

Non Resource Adequacy Capacity Report

September 2018

CAISO Market Quality and Renewable Integration

October 10, 2018

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Introduction

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

The Content of the Non RA Capacity Report

The report includes the following information:

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

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

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

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

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

Commitment reason in Table 1 may include "Market Optimization" and exceptional dispatch. There are no exceptional dispatch MWs of non-RA capacity for September 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 September 2018

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA MW		award
				IVIVV	market	
9/1/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
			San		market	
9/1/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
					market	
9/1/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	optimization	0.0
					market	
9/1/2018	MIDWY3_2_MDSSR1	SDGE		20.0	optimization	0.0
0/4/0040		DO 4 E	CAISO	0.0	market	0.0
9/1/2018	SPQUIN_6_SRPCQU	PGAE	System	2.0	optimization	0.0
9/1/2018	WALCRK_2_CTG2	SCE	LA Basin	0.4	market optimization	0.0
9/1/2010	WALCKK_Z_C1G2	SCE	LA Dasiii	0.4	market	0.0
9/1/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
3/1/2010	W/\LOIKI_2_0100	JOL	L/ (Dasiii	0.2	market	0.0
9/1/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
0, 1, 2010					market	
9/1/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	27.6
					market	
9/2/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
			San		market	
9/2/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/0/0040	LUMBER O LINUTO O	DOAF	11	4.0	market	0.0
9/2/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	optimization	0.0
9/2/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.7	market optimization	0.0
9/2/2010	HUIVIBEE_0_UIVITS_3	FGAE	Humbolat	5.7	market	0.0
9/2/2018	MIDWY3_2_MDSSR1	SDGE		20.0	optimization	0.0
3/2/2010	WIDW TO_E_WIDGENT	ODGE	CAISO	20.0	market	0.0
9/2/2018	PNCHEG 2 PL1X4 4	PGAE	System	15.5	optimization	0.0
					market	
9/2/2018	WALCRK_2_CTG2	SCE	LA Basin	0.4	optimization	0.0
					market	
9/2/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
					market	
9/2/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
0/0/0040	VIJDAOT O LINUTAA	DOAF	0:	00.0	market	07.0
9/2/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	27.6
0/2/2019	ANZA 6 SOLAD1	SDGE		1.0	market	0.0
9/3/2018	ANZA_6_SOLAR1	SDGE	San	1.0	optimization market	0.0
9/3/2018	CNTNLA 2 SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
5, 5, 20 10			2.05011	0.0	market	0.0
9/3/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	optimization	0.0
		1		-	market	_
9/3/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
9/3/2018	MIDWY3_2_MDSSR1	SDGE		20.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			7 00.	MW		G.17 G.1 G
			San		market	
9/3/2018	MRGT_6_MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
- /- /			CAISO		market	
9/3/2018	PNCHEG_2_PL1X4_4	PGAE	System	11.0	optimization	0.0
0/2/2019	DTDEE 2 WIND4	SCE	CAISO	0.1	market optimization	0.0
9/3/2018	RTREE_2_WIND1	SCE	System	0.1	market	0.0
9/3/2018	WALCRK 2 CTG2	SCE	LA Basin	0.4	optimization	0.0
0.0,00					market	
9/3/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
					market	
9/3/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
0/0/0040	NURACT O LINUTAL	DO 4 E	0.	00.0	market	00.0
9/3/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization market	26.3
9/3/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	27.6
3/3/2010	TOBACT_0_ONITAT	TOAL	Olerra	20.0	market	27.0
9/4/2018	ANAHM_2_CANYN2	ANHM	LA Basin	3.7	optimization	0.0
					market	
9/4/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
			San		market	
9/4/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
9/4/2018	CLIMANIC & SUNICT1	SCE		2.5	market	0.0
9/4/2010	CUMMNG_6_SUNCT1	SCE	San	3.5	optimization market	0.0
9/4/2018	ELCAJN_6_UNITA1_CT2	SDGE	Diego-IV	40.0	optimization	0.0
0/ 1/2010	220,611_0_6111,11_612	0002	San	10.0	market	0.0
9/4/2018	ENCINA_7_EA5_D1	SDGE	Diego-IV	11.3	optimization	0.0
			San		market	
9/4/2018	ESCNDO_6_PL1X2	SDGE	Diego-IV	1.0	optimization	0.0
0/4/0040	000171 0 0 1 10117	DOAE	CAISO		market	0.0
9/4/2018	GONZLS_6_UNIT	PGAE	System	1.4	optimization market	0.0
9/4/2018	HUMBPP 1 UNITS3 1	PGAE	Humboldt	0.3	optimization	0.0
3/4/2010	110111011111111111111111111111111111111	TOAL	Tidifibolat	0.5	market	0.0
9/4/2018	HUMBPP 1 UNITS3 1	PGAE	Humboldt	0.3	optimization	0.3
					market	
9/4/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	optimization	0.0
- / - /					market	
9/4/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	optimization	0.0
9/4/2018	HUMBPP 1 UNITS3 4	PGAE	Humboldt	9.1	market optimization	0.0
3/4/2010	HOMBER_I_UNITSS_4	FUAL	Turribuidt	9.1	market	0.0
9/4/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	0.0
					market	
9/4/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
9/4/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	11.5	optimization	0.0
0/4/2042	LILIMADAD & LINITO 5	DC A E	المام طوسيالا	14 4	market	0.0
9/4/2018	HUMBPP_6_UNITS_5	PGAE	Humboldt	11.4	optimization market	0.0
9/4/2018	MIDWY3 2 MDSSR1	SDGE		20.0	optimization	0.0
3/4/2010		SDGE	l	20.0	υριππεαιιυΠ	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
2			Area	RA		award
				MW		
			San		market	
9/4/2018	MRGT_6_MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
9/4/2018	DALOMB 2 DIAV2 2V1 DE	SDGE	San Diogo IV	12.6	market	0.0
9/4/2016	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV San	13.6	optimization market	0.0
9/4/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	0.8	optimization	0.0
0/ 1/2010	110110_2_0102	ODOL	CAISO	0.0	market	0.0
9/4/2018	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
			CAISO		market	
9/4/2018	TOPAZ_2_SOLAR	PGAE	System	266.3	optimization	0.0
0/4/0040	VEDVICE 0 001714	\ (ED\)		0.0	market	0.0
9/4/2018	VERNON_6_GONZL1	VERN	LA Basin	0.0	optimization market	0.0
9/4/2018	VERNON_6_GONZL2	VERN	LA Basin	0.3	optimization	0.0
3/4/2010	VERTICOLO_GGTVZEZ	VLIXIV	LA Dasin	0.5	market	0.0
9/4/2018	WALCRK 2 CTG2	SCE	LA Basin	0.9	optimization	0.0
					market	
9/4/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
- / - /					market	
9/4/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
9/5/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
9/3/2016	ANZA_6_SOLART	SDGE		1.0	market	0.0
9/5/2018	BELDEN_7_UNIT 1	PGAE	Sierra	17.6	optimization	0.0
0,0,00			CAISO		market	
9/5/2018	CARBOU_7_UNIT 1	PGAE	System	7.8	optimization	0.0
			San		market	
9/5/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/5/2019	LILIMDDD 4 LINITS2 2	PGAE	Humboldt	4 5	market	0.0
9/5/2018	HUMBPP_1_UNITS3_2	PGAE	Humbolat	4.5	optimization market	0.0
9/5/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	optimization	4.1
0,0,20:0					market	
9/5/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	4.0	optimization	0.0
					market	
9/5/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	545.0	optimization	16.0
0/5/2019	MIDWY2 2 MDSSB1	SDGE		20.0	market	0.0
9/5/2018	MIDWY3_2_MDSSR1	SDGE	San	20.0	optimization market	0.0
9/5/2018	MRGT_6_MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
0,0,2010	MICOL_O_IMIV ACE	0002	Diege IV	10.0	market	0.0
9/5/2018	OLDRIV_6_CESDBM	PGAE	Kern	0.1	optimization	0.0
			San		market	
9/5/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV	24.7	optimization	0.0
0/5/0040	DIODIC 2 CTC4	0005	San	0.7	market	0.0
9/5/2018	PIOPIC_2_CTG1	SDGE	Diego-IV San	2.7	optimization market	0.0
9/5/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	2.9	optimization	0.0
5/5/2010		0000	San	2.0	market	0.0
9/5/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	3.2	optimization	0.0
			CAISO		market	
9/5/2018	PNCHEG_2_PL1X4_4	PGAE	System	8.5	optimization	0.0

