



Non Resource Adequacy Capacity Report

May 2018

TABLE OF CONTENTS

Introduction	3
The Content of the Non RA Capacity Report	3

LIST OF TABLES AND FIGURES

Table 1: Non RA Capacity in May 2018	5
--	---

Introduction

This report is produced pursuant to CAISO Tariff Section 43A.6.3, which requires the ISO to publish a monthly report non-resource adequacy (RA) capacity in the ISO markets through market and non-market transactions. Section 43A.6.3 also requires the ISO to publish the report on the 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 May 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 May 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. There was one Exceptional Dispatch CPM for local area transmission reliability for ENCINA_7_EA3 on May 9. The CPM MW amount is not included in Non RA MW in the Non RA Capacity table.

Non-RA capacity can be committed by the market, RUC or exceptional dispatch.

- 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 May 2018

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/1/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/1/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/1/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/1/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.8	market optimization	0.0
5/1/2018	GANSO_1_WSTBM1	PGAE		0.9	market optimization	0.0
5/1/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.5	market optimization	0.0
5/1/2018	OLDRIV_6_CESDBM	PGAE		0.9	market optimization	0.0
5/1/2018	OLDRIV_6_LKVB1	PGAE		1.0	market optimization	0.0
5/1/2018	STANIS_7_UNIT 1	PGAE	Stockton	30.0	market optimization	0.0
5/1/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
5/2/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/2/2018	BEARDS_7_UNIT 1	NCPA	Stockton	11.0	market optimization	0.0
5/2/2018	CALPSS_6_SOLAR1	SDGE		18.6	market optimization	0.0
5/2/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/2/2018	CUYAMS_6_CUYSR1	PGAE	CAISO System	18.6	market optimization	0.0
5/2/2018	DONNLS_7_UNIT	NCPA	Stockton	18.0	market optimization	0.0
5/2/2018	ENCINA_7_GT1	SDGE	San Diego-IV	14.5	market optimization	0.0
5/2/2018	ESQUON_6_LNDFIL	PGAE	CAISO System	2.1	market optimization	0.0
5/2/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
5/2/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	481.6	market optimization	0.0
5/2/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	545.0	market optimization	0.0
5/2/2018	PALOMR_2_PL1X3_1X1	SDGE	San Diego-IV	0.1	market optimization	0.0
5/2/2018	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
5/2/2018	SNDBAR_7_UNIT 1	PGAE	Stockton	16.0	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/2/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
5/2/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
5/3/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/3/2018	CALPSS_6_SOLAR1	SDGE		13.5	market optimization	0.0
5/3/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/3/2018	GONZLS_6_UNIT	PGAE	CAISO System	0.3	market optimization	0.0
5/3/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	market optimization	4.5
5/3/2018	ONLLPP_6_UNITS	PGAE	Fresno	1.0	market optimization	0.0
5/3/2018	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
5/3/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
5/4/2018	ANAHM_2_CANYN2	ANHM	LA Basin	6.3	market optimization	0.0
5/4/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/4/2018	BNNIEN_7_ALTAPH	PGAE	Sierra	0.5	market optimization	0.0
5/4/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
5/4/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/4/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/4/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.0	market optimization	0.0
5/4/2018	HUMBPP_6_UNITS_5	PGAE	Humboldt	11.4	market optimization	0.0
5/4/2018	INLDEM_5_UNIT 1	SCE	LA Basin	9.0	market optimization	0.0
5/4/2018	MIRLOM_6_PEAKER	SCE	LA Basin	1.1	market optimization	0.0
5/4/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	7.5	market optimization	0.0
5/4/2018	STANIS_7_UNIT 1	PGAE	Stockton	37.0	market optimization	0.0
5/4/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
5/4/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
5/4/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
5/4/2018	WALNUT_7_WCOVST	SCE	LA Basin	0.1	market optimization	0.0

