMTN_2_CM10	SCE	System	0.6	optimization	0.0
0/47/0040	001 040 0 001 40	0005	San	400.7	market	0.0
2/17/2018	CSLR4S_2_SOLAR	SDGE	Diego-IV	102.7	optimization	0.0
2/17/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
2/11/2010	HOWBFF_I_UNIT33_2	FGAL	Humbolut	4.5	market	0.0
2/17/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	5.7	optimization	0.0
2/11/2010		1 0/12	San	0.7	market	0.0
2/17/2018	IVSLRP 2 SOLAR1	SDGE	Diego-IV	149.0	optimization	0.0
					market	
2/17/2018	LODI25 2 UNIT 1	NCPA	Stockton	0.8	optimization	0.0
					market	
2/17/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	optimization	0.0
			Big			
			Creek-		market	
2/17/2018	MNDALY_6_MCGRTH	SCE	Ventura	47.2	optimization	0.0
			l _		market	
2/17/2018	MSTANG_2_SOLAR4	PGAE	Fresno	4.5	optimization	0.0
0/47/0040		DO A E	CAISO	0.0	market	0.0
2/17/2018	PEABDY_2_LNDFL1	PGAE	System	2.6	optimization	0.0
2/17/2018	PIOPIC_2_CTG1	SDGE	San Diego-IV	8.5	market optimization	0.0
2/11/2010	FIOFIC_Z_CTGT	SDGE	San	0.5	market	0.0
2/17/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	7.5	optimization	0.0
2/11/2010	110110_2_0102	UDUL	San	7.0	market	0.0
2/17/2018	PIOPIC 2 CTG3	SDGE	Diego-IV	9.3	optimization	0.0
	<del></del>		CAISO		market	
2/17/2018	PNCHEG_2_PL1X4_4	PGAE	System	351.6	optimization	0.0
			•		market	
2/17/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	0.5	optimization	0.0
					market	
2/17/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	optimization	0.0
0/47/0040	005000 0 0000 00	005		44.0	market	0.0
2/17/2018	SBERDO_2_PSP3_C2	SCE	LA Basin	41.8	optimization	0.0
2/17/2019	CDEDDO 2 DCD4 C2	SCE	I A Booin	70 F	market	0.0
2/17/2018	SBERDO_2_PSP4_C2	SCE	LA Basin CAISO	79.5	optimization market	0.0
2/17/2018	VACADX_1_UNITA1_1X1	PGAE	System	1.0	optimization	0.0
2/11/2010	WONDY_I_ONITAL_IXI	IOAL	- Jysteili	1.0	market	0.0
2/17/2018	YUBACT 6 UNITA1	PGAE	Sierra	46.5	optimization	0.0
		. 5,	2.0	.0.0	market	0.0
2/18/2018	ALAMIT_7_UNIT 2	SCE	LA Basin	0.8	optimization	0.0
					market	
2/18/2018	ANAHM_2_CANYN1	ANHM	LA Basin	11.0	optimization	0.0
					market	
2/18/2018	ANZA_6_SOLAR1	SDGE		1.2	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			7.100	MW		awara
					market	
2/18/2018	BOGUE_1_UNITA1	PGAE	Sierra	21.9	optimization	0.0
					market	
2/18/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
_ ,			San		market	
2/18/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/40/0040	CODMTS S COLADS	SCE	CAISO	22.0	market	0.0
2/18/2018	COPMT2_2_SOLAR2	SUE	System CAISO	23.8	optimization market	0.0
2/18/2018	COPMT4_2_SOLAR4	SCE	System	77.5	optimization	0.0
2/10/2010	OOI WITH_2_OOLARG	OOL	CAISO	77.5	market	0.0
2/18/2018	COPMTN_2_CM10	SCE	System	0.6	optimization	0.0
			- Joseph		market	010
2/18/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.0	optimization	0.0
			San		market	
2/18/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	8.5	optimization	0.0
_ ,			_		market	
2/18/2018	KERKH2_7_UNIT 1	PGAE	Fresno	66.0	optimization	0.0
0/40/0040	MCTANC 2 COLADA	DOAE	Гиолия	2.0	market	0.0
2/18/2018	MSTANG_2_SOLAR4	PGAE	Fresno CAISO	3.9	optimization market	0.0
2/18/2018	PNCHEG_2_PL1X4_2	PGAE	System	204.0	optimization	0.0
2/10/2010		TOAL	Oystem	204.0	market	0.0