Area RA MW MW Award Area RA MW MW Award Area RA MW MW Award Award MW System 1.5 Optimization 0.0 Market Optimization Optimi	Date	Resource	UDC	Local	Non	Reason	RUC
9/5/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 market 0	Date	1,0000100				11000011	
9/5/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 9/5/2018 WALCRK_2_CTG1 SCE LA Basin 0.4 potimization 0.0 9/5/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 potimization 0.0 9/5/2018 WALCRK_2_CTG3 SCE LA Basin 0.9 potimization 0.0 9/5/2018 WALCRK_2_CTG4 SCE LA Basin 0.5 optimization 0.0 9/6/2018 ANZA_6_SOLAR1 SDGE 1.0 optimization 0.0 9/6/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization 0.0 9/6/2018 DRUM_7_UNIT 5 PGAE Sierra 30.2 optimization 0.0 9/6/2018 BRCINA_7_GT1 SDGE Diego-IV 1.1 optimization 0.0 9/6/2018 BRUMBPP_1_UNITS3_1 PGAE Humboldt 4.5 optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_2 PGAE Humbo					MW		
9/5/2018 WALCRK 2 CTG1 SCE LA Basin 0.4 optimization 0.0 market 0.0 pylis/2018 WALCRK 2 CTG2 SCE LA Basin 0.7 optimization 0.0 market 0.0 pylis/2018 WALCRK 2 CTG3 SCE LA Basin 0.7 optimization 0.0 market 0.0 pylis/2018 WALCRK 2 CTG3 SCE LA Basin 0.7 optimization 0.0 market 0.0 pylis/2018 WALCRK 2 CTG4 SCE LA Basin 0.7 optimization 0.0 market 0.0 pylis/2018 WALCRK 2 CTG4 SCE LA Basin 0.5 optimization 0.0 market 0.0 pylis/2018 ANZA 6 SOLAR1 SDGE Diego-IV 5.0 optimization 0.0 market 0.0 pylis/2018 DRUM 7 UNIT 5 PGAE Sierra 30.2 optimization 0.0 market 0.0 pylis/2018 ENCINA_7 GT1 SDGE Diego-IV 11.2 optimization 0.0 pylis/2018 ENCINA_7 GT1 SDGE Diego-IV 11.2 optimization 0.0 market 0.0 pylis/2018 HUMBPP_1 UNITS3_1 PGAE Humboldt 0.3 optimization 0.0 market 0.0 pylis/2018 HUMBPP_1 UNITS3_2 PGAE Humboldt 4.5 optimization 0.0 market 0.0 pylis/2018 HUMBPP_1 UNITS3_2 PGAE Humboldt 4.5 optimization 0.0 market 0.0 pylis/2018 HUMBPP_1 UNITS3_3 PGAE Humboldt 4.5 optimization 0.0 market 0.0 pylis/2018 HUMBPP_6 UNITS_2 PGAE Humboldt 6.8 optimization 0.0 market 0.0 pylis/2018 HUMBPP_6 UNITS_3 PGAE Humboldt 1.3 optimization 0.0 market 0.0 pylis/2018 HUMBPP_6 UNITS_3 PGAE Humboldt 1.4 pylimization 0.0 market 0.0 pylis/2018 HUMBPP_6 UNITS_3 PGAE Humboldt 1.5 optimization 0.0 market 0.0 pylisization 0.0 pylisization 0.0 market 0.0 pylisization 0.0 market 0.0 pylisization 0.0 market 0.0 pylisization 0.0 pylisiza							
9/5/2018 WALCRK 2 CTG1 SCE LA Basin 0.4 optimization market market 0.0 9/5/2018 WALCRK 2 CTG2 SCE LA Basin 0.9 optimization opt	9/5/2018	SANLOB_1_LNDFIL	PGAE	System	1.5		0.0
9/5/2018 WALCRK 2 CTG2 SCE LA Basin 0.9 optimization market optimization market 0.0 optimization optim	0/=/0040	W	005				
9/5/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization market 0.0 9/5/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization on optimization on optimization on optimization on optimization on optimization on market optimization on market optimization on market optimization on market optimization on opti	9/5/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4		0.0
9/5/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization market optimization market 0.0 optimization market 9/5/2018 WALCRK_2_CTG4 SCE LA Basin 0.5 optimization	0/5/2019	WALCEK 2 CTC2	CCE	I A Dooin	0.0		0.0
9/5/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization market 0.0 9/5/2018 WALCRK_2_CTG4 SCE LA Basin 0.5 optimization 0.0 9/6/2018 ANZA 6_SOLAR1 SDGE I.0 optimization 0.0 9/6/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization 0.0 9/6/2018 DRUM_7_UNIT 5 PGAE Sierra 30.2 optimization 0.0 9/6/2018 ENCINA_7_GT1 SDGE Diego-IV 11.2 optimization 0.0 9/6/2018 GARNET_2_HYDRO SCE LA Basin 0.6 optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_2 PGAE Humboldt 4.5 optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_3 PGAE Humboldt 4.5 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_3 PGAE	9/3/2016	WALCRK_Z_CTGZ	SCE	LA DaSIII	0.9	-	0.0
9/5/2018 WALCRK 2 CTG4 SCE	9/5/2018	WALCRK 2 CTG3	SCF	I A Basin	0.7		0.0
9/6/2018 WALCRK 2 CTG4 SCE LA Basin 0.5 optimization 0.0 market ma	0/0/2010	**************************************	002	27 (20011)	<u> </u>	•	0.0
9/6/2018	9/5/2018	WALCRK 2 CTG4	SCE	LA Basin	0.5		0.0
9/6/2018						market	
9/6/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market 0.0 9/6/2018 DRUM_7_UNIT 5 PGAE Sierra 30.2 optimization 0.0 9/6/2018 ENCINA_7_GT1 SDGE Diego-IV 11.2 optimization optimization 0.0 9/6/2018 GARNET_2_HYDRO SCE LA Basin 0.6 optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_2 PGAE Humboldt 4.5 optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_2 PGAE Humboldt 4.5 optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 3.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_4 PGAE Humboldt 9.1 optimization 0.0 9/6/2018	9/6/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
9/6/2018 DRUM_7_UNIT 5 PGAE Sierra San Diego-IV 30.2 optimization outpimization							
9/6/2018 DRUM_7_UNIT 5 PGAE Sierra 30.2 Optimization 0.0	9/6/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0		0.0
9/6/2018 ENCINA_7_GT1 SDGE Diego-IV 11.2 Optimization 0.0	0/0/0040	DDIM 3 INIT 6	DOAF	0:	00.0		0.0
9/6/2018 ENCINA_7_GT1 SDGE Diego-IV 11.2 optimization 0.0 market optimization 0.0 optimization 0.0 market optimization 0.0 optimizati	9/6/2018	DRUM_7_UNIT 5	PGAE		30.2	-	0.0
9/6/2018 GARNET_2_HYDRO SCE LA Basin 0.6 optimization optimization 0.0 optimization 0.0 market optimization	0/6/2018	ENCINA 7 GT1	SDGE		11 2		0.0
9/6/2018 GARNET_2_HYDRO SCE LA Basin 0.6 optimization market 0.0 9/6/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_2 PGAE Humboldt 4.5 optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_2 PGAE Humboldt 4.5 optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_2 PGAE Humboldt 3.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_4 PGAE Humboldt 9.1 optimization 0.0 9/6/2018 MIDWY3_2_MDSSR1 SDGE 20.0 optimization 0.0 9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/6/2018 NAROW2_2_UNIT<	9/0/2010	LINGINA_1_GTT	SDGL	Diego-i v	11.2	-	0.0
9/6/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.0 market optimization 0.0	9/6/2018	GARNET 2 HYDRO	SCE	LA Basin	0.6		0.0
9/6/2018 HUMBPP_1_UNITS3_2 PGAE Humboldt 4.5 optimization market optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_2 PGAE Humboldt 4.5 optimization 4.5 9/6/2018 HUMBPP_1_UNITS3_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_2 PGAE Humboldt 3.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_4 PGAE Humboldt 9.1 optimization 0.0 9/6/2018 MIDWY3_2_MDSSR1 SDGE 20.0 optimization 0.0 9/6/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/6/2018 NAROW2_2_UNIT PGAE Bay Area 9.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 9/6/2018 PIOPIC_2_							
9/6/2018 HUMBPP_1_UNITS3_2 PGAE Humboldt 4.5 optimization market optimization 0.0 9/6/2018 HUMBPP_1_UNITS3_2 PGAE Humboldt 4.5 optimization 4.5 9/6/2018 HUMBPP_1_UNITS3_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_2 PGAE Humboldt 3.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 9.1 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_4 PGAE Humboldt 9.1 optimization 0.0 9/6/2018 MIDWY3_2_MDSSR1 SDGE 20.0 optimization 0.0 9/6/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/6/2018 MRGT_6_MMAREF	9/6/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.0
9/6/2018 HUMBPP_1_UNITS3_2 PGAE Humboldt 4.5 market optimization market optimization 4.5 9/6/2018 HUMBPP_1_UNITS3_3 PGAE Humboldt 6.8 optimization optimization 0.0 9/6/2018 HUMBPP_6_UNITS_2 PGAE Humboldt 3.8 optimization optimization 0.0 9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization optimization 0.0 9/6/2018 HUMBPP_6_UNITS_4 PGAE Humboldt 9.1 optimization optimization 0.0 9/6/2018 MIDWY3_2_MDSSR1 SDGE 20.0 optimization optimization 0.0 9/6/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/6/2018 NAROW2_2_UNIT PGAE Bay Area 9.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 <td></td> <td></td> <td></td> <td></td> <td></td> <td>market</td> <td></td>						market	
9/6/2018 HUMBPP_1_UNITS3_2 PGAE Humboldt 4.5 optimization 4.5 9/6/2018 HUMBPP_1_UNITS3_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_2 PGAE Humboldt 3.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 MIDWY3_2_MDSSR1 PGAE Humboldt 9.1 optimization 0.0 9/6/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/6/2018 MRGT_6_MM	9/6/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	•	0.0
9/6/2018 HUMBPP_1_UNITS3_3 PGAE Humboldt 6.8 optimization							
9/6/2018 HUMBPP_1_UNITS3_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_2 PGAE Humboldt 3.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_4 PGAE Humboldt 9.1 optimization 0.0 9/6/2018 MIDWY3_2_MDSSR1 SDGE 20.0 optimization 0.0 9/6/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/6/2018 NAROW2_2_UNIT PGAE Sierra 6.9 optimization 0.0 9/6/2018 OXMTN_6_LNDFIL PGAE Bay Area 9.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE	9/6/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5		4.5
9/6/2018 HUMBPP_6_UNITS_2 PGAE Humboldt 3.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_4 PGAE Humboldt 9.1 optimization 0.0 9/6/2018 MIDWY3_2_MDSSR1 SDGE 20.0 optimization 0.0 9/6/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/6/2018 NAROW2_2_UNIT PGAE Sierra 6.9 optimization 0.0 9/6/2018 OXMTN_6_LNDFIL PGAE Bay Area 9.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0	0/6/2019	LILIMDDD 4 LINITC2 2	DCAE	Llumbaldt	6.0		0.0
9/6/2018 HUMBPP_6_UNITS_2 PGAE Humboldt 3.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/6/2018 HUMBPP_6_UNITS_4 PGAE Humboldt 9.1 optimization 0.0 9/6/2018 MIDWY3_2_MDSSR1 SDGE 20.0 optimization 0.0 9/6/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/6/2018 NAROW2_2_UNIT PGAE Sierra 6.9 optimization 0.0 9/6/2018 OXMTN_6_LNDFIL PGAE Bay Area 9.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0	9/0/2016	HUMBER_I_UNIT33_3	PGAE	Humboldt	0.0		0.0
9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization optimizat	9/6/2018	HUMBPP 6 UNITS 2	PGAF	Humboldt	3.8		0.0
9/6/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization market 0.0 9/6/2018 HUMBPP_6_UNITS_4 PGAE Humboldt 9.1 optimization output optimization 0.0 9/6/2018 MIDWY3_2_MDSSR1 SDGE 20.0 optimization output optimization 0.0 9/6/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization output optimization 0.0 9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization output optimization 0.0 9/6/2018 NAROW2_2_UNIT PGAE Sierra 6.9 optimization output optimization 0.0 9/6/2018 OXMTN_6_LNDFIL PGAE Bay Area 9.8 optimization 0.0 San market optimization 0.0 <tr< td=""><td>0/0/2010</td><td>110MB11_0_01M10_2</td><td>1 0/12</td><td>Trambolat</td><td>0.0</td><td>•</td><td>0.0</td></tr<>	0/0/2010	110MB11_0_01M10_2	1 0/12	Trambolat	0.0	•	0.0
9/6/2018 HUMBPP_6_UNITS_4 PGAE Humboldt 9.1 optimization 0.0 9/6/2018 MIDWY3_2_MDSSR1 SDGE 20.0 optimization 0.0 9/6/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/6/2018 MRGT_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/6/2018 NAROW2_2_UNIT PGAE Sierra 6.9 optimization 0.0 9/6/2018 OXMTN_6_LNDFIL PGAE Bay Area 9.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0	9/6/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
9/6/2018 MIDWY3_2_MDSSR1 SDGE 20.0 optimization						market	
9/6/2018 MIDWY3_2_MDSSR1 SDGE 20.0 optimization 0.0 9/6/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/6/2018 NAROW2_2_UNIT PGAE Sierra 6.9 optimization 0.0 9/6/2018 OXMTN_6_LNDFIL PGAE Bay Area 9.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0	9/6/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	•	0.0
Big Creek- MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0							
9/6/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/6/2018 NAROW2_2_UNIT PGAE Sierra 6.9 optimization 0.0 9/6/2018 OXMTN_6_LNDFIL PGAE Bay Area 9.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0 San market optimization 0.0 San market optimization 0.0 San market optimization 0.0	9/6/2018	MIDWY3_2_MDSSR1	SDGE		20.0	optimization	0.0
9/6/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/6/2018 NAROW2_2_UNIT PGAE Sierra 6.9 optimization 0.0 9/6/2018 OXMTN_6_LNDFIL PGAE Bay Area 9.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0 San market optimization 0.0 0.0 0.0						market	
9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 market optimization on market optimization 0.0 9/6/2018 NAROW2_2_UNIT PGAE Sierra 6.9 optimization on market optimization 0.0 9/6/2018 OXMTN_6_LNDFIL PGAE Bay Area 9.8 optimization on market 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization on market 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization on one market 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization on one market	9/6/2018	MNDALY 6 MCGRTH	SCE		0.1		0.0
9/6/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/6/2018 NAROW2_2_UNIT PGAE Sierra 6.9 optimization 0.0 9/6/2018 OXMTN_6_LNDFIL PGAE Bay Area 9.8 optimization 0.0 San market 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0 San market optimization 0.0 0.0	3/0/2010	WINDALT_0_WCGIXTTI	JOL		0.1	•	0.0
9/6/2018 NAROW2_2_UNIT PGAE Sierra 6.9 optimization on optimization optimiz	9/6/2018	MRGT 6 MMAREF	SDGE		40.0		0.0
9/6/2018 OXMTN_6_LNDFIL PGAE Bay Area 9.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0 San market market 0.0 0.0 0.0 0.0 San market 0.0		- <u>-</u>		- 3 -		-	
9/6/2018 OXMTN_6_LNDFIL PGAE Bay Area 9.8 optimization 0.0 9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0 San San market San San market San market	9/6/2018	NAROW2_2_UNIT	PGAE	Sierra	6.9		0.0
9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization on optimization optimization on optimization op							
9/6/2018 PIOPIC_2_CTG1 SDGE Diego-IV 2.3 optimization 0.0 9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0 San San market San market	9/6/2018	OXMTN_6_LNDFIL	PGAE		9.8		0.0
9/6/2018 PIOPIC_2_CTG2 SDGE San Diego-IV 5.8 optimization optimization 0.0 San market market 0.0	0/0/00:15	DIODIO O CTO	0000		2.2		
9/6/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.8 optimization 0.0 San market	9/6/2018	PIOPIC_2_CTG1	SDGE		2.3		0.0
San market	0/6/2019	PIOPIC 2 CTG2	SDGE		E 0		0.0
	3/0/2010	1 101 10_2_0102	SDGE		5.0		0.0
JUNESTICATION 1 TO A TO	9/6/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	3.6	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource		Area	RA	Reason	award
				MW		
			CAISO		market	
9/6/2018	PNCHEG_2_PL1X4_4	PGAE	System	11.0	optimization	0.0
			CAISO		market	
9/6/2018	RTREE_2_WIND1	SCE	System	35.0	optimization	0.0
- /- /			l		market	
9/6/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
0/6/2019	WALCEK 2 CTC2	SCE	I A Booin	0.0	market	0.0
9/6/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization market	0.0
9/6/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
3/0/2010	W/\EGIN_Z_G1G0	OOL	L/ (Dasiii	0.7	market	0.0
9/6/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
					market	
9/7/2018	ANZA_6_SOLAR1	SDGE		3.6	optimization	0.0
					market	
9/7/2018	CAMCHE_1_PL1X3	PGAE	Stockton	0.8	optimization	0.0
			San		market	
9/7/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
9/7/2018	DNCHEC 2 DL1V4 4	PGAE	CAISO	20.0	market	0.0
9///2016	PNCHEG_2_PL1X4_4	PGAE	System CAISO	20.0	optimization market	0.0
9/7/2018	RTREE 2 WIND1	SCE	System	3.0	optimization	0.0
3/1/2010	TOTALE_Z_VVIINDT	OOL	Cystem	0.0	market	0.0
9/8/2018	ANZA_6_SOLAR1	SDGE		3.3	optimization	0.0
			San		market	
9/8/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
					market	
9/8/2018	DRUM_7_PL1X2	PGAE	Sierra	20.6	optimization	0.0
0/0/0040	METEO O DI AVO OVA	DO 4 E		-07.0	market	0.0
9/8/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	527.0	optimization	0.0
9/8/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
9/6/2016	WALCKK_Z_CTGT	SCE	LA Dasiii	0.4	market	0.0
9/8/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
0,0,2010	**************************************	002	27 (20011)	0.0	market	0.0
9/8/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
					market	
9/8/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
					market	
9/8/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	2.3
0/0/0040	VIIDACT C LINITAA	DOAE	0:	00.0	market	0.5
9/8/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization market	9.5
9/8/2018	YUBACT 6 UNITA1	PGAE	Sierra	20.0	optimization	27.6
3/3/2010	TODAOT_O_ONITAT	1 OAL	Jicha	20.0	market	21.0
9/9/2018	ANZA_6_SOLAR1	SDGE		3.3	optimization	0.0
			San		market	
9/9/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
9/9/2018	GRNVLY_7_SCLAND	PGAE	System	2.0	optimization	0.0
0/0/0040	DNOUEO O DLAVA A	DC 4 =	CAISO	45.5	market	0.0
9/9/2018	PNCHEG_2_PL1X4_4	PGAE	System	15.5	optimization	0.0