CAISO\ Market Quality and Renewable Integration

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/4/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
5/5/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/5/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
5/5/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/5/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/5/2018	GLNARM_7_UNIT 3	PASA	LA Basin	30.0	market optimization	0.0
5/5/2018	GLNARM_7_UNIT 4	PASA	LA Basin	21.0	market optimization	0.0
5/5/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
5/5/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.8	market optimization	0.0
5/5/2018	MONTPH_7_UNITS	PGAE	NCNB	0.8	market optimization	0.0
5/5/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	15.0	market optimization	0.0
5/5/2018	PLMSSR_6_HISIER	NCPA		3.0	market optimization	0.0
5/5/2018	STANIS_7_UNIT 1	PGAE	Stockton	8.9	market optimization	0.0
5/5/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
5/5/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
5/5/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
5/5/2018	WEBER_6_FORWRD	PGAE	Stockton	4.0	market optimization	0.0
5/5/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
5/6/2018	ANAHM_2_CANYN4	ANHM	LA Basin	6.3	market optimization	0.0
5/6/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/6/2018	BIGCRK_2_EXESWD	SCE	Big Creek-Ventura	499.0	market optimization	0.0
5/6/2018	BOGUE_1_UNITA1	PGAE	Sierra	37.5	market optimization	0.0
5/6/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/6/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/6/2018	GLNARM_7_UNIT 3	PASA	LA Basin	16.0	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/6/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
5/6/2018	MAGUND_1_BKSSR2	PGAE	Kern	1.5	market optimization	0.0
5/6/2018	MIRLOM_6_PEAKER	SCE	LA Basin	0.1	market optimization	0.0
5/6/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	7.5	market optimization	0.0
5/6/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	market optimization	0.0
5/7/2018	ANAHM_2_CANYN4	ANHM	LA Basin	6.3	market optimization	0.0
5/7/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/7/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
5/7/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/7/2018	CHICPK_7_UNIT 1	PGAE	Sierra	7.0	market optimization	0.0
5/7/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/7/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
5/7/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
5/7/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	23.4	market optimization	0.0
5/7/2018	PNCHEG_2_PL1X4_2	PGAE	CAISO System	150.6	market optimization	0.0
5/7/2018	PNCHEG_2_PL1X4_3	PGAE	CAISO System	305.6	market optimization	0.0
5/7/2018	STANIS_7_UNIT 1	PGAE	Stockton	48.0	market optimization	0.0
5/7/2018	UKIAH_7_LAKEMN	NCPA	NCNB	0.9	market optimization	0.0
5/7/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
5/7/2018	WEBER_6_FORWRD	PGAE	Stockton	4.0	market optimization	0.0
5/8/2018	ALMEGT_1_UNIT 1	NCPA	Bay Area	0.4	market optimization	0.0
5/8/2018	ALMEGT_1_UNIT 2	NCPA	Bay Area	0.5	market optimization	0.0
5/8/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/8/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
5/8/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/8/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0

CAISO\ Market Quality and Renewable Integration

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/8/2018	COGNAT_1_UNIT	PGAE	Stockton	35.5	market optimization	0.0
5/8/2018	OLDRIV_6_LKVBM1	PGAE		1.0	market optimization	0.0
5/8/2018	PIOPIC_2_CTG1	SDGE	San Diego-IV	5.3	market optimization	0.0
5/8/2018	PNCHEG_2_PL1X4_3	PGAE	CAISO System	226.0	market optimization	0.0
5/8/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.1	market optimization	0.0
5/8/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	20.0	market optimization	0.0
5/8/2018	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
5/8/2018	STANIS_7_UNIT 1	PGAE	Stockton	27.0	market optimization	0.0
5/9/2018	ANZA_6_SOLAR1	SDGE		1.5	market optimization	0.0
5/9/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
5/9/2018	BRDSLD_2_HIWIND	PGAE	Bay Area	87.3	market optimization	0.0
5/9/2018	BRDSLD_2_SHILO1	PGAE	Bay Area	87.9	market optimization	0.0
5/9/2018	BRDSLD_2_SHILO2	PGAE	Bay Area	66.6	market optimization	0.0
5/9/2018	BRDSLD_2_SHLO3B	PGAE	Bay Area	56.4	market optimization	0.0
5/9/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/9/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/9/2018	COGNAT_1_UNIT	PGAE	Stockton	1.8	market optimization	0.0
5/9/2018	ENCINA_7_EA3	SDGE	San Diego-IV	43.4	market optimization	0.0
5/9/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
5/9/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
5/9/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
5/9/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
5/9/2018	MIRLOM_6_PEAKER	SCE	LA Basin	1.1	market optimization	0.0
5/9/2018	PEABDY_2_LNDFL1	PGAE	CAISO System	1.0	market optimization	0.0
5/9/2018	PIOPIC_2_CTG1	SDGE	San Diego-IV	1.9	market optimization	0.0
5/9/2018	PIOPIC_2_CTG2	SDGE	San Diego-IV	7.7	market optimization	0.0

