



Non Resource Adequacy Capacity Report

November 2017

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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 November 2017.

The Content of the Non RA Capacity Report

The report includes the following information:

- (a) the name of the resource with non-RA capacity;
- (b) The utility service area and local capacity area (if applicable);
- (c) the maximum amount of non-RA capacity committed in response to the event (MW);
- (d) how the non-RA capacity was procured (for example, by 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 November 2017. If there is non-RA capacity committed by ED, the commitment reason will be “ED: *the specific ED reason.*”

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

Capacity Payment Mechanism (CPM) capacity was used first and, if not, why. Non-RA capacity can be committed by the market, RUC or exceptional 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 November 2017

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/1/2017	ANAHM_2_CANYN1	ANHM	LA Basin	3.0	market optimization	0.0
11/1/2017	ANZA_6_SOLAR1	SDGE		2.3	market optimization	0.0
11/1/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	116.5	market optimization	0.0
11/1/2017	BUCKBL_2_PL1X3_C5	SCE	CAISO System	3.7	market optimization	0.0
11/1/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/1/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/1/2017	GLNARM_2_UNIT 5_CONFIG_1	PASA	LA Basin	19.0	market optimization	0.0
11/1/2017	GLNARM_7_UNIT 3	PASA	LA Basin	1.6	market optimization	0.0
11/1/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
11/1/2017	GRNVLY_7_SCLAND	PGAE	CAISO System	1.1	market optimization	0.0
11/1/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/1/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
11/1/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	25.4	market optimization	0.0
11/1/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/1/2017	MSOLAR_2_SOLAR1	SDGE	CAISO System	14.5	market optimization	0.0
11/1/2017	MSOLAR_2_SOLAR3	SDGE	CAISO System	16.2	market optimization	0.0
11/1/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.2	market optimization	0.0
11/1/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.1	market optimization	0.0
11/1/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	6.5	market optimization	0.0
11/1/2017	PNCHEG_2_PL1X4_4	PGAE	CAISO System	20.0	market optimization	0.0
11/1/2017	REDBLF_6_UNIT	PGAE	CAISO System	5.6	market optimization	0.0
11/1/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/1/2017	TRNQLT_2_SOLAR	PGAE	Fresno	2.3	market optimization	0.0
11/1/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
11/1/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/1/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
11/1/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/2/2017	ANAHM_2_CANYN1	ANHM	LA Basin	3.0	market optimization	0.0
11/2/2017	ANZA_6_SOLAR1	SDGE		2.1	market optimization	0.0
11/2/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	356.6	market optimization	0.0
11/2/2017	BUCKBL_2_PL1X3_C5	SCE	CAISO System	410.0	market optimization	0.0
11/2/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/2/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/2/2017	GLNARM_2_UNIT 5_CONFIG_1	PASA	LA Basin	20.0	market optimization	0.0
11/2/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.3	market optimization	0.0
11/2/2017	HIDSRT_2_UNITS_2X1_DF	SCE	CAISO System	47.0	market optimization	0.0
11/2/2017	HIDSRT_2_UNITS_3X1	SCE	CAISO System	194.0	market optimization	0.0
11/2/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/2/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	market optimization	0.0
11/2/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	market optimization	0.0
11/2/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	24.7	market optimization	0.0
11/2/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/2/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	44.0	market optimization	0.0
11/2/2017	MSOLAR_2_SOLAR1	SDGE	CAISO System	14.7	market optimization	0.0
11/2/2017	MSOLAR_2_SOLAR3	SDGE	CAISO System	0.5	market optimization	0.0
11/2/2017	MSTANG_2_SOLAR3	PGAE	Fresno	0.0	market optimization	0.0
11/2/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.1	market optimization	0.0
11/2/2017	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	57.0	market optimization	0.0
11/2/2017	PNCHEG_2_PL1X4_4	PGAE	CAISO System	20.0	market optimization	0.0
11/2/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno	5.4	market optimization	0.0
11/2/2017	REDBLF_6_UNIT	PGAE	CAISO System	13.9	market optimization	0.0
11/2/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/2/2017	TRNQLT_2_SOLAR	PGAE	Fresno	2.2	market optimization	0.0
11/2/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/2/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
11/3/2017	ANZA_6_SOLAR1	SDGE		1.7	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/3/2017	BOWMN_6_HYDRO	PGAE	Sierra	0.8	market optimization	0.0
11/3/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	410.0	market optimization	0.0
11/3/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/3/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/3/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
11/3/2017	GOLETA_6_ELLWOD	SCE	Big Creek-Ventura	53.9	market optimization	0.0
11/3/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
11/3/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/3/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	3.0	market optimization	0.0
11/3/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	4.0	market optimization	0.0
11/3/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	16.3	market optimization	0.0
11/3/2017	MRGT_6_MEF2	SDGE	San Diego-IV	44.0	market optimization	0.0
11/3/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	44.0	market optimization	0.0
11/3/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.1	market optimization	0.0
11/3/2017	PEABDY_2_LNDFL1	PGAE	CAISO System	1.1	market optimization	0.0
11/3/2017	PIOPIC_2_CTG1	SDGE	San Diego-IV	5.5	market optimization	0.0
11/3/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.1	market optimization	0.0
11/3/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	6.5	market optimization	0.0
11/3/2017	PNCHEG_2_PL1X4_4	PGAE	CAISO System	20.0	market optimization	0.0
11/3/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno	6.0	market optimization	0.0
11/3/2017	REDBLF_6_UNIT	PGAE	CAISO System	5.6	market optimization	0.0
11/3/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/3/2017	SPICER_1_UNITS	NCPA	CAISO System	2.0	market optimization	0.0