2/18/2018	RVSIDE 2 RERCU3	RVSD	LA Basin	0.5	optimization	0.0
					market	
2/18/2018	SBERDO_2_PSP3_C2	SCE	LA Basin	29.3	optimization	0.0
					market	
2/18/2018	TRNQLT_2_SOLAR	PGAE	Fresno	151.8	optimization	0.0
_ ,					market	
2/19/2018	ANZA_6_SOLAR1	SDGE		1.5	optimization	0.0
2/40/2049	CALDES & SOLADA	SDGE		2.0	market	0.0
2/19/2018	CALPSS_6_SOLAR1	SDGE	San	3.0	optimization market	0.0
2/19/2018	CNTNLA 2 SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
2/10/2010	ONTINE/(_Z_OOL/ II(Z	ODOL	CAISO	0.0	market	0.0
2/19/2018	COPMT2 2 SOLAR2	SCE	System	25.3	optimization	0.0
			CAISO		market	
2/19/2018	COPMTN_2_CM10	SCE	System	0.6	optimization	0.0
					market	
2/19/2018	GATWAY_2_PL1X3_2X1DF	PGAE	Bay Area	13.4	optimization	0.0
0/40/0040	LILIMBBB 4 LINUTOO O	DOAE	11	4.5	market	0.0
2/19/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
2/19/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
2/13/2010	110.WD1 1 _0_014110_0	IOAL	Turribulat	0.0	market	0.0
2/19/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	optimization	0.0
			San		market	
2/19/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	10.7	optimization	0.0
					market	
2/19/2018	MSTANG_2_SOLAR4	PGAE	Fresno	5.2	optimization	0.0
0/40/22:5	DEADBY O LYBEL	DO:-	CAISO		market	
2/19/2018	PEABDY_2_LNDFL1	PGAE	System	6.3	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
2 4.10	. 1000 a. 00	020	Area	RA		award
				MW		
			San		market	
2/19/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	9.3	optimization	0.0
			San		market	
2/19/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	9.3	optimization	0.0
			CAISO		market	
2/19/2018	PNCHEG_2_PL1X4_1	PGAE	System	75.3	optimization	0.0
			CAISO		market	
2/19/2018	PNCHEG_2_PL1X4_2	PGAE	System	204.0	optimization	0.0
					market	
2/19/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	0.5	optimization	0.0
			CAISO		market	
2/19/2018	SANLOB_1_LNDFIL	PGAE	System	1.5	optimization	0.0
0/00/0040	41174 0 001 454	0005			market	0.0
2/20/2018	ANZA_6_SOLAR1	SDGE		1.4	optimization	0.0
0/00/0040	041 000 0 001 404	0005		0.0	market	0.0
2/20/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
0/00/0040	OLUGBIA 7 LINUT 4	DO 4 E	0:	4.4	market	0.0
2/20/2018	CHICPK_7_UNIT 1	PGAE	Sierra	4.4	optimization	0.0
2/20/2018	CNTNLA 2 SOLAR2	SDGE	San Diego-IV	5.0	market	0.0
2/20/2016	CNTNLA_Z_SOLARZ	SDGE	CAISO	5.0	optimization market	0.0
2/20/2018	COLUSA_2_PL1X3_2X1DF	PGAE	System	8.6	optimization	0.0
2/20/2010	COLOGA_Z_FLIXS_ZXIDF	FUAL	CAISO	0.0	market	0.0
2/20/2018	COPMT2_2_SOLAR2	SCE	System	25.2	optimization	0.0
2/20/2010	OOT WITZ_Z_OOEARZ	OOL	CAISO	20.2	market	0.0
2/20/2018	COPMTN 2 CM10	SCE	System	0.6	optimization	0.0
2/20/2010		002	Cycloni	0.0	market	0.0
2/20/2018	GRNLF2_1_UNIT	PGAE	Sierra	14.8	optimization	0.0
					market	0.10
2/20/2018	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.5	optimization	0.0
					market	
2/20/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
2/20/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
			San		market	
2/20/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	14.9	optimization	0.0
					market	
2/20/2018	KERKH2_7_UNIT 1	PGAE	Fresno	35.0	optimization	0.0
			Big			
