



# **Non Resource Adequacy Capacity Report**

## **April 2018**

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## Introduction

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

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/1/2018	ANZA_6_SOLAR1	SDGE		2.1	market optimization	0.0
4/1/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/1/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/1/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/1/2018	GEYS11_7_UNIT11	PGAE	NCNB	4.0	market optimization	0.0
4/1/2018	HALSEY_6_UNIT	PGAE	Sierra	7.1	market optimization	0.0
4/1/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	11.6	market optimization	0.0
4/1/2018	HYTTHM_2_UNITS	CWRP	CAISO System	163.0	market optimization	0.0
4/1/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	market optimization	0.0
4/1/2018	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
4/1/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
4/1/2018	MTNPOS_1_UNIT	PGAE	Kern	10.0	market optimization	0.0
4/1/2018	OLDRIV_6_LKVBM1	PGAE		0.9	market optimization	0.0
4/1/2018	PEABDY_2_LNDFL1	PGAE	CAISO System	6.4	market optimization	0.0
4/1/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/2/2018	ALMEGT_1_UNIT 1	NCPA	Bay Area	0.4	market optimization	0.0
4/2/2018	ALMEGT_1_UNIT 2	NCPA	Bay Area	0.5	market optimization	0.0
4/2/2018	ANZA_6_SOLAR1	SDGE		2.1	market optimization	0.0
4/2/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	market optimization	0.0
4/2/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/2/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/2/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	48.1	market optimization	0.0
4/2/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/2/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/2/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
4/2/2018	MRGT_6_MEF2	SDGE	San Diego-IV	47.9	market optimization	0.0
4/2/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	48.0	market optimization	0.0
4/2/2018	PIOPIC_2_CTG1	SDGE	San Diego-IV	7.6	market optimization	0.0
4/2/2018	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
4/2/2018	PIT5_7_PL3X4	PGAE	CAISO System	39.0	market optimization	0.0
4/2/2018	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
4/2/2018	YUBACT_6_UNITA1	PGAE	Sierra	21.6	market optimization	0.0
4/3/2018	ANZA_6_SOLAR1	SDGE		2.3	market optimization	0.0
4/3/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/3/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	27.6
4/3/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/3/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/3/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/3/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
4/3/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
4/3/2018	HUMBPP_1_UNITS3_4	PGAE	Humboldt	7.7	market optimization	0.0
4/3/2018	MRGT_6_MEF2	SDGE	San Diego-IV	47.9	market optimization	0.0
4/3/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	48.0	market optimization	0.0
4/3/2018	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
4/3/2018	PIOPIC_2_CTG3	SDGE	San Diego-IV	9.0	market optimization	0.0
4/3/2018	SRINTL_6_UNIT	PGAE	Bay Area	0.5	market optimization	0.0
4/3/2018	TRNQLT_2_SOLAR	PGAE	Fresno	114.6	market optimization	0.0
4/3/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/3/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	25.6
4/4/2018	ALMEGT_1_UNIT 1	NCPA	Bay Area	0.4	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/4/2018	ALMEGT_1_UNIT 2	NCPA	Bay Area	0.5	market optimization	0.0
4/4/2018	ANZA_6_SOLAR1	SDGE		2.4	market optimization	0.0
4/4/2018	BANGOR_6_HYDRO	PGAE	Sierra	0.8	market optimization	0.0
4/4/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/4/2018	CAMPFW_7_FARWST	PGAE	Sierra	7.2	market optimization	0.0
4/4/2018	CARBOU_7_PL4X5	PGAE	CAISO System	15.3	market optimization	0.0
4/4/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/4/2018	COPMT4_2_SOLAR4	SCE	CAISO System	61.5	market optimization	0.0
4/4/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
4/4/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
4/4/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	2.0	market optimization	0.0
4/4/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	7.5	market optimization	0.0
4/4/2018	KERRGN_1_UNIT 1	SCE	Big Creek-Ventura	24.0	market optimization	0.0