	Date	Resource	UDC	Local	Non	Reason	RUC
9/9/2018 SBERDO 2 PSP3 C2 SCE LA Basin 10.0 market optimization market optimization market 9/9/2018 SBERDO 2 PSP4 C2 SCE LA Basin 10.0 optimization market market market 9/9/2018 WALCRK 2 CTG2 SCE LA Basin 0.9 optimization market optimization market 9/9/2018 YUBACT 6 UNITA1 PGAE Sierra 47.6 optimization market optimization market 9/10/2018 ANAHM 2 CANYN2 ANHM LA Basin 3.7 optimization market optimization market 9/10/2018 ANZA 6 SOLAR1 SDGE Sierra 47.6 optimization optimization market optimization optimization optimization market 9/10/2018 CONTILA 2 SOLAR2 SDGE Diego-IV 5.0 optimization market optimization market 9/10/2018 GONZLS 6 UNIT PGAE Humboldt 0.3 optimization market 9/10/2018 HUMBPP 1 UNITS3 1 PGAE Humboldt 6.3 optimization market 9/10/2018 MRGT 6 MAREF SDGE Diego-IV 45.0 optimization market 9/10/2018	Date	resource	ODO			reason	award
9/9/2018 SBERDO_2_PSP3_C2 SCE					MW		
9/9/2018 SBERDO_2_PSP4_C2 SCE LA Basin 10.0 market optimization market optimization market optimization 9/9/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization market optimization 9/9/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization market optimization 9/10/2018 ANAHM_2_CANYN2 ANHM_LA Basin 3.7 optimization market optimization 9/10/2018 ANZA_6_SOLAR1 SDGE 20.0 optimization market optimization optimization 9/10/2018 BOGUE_1_UNITA1 PGAE Sierra 47.6 optimization optimization market optimization 9/10/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market optimization optimization 9/10/2018 GONZLS_6_UNIT PGAE Humboldt 0.3 optimization market optimization optimization 9/10/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.3 optimization market optimization optimization market optimization 9/10/2018 PIOPIC_2_CTG3 SDGE Diego-IV 45.0 optimization market optimization market optimization ma				1			
9/9/2018 SBERDO_2_PSP4_C2 SCE	9/9/2018	SBERDO_2_PSP3_C2	SCE	LA Basin	10.0		0.0
9/9/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 market optimization market optimization 9/9/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization market optimization 9/10/2018 ANAHM_2_CANYN2 ANHM LA Basin 3.7 optimization market optimization 9/10/2018 ANZA_6_SOLAR1 SDGE 20.0 optimization market optimization 9/10/2018 BOGUE_1_UNITA1 PGAE Sierra 47.6 optimization market optimization 9/10/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization market optimization market optimization 9/10/2018 GONZLS_6_UNIT PGAE Humboldt 0.3 optimization market optimization market optimization 9/10/2018 HUMBPP_1_UNITS_3 PGAE Humboldt 6.3 optimization market optimization market optimization 9/10/2018 MRGT_6_MMAREF SDGE Diego-IV 45.0 optimization market optimization market optimization market 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization market optimization market optimization mar	0/0/2019	SBEDDO 2 DSD4 C2	SCE	I A Basin	10.0		0.0
9/9/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization market market optimization optimization market optimization optimiza	9/9/2018	3BERDO_2_F3F4_C2	JOE	LA Dasiii	10.0	_	0.0
9/9/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization market optimization optimization market optimization market optimization market optimization market	9/9/2018	WALCRK 2 CTG2	SCE	LA Basin	0.9		0.0
9/10/2018 ANAHM_2_CANYN2 ANHM LA Basin 3.7 optimization market optimization 9/10/2018 ANZA_6_SOLAR1 SDGE 20.0 optimization market optimization 9/10/2018 BOGUE_1_UNITA1 PGAE Sierra 47.6 optimization 9/10/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization 9/10/2018 GONZLS_6_UNIT PGAE System 1.4 optimization 9/10/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 9/10/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.3 optimization 9/10/2018 MRGT_6_MMAREF SDGE Diego-IV 45.0 optimization 9/10/2018 PIOPIC_2_CTG3 SDGE Diego-IV 3.2 optimization 9/10/2018 SLYCRK_1_UNIT 1 PGAE Sierra 2.8 optimization 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.3 optimization 9/10/2018 YUBACT_6_UNITA1 P							
9/10/2018	9/9/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	•	0.0
9/10/2018				1			
9/10/2018 ANZA_6_SOLAR1 SDGE 20.0 optimization market optimization optimizati	9/10/2018	ANAHM_2_CANYN2	ANHM	LA Basin	3.7	_	0.0
9/10/2018 BOGUE_1_UNITA1 PGAE Sierra 47.6 optimization 9/10/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization 9/10/2018 GONZLS_6_UNIT PGAE System 1.4 optimization 9/10/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 9/10/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.3 optimization 9/10/2018 MRGT_6_MMAREF SDGE Diego-IV 45.0 optimization 9/10/2018 PIOPIC_2_CTG3 SDGE Diego-IV 3.2 optimization 9/10/2018 SLYCRK_1_UNIT 1 PGAE Sierra 2.8 optimization 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 9/10/2018 YUBACT_6_UNITA1 PGAE	0/10/2019	ANZA 6 SOLAD1	SDGE		20.0		0.0
9/10/2018 BOGUE_1_UNITA1	9/10/2018	ANZA_0_SOLART	SDGE		20.0		0.0
San	9/10/2018	BOGUE 1 UNITA1	PGAE	Sierra	47.6		0.0
9/10/2018 GONZLS_6_UNIT						•	
9/10/2018 GONZLS_6_UNIT PGAE System 1.4 optimization market market 9/10/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 9/10/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.3 optimization 9/10/2018 MRGT_6_MMAREF SDGE Diego-IV 45.0 optimization 9/10/2018 PIOPIC_2_CTG3 SDGE Diego-IV 3.2 optimization 9/10/2018 SLYCRK_1_UNIT 1 PGAE Sierra 2.8 optimization 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	9/10/2018	CNTNLA_2_SOLAR2	SDGE		5.0		0.0
9/10/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 9/10/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.3 optimization 9/10/2018 MRGT_6_MMAREF SDGE Diego-IV 45.0 optimization 9/10/2018 PIOPIC_2_CTG3 SDGE Diego-IV 3.2 optimization 9/10/2018 SLYCRK_1_UNIT 1 PGAE Sierra 2.8 optimization 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	_ , , _ , _ ,						
9/10/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization market 9/10/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.3 optimization 9/10/2018 MRGT_6_MMAREF SDGE Diego-IV 45.0 optimization 9/10/2018 PIOPIC_2_CTG3 SDGE Diego-IV 3.2 optimization 9/10/2018 SLYCRK_1_UNIT 1 PGAE Sierra 2.8 optimization 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	9/10/2018	GONZLS_6_UNIT	PGAE	System	1.4		0.0
9/10/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.3 optimization 9/10/2018 MRGT_6_MMAREF SDGE Diego-IV 45.0 optimization 9/10/2018 PIOPIC_2_CTG3 SDGE Diego-IV 3.2 optimization 9/10/2018 SLYCRK_1_UNIT 1 PGAE Sierra 2.8 optimization 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	0/10/2019	LIIMBDD 1 IINITS2 1	DCAE	Lumboldt	0.3		0.0
9/10/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.3 optimization 9/10/2018 MRGT_6_MMAREF SDGE Diego-IV 45.0 optimization 9/10/2018 PIOPIC_2_CTG3 SDGE Diego-IV 3.2 optimization 9/10/2018 SLYCRK_1_UNIT 1 PGAE Sierra 2.8 optimization 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	9/10/2016	TIOMBEE_I_ONITSS_I	FGAL	Humbolat	0.3	•	0.0
9/10/2018 MRGT_6_MMAREF SDGE Diego-IV 45.0 optimization optimization optimization 9/10/2018 PIOPIC_2_CTG3 SDGE Diego-IV 3.2 optimization optimization market 9/10/2018 SLYCRK_1_UNIT 1 PGAE Sierra 2.8 optimization market 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization market 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization market 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization market 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization market 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	9/10/2018	HUMBPP 6 UNITS 3	PGAE	Humboldt	6.3		0.0
9/10/2018 PIOPIC_2_CTG3 SDGE Diego-IV 3.2 optimization market optimization 9/10/2018 SLYCRK_1_UNIT 1 PGAE Sierra 2.8 optimization 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	0, 10, 20					_	
9/10/2018 PIOPIC_2_CTG3 SDGE Diego-IV 3.2 optimization market 9/10/2018 SLYCRK_1_UNIT 1 PGAE Sierra 2.8 optimization market 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization market 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization market 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization market 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization market 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	9/10/2018	MRGT_6_MMAREF	SDGE		45.0	optimization	0.0
9/10/2018 SLYCRK_1_UNIT 1 PGAE Sierra 2.8 optimization 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization							
9/10/2018 SLYCRK_1_UNIT 1 PGAE Sierra 2.8 optimization market 9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	9/10/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	3.2	•	0.0
9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization optimization 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization optimization 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization optimization 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	0/10/2018	SLVCRK 1 LINIT 1	PGAE	Sierra	2.8		0.0
9/10/2018 VERNON_6_GONZL1 VERN LA Basin 0.0 optimization market 9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	3/10/2010	OLTORIC_1_ONT	TOAL	Olema	2.0	_	0.0
9/10/2018 VERNON_6_GONZL2 VERN LA Basin 0.3 optimization market 9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	9/10/2018	VERNON_6_GONZL1	VERN	LA Basin	0.0		0.0