CAISO\ Market Quality and Renewable Integration

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/9/2018	PIT6_7_UNIT 1	PGAE	CAISO System	33.9	market optimization	0.0
5/9/2018	PIT6_7_UNIT 2	PGAE	CAISO System	10.0	market optimization	0.0
5/9/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	102.0	market optimization	0.0
5/9/2018	PNCHEG_2_PL1X4_4	PGAE	CAISO System	354.8	market optimization	0.0
5/9/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	market optimization	0.0
5/9/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	49.0	market optimization	0.0
5/10/2018	ANZA_6_SOLAR1	SDGE		1.5	market optimization	0.0
5/10/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/10/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/10/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
5/10/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
5/10/2018	MAGUND_1_BKSSR2	PGAE	Kern	3.2	market optimization	0.0
5/10/2018	PEABDY_2_LNDFL1	PGAE	CAISO System	0.5	market optimization	0.0
5/10/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	46.8	market optimization	0.0
5/10/2018	PNCHEG_2_PL1X4_4	PGAE	CAISO System	301.3	market optimization	0.0
5/10/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	20.0	market optimization	0.0
5/10/2018	SUNSHN_2_LNDFL	PGAE	Big Creek-Ventura	0.8	market optimization	0.0
5/11/2018	ANZA_6_SOLAR1	SDGE		1.6	market optimization	0.0
5/11/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/11/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/11/2018	COPMT4_2_SOLAR4	SCE	CAISO System	43.5	market optimization	0.0
5/11/2018	EASTWD_7_UNIT	SCE	Big Creek-Ventura	185.0	market optimization	0.0
5/11/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
5/11/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
5/11/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0

CAISO\ Market Quality and Renewable Integration

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/11/2018	PNCHEG_2_PL1X4_3	PGAE	CAISO System	156.0	market optimization	0.0
5/11/2018	PNCHEG_2_PL1X4_4	PGAE	CAISO System	181.7	market optimization	0.0
5/11/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	market optimization	0.0
5/11/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	20.0	market optimization	0.0
5/11/2018	VOLTA_6_DIGHYD	PGAE	CAISO System	0.2	market optimization	0.0
5/11/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
5/11/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
5/11/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
5/12/2018	ANZA_6_SOLAR1	SDGE		1.7	market optimization	0.0
5/12/2018	AVENAL_6_AVSLR1	PGAE	Fresno	6.4	market optimization	0.0
5/12/2018	AVENAL_6_AVSLR2	PGAE	Fresno	4.2	market optimization	0.0
5/12/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/12/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/12/2018	COPMT4_2_SOLAR4	SCE	CAISO System	57.2	market optimization	0.0
5/12/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.2	market optimization	0.0
5/12/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	3.0	market optimization	0.0
5/12/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
5/12/2018	MAGUND_1_BKSSR2	PGAE	Kern	2.1	market optimization	0.0
5/12/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	market optimization	0.0
5/12/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	20.0	market optimization	0.0
5/12/2018	TRNQLT_2_SOLAR	PGAE	Fresno	37.2	market optimization	0.0
5/13/2018	ANZA_6_SOLAR1	SDGE		2.0	market optimization	0.0
5/13/2018	AVENAL_6_AVSLR1	PGAE	Fresno	4.9	market optimization	0.0
5/13/2018	AVENAL_6_AVSLR2	PGAE	Fresno	4.1	market optimization	0.0
5/13/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/13/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0