4/4/2018	KIRKER_7_KELCYN	PGAE	Bay Area	1.7	market optimization	0.0
4/4/2018	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	95.3	market optimization	0.0
4/4/2018	PIOPIC_2_CTG2	SDGE	San Diego-IV	5.4	market optimization	0.0
4/4/2018	TRNQLT_2_SOLAR	PGAE	Fresno	110.4	market optimization	0.0
4/4/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
4/5/2018	ANAHM_2_CANYN1	ANHM	LA Basin	9.8	market optimization	0.0
4/5/2018	ANZA_6_SOLAR1	SDGE		2.4	market optimization	0.0
4/5/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/5/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/5/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/5/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
4/5/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/5/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	market optimization	0.0
4/5/2018	MIRLOM_6_PEAKEK	SCE	LA Basin	46.0	market optimization	0.0
4/5/2018	OLDRIV_6_LKVB1	PGAE		1.0	market optimization	0.0
4/5/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
4/5/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
4/6/2018	ANZA_6_SOLAR1	SDGE		2.0	market optimization	0.0
4/6/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/6/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/6/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.1	market optimization	0.0
4/6/2018	MIRLOM_6_PEAKEK	SCE	LA Basin	46.0	market optimization	0.0
4/6/2018	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
4/6/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
4/6/2018	PNCHEG_2_PL1X4_4	PGAE	CAISO System	401.0	market optimization	0.0
4/6/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
4/7/2018	ANAHM_2_CANYN1	ANHM	LA Basin	9.8	market optimization	0.0
4/7/2018	ANZA_6_SOLAR1	SDGE		2.4	market optimization	0.0
4/7/2018	BARRE_6_PEAKEK	SCE	LA Basin	47.0	market optimization	0.0
4/7/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/7/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/7/2018	CARBOU_7_PL4X5	PGAE	CAISO System	11.6	market optimization	0.0
4/7/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/7/2018	ENCINA_7_GT1	SDGE	San Diego-IV	14.5	market optimization	0.0
4/7/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
4/7/2018	LAMONT_1_SOLAR1	PGAE	CAISO System	16.5	market optimization	0.0
4/7/2018	LAMONT_1_SOLAR1	PGAE	Kern	16.5	market optimization	0.0
4/7/2018	LAMONT_1_SOLAR2	PGAE	Kern	0.1	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/7/2018	LAMONT_1_SOLAR4	PGAE	Kern	5.2	market optimization	0.0
4/7/2018	LAMONT_1_SOLAR5	PGAE	Kern	0.4	market optimization	0.0
4/7/2018	MIRLOM_6_PEAKE	SCE	LA Basin	46.0	market optimization	0.0
4/7/2018	MRGT_6_MEF2	SDGE	San Diego-IV	46.8	market optimization	0.0
4/7/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
4/7/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
4/7/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
4/7/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	27.6
4/8/2018	ANAHM_2_CANYN1	ANHM	LA Basin	9.8	market optimization	0.0
4/8/2018	ANZA_6_SOLAR1	SDGE		2.9	market optimization	0.0
4/8/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.4	market optimization	0.0
4/8/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/8/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/8/2018	COPMT4_2_SOLAR4	SCE	CAISO System	61.5	market optimization	0.0
4/8/2018	MRGT_6_MEF2	SDGE	San Diego-IV	45.5	market optimization	0.0
4/8/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
4/8/2018	TRNQLT_2_SOLAR	PGAE	Fresno	116.6	market optimization	0.0
4/8/2018	VOLTA_2_UNIT 2	PGAE	CAISO System	0.3	market optimization	0.0
4/8/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
4/8/2018	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
4/8/2018	WISHON_6_UNITS	PGAE	Fresno	2.8	market optimization	0.0
4/8/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/9/2018	ANAHM_2_CANYN1	ANHM	LA Basin	9.8	market optimization	0.0
4/9/2018	ANZA_6_SOLAR1	SDGE		2.9	market optimization	0.0
4/9/2018	BOGUE_1_UNITA1	PGAE	Sierra	10.0	market optimization	0.0
4/9/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/9/2018	CHICPK_7_UNIT 1	PGAE	Sierra	1.0	market optimization	0.0
4/9/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/9/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/9/2018	GLNARM_7_UNIT 3	PASA	LA Basin	4.7	market optimization	0.0
4/9/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