			Creek-		market	
2/20/2018	MOORPK_6_QF	SCE	Ventura	2.2	optimization	0.0
0/00/0040	MOTANO O COLADA	DO 4 F		<b>-</b> 4	market	
2/20/2018	MSTANG_2_SOLAR4	PGAE	Fresno	7.4	optimization	0.0
0/00/0040	ODIND C COLADA	DOAE	CAISO		market	
2/20/2018	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
2/20/2040	DEADDY 2 INDEL4	DC 4 E	CAISO	2.4	market	0.0
2/20/2018	PEABDY_2_LNDFL1	PGAE	System	2.1	optimization	0.0
2/20/2018	PIOPIC 2 CTG2	SDGE	San Diego-IV	7.0	market optimization	0.0
2/20/2010	FIOFIC_Z_CTGZ	SDGE	CAISO	7.0	market	0.0
2/20/2018	PNCHEG_2_PL1X4_1	PGAE	System	102.0	optimization	0.0
212012018	FINUTIEU_Z_FLIA4_I	LLGHE	System	102.0	opumization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
			CAISO		market	
2/20/2018	PNCHEG_2_PL1X4_2	PGAE	System	204.0	optimization	0.0
			CAISO		market	
2/20/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
			Big			
0/00/0040	ONOLDA O OVOEN	005	Creek-	45.0	market	0.0
2/20/2018	SNCLRA_6_OXGEN	SCE	Ventura	15.2	optimization	0.0
			Big Creek-		market	
2/20/2018	SNCLRA_6_PROCGN	SCE	Ventura	3.9	optimization	0.0
2/20/2010	SNOEKA_O_I KOOON	JOL	ventura	5.5	market	0.0
2/20/2018	WALNUT_6_HILLGEN	SCE	LA Basin	0.0	optimization	0.0
	- · · · · · · · · · · · · · · · · · · ·			0.0	market	0.0
2/21/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
2/21/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
			CAISO		market	
2/21/2018	CARBOU_7_UNIT 1	PGAE	System	15.0	optimization	0.0
			San		market	
2/21/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/04/0040	0001470 0 001 400	005	CAISO	0.5	market	0.0
2/21/2018	COPMT2_2_SOLAR2	SCE	System	8.5	optimization	0.0
2/24/2019	CODMIN 2 CM40	SCE	CAISO	0.2	market	0.0
2/21/2018	COPMTN_2_CM10	SCE	System CAISO	0.2	optimization market	0.0
2/21/2018	HIDSRT_2_UNITS_2X1	SCE	System	67.0	optimization	0.0
2/21/2010	111DOI(1_2_011110_2X1	OOL	CAISO	07.0	market	0.0
2/21/2018	HIDSRT_2_UNITS_2X1_DF	SCE	System	76.0	optimization	0.0
2/21/2010		002	Cyclo	7 0.0	market	0.0
2/21/2018	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.5	optimization	0.0
					market	
2/21/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
2/21/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
			San		market	
2/21/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	12.7	optimization	0.0
0/04/0040	MCTANC 2 201 AD4	DC 4 5		7.4	market	
2/21/2018	MSTANG_2_SOLAR4	PGAE	Fresno	7.1	optimization	0.0
2/21/2018	PEABDY 2 LNDFL1	PGAE	CAISO	6.4	market optimization	0.0
2/21/2010	FLADDI_Z_LNDFLI	FGAE	System	0.4	market	0.0
2/21/2018	PHOENX_1_UNIT	PGAE	Stockton	0.7	optimization	0.0
2,21,2010		. 0/12	CAISO	0.7	market	0.0
2/21/2018	PNCHEG_2_PL1X4_3	PGAE	System	306.0	optimization	0.0
			CAISO		market	
2/21/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
	<del>_</del>				market	
2/21/2018	RCKCRK_7_UNIT 2	PGAE	Sierra	2.6	optimization	0.0
					market	
2/21/2018	SCEW_2_PDRP07	SCE		2.3	optimization	0.0
_,				_	market	_
2/21/2018	SCEW_2_PDRP11	SCE		1.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource		Area	RA	Reason	award
				MW		
			CAISO		market	
2/21/2018	VOLTA_2_UNIT 2	PGAE	System	0.7	optimization	0.0
0/00/0040		NODA		0.4	market	0.0
2/22/2018	ALMEGT_1_UNIT 1	NCPA	Bay Area	0.4	optimization	0.0