CAISO\ Market Quality and Renewable Integration

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/13/2018	COPMT4_2_SOLAR4	SCE	CAISO System	55.7	market optimization	0.0
5/13/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
5/13/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.4	market optimization	0.0
5/13/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.1	market optimization	0.0
5/13/2018	MAGUND_1_BKSSR2	PGAE	Kern	2.1	market optimization	0.0
5/14/2018	ANZA_6_SOLAR1	SDGE		2.1	market optimization	0.0
5/14/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/14/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/14/2018	EASTWD_7_UNIT	SCE	Big Creek-Ventura	200.0	market optimization	0.0
5/14/2018	GARNET_2_HYDRO	SCE	LA Basin	0.7	market optimization	0.0
5/14/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	market optimization	0.0
5/14/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
5/14/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	2.5	market optimization	0.0
5/14/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
5/14/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	46.8	market optimization	0.0
5/14/2018	PNCHEG_2_PL1X4_4	PGAE	CAISO System	351.0	market optimization	0.0
5/14/2018	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
5/14/2018	SUNSHN_2_LNDFL	PGAE	Big Creek-Ventura	4.1	market optimization	0.0
5/15/2018	ANZA_6_SOLAR1	SDGE		2.2	market optimization	0.0
5/15/2018	BARRE_6_PEAKEK	SCE	LA Basin	47.0	market optimization	0.0
5/15/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
5/15/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/15/2018	CEDRCK_6_UNIT	PGAE	CAISO System	0.6	market optimization	0.0
5/15/2018	CLOVER_2_UNIT	PGAE	CAISO System	0.7	market optimization	0.0
5/15/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0

CAISO\ Market Quality and Renewable Integration

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/15/2018	GARNET_2_HYDRO	SCE	LA Basin	0.7	market optimization	0.0
5/15/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
5/15/2018	GRNLF2_1_UNIT	PGAE	Sierra	10.9	market optimization	0.0
5/15/2018	HATCR2_7_UNIT	PGAE	CAISO System	1.1	market optimization	0.0
5/15/2018	HATLOS_6_BWDHY1	PGAE	CAISO System	0.8	market optimization	0.0
5/15/2018	HATLOS_6_LSCRK	PGAE	CAISO System	0.2	market optimization	0.0
5/15/2018	HAYPRS_6_QFUNTS	PGAE	Sierra	10.3	market optimization	0.0
5/15/2018	KILARC_2_UNIT 1	PGAE	CAISO System	1.5	market optimization	0.0
5/15/2018	MAGUND_1_BKSSR2	PGAE	Kern	1.4	market optimization	0.0
5/15/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	507.5	market optimization	0.0
5/15/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	568.0	market optimization	0.0
5/15/2018	OLSEN_2_UNIT	PGAE	CAISO System	2.0	market optimization	0.0
5/15/2018	PNCHEG_2_PL1X4_2	PGAE	CAISO System	90.9	market optimization	0.0
5/15/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	market optimization	0.0
5/15/2018	TOADTW_6_UNIT	PGAE	CAISO System	0.8	market optimization	0.0
5/15/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
5/15/2018	YUBACT_6_UNITA1	PGAE	Sierra	29.8	market optimization	0.0
5/16/2018	ANZA_6_SOLAR1	SDGE		2.2	market optimization	0.0
5/16/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/16/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/16/2018	GLNARM_7_UNIT 3	PASA	LA Basin	44.8	market optimization	0.0
5/16/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
5/16/2018	HATCR1_7_UNIT	PGAE	CAISO System	0.8	market optimization	0.0
5/16/2018	OLDRIV_6_LKVBM1	PGAE		0.9	market optimization	0.0
5/16/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	46.8	market optimization	0.0
5/16/2018	PNCHEG_2_PL1X4_4	PGAE	CAISO System	181.7	market optimization	0.0