9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization optimization market 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization market optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization							
9/10/2018 YUBACT_6_UNITA1 PGAE Sierra 47.6 optimization 9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	9/10/2018	VERNON_6_GONZL2	VERN	LA Basin	0.3	•	0.0
9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization optimization 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	0/40/0040	VIIDACT C LINUTAA	DOAE	0:	47.0		0.0
9/11/2018 ANZA_6_SOLAR1 SDGE 2.9 optimization 9/11/2018 San market 9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	9/10/2018	YUBACT_6_UNITAT	PGAE	Sierra	47.6		0.0
9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	9/11/2018	ANZA 6 SOLAR1	SDGF		29		0.0
9/11/2018 BREGGO_6_SOLAR SDGE Diego-IV 14.4 optimization	0/11/2010	711127 (_0_00271111	0002	San	2.0	•	0.0
San market	9/11/2018	BREGGO_6_SOLAR	SDGE	Diego-IV	14.4	optimization	0.0
9/11/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization	9/11/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0		0.0
9/11/2018 HUMBPP 1 UNITS3 1 PGAE Humboldt 0.3 optimization	0/11/2019	LILIMDDD 4 LINITC2 4	DCAE	Lumboldt	0.3		0.0
9/11/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization market	9/11/2016	HUMBPP_I_UNITSS_I	PGAE	Humbolat	0.3		0.0
9/11/2018 NOVATO_6_LNDFL PGAE NCNB 0.5 optimization	9/11/2018	NOVATO 6 LNDFL	PGAE	NCNB	0.5		0.0
CAISO market						•	
9/11/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization	9/11/2018	PEABDY_2_LNDFL1	PGAE		0.4		0.0
San market	0/4 / / 5 - : -	DIODIO 6 3-3-					
9/11/2018 PIOPIC_2_CTG2 SDGE Diego-IV 5.4 optimization	9/11/2018	PIOPIC_2_CTG2	SDGE		5.4	•	0.0
9/11/2018 PNCHEG_2_PL1X4_4 PGAE System 19.5 optimization	9/11/2019	PNCHEG 2 PL1Y4 4	PCAF		10.5		0.0
market	J/ 1 1/2010	11101120_2_1 21/4_4	1 OAL	Cysteili	19.0		0.0
9/11/2018 RCKCRK_7_UNIT 2 PGAE Sierra 22.5 optimization	9/11/2018	RCKCRK_7_UNIT 2	PGAE	Sierra	22.5		0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
					market	
9/11/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
					market	
9/11/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	27.6
					market	
9/12/2018	ANAHM_2_CANYN2	ANHM	LA Basin	3.7	optimization	0.0
					market	
9/12/2018	ANAHM_2_CANYN4	ANHM	LA Basin	21.3	optimization	0.0
					market	
9/12/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
0/40/0040	0.17.11.4.0.001.450	0005	San		market	
9/12/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/40/0040	LUIMDDD 4 LINUTO0 4	DOAF	111 -14	0.0	market	0.0
9/12/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.0
0/40/0040	LUIMDDD 4 LINUTCO 4	DOAF	I I	0.0	market	0.0
9/12/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.3
			Big Creek-		markat	
9/12/2018	MNDALY 6 MCGRTH	SCE	Ventura	0.1	market optimization	0.0
9/12/2016	WINDALT_0_WCGRTH	SCE	CAISO	0.1	market	0.0
9/12/2018	PNCHEG 2 PL1X4 4	PGAE	System	20.0	optimization	0.0
9/12/2010	FNCHEG_Z_FLIX4_4	FUAL	System	20.0	market	0.0
9/12/2018	WALCRK_2_CTG2	SCE	LA Basin	0.4	optimization	0.0
3/12/2010	W/\LOT_Z_\OT\\\Z	JOOL	L/ (Dasiii	0.4	market	0.0
9/13/2018	ANAHM 2 CANYN2	ANHM	LA Basin	3.7	optimization	0.0
0/10/2010	744741112	7 (1 (1) (1)	L/ (Baoiii	0.7	market	0.0
9/13/2018	ANAHM_2_CANYN4	ANHM	LA Basin	21.3	optimization	0.0
					market	
9/13/2018	ANZA_6_SOLAR1	SDGE		1.0	optimization	0.0
					market	
9/13/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	optimization	27.6
			San		market	
9/13/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			San		market	
9/13/2018	ELCAJN_6_UNITA1_CT2	SDGE	Diego-IV	40.0	optimization	0.0
			San		market	
9/13/2018	ESCNDO_6_PL1X2	SDGE	Diego-IV	2.7	optimization	0.0
					market	
9/13/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
			CAISO		market	
9/13/2018	HATLOS_6_LSCRK	PGAE	System	0.3	optimization	0.0
0/40/0040		0005	San	4-0	market	
9/13/2018	MRGT_6_MMAREF	SDGE	Diego-IV	45.0	optimization	0.0
0/40/2045	OANII OB 4 11155''	DC 4 5	CAISO	4 =	market	
9/13/2018	SANLOB_1_LNDFIL	PGAE	System	1.5	optimization	0.0
0/40/0040	TDNOLT 0 001 AD	DC 4 F		40.0	market	
9/13/2018	TRNQLT_2_SOLAR	PGAE	Fresno	42.9	optimization	0.0
0/12/2010	VERNON & CONTLA	VEDM	I A Booin	0.0	market	0.0
9/13/2018	VERNON_6_GONZL1	VERN	LA Basin	0.0	optimization	0.0
0/12/2019	VEDNON & CONTLO	VEDNI	I A Booin	0.3	market	0.0
9/13/2018	VERNON_6_GONZL2	VERN	LA Basin	0.3	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA MW		award
				10100	market	
9/13/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
3/13/2010	WALGINIC_Z_GTGT	JOL	LA Dasiii	0.4	market	0.0
9/13/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
0/10/2010	W/\LOT(_Z_\OT\\Z	002	E/ (Baoiii	0.0	market	0.0
9/13/2018	WALCRK 2 CTG4	SCE	LA Basin	0.5	optimization	0.0
					market	
9/13/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
					market	
9/14/2018	ANAHM_2_CANYN2	ANHM	LA Basin	3.7	optimization	0.0
					market	
9/14/2018	ANAHM_2_CANYN4	ANHM	LA Basin	20.0	optimization	0.0
					market	
9/14/2018	ANZA_6_SOLAR1	SDGE		8.2	optimization	0.0
0/4/4/00/40	DOOLE 4 LINETA	DC 4 =	0:	00.0	market	2.2
9/14/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	optimization	0.0
0/4 4/2040	CNITNII A O COLADO	CDCE	San	40.0	market	0.0
9/14/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV San	12.9	optimization	0.0
9/14/2018	ELCAJN 6 UNITA1 CT2	SDGE	Diego-IV	45.4	market optimization	0.0
9/14/2016	ELCAJN_0_ONITAT_CTZ	SDGE	San	45.4	market	0.0
9/14/2018	ESCNDO_6_PL1X2	SDGE	Diego-IV	2.7	optimization	0.0
3/14/2010	<u> </u>	ODOL	Diego IV	2.1	market	0.0
9/14/2018	FMEADO_6_HELLHL	PGAE	Sierra	0.4	optimization	0.0
0, 1 1, 20 10			0.0	0	market	0.0
9/14/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
			San		market	
9/14/2018	MRGT_6_MMAREF	SDGE	Diego-IV	45.0	optimization	0.0
			San		market	
9/14/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV	12.6	optimization	0.0
			San		market	
9/14/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	2.5	optimization	0.0
_,,,,,,			San		market	
9/14/2018	PIOPIC_2_CTG3	SDGE	Diego-IV	3.9	optimization	0.0
0/4 4/0040	DNCHEC 2 DIAVA 4	DC 4.E	CAISO	20.0	market	0.0
9/14/2018	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
9/14/2018	RTREE 2 WIND1	SCE	CAISO System	1.5	market optimization	0.0
3/14/2010	INTINEE_Z_VVIINDI	JUE	System	1.0	market	0.0
9/14/2018	TRNQLT_2_SOLAR	PGAE	Fresno	124.3	optimization	0.0
5/ 1 1/2010		. 0/12	. 100110	124.0	market	0.0
9/14/2018	WALCRK 2 CTG4	SCE	LA Basin	0.5	optimization	0.0
2 0 . 0		-		0.0	market	
9/14/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
	_ _				market	
9/15/2018	ANAHM_2_CANYN2	ANHM	LA Basin	3.7	optimization	0.0
					market	
9/15/2018	ANAHM_2_CANYN4	ANHM	LA Basin	21.3	optimization	0.0
					market	
9/15/2018	ANZA_6_SOLAR1	SDGE		7.7	optimization	0.0
		D	_		market	
9/15/2018	AVENAL_6_AVSLR1	PGAE	Fresno	4.4	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
0/4=/0040		5045	_		market	
9/15/2018	AVENAL_6_AVSLR2	PGAE	Fresno	4.4	optimization	0.0
9/15/2018	CNITNI A 2 SOLAB2	SDGE	San Diogo IV	11 2	market	0.0
9/15/2016	CNTNLA_2_SOLAR2	SDGE	Diego-IV San	11.3	optimization market	0.0
9/15/2018	ELCAJN_6_UNITA1_CT2	SDGE	Diego-IV	40.0	optimization	0.0
3/10/2010	<u> </u>	ODOL	San	40.0	market	0.0
9/15/2018	ESCNDO_6_PL1X2	SDGE	Diego-IV	2.7	optimization	0.0
					market	
9/15/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
9/15/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.0
0/45/0040	NAMECT O COLADA	0005	San	74.0	market	0.0
9/15/2018	IVWEST_2_SOLAR1	SDGE	Diego-IV San	74.8	optimization market	0.0
9/15/2018	MRGT 6 MEF2	SDGE	Diego-IV	1.0	optimization	0.0
3/13/2010	WINCOT_O_WIETZ	ODGL	San	1.0	market	0.0
9/15/2018	MRGT 6 MMAREF	SDGE	Diego-IV	46.0	optimization	0.0
			San		market	
9/15/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV	22.9	optimization	0.0
			CAISO		market	
9/15/2018	RTREE_2_WIND1	SCE	System	1.3	optimization	0.0
0/45/0040	TD101 T 0 001 AB	DO 4 E	_	00.0	market	0.0
9/15/2018	TRNQLT_2_SOLAR	PGAE	Fresno	26.6	optimization	0.0
9/15/2018	WALCRK 2 CTG1	SCE	LA Basin	0.4	market optimization	0.0
9/13/2016	WALCKK_Z_CTGT	SCE	LA Dasiii	0.4	market	0.0
9/15/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
0/10/2010	**************************************	002	27 (20011)	0.0	market	0.0
9/15/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
					market	
9/15/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	0.0
0/4=/0040		5045	<u>.</u>	4- 6	market	a= a
9/15/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	optimization	27.6
9/16/2018	ANAHM 2 CANYN2	ANHM	LA Basin	3.7	market optimization	0.0
9/10/2010	ANATIWI_Z_CANTINZ	AINI IIVI	LA Dasiii	3.1	market	0.0
9/16/2018	ANAHM 2 CANYN4	ANHM	LA Basin	21.3	optimization	0.0
	= = -				market	
9/16/2018	ANZA_6_SOLAR1	SDGE		8.2	optimization	0.0
			San		market	
9/16/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	12.9	optimization	0.0
0/40/0040		0005	San	45.4	market	0.0
9/16/2018	ELCAJN_6_UNITA1_CT2	SDGE	Diego-IV San	45.4	optimization	0.0
9/16/2018	ESCNDO_6_PL1X2	SDGE	Diego-IV	2.7	market optimization	0.0
5/15/2010	2001120_0_1 217/2	0000	Diogo IV	2.1	market	0.0
9/16/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
			Big		•	
			Creek-		market	
9/16/2018	MNDALY_6_MCGRTH	SCE	Ventura	0.1	optimization	0.0