4/9/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	market optimization	0.0
4/9/2018	MRGT_6_MEF2	SDGE	San Diego-IV	47.9	market optimization	0.0
4/9/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	48.0	market optimization	0.0
4/9/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	18.3	market optimization	0.0
4/9/2018	PIOPIC_2_CTG1	SDGE	San Diego-IV	9.3	market optimization	0.0
4/9/2018	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
4/9/2018	PIOPIC_2_CTG3	SDGE	San Diego-IV	8.0	market optimization	0.0
4/9/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	0.5	market optimization	0.0
4/9/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	market optimization	0.0
4/9/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
4/9/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
4/9/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/10/2018	ANZA_6_SOLAR1	SDGE		1.2	market optimization	0.0
4/10/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/10/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/10/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/10/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
4/10/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/10/2018	FRESHW_1_SOLAR1	PGAE	Fresno	19.0	market optimization	0.0
4/10/2018	GEYS11_7_UNIT11	PGAE	NCNB	6.0	market optimization	0.0
4/10/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/10/2018	MIRLOM_6_PEAKEK	SCE	LA Basin	46.0	market optimization	0.0
4/10/2018	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
4/10/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
4/10/2018	NOVATO_6_LNDFL	PGAE	NCNB	0.9	market optimization	0.0
4/10/2018	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	167.2	market optimization	218.8
4/10/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
4/10/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/11/2018	ANAHM_2_CANYN1	ANHM	LA Basin	9.8	market optimization	0.0
4/11/2018	ANZA_6_SOLAR1	SDGE		1.3	market optimization	0.0
4/11/2018	BARRE_6_PEAKEK	SCE	LA Basin	46.9	market optimization	0.0
4/11/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/11/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/11/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/11/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
4/11/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/11/2018	GEYS11_7_UNIT11	PGAE	NCNB	6.0	market optimization	0.0
4/11/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
4/11/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.9	market optimization	0.0
4/11/2018	HYTTHM_2_UNITS	CWRP	CAISO System	319.0	market optimization	0.0
4/11/2018	MIRLOM_6_PEAKEK	SCE	LA Basin	44.9	market optimization	0.0
4/11/2018	MNDALY_6_MCGRTH	SCE	Big Creek-Ventura	47.1	market optimization	0.0
4/11/2018	MRGT_6_MEF2	SDGE	San Diego-IV	47.9	market optimization	0.0
4/11/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
4/11/2018	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	241.0	market optimization	0.0
4/11/2018	RVSIIDE_2_RERCU3	RVSD	LA Basin	0.5	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/11/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	market optimization	0.0
4/11/2018	VOLTA_2_UNIT 1	PGAE	CAISO System	7.9	market optimization	0.0
4/11/2018	VOLTA_2_UNIT 2	PGAE	CAISO System	0.6	market optimization	0.0
4/11/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/12/2018	ANAHM_2_CANYN1	ANHM	LA Basin	9.8	market optimization	0.0
4/12/2018	ANZA_6_SOLAR1	SDGE		1.6	market optimization	0.0
4/12/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	market optimization	0.0
4/12/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/12/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/12/2018	COLUSA_2_PL1X3_1X1	PGAE	CAISO System	11.6	market optimization	0.0
4/12/2018	DIXNLD_1_LNDFL	PGAE	Bay Area	0.8	market optimization	0.0
4/12/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/12/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/12/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.6	market optimization	0.0
4/12/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
4/12/2018	MCSWAN_6_UNITS	PGAE	Fresno	2.0	market optimization	0.0
4/12/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	market optimization	0.0
4/12/2018	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
4/12/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	48.0	market optimization	0.0