CAISO\ Market Quality and Renewable Integration

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/16/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	market optimization	0.0
5/16/2018	SISQUC_1_SMARIA	PGAE	CAISO System	0.7	market optimization	0.0
5/16/2018	TOADTW_6_UNIT	PGAE	CAISO System	0.8	market optimization	0.0
5/16/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
5/17/2018	ANZA_6_SOLAR1	SDGE		2.2	market optimization	0.0
5/17/2018	BIOMAS_1_UNIT 1	PGAE	Sierra	3.0	market optimization	0.0
5/17/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/17/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/17/2018	CUYAMS_6_CUYSR1	PGAE	CAISO System	27.8	market optimization	0.0
5/17/2018	DRUM_7_PL1X2	PGAE	Sierra	10.0	market optimization	0.0
5/17/2018	DRUM_7_PL3X4	PGAE	Sierra	15.5	market optimization	0.0
5/17/2018	GLDTWN_6_COLUM3	SCE	CAISO System	4.4	market optimization	0.0
5/17/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	market optimization	0.0
5/17/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
5/17/2018	KILARC_2_UNIT 1	PGAE	CAISO System	1.5	market optimization	0.0
5/17/2018	MARCPW_6_SOLAR1	PGAE	CAISO System	13.7	market optimization	0.0
5/17/2018	MTNPOS_1_UNIT	PGAE	Kern	15.8	market optimization	0.0
5/17/2018	OLDRIV_6_LKVBM1	PGAE		0.9	market optimization	0.0
5/17/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	49.0	market optimization	0.0
5/17/2018	SKERN_6_SOLAR1	PGAE	Kern	13.2	market optimization	0.0
5/17/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
5/17/2018	WALNUT_7_WCOVST	SCE	LA Basin	0.1	market optimization	0.0
5/18/2018	ANZA_6_SOLAR1	SDGE		2.5	market optimization	0.0
5/18/2018	BARRE_6_PEAKEK	SCE	LA Basin	47.0	market optimization	0.0
5/18/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/18/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0