Area RA MW MW MW MW MW MW MW M	Date	Resource	UDC	Local	Non	Reason	RUC
9/16/2018 MRGT_6_MMAREF SDGE Diego-IV 45.0 optimization 0.1	Date	Resource	ODC			Reason	award
9/16/2018 MRGT_6_MMAREF SDGE Diego-IV Jieco 45.0 optimization market market 9/16/2018 PALOMR 2_PL1X3_2X1_DF SDGE Diego-IV Jieco 12.0 optimization of market optimization optimization optimization 0.1 9/16/2018 PSWEET_1_STCRUZ PGAE System 1.0 optimization optimization optimization 0.1 9/16/2018 RTREE_2_WIND1 SCE System 0.3 optimization optimization optimization optimization 0.1 9/16/2018 SBERDO_2_PSP3_C2 SCE LA Basin 8.0 optimization optimization optimization optimization 0.1 9/16/2018 TRNQLT_2_SOLAR PGAE Fresno 28.3 optimization optimization optimization optimization 0.1 9/16/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization optimization optimization optimization 0.1 9/16/2018 WALCRK_2_CTG4 SCE LA Basin 0.5 optimization optimization optimization optimization 0.1 9/17/2018 ANAHM_2_CANYN4 ANHM LA Basin 0.5 optimization optimization optimizatio				7.1.00			G.17G.1G
9/16/2018 PALOMR 2 PL1X3 2X1 DF SDGE Diego-IV 12.0 optimization 0.1 market 0.2 pl/16/2018 PSWEET 1 STCRUZ PGAE System 1.0 optimization 0.1 market 0.3 pl/16/2018 RTREE_2 WIND1 SCE System 0.3 optimization 0.1 market 0.3 pl/16/2018 SBERDO 2 PSP3 C2 SCE LA Basin 0.4 poptimization 0.1 market 0.5 pl/16/2018 TRNOLT_2 SOLAR PGAE Fresno 28.3 optimization 0.1 market 0.1 market 0.1 pl/16/2018 WALCRK 2 CTG1 SCE LA Basin 0.4 poptimization 0.1 market 0.1 pl/16/2018 WALCRK 2 CTG3 SCE LA Basin 0.4 poptimization 0.1 market 0.1 pl/16/2018 WALCRK 2 CTG3 SCE LA Basin 0.5 optimization 0.1 market 0.1 pl/16/2018 WALCRK 2 CTG4 SCE LA Basin 0.5 optimization 0.1 market 0.1 pl/16/2018 WALCRK 2 CTG4 SCE LA Basin 0.5 optimization 0.1 market 0.1 pl/16/2018 WALCRK 2 CTG4 SCE LA Basin 0.5 optimization 0.1 market 0.1 pl/16/2018 WALCRK 2 CTG4 SCE LA Basin 0.5 optimization 0.1 market 0.1 pl/16/2018 WALCRK 2 CTG4 SCE LA Basin 0.5 optimization 0.1 market 0.1 pl/16/2018 WALCRK 2 CTG4 SCE LA Basin 0.5 optimization 0.1 market 0.1 pl/16/2018 CNTNLA 2 SOLAR2 SDGE Diego-IV 5.0 optimization 0.1 market 0.1 pl/16/2018 CNTNLA 2 SOLAR2 SDGE Diego-IV 5.0 optimization 0.1 market 0.1 pl/16/2018 GARNET 2 HYDRO SCE LA Basin 0.6 optimization 0.1 market 0.1 pl/16/2018 GRIDLY 6 SOLAR PGAE Sierra 0.2 optimization 0.1 market 0.1 pl/16/2018 HUMBPP 6 UNITS 3 PGAE Humboldt 0.3 optimization 0.1 market 0.1 pl/16/2018 MRCHNT 2 PL1X3 2X1 SCE System 58.8 optimization 0.1 market 0.1 pl/16/2018 MRCHNT 2 PL1X3 2X1 SCE System 25.8 optimization 0.1 market 0.1 pl/16/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.1 market 0.1 pl/16/2018 SGREGY 6_SANGER PGAE Fresno 3.0 optimization 0.1 market 0.1 pl/16/2018 SGREGY 6_SANGER PGAE Fresno 3.0 optimization 0.1 market 0.1 pl/16/2018 SGREGY 6_SANGER PGAE Fresno 3.0 optimization 0.1 market 0.1 pl/16/2018 market 0.1 pl/1				San		market	
9/16/2018 PALOMR 2 PL1X3 2X1 DF SDGE Diego-IV 12.0 Optimization O.1	9/16/2018	MRGT_6_MMAREF	SDGE	Diego-IV	45.0	optimization	0.0
9/16/2018 PSWEET_1_STCRUZ PGAE System 1.0 optimization 0.1							
9/16/2018 PSWEET_1_STCRUZ PGAE System 1.0 Optimization O.1	9/16/2018	PALOMR_2_PL1X3_2X1_DF	SDGE		12.0	_	0.0
9/16/2018 RTREE_2_WIND1 SCE							
9/16/2018 RTREE_2_WIND1 SCE System 0.3 optimization 0.1	9/16/2018	PSWEET_1_STCRUZ	PGAE		1.0	•	0.0
9/16/2018 SBERDO 2 PSP3 C2 SCE LA Basin 8.0 optimization 0.1	0/40/0040	DIDEE O WINDA	005		0.0		0.0
9/16/2018 SBERDO 2 PSP3 C2 SCE LA Basin 8.0 optimization 0.1	9/16/2018	RTREE_2_WIND1	SCE	System	0.3		0.0
9/16/2018 TRNQLT_2 SOLAR PGAE Fresno 28.3 optimization op	0/16/2019	SPERDO 2 DSD2 C2	SCE	I A Booin	9.0		0.0
9/16/2018 TRNQLT_2_SOLAR PGAE Fresno 28.3 optimization 0.1	9/10/2016	3BERDO_2_F3F3_C2	SCE	LA Dasiii	0.0	_	0.0
9/16/2018 WALCRK_2_CTG1 SCE LA Basin 0.4 optimization optimization optimization 0.5 optimization optimization 0.6 optimization optimization 0.7 optimization <th< td=""><td>9/16/2018</td><td>TRNOLT 2 SOLAR</td><td>PGAE</td><td>Fresno</td><td>28.3</td><td></td><td>0.0</td></th<>	9/16/2018	TRNOLT 2 SOLAR	PGAE	Fresno	28.3		0.0
9/16/2018 WALCRK_2_CTG1 SCE	3/10/2010	THIVGET_Z_OOLAR	TOAL	1103110	20.0	_	0.0
9/16/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization 0.6 9/16/2018 WALCRK_2_CTG4 SCE LA Basin 0.5 optimization 0.6 9/17/2018 ANAHM_2_CANYN4 ANHM LA Basin 2.1 optimization 0.6 9/17/2018 ANZA_6_SOLAR1 SDGE 2.1 optimization 0.6 9/17/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization 0.6 9/17/2018 COPMT4_2_SOLAR4 SCE System 58.8 optimization 0.6 9/17/2018 GARNET_2_HYDRO SCE LA Basin 0.6 optimization 0.6 9/17/2018 GRIDLY_6_SOLAR PGAE Sierra 0.2 optimization 0.6 9/17/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.6 9/17/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.6 9/17/2018 MRCHNT_2_PL1X3_2X1 SCE System 25.8 optimization 0.6 9/17/2018 MRGT_6_MMAREF S	9/16/2018	WALCRK 2 CTG1	SCE	LA Basin	0.4		0.0
9/16/2018 WALCRK_2_CTG3 SCE LA Basin 0.7 optimization 0.1 market 9/16/2018 WALCRK_2_CTG4 SCE LA Basin 0.5 optimization 0.1 market 9/17/2018 ANAHM_2_CANYN4 ANHM LA Basin 21.3 optimization 0.1 market 9/17/2018 ANZA_6_SOLAR1 SDGE 2.1 optimization 0.1 market 9/17/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization 0.1 market 9/17/2018 COPMT4_2_SOLAR4 SCE System 58.8 optimization 0.1 market 9/17/2018 GARNET_2_HYDRO SCE LA Basin 0.6 optimization 0.1 market 9/17/2018 GRIDLY_6_SOLAR PGAE Sierra 0.2 optimization 0.1 market 9/17/2018 HUMBPP_1_UNITS_1 PGAE Humboldt 0.3 optimization 0.1 market 9/17/2018 MRCHNT_2_PL1X3_2X1 SCE System 25.8 optimization 0.1 market 9/17/2018 MRCHNT_2_PL1X3_2X1 SCE System 25.8 optimization 0.1 market	0,10,2010	**************************************	002	27 (20011)	0		0.0
9/16/2018 WALCRK 2_CTG4 SCE LA Basin 0.5 optimization opt	9/16/2018	WALCRK 2 CTG3	SCE	LA Basin	0.7		0.0
9/17/2018 ANAHM_2_CANYN4 ANHM LA Basin 21.3 market optimization outmarket optimization 0.6 9/17/2018 ANZA_6_SOLAR1 SDGE 2.1 optimization optimization outmarket optimization 0.1 9/17/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization optimization optimization 0.1 9/17/2018 COPMT4_2_SOLAR4 SCE System 58.8 optimization optimization optimization optimization 0.1 9/17/2018 GARNET_2_HYDRO SCE LA Basin optimization optimization optimization optimization optimization optimization 0.1 9/17/2018 GRIDLY_6_SOLAR PGAE Humboldt optimization opti						market	
9/17/2018	9/16/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0
9/17/2018 ANZA_6_SOLAR1 SDGE 2.1 market optimization outside opti						market	
9/17/2018 ANZA_6_SOLAR1 SDGE San market Olimization Olimizat	9/17/2018	ANAHM_2_CANYN4	ANHM	LA Basin	21.3	optimization	0.0
San Diego-IV S.0 Optimization O.1							
9/17/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 5.0 optimization 0.1	9/17/2018	ANZA_6_SOLAR1	SDGE		2.1	_	0.0
9/17/2018 COPMT4_2_SOLAR4 SCE System 58.8 optimization 0.0							
9/17/2018 COPMT4_2_SOLAR4 SCE System 58.8 optimization 0.0	9/17/2018	CNTNLA_2_SOLAR2	SDGE		5.0		0.0
9/17/2018 GARNET_2_HYDRO SCE LA Basin 0.6 optimization optimization 0.1 market optimization 9/17/2018 GRIDLY_6_SOLAR PGAE Sierra 0.2 optimization 0.1 market optimization 9/17/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.4 market optimization 9/17/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.4 market optimization 9/17/2018 MRCHNT_2_PL1X3_2X1 SCE System 25.8 optimization 0.4 market optimization 9/17/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.4 market optimization 9/17/2018 PNCHEG_2_PL1X4_4 PGAE System 20.0 optimization 0.4 optimization 9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization 0.4 optimization 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.4 optimization 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.4 optimization	0/47/0040	0001474 0 001 404	005		50.0		0.0
9/17/2018 GARNET_2_HYDRO SCE LA Basin 0.6 optimization 0.4 9/17/2018 GRIDLY_6_SOLAR PGAE Sierra 0.2 optimization 0.4 9/17/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.4 9/17/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.4 9/17/2018 MRCHNT_2_PL1X3_2X1 SCE System 25.8 optimization 0.4 9/17/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.4 9/17/2018 PNCHEG_2_PL1X4_4 PGAE System 20.0 optimization 0.4 9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization 0.4 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.4 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.4	9/17/2018	COPM14_2_SOLAR4	SCE	System	58.8		0.0
9/17/2018 GRIDLY_6_SOLAR PGAE Sierra 0.2 optimization 0.4 optimization 0.5 optimization 0.6 optimization 0.7 optimizati	0/47/0040	CARNET A LIVERO	COE	I A Dasin	0.0		0.0
9/17/2018 GRIDLY_6_SOLAR PGAE Sierra 0.2 optimization 0.4 9/17/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.4 9/17/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.4 9/17/2018 MRCHNT_2_PL1X3_2X1 SCE System 25.8 optimization 0.4 9/17/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.4 9/17/2018 PNCHEG_2_PL1X4_4 PGAE System 20.0 optimization 0.4 9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization 0.4 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.4 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.4	9/17/2018	GARNET_Z_HYDRO	SCE	LA Basin	0.6	_	0.0
9/17/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.4 9/17/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.4 9/17/2018 MRCHNT_2_PL1X3_2X1 SCE System 25.8 optimization 0.4 9/17/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.4 9/17/2018 PNCHEG_2_PL1X4_4 PGAE System 20.0 optimization 0.4 9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization 0.4 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.4 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.4	0/17/2018	CDIDLY & SOLAD	DCVE	Siorra	0.2		0.0
9/17/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.4 9/17/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.4 9/17/2018 MRCHNT_2_PL1X3_2X1 SCE System 25.8 optimization 0.4 9/17/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.4 9/17/2018 PNCHEG_2_PL1X4_4 PGAE System 20.0 optimization 0.4 9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization 0.4 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.4 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.4	3/11/2010	GRIDET_0_SOLAR	TOAL	Olerra	0.2		0.0
9/17/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/17/2018 MRCHNT_2_PL1X3_2X1 SCE System 25.8 optimization 0.0 9/17/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/17/2018 PNCHEG_2_PL1X4_4 PGAE System 20.0 optimization 0.0 9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization 0.0 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.0 Big Creek- Market 0.0 0.0 0.0 0.0 Big Creek- Market 0.0 0.0 0.0 0.0 0.0	9/17/2018	HUMBPP 1 UNITS3 1	PGAF	Humboldt	0.3		0.0
9/17/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/17/2018 MRCHNT_2_PL1X3_2X1 SCE System 25.8 optimization 0.0 9/17/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/17/2018 PNCHEG_2_PL1X4_4 PGAE System 20.0 optimization 0.0 9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization 0.0 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.0 Big Creek- Market Market 0.0 0.0 0.0 0.0 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.0	0,11,2010	110111211 _1_0111100_1	. 0, 12	Trambolac	0.0		0.0
9/17/2018 MRCHNT_2_PL1X3_2X1 SCE System 25.8 optimization 0.0 9/17/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/17/2018 PNCHEG_2_PL1X4_4 PGAE System 20.0 optimization 0.0 9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization 0.0 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.0 Big Creek- Big Creek- market 0.0 0.0 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.0	9/17/2018	HUMBPP 6 UNITS 3	PGAE	Humboldt	6.8		0.0
9/17/2018 MRCHNT_2_PL1X3_2X1 SCE System 25.8 optimization 0.0 9/17/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/17/2018 PNCHEG_2_PL1X4_4 PGAE System 20.0 optimization 0.0 9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization 0.0 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.0 Big Creek- Market Big Creek- market 0.0 0.0	0,11,2010						
9/17/2018 MRGT_6_MMAREF SDGE Diego-IV 40.0 optimization 0.0 9/17/2018 PNCHEG_2_PL1X4_4 PGAE System 20.0 optimization 0.0 Big Creek- 9/17/2018 Creek- SCE WDFTH SCE Ventura 0.4 optimization 0.0 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.0 Big Creek- Market Market 0.0 0.0 0.0	9/17/2018	MRCHNT_2_PL1X3_2X1	SCE		25.8		0.0
9/17/2018 PNCHEG_2_PL1X4_4 PGAE CAISO System market optimization 0.4 9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization optimization 0.4 9/17/2018 SGREGY_6_SANGER PGAE Fresno Fresno Fresno optimization 0.4 optimization optimization 0.4 Big Creek- Market Creek- Market market 0.4 optimization 0.4				San		market	
9/17/2018 PNCHEG_2_PL1X4_4 PGAE System 20.0 optimization 0.0 9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization 0.0 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.0 Big Creek- Creek- market market 0.0	9/17/2018	MRGT_6_MMAREF	SDGE		40.0	optimization	0.0
Big Creek- market							
9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization 0.4 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.4 Big Creek- market market	9/17/2018	PNCHEG_2_PL1X4_4	PGAE		20.0	optimization	0.0
9/17/2018 SAUGUS_6_MWDFTH SCE Ventura 0.4 optimization 0.4 9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.4 Big Creek- market market market 0.4 market							
9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.0 Big Creek- market	0/47/0040	CALICUIC C MANDETU	005		2.4		0.0
9/17/2018 SGREGY_6_SANGER PGAE Fresno 3.0 optimization 0.0 Big Creek- market	9/17/2018	SAUGUS_6_MWDF1H	SCE	ventura	0.4		0.0
Big Creek- market	0/17/2010	SCRECY & SANCER	DC A E	France	2.0		0.0
Creek- market	9/11/2018	SUREUT_0_SANGER	PGAE		3.0	opumization	0.0
						market	
\pm 9/17/2018 LENGEN 2 PL1X2 \pm SCE \pm Venture \pm 1.4 \pm ontimization \pm 0.6	9/17/2018	TENGEN_2_PL1X2	SCE	Ventura	1.4	optimization	0.0
SCE Venidia 1.4 Optimization 0.1	3/11/2010	12140214_2_1 21/12	JOL	VOIRGIA	1.7		0.0
	9/17/2018	WALCRK 2 CTG4	SCE	LA Basin	0.5		0.0
market	5, 17,2010				0.0		5.0
	9/18/2018	ANAHM 2 CANYN4	ANHM	LA Basin	21.3		0.0