4/12/2018	MTNPOS_1_UNIT	PGAE	Kern	8.8	market optimization	0.0
4/12/2018	RTREE_2_WIND1	SCE	CAISO System	8.9	market optimization	0.0
4/12/2018	SLUISP_2_UNITS	CWRP	CAISO System	46.0	market optimization	0.0
4/12/2018	VOLTA_2_UNIT 2	PGAE	CAISO System	0.1	market optimization	0.0
4/13/2018	ANAHM_2_CANYN1	ANHM	LA Basin	9.8	market optimization	0.0
4/13/2018	ANZA_6_SOLAR1	SDGE		1.8	market optimization	0.0
4/13/2018	BARRE_6_PEAKER	SCE	LA Basin	46.9	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/13/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/13/2018	CHICPK_7_UNIT 1	PGAE	Sierra	1.0	market optimization	0.0
4/13/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/13/2018	DIXNLD_1_LNDFL	PGAE	Bay Area	0.8	market optimization	0.0
4/13/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
4/13/2018	ENCINA_7_GT1	SDGE	San Diego-IV	14.5	market optimization	0.0
4/13/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.4	market optimization	0.0
4/13/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
4/13/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
4/13/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	market optimization	0.0
4/13/2018	MIRLOM_6_PEAKEK	SCE	LA Basin	44.9	market optimization	0.0
4/13/2018	MRGT_6_MEF2	SDGE	San Diego-IV	47.9	market optimization	0.0
4/13/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	48.0	market optimization	0.0
4/13/2018	MSTANG_2_SOLAR4	PGAE	Fresno	0.9	market optimization	0.0
4/13/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
4/14/2018	ANAHM_2_CANYN1	ANHM	LA Basin	9.8	market optimization	0.0
4/14/2018	ANZA_6_SOLAR1	SDGE		1.7	market optimization	0.0
4/14/2018	BARRE_6_PEAKEK	SCE	LA Basin	47.0	market optimization	0.0
4/14/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/14/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/14/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/14/2018	COLUSA_2_PL1X3_1X1DF	PGAE	CAISO System	31.3	market optimization	0.0
4/14/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
4/14/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/14/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/14/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.0	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/14/2018	MIRLOM_6_PEAKE	SCE	LA Basin	46.0	market optimization	0.0
4/14/2018	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
4/14/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
4/14/2018	MSTANG_2_SOLAR4	PGAE	Fresno	1.6	market optimization	0.0
4/14/2018	OLDRIV_6_LKVBM1	PGAE		1.0	market optimization	0.0
4/14/2018	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	133.5	market optimization	0.0
4/14/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
4/14/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/15/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
4/15/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/15/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/15/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/15/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
4/15/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/15/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/15/2018	MILFRD_7_PASADENA	SCE		4.0	market optimization	0.0
4/15/2018	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
4/15/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
4/15/2018	OLDRIV_6_LKVBM1	PGAE		1.0	market optimization	0.0
4/15/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/16/2018	ANAHM_2_CANYN1	ANHM	LA Basin	9.8	market optimization	0.0
4/16/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
4/16/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/16/2018	CAMCHE_1_PL1X3	PGAE	Stockton	2.0	market optimization	0.0
4/16/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/16/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/16/2018	ENCINA_7_GT1	SDGE	San Diego-IV	13.5	market optimization	0.0
4/16/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/16/2018	GRNLF2_1_UNIT	PGAE	Sierra	7.7	market optimization	0.0
4/16/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
4/16/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
4/16/2018	INTMNT_3_PASADENA	SCE		4.4	market optimization	0.0
4/16/2018	INTMNT_3_RIVERSIDE	SCE	CAISO Import	38.0	market optimization	0.0
4/16/2018	OLDRIV_6_LKVBM1	PGAE		1.0	market optimization	0.0