CAISO\ Market Quality and Renewable Integration

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/18/2018	EASTWD_7_UNIT	SCE	Big Creek-Ventura	200.0	market optimization	0.0
5/18/2018	GEYS11_7_UNIT11	PGAE	NCNB	6.0	market optimization	0.0
5/18/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	market optimization	0.0
5/18/2018	GONZLS_6_UNIT	PGAE	CAISO System	0.3	market optimization	0.0
5/18/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
5/18/2018	GYS7X8_7_UNITS	PGAE	NCNB	2.0	market optimization	0.0
5/18/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	35.0	market optimization	0.0
5/18/2018	SUNSHN_2_LNDFL	PGAE	Big Creek-Ventura	1.5	market optimization	0.0
5/18/2018	UNOCAL_1_UNITS	PGAE	Bay Area	3.4	market optimization	0.0
5/18/2018	WOODWR_1_HYDRO	PGAE	Fresno	6.6	market optimization	0.0
5/19/2018	ANZA_6_SOLAR1	SDGE		2.5	market optimization	0.0
5/19/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/19/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/19/2018	EASTWD_7_UNIT	SCE	Big Creek-Ventura	200.0	market optimization	0.0
5/19/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	market optimization	0.0
5/19/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
5/19/2018	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	134.5	market optimization	0.0
5/19/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	market optimization	0.0
5/19/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	30.0	market optimization	0.0
5/19/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
5/19/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
5/20/2018	ANZA_6_SOLAR1	SDGE		2.5	market optimization	0.0
5/20/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/20/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/20/2018	COPMT4_2_SOLAR4	SCE	CAISO System	62.1	market optimization	0.0
5/20/2018	EASTWD_7_UNIT	SCE	Big Creek-Ventura	200.0	market optimization	0.0
5/20/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.5	market optimization	0.0
5/20/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.6	market optimization	0.0
5/20/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	market optimization	0.0
5/20/2018	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	134.0	market optimization	0.0
5/20/2018	SKERN_6_SOLAR1	PGAE	Kern	12.9	market optimization	0.0
5/20/2018	SUNSHN_2_LNDFL	PGAE	Big Creek-Ventura	13.0	market optimization	0.0
5/20/2018	TRNQLT_2_SOLAR	PGAE	Fresno	131.0	market optimization	0.0
5/20/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
5/21/2018	ANAHM_2_CANYN4	ANHM	LA Basin	6.3	market optimization	0.0
5/21/2018	ANZA_6_SOLAR1	SDGE		2.5	market optimization	0.0
5/21/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/21/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/21/2018	FMEADO_6_HELLHL	PGAE	Sierra	0.4	market optimization	0.0
5/21/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	market optimization	0.0
5/21/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.0	market optimization	0.0
5/21/2018	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	134.3	market optimization	0.0
5/21/2018	NOVATO_6_LNDFL	PGAE	NCNB	0.9	market optimization	0.0
5/21/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	30.0	market optimization	0.0
5/21/2018	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
5/21/2018	SLUISP_2_UNITS	CWRP	CAISO System	40.0	market optimization	0.0
5/22/2018	ALAMO_6_UNIT	CWRS	Big Creek-Ventura	1.0	market optimization	0.0
5/22/2018	ANAHM_2_CANYN4	ANHM	LA Basin	6.3	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/22/2018	ANZA_6_SOLAR1	SDGE		2.5	market optimization	0.0
5/22/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/22/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/22/2018	DRUM_7_PL1X2	PGAE	Sierra	10.0	market optimization	0.0
5/22/2018	DRUM_7_PL3X4	PGAE	Sierra	15.5	market optimization	0.0
5/22/2018	FMEADO_6_HELLHL	PGAE	Sierra	0.4	market optimization	0.0
5/22/2018	GEYS11_7_UNIT11	PGAE	NCNB	6.0	market optimization	0.0
5/22/2018	GLNARM_7_UNIT 3	PASA	LA Basin	44.8	market optimization	0.0
5/22/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	market optimization	0.0
5/22/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	46.8	market optimization	0.0
5/22/2018	PNCHEG_2_PL1X4_4	PGAE	CAISO System	375.5	market optimization	0.0
5/22/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	market optimization	0.0
5/22/2018	SLUISP_2_UNITS	CWRP	CAISO System	123.0	market optimization	0.0
5/22/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
5/22/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
5/22/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
5/23/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/23/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/23/2018	CAMPFW_7_FARWST	PGAE	Sierra	4.1	market optimization	0.0
5/23/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/23/2018	EASTWD_7_UNIT	SCE	Big Creek-Ventura	200.0	market optimization	0.0
5/23/2018	FMEADO_6_HELLHL	PGAE	Sierra	0.4	market optimization	0.0
5/23/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	market optimization	0.0
5/23/2018	GONZLS_6_UNIT	PGAE	CAISO System	0.3	market optimization	0.0
5/23/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.0	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/23/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.0	market optimization	0.0
5/23/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	7.9	market optimization	0.0
5/23/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	49.8	market optimization	0.0
5/23/2018	PNCHEG_2_PL1X4_4	PGAE	CAISO System	301.3	market optimization	0.0
5/23/2018	RECTOR_2_KAWH 1	SCE	Big Creek-Ventura	1.4	market optimization	0.0
5/23/2018	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
5/24/2018	ANAHM_2_CANYN4	ANHM	LA Basin	6.3	market optimization	0.0
5/24/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/24/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/24/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/24/2018	EASTWD_7_UNIT	SCE	Big Creek-Ventura	200.0	market optimization	0.0
5/24/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
5/24/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
5/24/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
5/24/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
5/24/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	market optimization	0.0
5/24/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	market optimization	0.0
5/24/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	7.5	market optimization	0.0
5/24/2018	PEABDY_2_LNDFL1	PGAE	CAISO System	0.5	market optimization	0.0
5/24/2018	PIOPIC_2_CTG1	SDGE	San Diego-IV	6.5	market optimization	0.0
5/24/2018	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
5/24/2018	PLACVL_1_RCKCRE	PGAE	Sierra	1.2	market optimization	0.0
5/24/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	23.4	market optimization	0.0
5/24/2018	PNCHEG_2_PL1X4_4	PGAE	CAISO System	201.0	market optimization	0.0
5/24/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	35.0	market optimization	0.0