	Date	Resource	UDC	Local	Non	Reason	RUC
9/18/2018 ANZA 6_SOLAR1 SDGE San market Optimization O.0 Market Optimization O.0 Optimizatio				Area			award
9/18/2018 ANZA 6 SOLAR1 SDGE San market Optimization O.0 9/18/2018 CNTNLA 2 SOLAR2 SDGE Diego-IV 12.9 optimization O.0 9/18/2018 ESQUON 6 LNDFIL PGAE System 2.1 optimization O.0 9/18/2018 GRIDLY 6 SOLAR PGAE Sierra O.1 optimization O.0 9/18/2018 HUMBPP 1 UNITS 3 PGAE Humboldt A.3 optimization O.0 9/18/2018 HUMBPP 6 UNITS 3 PGAE Humboldt A.3 optimization O.0 9/18/2018 HYTTHM 2 UNITS CWRP System As.0 optimization O.0 9/18/2018 KERKH2 7 UNIT 1 PGAE Fresno To.0 optimization O.0 9/18/2018 MNDALY 6 MCGRTH SCE Ventura O.1 optimization O.0 9/18/2018 TRNQLT 2 SOLAR PGAE Fresno To.0 optimization O.0 9/18/2018 WALCRK 2 CTG1 SCE LA Basin O.9 optimization O.0 9/19/2018 ANZA 6 SOLAR1 SDGE S.2 optimization O.0 9/19/2018 ARLVAL 5 SOLAR PGAE Fresno To.0 optimization O.0 9/19/2018 GRIDLY 6 SOLAR PGAE Fresno To.0 optimization O.0 9/19/2018 ARLVAL 5 SOLAR SDGE Diego-IV To.0 optimization O.0 9/19/2018 HUMBPP 6 UNITS 3 PGAE Humboldt To.0 optimization O.0 9/19/2018 ARLVAL 5 SOLAR PGAE Fresno To.0 optimization O.0 9/19/2018 GRIDLY 6 SOLAR PGAE Humboldt O.3 optimization O.0 9/19/2018 HUMBPP 1 UNITS 1 PGAE Humboldt O.3 optimization O.0 9/19/2018 HUMBPP 6 UNITS 3 PGAE Humboldt O.3 optimization O.0 9/19/2018 HUMBPP 1 UNITS 3 PGAE Humboldt O.3 optimization O.0 9/19/2018 HUMBPP 2 UNITS PGAE Humboldt O.3 optimization O.0 9/19/2018 HUMBPP 3 UNITS PGAE Humboldt O.3 optimization O.0 9/19/2018 HUMBPP 4 UNITS 3 PGAE Humboldt O.3 optimization O.0 9/19/2018 HUMBPP 5 UNITS PGAE Humboldt O.3 optimization O.0 9/19/2018 HUMBPP 5 UNITS PGAE Humboldt O.0 optimization O.0 9/19/2018 PEABDY 2 LNDFLI PGAE System O.4 optimization O.0 9					MW		
9/18/2018 CNTNLA 2 SOLAR2 SDGE Diego-IV 12.9 optimization 0.0 CAISO market pylazion 0.0 market optimization 0.0 optimization 0.0 market optimization 0.0 optimization 0.0 market optimization 0.0 optimiza	0/40/0040	41174 0 001 454	0005		0.0		0.0
9/18/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 12.9 optimization market market 0.0 9/18/2018 ESQUON_6_LNDFIL PGAE System 2.1 optimization optim	9/18/2018	ANZA_6_SOLAR1	SDGE	0	8.2		0.0
9/18/2018 ESQUON_6_LNDFIL PGAE System 2.1 optimization 0.0	0/40/2040	CNITNII A 2 SOLAB2	SDCE		12.0		0.0
9/18/2018 ESQUON_6_LNDFIL PGAE System 2.1 optimization market optimization 0.0 9/18/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization optimiz	9/10/2016	CNTNLA_Z_SULARZ	SDGE		12.9		0.0
9/18/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 market optimization 0.0 marke	9/18/2018	ESOLION & LNDEIL	PGAE		21		0.0
9/18/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization market market 0.0 9/18/2018 HUMBPP_1_UNITS_1 PGAE Humboldt Humboldt market 0.3 optimization optimization optimization 0.0 9/18/2018 HUMBPP_6_UNITS_3 PGAE Humboldt market 0.0 market market 0.0 9/18/2018 HYTTHM_2_UNITS CWRP System 45.0 optimization o	3/10/2010	EOGOGIA_O_EINDI IE	TOAL	Cystem	2.1	•	0.0
9/18/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.0 9/18/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 4.3 optimization 0.0 9/18/2018 HYTTHM_2_UNITS CWRP System 45.0 optimization 0.0 9/18/2018 KERKH2_7_UNIT_1 PGAE Fresno 70.0 optimization 0.0 9/18/2018 KERKH2_7_UNIT_1 PGAE Fresno 70.0 optimization 0.0 9/18/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/18/2018 TRNQLT_2_SOLAR PGAE Fresno 14.6 optimization 0.0 9/18/2018 WALCRK_2_CTG1 SCE LA Basin 0.4 optimization 0.0 9/18/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization 0.0 9/19/2018 ANAHM_2_CANYN4 ANHM LA Basin 14.9 optimization 0.0 9/19/2018 ARLVAL_5_SOLAR SDGE San market m	9/18/2018	GRIDLY 6 SOLAR	PGAE	Sierra	0.1		0.0
9/18/2018 HUMBPP 6_UNITS_3 PGAE Humboldt 4.3 optimization 0.0 9/18/2018 HYTTHM_2_UNITS CWRP System 45.0 optimization 0.0 9/18/2018 KERKH2_7_UNIT_1 PGAE Fresno 70.0 optimization 0.0 9/18/2018 KERKH2_7_UNIT_1 PGAE Fresno 70.0 optimization 0.0 9/18/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/18/2018 TRNQLT_2_SOLAR PGAE Fresno 14.6 optimization 0.0 9/18/2018 WALCRK_2_CTG1 SCE LA Basin 0.4 optimization 0.0 9/18/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization 0.0 9/19/2018 ANAHM_2_CANYN4 ANHM LA Basin 14.9 optimization 0.0 9/19/2018 ARZA_6_SOLAR1 SDGE S.2 optimization 0.0 9/19/2018 ARLVAL_5_SOLAR SDGE Import 17.7 optimization 0.0 9/19/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 12.9 optimization 0.0 9/19/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization 0.0 9/19/2018 HUMBPP_1_UNITS_1 PGAE Humboldt 0.3 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 1.7 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0 9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0 9/19/2018 TRNQLT_2_S							
9/18/2018 HUMBPP_6_UNITS_3 PGAE Humboldt CAISO CAISO System 4.3 optimization market optimization optimiza	9/18/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.0
9/18/2018 HYTTHM_2_UNITS CWRP System 45.0 market optimization 0.0 market 0.0 0.0 market 0.0 0.0 market 0.0 0							
9/18/2018 HYTTHM_2_UNITS CWRP System 45.0 optimization market optimization 0.0 9/18/2018 KERKH2_7_UNIT 1 PGAE Fresno 70.0 optimization optimization 0.0 9/18/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization optimization 0.0 9/18/2018 TRNQLT_2_SOLAR PGAE Fresno 14.6 optimization optimization 0.0 9/18/2018 WALCRK_2_CTG1 SCE LA Basin 0.4 optimization optimization optimization optimization 0.0 9/18/2018 WALCRK_2_CTG2 SCE LA Basin optimization optimiz	9/18/2018	HUMBPP_6_UNITS_3	PGAE		4.3		0.0
9/18/2018 KERKH2_7_UNIT_1	0/40/0040		OME		45.0		0.0
9/18/2018 KERKH2_7_UNIT 1 PGAE Fresno 70.0 optimization 0.0 9/18/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization 0.0 9/18/2018 TRNQLT_2_SOLAR PGAE Fresno 14.6 optimization 0.0 9/18/2018 WALCRK_2_CTG1 SCE LA Basin 0.4 optimization 0.0 9/18/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization 0.0 9/19/2018 ANAHM_2_CANYN4 ANHM LA Basin 14.9 optimization 0.0 9/19/2018 ANZA_6_SOLAR1 SDGE SDGE market optimization 0.0 9/19/2018 ARLVAL_5_SOLAR SDGE Import 17.7 optimization 0.0 9/19/2018 CNTNLA_2_SOLAR SDGE Diego-IV 12.9 optimization 0.0 9/19/2018 GRIDLY_6_SOLAR PGAE Humboldt 0.3 optimization 0.0 9/19/2018 HUMBPP_1_UNITS3_1	9/18/2018	HYTTHM_2_UNITS	CWRP	System	45.0		0.0
SCE	0/19/2019	KEDKHO 7 LINIT 1	DC/E	Erocno	70.0		0.0
9/18/2018 MNDALY_6_MCGRTH SCE Creek-Ventura 0.1 optimization optimization 0.0 optimization 9/18/2018 TRNQLT_2_SOLAR PGAE Fresno 14.6 optimization optimization 0.0 market optimization 0.0 market optimization 0.0 market optimization 0.0 market optimization 0.0 optimization <t< td=""><td>9/10/2010</td><td> KERKHZ_I_UNII I</td><td>PGAE</td><td></td><td>70.0</td><td>Оршпігацоп</td><td>0.0</td></t<>	9/10/2010	KERKHZ_I_UNII I	PGAE		70.0	Оршпігацоп	0.0
9/18/2018 MNDALY_6_MCGRTH SCE Ventura 0.1 optimization market optimization 0.0 9/18/2018 TRNQLT_2_SOLAR PGAE Fresno 14.6 optimization optimization 0.0 9/18/2018 WALCRK_2_CTG1 SCE LA Basin 0.4 optimization optimization 0.0 9/18/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization optimization 0.0 9/19/2018 ANAHM_2_CANYN4 ANHM LA Basin 14.9 optimization optimization 0.0 9/19/2018 ANZA_6_SOLAR1 SDGE SDGE market optimization 0.0 9/19/2018 ARLVAL_5_SOLAR SDGE Diego-IV 12.9 optimization 0.0 9/19/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization 0.0 9/19/2018 HUMBPP_1_UNITS_1 PGAE Humboldt 0.3 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization 0.0						market	
9/18/2018 TRNQLT 2_SOLAR PGAE Fresno 14.6 optimization 0.0 market optimization 0.0 market optimization 0.0 market optimization 0.0 optimization	9/18/2018	MNDALY 6 MCGRTH	SCE		0.1		0.0
9/18/2018 WALCRK_2_CTG1 SCE LA Basin 0.4 optimization 0.0 9/18/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization 0.0 9/19/2018 ANAHM_2_CANYN4 ANHM LA Basin 14.9 optimization 0.0 9/19/2018 ANZA_6_SOLAR1 SDGE 8.2 optimization 0.0 9/19/2018 ARLVAL_5_SOLAR SDGE Market 0.0 9/19/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 12.9 optimization 0.0 9/19/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization 0.0 9/19/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.0 9/19/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 0.1 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 PARDLY_2_SOLAR PGAE System							
9/18/2018 WALCRK_2_CTG1 SCE LA Basin 0.4 optimization 0.0 9/18/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization 0.0 9/19/2018 ANAHM_2_CANYN4 ANHM LA Basin 14.9 optimization 0.0 9/19/2018 ANZA_6_SOLAR1 SDGE 8.2 optimization 0.0 9/19/2018 ARLVAL_5_SOLAR SDGE Import 17.7 optimization 0.0 9/19/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 12.9 optimization 0.0 9/19/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization 0.0 9/19/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.0 9/19/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE System 1.5 optimization 0.0 9/19/2018	9/18/2018	TRNQLT_2_SOLAR	PGAE	Fresno	14.6	optimization	0.0
9/18/2018 WALCRK_2_CTG2 SCE							
9/18/2018 WALCRK_2_CTG2 SCE LA Basin 0.9 optimization 0.0 9/19/2018 ANAHM_2_CANYN4 ANHM LA Basin 14.9 optimization 0.0 9/19/2018 ANZA_6_SOLAR1 SDGE 8.2 optimization 0.0 9/19/2018 ARLVAL_5_SOLAR SDGE Import 17.7 optimization 0.0 9/19/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 12.9 optimization 0.0 9/19/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization 0.0 9/19/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.0 9/19/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 SANLOB_1_LNDFIL PGAE	9/18/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4		0.0
9/19/2018 ANAHM_2_CANYN4	0/40/0040	WALORK O OTOO	005		0.0		0.0
9/19/2018 ANAHM_2_CANYN4 ANHM LA Basin 14.9 optimization 0.0 9/19/2018 ANZA_6_SOLAR1 SDGE 8.2 optimization 0.0 9/19/2018 ARLVAL_5_SOLAR SDGE Import 17.7 optimization optimization 0.0 9/19/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 12.9 optimization optimization 0.0 9/19/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization optimization 0.0 9/19/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization optimization 0.0 9/19/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0	9/18/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9		0.0
9/19/2018 ANZA_6_SOLAR1 SDGE R.2 optimization 0.0	0/10/2019			I A Basin	140		0.0
9/19/2018 ANZA_6_SOLAR1 SDGE 8.2 optimization market 0.0 9/19/2018 ARLVAL_5_SOLAR SDGE Import 17.7 optimization 0.0 9/19/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 12.9 optimization 0.0 9/19/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization 0.0 9/19/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.0 9/19/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0 9/20/2018 ANZA_6_SOLAR1 SDGE </td <td>9/19/2016</td> <td>ANATIW_2_CANTIN4</td> <td>AINITIVI</td> <td>LA Dasiii</td> <td>14.9</td> <td></td> <td>0.0</td>	9/19/2016	ANATIW_2_CANTIN4	AINITIVI	LA Dasiii	14.9		0.0
9/19/2018 ARLVAL_5_SOLAR SDGE Import 17.7 optimization 0.0	9/19/2018	ANZA 6 SOLAR1	SDGE		8.2		0.0
9/19/2018 ARLVAL_5_SOLAR SDGE Import 17.7 optimization 0.0 9/19/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 12.9 optimization 0.0 9/19/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization 0.0 9/19/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.0 9/19/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0 9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 optimization 0.0 market optimization 0.0	0,10,2010	74427 (_0_0027 4447	0202	CAISO	0.2		0.0
9/19/2018 CNTNLA_2_SOLAR2 SDGE Diego-IV 12.9 optimization 0.0 9/19/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization 0.0 9/19/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.0 9/19/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0 9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 optimization 0.0	9/19/2018	ARLVAL_5_SOLAR	SDGE		17.7		0.0
9/19/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 market optimization on optimization optimization on optimization optimiz				San		market	
9/19/2018 GRIDLY_6_SOLAR PGAE Sierra 0.1 optimization market optimization 0.0 9/19/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization optimization 0.0 9/19/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0 9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 optimization 0.0	9/19/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	12.9		0.0