4/16/2018	ULTPCH_1_UNIT 1	PGAE	Stockton	5.2	market optimization	0.0
4/16/2018	VOLTA_2_UNIT 2	PGAE	CAISO System	0.5	market optimization	0.0
4/16/2018	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
4/17/2018	ANAHM_2_CANYN1	ANHM	LA Basin	9.8	market optimization	0.0
4/17/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
4/17/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/17/2018	CHEVCD_6_UNIT	PGAE	CAISO System	0.4	market optimization	0.0
4/17/2018	CHEVCD_6_UNIT	PGAE	Kern	0.4	market optimization	0.0
4/17/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/17/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	48.1	market optimization	0.0
4/17/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/17/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
4/17/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	market optimization	0.0
4/17/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
4/17/2018	INDIGO_1_UNIT 1	SCE	LA Basin	2.0	market optimization	0.0
4/17/2018	INDIGO_1_UNIT 2	SCE	LA Basin	2.5	market optimization	0.0
4/17/2018	MRGT_6_MEF2	SDGE	San Diego-IV	47.9	market optimization	0.0
4/17/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	48.0	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/17/2018	MSTANG_2_SOLAR4	PGAE	Fresno	2.5	market optimization	0.0
4/17/2018	OLDRIV_6_LKVBM1	PGAE		1.0	market optimization	0.0
4/17/2018	PIOPIC_2_CTG1	SDGE	San Diego-IV	7.6	market optimization	0.0
4/17/2018	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
4/18/2018	ANAHM_2_CANYN1	ANHM	LA Basin	9.8	market optimization	0.0
4/18/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
4/18/2018	BOGUE_1_UNITA1	PGAE	Sierra	47.6	market optimization	0.0
4/18/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/18/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/18/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	48.1	market optimization	0.0
4/18/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/18/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/18/2018	HMLTBR_6_UNITS	PGAE	CAISO System	1.6	market optimization	0.0
4/18/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
4/18/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	market optimization	0.0
4/18/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.1	market optimization	0.0
4/18/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
4/18/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	market optimization	0.0
4/18/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	market optimization	0.0
4/18/2018	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
4/18/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
4/18/2018	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	136.5	market optimization	0.0
4/18/2018	WEBER_6_FORWRD	PGAE	Stockton	4.0	market optimization	0.0
4/18/2018	YUBACT_6_UNITA1	PGAE	Sierra	47.6	market optimization	0.0
4/19/2018	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
4/19/2018	BURNYF_2_UNIT 1	PGAE	CAISO System	2.9	market optimization	0.0



Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/19/2018	CALPSS_6_SOLAR1	SDGE		17.9	market optimization	0.0
4/19/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/19/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
4/19/2018	GONZLS_6_UNIT	PGAE	CAISO System	0.4	market optimization	0.0
4/19/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/19/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
4/19/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	market optimization	0.0
4/19/2018	MRGT_6_MEF2	SDGE	San Diego-IV	47.9	market optimization	0.0
4/19/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	48.0	market optimization	0.0
4/19/2018	MSTANG_2_SOLAR4	PGAE	Fresno	2.2	market optimization	0.0
4/19/2018	OLDRIV_6_LKVBM1	PGAE		1.0	market optimization	0.0
4/19/2018	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	124.0	market optimization	0.0
4/19/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	15.0	market optimization	0.0
4/19/2018	WEBER_6_FORWRD	PGAE	Stockton	4.0	market optimization	0.0
4/19/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/20/2018	ANZA_6_SOLAR1	SDGE		1.1	market optimization	0.0
4/20/2018	CALPSS_6_SOLAR1	SDGE		18.6	market optimization	0.0
4/20/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/20/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