CAISO\ Market Quality and Renewable Integration

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/24/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
5/25/2018	ANAHM_7_CT	ANHM	LA Basin	42.8	market optimization	0.0
5/25/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/25/2018	BOWMN_6_HYDRO	PGAE	Sierra	3.6	market optimization	0.0
5/25/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/25/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/25/2018	EASTWD_7_UNIT	SCE	Big Creek-Ventura	200.0	market optimization	0.0
5/25/2018	FMEADO_6_HELLHL	PGAE	Sierra	0.4	market optimization	0.0
5/25/2018	HAYPRS_6_QFUNTS	PGAE	Sierra	7.5	market optimization	0.0
5/25/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
5/25/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
5/25/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.4	market optimization	0.0
5/25/2018	KERKH2_7_UNIT 1	PGAE	Fresno	125.0	market optimization	0.0
5/25/2018	OLDRIV_6_LKVB1	PGAE		0.9	market optimization	0.0
5/25/2018	PIT7_7_UNIT 1	PGAE	CAISO System	4.5	market optimization	0.0
5/25/2018	PNCHEG_2_PL1X4_4	PGAE	CAISO System	181.7	market optimization	0.0
5/25/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	20.0	market optimization	0.0
5/25/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
5/25/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
5/26/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/26/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	market optimization	0.0
5/26/2018	BIOMAS_1_UNIT 1	PGAE	Sierra	10.5	market optimization	0.0
5/26/2018	BLCKBT_2_STONEY	NCPA	CAISO System	1.3	market optimization	0.0
5/26/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/26/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/26/2018	COPMT4_2_SOLAR4	SCE	CAISO System	64.0	market optimization	0.0
5/26/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	market optimization	0.0
5/26/2018	MIRLOM_6_PEAKEK	SCE	LA Basin	46.0	market optimization	0.0
5/26/2018	OLDRIV_6_LKVBM1	PGAE		0.9	market optimization	0.0
5/26/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	46.8	market optimization	0.0
5/26/2018	TRNQLT_2_SOLAR	PGAE	Fresno	139.0	market optimization	0.0
5/26/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
5/26/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
5/27/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/27/2018	BARRE_6_PEAKEK	SCE	LA Basin	47.0	market optimization	0.0
5/27/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/27/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/27/2018	GLNARM_7_UNIT 3	PASA	LA Basin	15.4	market optimization	0.0
5/27/2018	MIRLOM_6_PEAKEK	SCE	LA Basin	46.0	market optimization	0.0
5/27/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	46.8	market optimization	0.0
5/27/2018	TRNQLT_2_SOLAR	PGAE	Fresno	139.0	market optimization	0.0
5/28/2018	ALMEGT_1_UNIT 1	NCPA	Bay Area	0.4	market optimization	0.0
5/28/2018	ANAHM_2_CANYN4	ANHM	LA Basin	6.3	market optimization	0.0
5/28/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/28/2018	BARRE_6_PEAKEK	SCE	LA Basin	46.9	market optimization	0.0
5/28/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	market optimization	0.0
5/28/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/28/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/28/2018	FMEADO_6_HELLHL	PGAE	Sierra	0.4	market optimization	0.0
5/28/2018	GLNARM_7_UNIT 3	PASA	LA Basin	30.0	market optimization	0.0
5/28/2018	GLNARM_7_UNIT 4	PASA	LA Basin	9.0	market optimization	0.0