9/19/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization optimization 0.0 9/19/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization optimization 0.0 9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization optimization 0.0 9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 optimization optimization 0.0							
9/19/2018 HUMBPP_1_UNITS3_1 PGAE Humboldt 0.3 optimization 0.0 9/19/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0 9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 optimization 0.0	9/19/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1		0.0
9/19/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0 9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 optimization 0.0 market optimization 0.0 market optimization 0.0	0/40/2049	LILIMPDD 4 LINITS2 4	DC A E	Llumbaldt	0.2		0.0
9/19/2018 HUMBPP_6_UNITS_3 PGAE Humboldt 6.8 optimization 0.0 9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0 9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 optimization 0.0 market optimization 0.0 market optimization 0.0	9/19/2018	HUMBPP_I_UNIT53_I	PGAE	Humbolat	0.3	_	0.0
9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization	9/19/2018	HIIMRPP 6 LINITS 3	PGAE	Humboldt	6.8		0.0
9/19/2018 NAVYII_2_UNITS SCE System 11.7 optimization 0.0 9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0 9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 optimization 0.0 market nmarket 0.0 market 0.0 0.0	3/13/2010		TOAL		0.0	•	0.0
9/19/2018 PEABDY_2_LNDFL1 PGAE System 0.4 optimization 0.0 optimizat	9/19/2018	NAVYII 2 UNITS	SCE		11.7		0.0
9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization optimizatio							
9/19/2018 SANLOB_1_LNDFIL PGAE System 1.5 optimization 0.0 9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0 9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 optimization 0.0 market nmarket nmarket 0.0 nmarket 0.0	9/19/2018	PEABDY_2_LNDFL1	PGAE	System	0.4	optimization	0.0
9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 market optimization on market 9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 optimization optimization on market							
9/19/2018 TRNQLT_2_SOLAR PGAE Fresno 19.0 optimization 0.0 9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 optimization 0.0 market market market	9/19/2018	SANLOB_1_LNDFIL	PGAE	System	1.5		0.0
9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 market optimization 0.0 market	0/40/00:5	TONOLT & COLUE	50:-		40.0		
9/20/2018 ANZA_6_SOLAR1 SDGE 1.9 optimization 0.0 market	9/19/2018	TRNQLT_2_SOLAR	PGAE	Fresno	19.0		0.0
market	0/20/2010	ANZA 6 SOLAB1	SDCE		1.0		0.0
	312012018	ANZA_U_SULAK I	SDGE		1.9		0.0
	9/20/2018	BNNIEN_7_ALTAPH	PGAE	Sierra	0.6	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource		Area	RA	reason	award
				MW		
			San		market	
9/20/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/00/0040	DEEDOD O LINUT 4	DOAF	0:	0.0	market	0.0
9/20/2018	DEERCR_6_UNIT 1	PGAE	Sierra	0.2	optimization	0.0
9/20/2018	GRIDLY 6 SOLAR	PGAE	Sierra	0.1	market optimization	0.0
3/20/2010	GRIDET_0_SOLAR	TOAL	Olerra	0.1	market	0.0
9/20/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
9/20/2018	OXMTN_6_LNDFIL	PGAE	Bay Area	10.6	optimization	0.0
					market	
9/20/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
9/21/2018	ANIALIM 2 CANIVNI2	ANILINA	I A Booin	2.7	market	0.0
9/21/2016	ANAHM_2_CANYN2	ANHM	LA Basin	3.7	optimization market	0.0
9/21/2018	ANAHM_2_CANYN4	ANHM	LA Basin	21.3	optimization	0.0
0/21/2010	7 (O () () () () () () ()	7 (1 11 11 11 11	E/ (Baoiii	21.0	market	0.0
9/21/2018	ANZA_6_SOLAR1	SDGE		2.1	optimization	0.0
			San		market	
9/21/2018	BREGGO_6_SOLAR	SDGE	Diego-IV	12.2	optimization	0.0
			San		market	
9/21/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
9/21/2018	CDIDLY 6 SOLAD	PGAE	Sierra	0.1	market	0.0
9/21/2016	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization market	0.0
9/21/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.0
3/21/2010		1 0/12	ridinociae	0.0	market	0.0
9/21/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
			San		market	
9/21/2018	MRGT_6_MEF2	SDGE	Diego-IV	3.9	optimization	0.0
0/04/0040	DIODIO O OTO:	0005	San		market	
9/21/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	2.6	optimization	0.0
9/21/2018	PIOPIC 2 CTG2	SDGE	San Diego-IV	6.2	market optimization	0.0
9/21/2010	FIOFIC_2_C1G2	SDGL	San	0.2	market	0.0
9/21/2018	PIOPIC 2 CTG3	SDGE	Diego-IV	0.7	optimization	0.0
			- 9 -		market	
9/21/2018	SLYCRK_1_UNIT 1	PGAE	Sierra	2.3	optimization	0.0
					market	
9/22/2018	ANAHM_2_CANYN2	ANHM	LA Basin	3.7	optimization	0.0
0/00/0040	ANIALIM O CANIVALA	A N II I I M	I A Dasin	24.2	market	0.0
9/22/2018	ANAHM_2_CANYN4	ANHM	LA Basin	21.3	optimization market	0.0
9/22/2018	ANZA_6_SOLAR1	SDGE		1.6	optimization	0.0
3,22,2010	-, <u>-</u> 0_00_,	0000	San	1.0	market	0.0
9/22/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
					market	
9/22/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
0/00/00/		DC 1 =			market	
9/22/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.0
0/22/2019	MPGT 6 MMAREE	SDCE	San Diogo IV	45.0	market	0.0
9/22/2018	MRGT_6_MMAREF	SDGE	Diego-IV	45.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource		Area	RA	rcason	award
				MW		
					market	
9/22/2018	OLDRIV_6_LKVBM1	PGAE	Kern	0.1	optimization	0.0
0/00/0040	DALOMB O BLAVO OVA DE	0005	San	40.0	market	0.0
9/22/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV CAISO	12.0	optimization	0.0
9/22/2018	PNCHEG 2 PL1X4 4	PGAE	System	18.0	market optimization	0.0
9/22/2010	FNCHEG_Z_FETX4_4	FOAL	CAISO	10.0	market	0.0
9/22/2018	RTREE_2_WIND1	SCE	System	1.7	optimization	0.0
			_ ,		market	
9/22/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
					market	
9/22/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
0/00/0040	WALCOK O CTCO	005	LA Dania	0.7	market	0.0
9/22/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization market	0.0
9/22/2018	WALCRK 2 CTG4	SCE	LA Basin	0.5	optimization	0.0
9/22/2010	WALCKK_Z_CTG4	JOL	LA Dasiii	0.5	market	0.0
9/22/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
			3131131		market	
9/23/2018	ANZA_6_SOLAR1	SDGE		1.4	optimization	0.0
			San		market	
9/23/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
0/00/0040		DOAE	0:	0.4	market	0.0
9/23/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
9/23/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	market optimization	0.0
3/23/2010	11010101 1 _1_0101103_1	TOAL	Tidilibolat	0.5	market	0.0
9/23/2018	OLDRIV_6_LKVBM1	PGAE	Kern	0.2	optimization	0.0
			CAISO		market	
9/23/2018	PNCHEG_2_PL1X4_4	PGAE	System	19.5	optimization	0.0
			CAISO		market	
9/23/2018	PSWEET_1_STCRUZ	PGAE	System	1.0	optimization	0.0
0/00/0040	WALCOK 2 CTC2	COF	I A Danin	0.4	market	0.0
9/23/2018	WALCRK_2_CTG2	SCE	LA Basin	0.4	optimization market	0.0
9/23/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
3/20/2010	100/01_0_0111/11	1 O/LL	Cicira	20.0	market	0.0
9/24/2018	ANAHM_2_CANYN4	ANHM	LA Basin	21.3	optimization	0.0
					market	
9/24/2018	ANZA_6_SOLAR1	SDGE		1.2	optimization	0.0
			San		market	
9/24/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
9/24/2018	CBIDLY 6 SOLAB	PGAE	Sierra	0.1	market	0.0
9/24/2010	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization market	0.0
9/24/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.0
3,2 ,,2010		. 0,	. Idilibolat	0.0	market	0.0
9/24/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	optimization	0.0
					market	
9/24/2018	OLDRIV_6_LKVBM1	PGAE	Kern	0.1	optimization	0.0
0/04/55:	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				market	
9/24/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	resource	ODO	Area	RA	rcason	award
				MW		
0/07/00/0		0000			market	
9/25/2018	ANZA_6_SOLAR1	SDGE	0	1.0	optimization	0.0
9/25/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
9/23/2010	CNTNLA_2_SOLANZ	SDGL	Diego-iv	3.0	market	0.0
9/25/2018	DONNLS_7_UNIT	NCPA	Stockton	72.0	optimization	0.0
	<u> </u>				market	
9/25/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
- / / /					market	
9/25/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.0
9/25/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	4.5	market optimization	0.0
9/23/2016	HUMBER_6_UNITS_3	PGAE	Humboldt	4.5	market	0.0
9/25/2018	MALIN 5 GCPDDYN	PGAE		63.0	optimization	0.0
					market	
9/25/2018	NOVATO_6_LNDFL	PGAE	NCNB	0.5	optimization	0.0
					market	
9/25/2018	OLDRIV_6_LKVBM1	PGAE	Kern	0.1	optimization	0.0
0/05/0040	DNOUES & DLAVA A	DOAE	CAISO	40.0	market	0.0
9/25/2018	PNCHEG_2_PL1X4_4	PGAE	System	18.0	optimization market	0.0
9/25/2018	WHEATL 6 LNDFIL	PGAE	Sierra	1.5	optimization	0.0
3/23/2010	WITEATE_O_ENDITE	TOAL	Olema	1.5	market	0.0
9/26/2018	ANAHM_2_CANYN2	ANHM	LA Basin	3.7	optimization	0.0
					market	
9/26/2018	ANAHM_2_CANYN4	ANHM	LA Basin	21.3	optimization	0.0
0/00/0040	41174 0 001 454	0005		4.0	market	0.0
9/26/2018	ANZA_6_SOLAR1	SDGE	San	4.3	optimization market	0.0
9/26/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
3/20/2010	01111L/ (_2_00L/ 11/2	ODOL	Diego IV	0.0	market	0.0
9/26/2018	GARNET_2_HYDRO	SCE	LA Basin	0.6	optimization	0.0
					market	
9/26/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
0/00/0040	LUINARRA A LINUTOS A	5045		0.0	market	0.0
9/26/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.0
9/26/2018	MRGT 6 MMAREF	SDGE	San Diego-IV	45.0	market optimization	0.0
3/20/2010	WING I _G_WIND TIVE!	ODOL	Diego IV	40.0	market	0.0
9/26/2018	OLDRIV_6_LKVBM1	PGAE	Kern	0.1	optimization	0.0
			San		market	
9/26/2018	PIOPIC_2_CTG2	SDGE	Diego-IV	3.8	optimization	0.0
0/00/0040	DIMAGED & LUCIED	NODA		0.0	market	0.0
9/26/2018	PLMSSR_6_HISIER	NCPA		3.0	optimization	0.0
9/26/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
5,20,2010	<u>L</u> 0101	302	Li C Daoiii	0.7	market	0.0
9/26/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
					market	
9/26/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	optimization	0.0
0/00/0040	WALCOK O OTO 4	005	A D'-	2.5	market	0.0
9/26/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	optimization	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
Date	Resource	ODC	Area	RA	Reason	award
			7 0	MW		anara
					market	
9/27/2018	ANAHM_2_CANYN2	ANHM	LA Basin	3.7	optimization	0.0
0/07/0040	ANIZA 0 001 AB4	0005			market	0.0
9/27/2018	ANZA_6_SOLAR1	SDGE	0.4100	4.4	optimization	0.0
9/27/2018	BUCKBL_2_PL1X3_C6	SCE	CAISO	3.6	market optimization	0.0
9/21/2010	BOCKBL_Z_FL1X3_C0	SCE	System San	3.0	market	0.0
9/27/2018	CNTNLA 2 SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
			CAISO		market	
9/27/2018	CORRAL_6_SJOAQN	PGAE	System	4.3	optimization	0.0
					market	
9/27/2018	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	optimization	0.0
0/07/0040	FLOAIN C UNITAA CTO	0005	San	45.4	market	0.0
9/27/2018	ELCAJN_6_UNITA1_CT2	SDGE	Diego-IV	45.4	optimization market	0.0
9/27/2018	GRIDLY 6 SOLAR	PGAE	Sierra	0.1	optimization	0.0
3/21/2010	GRIBET_0_GGEAR	TOAL	Olema	0.1	market	0.0
9/27/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.0
					market	
9/27/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.3
					market	
9/27/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	5.5	optimization	0.0
9/27/2018	LILIMPDD & LINITS 2	PGAE	Llumbaldt	6.0	market	0.0
9/21/2016	HUMBPP_6_UNITS_3	PGAE	Humboldt San	6.8	optimization market	0.0
9/27/2018	MRGT 6 MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
3,21,2010		0000	CAISO	10.0	market	0.0
9/27/2018	NHOGAN_6_UNITS	PGAE	System	1.0	optimization	0.0
			San		market	
9/27/2018	PIOPIC_2_CTG1	SDGE	Diego-IV	0.4	optimization	0.0
0/07/0040	DIODIO O OTOO	0005	San		market	0.0
9/27/2018	PIOPIC_2_CTG2	SDGE	Diego-IV San	4.1	optimization	0.0
9/27/2018	PIOPIC 2 CTG3	SDGE	Diego-IV	1.9	market optimization	0.0
9/21/2010	FIOFIC_2_C165	SDGL	CAISO	1.3	market	0.0
9/27/2018	RTREE 2 WIND1	SCE	System	0.4	optimization	0.0
					market	
9/28/2018	ANAHM_2_CANYN4	ANHM	LA Basin	21.3	optimization	0.0
					market	
9/28/2018	ANZA_6_SOLAR1	SDGE		4.4	optimization	0.0
9/28/2018	CNITNII A 2 SOLAB2	SDGE	San Diego-IV	5.0	market optimization	0.0
9/20/2010	CNTNLA_2_SOLAR2	SDGE	Diego-iv	5.0	market	0.0
9/28/2018	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	optimization	0.0
5. = 5. = 5 . 6		<u> </u>		0.0	market	
9/28/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
					market	
9/28/2018	HUMBPP_1_UNITS3_1	PGAE	Humboldt	0.3	optimization	0.0
0/00/0046	LILIMBDD O LINUTO O	DO 4 F	Library L. J. P.	4.0	market	
9/28/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	4.9	optimization	0.0
9/28/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	45.0	market optimization	0.0
312012010	IVIING I_U_IVIIVIANEF	SDGE	Diedo-LA	45.0	opumzauon	0.0