2/22/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
2/22/2010	ANZA_0_SOLART	SDGE		1.0	market	0.0
2/22/2018	CALPSS 6 SOLAR1	SDGE		3.0	optimization	0.0
		1	San		market	
2/22/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
2/22/2018	COPMTN_2_CM10	SCE	System	0.5	optimization	0.0
0/00/00/0		5015			market	
2/22/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
2/22/2018	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	14.3	market optimization	0.0
2/22/2016	IV3LKF_Z_SOLAKT	SDGE	Diego-iv	14.3	market	0.0
2/22/2018	MSTANG_2_SOLAR4	PGAE	Fresno	3.4	optimization	0.0
			CAISO	<u> </u>	market	0.0
2/22/2018	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
			CAISO		market	
2/22/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
0/00/0040	COEW 2 DDDDD07	005		0.0	market	0.0
2/22/2018	SCEW_2_PDRP07	SCE		2.3	optimization market	0.0
2/22/2018	SCEW_2_PDRP11	SCE		1.0	optimization	0.0
		1	CAISO		market	0.0
2/22/2018	SMYRNA_1_DL1SR1	PGAE	System	0.8	optimization	0.0
			CAISO		market	
2/22/2018	VACADX_1_UNITA1_1X1	PGAE	System	1.0	optimization	0.0
0/00/0040		NODA		0.4	market	0.0
2/23/2018	ALMEGT_1_UNIT 1	NCPA	Bay Area	0.4	optimization market	0.0
2/23/2018	ALMEGT 1 UNIT 2	NCPA	Bay Area	0.5	optimization	0.0
2/23/2010	ALMEOT_I_ONIT Z	NOLK	Day Aica	0.0	market	0.0
2/23/2018	ANZA 6 SOLAR1	SDGE		1.0	optimization	0.0
					market	
2/23/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
0/00/00/0	0.17.11.4.0.001.450	0005	San		market	
2/23/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization	0.0
2/23/2018	COPMTN_2_CM10	SCE	System	0.3	market optimization	0.0
2/23/2010	COT WITH_2_CWITO	OOL	Oystem	0.0	market	0.0
2/23/2018	GLNARM_7_UNIT 3	PASA	LA Basin	5.2	optimization	0.0
					market	
2/23/2018	GLNARM_7_UNIT 4	PASA	LA Basin	34.6	optimization	0.0
0/00/55:-					market	
2/23/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	optimization	0.0
2/23/2018	LODI25_2_UNIT 1	NCPA	Stockton	0.8	market optimization	0.0
2/23/2010	LODIZO_Z_OINII I	NOFA	SIUCKIUII	0.6	market	0.0
2/23/2018	MSTANG_2_SOLAR4	PGAE	Fresno	7.3	optimization	0.0
_, , 0 1 0		. 0, 1				<u> </u>

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	UDC	Area	RA	Reason	award
			Alea	MW		awaiu
			CAISO	10100	market	
2/23/2018	ORLND_6_SOLAR1	PGAE	System	0.1	optimization	0.0
			CAISO		market	
2/23/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
			CAISO		market	
2/23/2018	VACADX_1_UNITA1_1X1	PGAE	System	1.0	optimization	0.0
					market	
2/24/2018	ANAHM_2_CANYN1	ANHM	LA Basin	11.0	optimization	0.0
					market	
2/24/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
2/24/2018	CALPSS_6_SOLAR1	SDGE	_	3.0	optimization	0.0
			San		market	
2/24/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/04/0040	00004704 0 00440	005	CAISO	0.4	market	0.0
2/24/2018	COPMTN_2_CM10	SCE	System	0.4	optimization	0.0
2/24/2018	LILIMADDD 4 LINITCO 0	DCAE	L luna la a lalt	4.5	market	0.0
2/24/2016	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization market	0.0
2/24/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	optimization	0.0
2/24/2010	110MB11_1_0N1133_3	TOAL	Tidifibolat	0.0	market	0.0
2/24/2018	MSTANG_2_SOLAR4	PGAE	Fresno	7.3	optimization	0.0