CAISO\ Market Quality and Renewable Integration

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/28/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	market optimization	0.0
5/28/2018	ORMOND_7_UNIT 2_C1	SCE	Big Creek-Ventura	108.3	market optimization	0.0
5/28/2018	ORMOND_7_UNIT 2_C2	SCE	Big Creek-Ventura	400.0	market optimization	0.0
5/28/2018	ORMOND_7_UNIT 2_C3	SCE	Big Creek-Ventura	700.0	market optimization	0.0
5/28/2018	ORMOND_7_UNIT 2_C4	SCE	Big Creek-Ventura	750.0	market optimization	0.0
5/28/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	7.5	market optimization	0.0
5/28/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	75.3	market optimization	0.0
5/28/2018	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
5/28/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
5/28/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
5/28/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
5/28/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
5/28/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	market optimization	0.0
5/29/2018	ANAHM_2_CANYN4	ANHM	LA Basin	6.3	market optimization	0.0
5/29/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/29/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
5/29/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/29/2018	CENTER_2_TECNG1	SCE		1.0	market optimization	0.0
5/29/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/29/2018	EASTWD_7_UNIT	SCE	Big Creek-Ventura	200.0	market optimization	0.0
5/29/2018	GLNARM_7_UNIT 3	PASA	LA Basin	18.0	market optimization	0.0
5/29/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
5/29/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/29/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.8	market optimization	0.0
5/29/2018	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	99.0	market optimization	0.0
5/29/2018	ORMOND_7_UNIT_2_C1	SCE	Big Creek-Ventura	100.0	market optimization	0.0
5/29/2018	ORMOND_7_UNIT_2_C2	SCE	Big Creek-Ventura	360.0	market optimization	0.0
5/29/2018	ORMOND_7_UNIT_2_C3	SCE	Big Creek-Ventura	640.0	market optimization	0.0
5/29/2018	ORMOND_7_UNIT_2_C4	SCE	Big Creek-Ventura	734.6	market optimization	0.0
5/29/2018	PIOPIC_2_CTG2	SDGE	San Diego-IV	8.7	market optimization	0.0
5/29/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	46.8	market optimization	0.0
5/29/2018	PNCHEG_2_PL1X4_2	PGAE	CAISO System	181.7	market optimization	0.0
5/29/2018	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
5/29/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
5/30/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
5/30/2018	BARRE_6_PEAKEER	SCE	LA Basin	46.9	market optimization	0.0
5/30/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/30/2018	CENTER_2_TECNG1	SCE		1.0	market optimization	0.0
5/30/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/30/2018	FMEADO_7_UNIT	PGAE	Sierra	16.0	market optimization	0.0
5/30/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
5/30/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
5/30/2018	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	212.7	market optimization	173.0
5/30/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	46.8	market optimization	0.0
5/30/2018	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
5/31/2018	ANAHM_7_CT	ANHM	LA Basin	42.8	market optimization	0.0
5/31/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0

CAISO\ Market Quality and Renewable Integration

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
5/31/2018	BARRE_6_PEAKEK	SCE	LA Basin	47.0	market optimization	0.0
5/31/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
5/31/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
5/31/2018	COPMT4_2_SOLAR4	SCE	CAISO System	64.0	market optimization	0.0
5/31/2018	EASTWD_7_UNIT	SCE	Big Creek-Ventura	200.0	market optimization	0.0
5/31/2018	GARNET_2_HYDRO	SCE	LA Basin	0.7	market optimization	0.0
5/31/2018	GLNARM_7_UNIT 3	PASA	LA Basin	18.0	market optimization	0.0
5/31/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
5/31/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
5/31/2018	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	37.3	market optimization	0.0
5/31/2018	LODI25_2_UNIT 1	NCPA	Stockton	23.0	market optimization	0.0
5/31/2018	MIRLOM_6_PEAKEK	SCE	LA Basin	44.9	market optimization	0.0
5/31/2018	ORMOND_7_UNIT 1_C1	SCE	Big Creek-Ventura	1.4	market optimization	0.0
5/31/2018	ORMOND_7_UNIT 1_C2	SCE	Big Creek-Ventura	200.0	market optimization	0.0
5/31/2018	ORMOND_7_UNIT 1_C3	SCE	Big Creek-Ventura	296.1	market optimization	0.0
5/31/2018	ORMOND_7_UNIT 1_C4	SCE	Big Creek-Ventura	27.8	market optimization	0.0
5/31/2018	PNCHEG_2_PL1X4_1	PGAE	CAISO System	46.8	market optimization	0.0
5/31/2018	PNCHEG_2_PL1X4_2	PGAE	CAISO System	159.4	market optimization	0.0
5/31/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
5/31/2018	WHEATL_6_LNDFIL	PGAE	Sierra	1.7	market optimization	0.0
5/31/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0