Date	Resource	UDC	Local	Non	Reason	RUC
			Area	RA		award
				MW		
					market	
9/28/2018	OLDRIV_6_LKVBM1	PGAE	Kern	0.1	optimization	0.0
9/28/2018	DIDEE 2 WIND1	SCE	CAISO	2.0	market optimization	0.0
9/20/2010	RTREE_2_WIND1	SCE	System	2.0	market	0.0
9/28/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	optimization	0.0
0,20,2010	W 120111 (0 1 0 0	002	27 (20011	0.2	market	0.0
9/29/2018	ANAHM_7_CT	ANHM	LA Basin	18.3	optimization	0.0
					market	
9/29/2018	ANZA_6_SOLAR1	SDGE		3.0	optimization	0.0
			San		market	
9/29/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization	0.0
9/29/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
9/29/2016	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market	0.0
9/29/2018	OLDRIV 6 LKVBM1	PGAE	Kern	0.2	optimization	0.0
0/20/2010	OLDINIV_O_LINVBINI	1 O/LL	ROIII	0.2	market	0.0
9/29/2018	PHOENX_1_UNIT	PGAE	Stockton	0.8	optimization	0.0
					market	
9/30/2018	ANAHM_2_CANYN2	ANHM	LA Basin	3.7	optimization	0.0
					market	
9/30/2018	ANZA_6_SOLAR1	SDGE		1.8	optimization	0.0
0/20/2040	CNITNII A O COLADO	SDGE	San		market	0.0
9/30/2018	CNTNLA_2_SOLAR2	SDGE	Diego-IV	5.0	optimization market	0.0
9/30/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	optimization	0.0
3/30/2010	CRIBET_O_GGE/AR	1 O/LL	Big	0.1	optimization	0.0
			Creek-		market	
9/30/2018	MNDALY_6_MCGRTH	SCE	Ventura	0.1	optimization	0.0
			San		market	
9/30/2018	MRGT_6_MMAREF	SDGE	Diego-IV	40.0	optimization	0.0
0/00/00/0		0000	San	400	market	
9/30/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	Diego-IV	12.0	optimization	0.0
9/30/2018	PEABDY 2 LNDFL1	PGAE	CAISO System	0.4	market optimization	0.0
9/30/2018	FEADD1_Z_LINDFL1	FUAL	CAISO	0.4	market	0.0
9/30/2018	PNCHEG_2_PL1X4_4	PGAE	System	20.0	optimization	0.0
0,00,20.0					market	0.0
9/30/2018	SRINTL_6_UNIT	PGAE	Bay Area	0.9	optimization	0.0
					market	
9/30/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	optimization	0.0
0/00/00/15	WALORK S. STOS	005		2.2	market	
9/30/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	optimization	0.0
9/30/2018	WALCRK 2 CTG4	SCE	LA Basin	0.5	market optimization	0.0
3/30/2010	WALONN_Z_CTG4	SUE	LA Dasiii	0.5	market	0.0
9/30/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	optimization	0.0
5,55,2010		. 5, 1	_ 	_0.0		0.0