2/2 1/2010	WO 17 (140_2OO 2, (141	1 0/12	CAISO	7.0	market	0.0
2/24/2018	ORLND_6_SOLAR1	PGAE	System	0.0	optimization	0.0
	======		CAISO		market	
2/24/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
			,		market	
2/24/2018	SANTGO_2_LNDFL1	SCE	LA Basin	5.4	optimization	0.0
					market	
2/24/2018	TRNQLT_2_SOLAR	PGAE	Fresno	62.4	optimization	0.0
					market	
2/25/2018	ANAHM_2_CANYN1	ANHM	LA Basin	11.0	optimization	0.0
					market	
2/25/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
0/05/0040	041 500 0 001 454	0005		0.0	market	0.0
2/25/2018	CALPSS_6_SOLAR1	SDGE	0	3.0	optimization	0.0
2/25/2018	CNITNII A 2 COLAD2	SDGE	San	E 0	market	0.0
2/25/2016	CNTNLA_2_SOLAR2	SDGE	Diego-IV CAISO	5.0	optimization market	0.0
2/25/2018	COPMTN_2_CM10	SCE	System	0.6	optimization	0.0
2/23/2010	COFWIN_Z_CWIO	JOL	System	0.0	market	0.0
2/25/2018	HUMBPP 6 UNITS 3	PGAE	Humboldt	6.8	optimization	0.0
2,20,2010		. 0/1	Tarribolat	0.0	market	0.0
2/25/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	11.5	optimization	0.0
		·	San		market	5.5
2/25/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	1.9	optimization	0.0
			J -		market	
2/25/2018	MSTANG_2_SOLAR4	PGAE	Fresno	8.0	optimization	0.0
					market	
2/25/2018	NOVATO_6_LNDFL	PGAE	NCNB	0.8	optimization	0.0
			CAISO		market	
2/25/2018	ORLND_6_SOLAR1	PGAE	System	0.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
			CAISO		market	
2/25/2018	PEABDY_2_LNDFL1	PGAE	System	2.9	optimization	0.0
			CAISO		market	
2/25/2018	PNCHEG_2_PL1X4_2	PGAE	System	137.1	optimization	0.0
			CAISO		market	
2/25/2018	PNCHEG_2_PL1X4_4	PGAE	System	294.9	optimization	0.0
			CAISO		market	
2/25/2018	RTREE_2_WIND1	SCE	System	0.6	optimization	0.0
					market	
2/26/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
2/26/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
0/00/0040	017111 4 0 001 450	0005	San		market	0.0
2/26/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/00/0040	OODNATNI O ONAAO	005	CAISO	0.0	market	0.0
2/26/2018	COPMTN_2_CM10	SCE	System	0.6	optimization	0.0
0/00/0040	DIVALD 4 LAIDEL	DO 4 E	Da A	0.0	market	0.0
2/26/2018	DIXNLD_1_LNDFL	PGAE	Bay Area	0.8	optimization	0.0
2/26/2019	HUMBPP 6 UNITS 3	PGAE	Humboldt	6.0	market	0.0
2/26/2018	HUMBPP_6_UNITS_3	PGAE	Humbolat	6.8	optimization market	0.0
2/26/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	optimization	0.0
2/20/2010	HOMBEF_0_UNITS_4	FGAL	San	9.1	market	0.0
2/26/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	2.0	optimization	0.0
2/20/2010	TVOLICI _Z_GOLAICI	ODGL	Big	2.0	optimization	0.0
			Creek-		market	
2/26/2018	MOORPK_6_QF	SCE	Ventura	2.2	optimization	0.0
					market	0.0
2/26/2018	MSTANG_2_SOLAR4	PGAE	Fresno	4.4	optimization	0.0
			CAISO		market	
2/26/2018	ORLND_6_SOLAR1	PGAE	System	0.0	optimization	0.0
					market	
2/26/2018	OXBOW_6_DRUM	PGAE	Sierra	1.5	optimization	0.0
			CAISO		market	
2/26/2018	PNCHEG_2_PL1X4_1	PGAE	System	98.1	optimization	0.0
			CAISO		market	
2/26/2018	PNCHEG_2_PL1X4_2	PGAE	System	204.0	optimization	0.0
			CAISO		market	
2/26/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0
			CAISO		market	
2/26/2018	TOADTW_6_UNIT	PGAE	System	0.9	optimization	0.0
- / / /-			CAISO		market	