4/20/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/20/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.2	market optimization	0.0
4/20/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	market optimization	0.0
4/20/2018	KILARC_2_UNIT 1	PGAE	CAISO System	1.5	market optimization	0.0
4/20/2018	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
4/20/2018	SLUISP_2_UNITS	CWRP	CAISO System	46.0	market optimization	0.0
4/20/2018	SPBURN_2_UNIT 1	PGAE	CAISO System	8.0	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/20/2018	VOLTA_2_UNIT 2	PGAE	CAISO System	0.5	market optimization	0.0
4/20/2018	WSENGY_1_UNIT 1	PGAE	CAISO System	34.0	market optimization	0.0
4/21/2018	ANZA_6_SOLAR1	SDGE		1.1	market optimization	0.0
4/21/2018	BARRE_6_PEAKER	SCE	LA Basin	46.9	market optimization	0.0
4/21/2018	CALPSS_6_SOLAR1	SDGE		18.7	market optimization	0.0
4/21/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/21/2018	DIXNLD_1_LNDFL	PGAE	Bay Area	0.8	market optimization	0.0
4/21/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/21/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.1	market optimization	0.0
4/21/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	market optimization	0.0
4/22/2018	ANZA_6_SOLAR1	SDGE		1.2	market optimization	0.0
4/22/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	market optimization	0.0
4/22/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/22/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/22/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/22/2018	FMEADO_6_HELLHL	PGAE	Sierra	0.6	market optimization	0.0
4/22/2018	GANSO_1_WSTBM1	PGAE		0.9	market optimization	0.0
4/22/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/22/2018	HAYPRS_6_QFUNTS	PGAE	Sierra	3.3	market optimization	0.0
4/22/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.0	market optimization	0.0
4/22/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	3.6	market optimization	0.0
4/22/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.9	market optimization	0.0
4/22/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	market optimization	0.0
4/22/2018	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
4/22/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
4/22/2018	MSTANG_2_SOLAR4	PGAE	Fresno	4.6	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/22/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
4/22/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
4/22/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
4/22/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
4/22/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/23/2018	ANZA_6_SOLAR1	SDGE		1.4	market optimization	0.0
4/23/2018	BIOMAS_1_UNIT 1	PGAE	Sierra	2.5	market optimization	0.0
4/23/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/23/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/23/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/23/2018	CONTRL_1_CASAD3	SCE	CAISO System	1.7	market optimization	0.0
4/23/2018	CSCGNR_1_UNIT 1	NCPA	Bay Area	2.7	market optimization	0.0
4/23/2018	ENCINA_7_GT1	SDGE	San Diego-IV	14.5	market optimization	0.0
4/23/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/23/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
4/23/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
4/23/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	7.3	market optimization	0.0
4/23/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	market optimization	0.0
4/23/2018	MRGT_6_MEF2	SDGE	San Diego-IV	47.9	market optimization	0.0
4/23/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	48.0	market optimization	0.0
4/23/2018	RVSIDE_2_RERCU3	RVSD	LA Basin	0.5	market optimization	0.0
4/23/2018	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	market optimization	0.0
4/23/2018	SPBURN_2_UNIT 1	PGAE	CAISO System	11.0	market optimization	0.0
4/23/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
4/23/2018	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
4/23/2018	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/23/2018	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
4/24/2018	ANZA_6_SOLAR1	SDGE		1.7	market optimization	0.0
4/24/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/24/2018	CALPSS_6_SOLAR1	SDGE		18.4	market optimization	0.0
4/24/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/24/2018	CSCGNR_1_UNIT 1	NCPA	Bay Area	2.7	market optimization	0.0