2/26/2018	UNVRSY_1_UNIT 1	PGAE	System	0.4	optimization	0.0
0/00/00/0		5015			market	
2/26/2018	UNVRSY_1_UNIT 1	PGAE	Kern	0.4	optimization	0.0
0/00/0040	WALCOK O CTOO	005	LAD	0.0	market	0.0
2/26/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
2/27/2040	ANZA 6 SOLADA	SDCE		4.0	market	0.0
2/27/2018	ANZA_6_SOLAR1	SDGE	-	1.0	optimization	0.0
2/27/2019	BADDE & DEAKED	SCE	I A Boois	0.1	market	0.0
2/27/2018	BARRE_6_PEAKER	SCE	LA Basin	0.1	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
2 4.0			Area	RA		award
				MW		
0/07/0040	0.41.000.0001.404	0005		0.0	market	0.0
2/27/2018	CALPSS_6_SOLAR1	SDGE	0	3.0	optimization	0.0
2/27/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
2/21/2010	CNTNLA_2_SOLAR2	SDGE	CAISO	5.0	market	0.0
2/27/2018	COPMTN_2_CM10	SCE	System	0.1	optimization	0.0
			- Cycle	<b></b>	market	0.0
2/27/2018	GLNARM_7_UNIT 4	PASA	LA Basin	23.1	optimization	0.0
					market	
2/27/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
0/07/0040	LINITODIL 7 LINIT 2 C2	COF	I A Dasin	00.0	market	0.0
2/27/2018	HNTGBH_7_UNIT 2_C2	SCE	LA Basin	80.3	optimization market	0.0
2/27/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
2/21/2010	110MB11_0_014110_0	- OAL	San	0.0	market	0.0
2/27/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	2.5	optimization	0.0
					market	
2/27/2018	MSTANG_2_SOLAR4	PGAE	Fresno	2.9	optimization	0.0
0/07/0040		DO 4 E	CAISO	0.0	market	0.0
2/27/2018	ORLND_6_SOLAR1	PGAE	System	0.0	optimization	0.0
2/27/2018	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
2/21/2010	FIOFIC_Z_CTGZ	SDGL	CAISO	9.5	market	0.0
2/27/2018	PNCHEG_2_PL1X4_1	PGAE	System	59.3	optimization	0.0
			CAISO		market	
2/27/2018	PNCHEG_2_PL1X4_4	PGAE	System	301.3	optimization	0.0
			CAISO		market	
2/27/2018	SANLOB_1_LNDFIL	PGAE	System	0.9	optimization	0.0
2/27/2019	CRERRO 2 RCD4 C2	SCE	I A Booin	0.7	market	0.0
2/27/2018	SBERDO_2_PSP4_C2	SCE	LA Basin	0.7	optimization market	0.0
2/28/2018	ANAHM_2_CANYN1	ANHM	LA Basin	11.0	optimization	0.0
_,_0,_0		7			market	0.0
2/28/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
2/28/2018	BARRE_6_PEAKER	SCE	LA Basin	0.1	optimization	0.0
0/00/0040	DUDANC O LINUTA	PGAE	CAISO	4.0	market	0.0
2/28/2018	BURNYF_2_UNIT 1	PGAE	System	4.2	optimization market	0.0
2/28/2018	CALPSS_6_SOLAR1	SDGE		3.0	optimization	0.0
2/20/2010	0/12/ 00_0_002/11(1	ODOL	CAISO	0.0	market	0.0
2/28/2018	CARBOU_7_PL4X5	PGAE	System	36.7	optimization	0.0
			San		market	
2/28/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/00/0046	CODMINI O CMAC	005	CAISO		market	
2/28/2018	COPMTN_2_CM10	SCE	System	0.5	optimization	0.0
2/28/2018	HUMBPP 1 UNITS3 2	PGAE	Humboldt	4.5	market optimization	0.0
2/20/2010		1 GAE	TIGHTIDOIGE	4.0	market	0.0
2/28/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
			San		market	
2/28/2018	IVSLRP_2_SOLAR1	SDGE	Diego-IV	3.5	optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
					market	
2/28/2018	MSTANG_2_SOLAR4	PGAE	Fresno	8.2	optimization	0.0
			CAISO		market	
2/28/2018	ORLND_6_SOLAR1	PGAE	System	0.0	optimization	0.0
			San		market	
2/28/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	9.3	optimization	0.0
			CAISO		market	
2/28/2018	PNCHEG_2_PL1X4_4	PGAE	System	401.0	optimization	0.0