4/24/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/24/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	3.6	market optimization	0.0
4/24/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	5.6	market optimization	0.0
4/24/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
4/24/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
4/24/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	market optimization	0.0
4/24/2018	LECEF_1_UNITS_4_DB	PGAE	Bay Area	11.9	market optimization	0.0
4/24/2018	LODIEC_2_PL1X2	PGAE	Sierra	232.7	market optimization	0.0
4/24/2018	OLDRIV_6_LKVBM1	PGAE		0.9	market optimization	0.0
4/24/2018	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	118.9	market optimization	0.0
4/24/2018	PIOPIC_2_CTG3	SDGE	San Diego-IV	3.4	market optimization	0.0
4/24/2018	SPBURN_2_UNIT 1	PGAE	CAISO System	11.0	market optimization	0.0
4/24/2018	ULTPCH_1_UNIT 1	PGAE	Stockton	1.8	market optimization	0.0
4/25/2018	ANZA_6_SOLAR1	SDGE		1.7	market optimization	0.0
4/25/2018	BOGUE_1_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/25/2018	CALPSS_6_SOLAR1	SDGE		19.0	market optimization	0.0
4/25/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/25/2018	CORRAL_6_SJOAQN	PGAE	CAISO System	1.2	market optimization	0.0
4/25/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
4/25/2018	ENCINA_7_EA3	SDGE	San Diego-IV	79.4	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/25/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/25/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
4/25/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	market optimization	0.0
4/25/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	2.8	market optimization	0.0
4/25/2018	LODIEC_2_PL1X2	PGAE	Sierra	105.0	market optimization	0.0
4/25/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	market optimization	0.0
4/25/2018	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
4/25/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
4/25/2018	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	156.4	market optimization	0.0
4/25/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	6.4	market optimization	0.0
4/25/2018	PIT7_7_UNIT 2	PGAE	CAISO System	53.0	market optimization	0.0
4/25/2018	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
4/25/2018	WADHAM_6_UNIT	PGAE	CAISO System	15.0	market optimization	0.0
4/25/2018	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
4/25/2018	WHEATL_6_LNDFIL	PGAE	Sierra	0.2	market optimization	0.0
4/25/2018	YUBACT_6_UNITA1	PGAE	Sierra	20.0	market optimization	0.0
4/26/2018	ALAMIT_7_UNIT 3	SCE	LA Basin	47.4	market optimization	0.0
4/26/2018	ANZA_6_SOLAR1	SDGE		1.5	market optimization	0.0
4/26/2018	BARRE_6_PEAKER	SCE	LA Basin	47.0	market optimization	0.0
4/26/2018	CALPSS_6_SOLAR1	SDGE		13.3	market optimization	0.0
4/26/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/26/2018	CSCGNR_1_UNIT 1	NCPA	Bay Area	2.7	market optimization	0.0
4/26/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
4/26/2018	ENCINA_7_GT1	SDGE	San Diego-IV	11.2	market optimization	0.0
4/26/2018	ESQUON_6_LNDFIL	PGAE	CAISO System	2.1	market optimization	0.0
4/26/2018	GONZLS_6_UNIT	PGAE	CAISO System	0.4	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/26/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/26/2018	GRNLF2_1_UNIT	PGAE	Sierra	7.4	market optimization	0.0
4/26/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	5.8	market optimization	0.0
4/26/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.3	market optimization	0.0
4/26/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
4/26/2018	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	market optimization	0.0
4/26/2018	METEC_2_PL1X3_1X1	PGAE	Bay Area	264.0	market optimization	0.0
4/26/2018	METEC_2_PL1X3_2X1	PGAE	Bay Area	509.3	market optimization	0.0
4/26/2018	METEC_2_PL1X3_2X1_DB	PGAE	Bay Area	545.0	market optimization	0.0
4/26/2018	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	market optimization	0.0
4/26/2018	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
4/26/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
4/26/2018	PALOMR_2_PL1X3_1X1_DF	SDGE	San Diego-IV	23.7	market optimization	0.0
4/26/2018	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	133.5	market optimization	0.0
4/26/2018	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	15.8	market optimization	0.0
4/26/2018	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
4/26/2018	SPIFBD_1_PL1X2	PGAE	Stockton	0.4	market optimization	0.0
4/27/2018	ANZA_6_SOLAR1	SDGE		1.6	market optimization	0.0
4/27/2018	BARRE_6_PEAKER	SCE	LA Basin	46.9	market optimization	0.0
4/27/2018	BNNIEN_7_ALTAPH	PGAE	Sierra	0.1	market optimization	0.0
4/27/2018	CALPSS_6_SOLAR1	SDGE		17.1	market optimization	0.0
4/27/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/27/2018	COLGAT_7_UNIT 1	PGAE	Sierra	48.1	market optimization	0.0
4/27/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
4/27/2018	ENCINA_7_GT1	SDGE	San Diego-IV	14.5	market optimization	0.0
4/27/2018	ESQUON_6_LNDFIL	PGAE	CAISO System	2.1	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/27/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.2	market optimization	0.0
4/27/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	2.0	market optimization	0.0
4/27/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	5.3	market optimization	0.0
4/27/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.5	market optimization	0.0
4/27/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
4/27/2018	METEC_2_PL1X3_1X1_DB	PGAE	Bay Area	275.0	market optimization	0.0
4/27/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	market optimization	0.0
4/27/2018	MOJAVE_1_SIPHON	CWRS	LA Basin	4.0	market optimization	0.0
4/27/2018	MRGT_6_MEF2	SDGE	San Diego-IV	47.9	market optimization	0.0
4/27/2018	MRGT_6_MMAREF	SDGE	San Diego-IV	48.0	market optimization	0.0
4/27/2018	OLDRIV_6_CESDBM	PGAE		1.0	market optimization	0.0
4/27/2018	OLDRIV_6_LKVBM1	PGAE		1.0	market optimization	0.0
4/27/2018	OXMTN_6_LNDFIL	PGAE	Bay Area	0.2	market optimization	0.0
4/27/2018	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
4/28/2018	ANZA_6_SOLAR1	SDGE		2.3	market optimization	0.0
4/28/2018	BISHOP_1_ALAMO	SCE	CAISO System	6.5	market optimization	0.0
4/28/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/28/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/28/2018	COPMT4_2_SOLAR4	SCE	CAISO System	61.8	market optimization	0.0
4/28/2018	DIXNLD_1_LNDFL	PGAE	Bay Area	0.8	market optimization	0.0
4/28/2018	FORKBU_6_UNIT	PGAE	CAISO System	10.0	market optimization	0.0
4/28/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/28/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
4/28/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	market optimization	0.0
4/28/2018	TRNQLT_2_SOLAR	PGAE	Fresno	129.6	market optimization	0.0
4/29/2018	ANZA_6_SOLAR1	SDGE		1.3	market optimization	0.0

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Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
4/29/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/29/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/29/2018	COPMT4_2_SOLAR4	SCE	CAISO System	61.5	market optimization	0.0
4/29/2018	DONNLS_7_UNIT	NCPA	Stockton	50.5	market optimization	0.0
4/29/2018	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
4/29/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/29/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	3.2	market optimization	0.0
4/29/2018	MAGUND_1_BKSSR2	PGAE	Kern	1.2	market optimization	0.0
4/29/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	market optimization	0.0
4/29/2018	SAUGUS_6_PTCHGN	SCE	Big Creek-Ventura	14.4	market optimization	0.0
4/29/2018	TRNQLT_2_SOLAR	PGAE	Fresno	58.4	market optimization	0.0
4/30/2018	ALAMIT_7_UNIT 5_C3	SCE	LA Basin	45.4	market optimization	0.0
4/30/2018	ANZA_6_SOLAR1	SDGE		2.3	market optimization	0.0
4/30/2018	BURNYF_2_UNIT 1	PGAE	CAISO System	4.2	market optimization	0.0
4/30/2018	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
4/30/2018	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
4/30/2018	ENCINA_7_GT1	SDGE	San Diego-IV	14.5	market optimization	0.0
4/30/2018	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
4/30/2018	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
4/30/2018	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
4/30/2018	HUMBPP_6_UNITS_2	PGAE	Humboldt	4.0	market optimization	0.0
4/30/2018	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
4/30/2018	IVANPA_1_UNIT3	SCE	CAISO System	15.1	market optimization	0.0
4/30/2018	MIRLOM_6_PEAKER	SCE	LA Basin	44.9	market optimization	0.0
4/30/2018	STANIS_7_UNIT 1	PGAE	Stockton	0.9	market optimization	0.0