11/3/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.4	market optimization	0.0
11/3/2017	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
11/3/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
11/4/2017	ANZA_6_SOLAR1	SDGE		1.4	market optimization	0.0
11/4/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/4/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/4/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
11/4/2017	GLNARM_2_UNIT 5_CONFIG_1	PASA	LA Basin	53.3	market optimization	0.0
11/4/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/4/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	3.0	market optimization	0.0
11/4/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	17.1	market optimization	0.0
11/4/2017	MRGT_6_MEF2	SDGE	San Diego-IV	44.0	market optimization	0.0
11/4/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/4/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.2	market optimization	0.0
11/4/2017	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	57.0	market optimization	0.0
11/4/2017	REDBLF_6_UNIT	PGAE	CAISO System	5.6	market optimization	0.0
11/4/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/4/2017	SPAULD_6_UNIT 3	PGAE	Sierra	3.8	market optimization	0.0
11/4/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.3	market optimization	0.0
11/4/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
11/4/2017	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
11/4/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
11/5/2017	ANAHM_2_CANYN1	ANHM	LA Basin	3.0	market optimization	0.0
11/5/2017	ANZA_6_SOLAR1	SDGE		1.4	market optimization	0.0
11/5/2017	BOGUE_1_UNITA1	PGAE	Sierra	1.3	market optimization	0.0
11/5/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	44.0	market optimization	0.0
11/5/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/5/2017	CHWCHL_1_UNIT	PGAE	Fresno	10.9	market optimization	0.0
11/5/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/5/2017	COPMT2_2_SOLAR2	SCE	CAISO System	3.6	market optimization	0.0
11/5/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
11/5/2017	ELCAJN_6_UNITA1_CT2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/5/2017	GLNARM_2_UNIT 5_CONFIG_1	PASA	LA Basin	40.0	market optimization	0.0
11/5/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	2.0	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/5/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	15.1	market optimization	0.0
11/5/2017	MRGT_6_MEF2	SDGE	San Diego-IV	44.0	market optimization	0.0
11/5/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	44.0	market optimization	0.0
11/5/2017	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	57.0	market optimization	0.0
11/5/2017	PIOPIC_2_CTG1	SDGE	San Diego-IV	4.8	market optimization	0.0
11/5/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	8.3	market optimization	0.0
11/5/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	5.2	market optimization	0.0
11/5/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno	6.3	market optimization	0.0
11/5/2017	REDBLF_6_UNIT	PGAE	CAISO System	29.1	market optimization	0.0
11/5/2017	SPBURN_2_UNIT 1	PGAE	CAISO System	1.0	market optimization	0.0
11/5/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.8	market optimization	0.0
11/5/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
11/5/2017	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
11/5/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
11/6/2017	ANAHM_2_CANYN1	ANHM	LA Basin	3.0	market optimization	0.0
11/6/2017	ANZA_6_SOLAR1	SDGE		1.3	market optimization	0.0
11/6/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	44.0	market optimization	0.0
11/6/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/6/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/6/2017	COPMT2_2_SOLAR2	SCE	CAISO System	2.9	market optimization	0.0
11/6/2017	COPMT4_2_SOLAR4	SCE	CAISO System	2.1	market optimization	0.0
11/6/2017	DIXNLD_1_LNDFL	PGAE	Bay Area	1.0	market optimization	0.0
11/6/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
11/6/2017	ELCAJN_6_UNITA1_CT2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/6/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/6/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.0	market optimization	0.0
11/6/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	14.2	market optimization	0.0
11/6/2017	MRGT_6_MEF2	SDGE	San Diego-IV	44.0	market optimization	0.0
11/6/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	44.0	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/6/2017	OXMTN_6_LNDFIL	PGAE	Bay Area	5.5	market optimization	0.0
11/6/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	8.5	market optimization	0.0
11/6/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	5.4	market optimization	0.0
11/6/2017	REDBLF_6_UNIT	PGAE	CAISO System	19.9	market optimization	0.0
11/6/2017	SUNSHN_2_LNDFL	PGAE	Big Creek-Ventura	8.8	market optimization	0.0
11/6/2017	TRNQLT_2_SOLAR	PGAE	Fresno	1.0	market optimization	0.0
11/6/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
11/6/2017	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
11/6/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
11/6/2017	WHEATL_6_LNDFIL	PGAE	Sierra	1.5	market optimization	0.0
11/6/2017	YUBACT_6_UNITA1	PGAE	Sierra	1.6	market optimization	0.0
11/7/2017	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
11/7/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	44.0	market optimization	0.0
11/7/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/7/2017	CAYTNO_2_VASCO	PGAE	Bay Area	4.3	market optimization	0.0
11/7/2017	CHWCHL_1_UNIT	PGAE	Fresno	9.0	market optimization	0.0
11/7/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/7/2017	COPMT2_2_SOLAR2	SCE	CAISO System	2.5	market optimization	0.0
11/7/2017	COPMT4_2_SOLAR4	SCE	CAISO System	1.9	market optimization	0.0
11/7/2017	DONNLS_7_UNIT	NCPA	Stockton	72.0	market optimization	0.0
11/7/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	48.1	market optimization	0.0
11/7/2017	ESQUON_6_LNDFIL	PGAE	CAISO System	2.1	market optimization	0.0
11/7/2017	ETIWND_7_UNIT 4	SCE	LA Basin	7.6	market optimization	0.0
11/7/2017	GWFPWR_1_UNITS_DUAL	PGAE	Fresno	14.1	market optimization	0.0
11/7/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/7/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.9	market optimization	0.0
11/7/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	4.4	market optimization	0.0
11/7/2017	MOSSLD_2_PSP2_2	PGAE	Bay Area	0.7	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/7/2017	MOSSLD_2_PSP2_2	PGAE	CAISO System	0.7	market optimization	0.0
11/7/2017	MRGT_6_MEF2	SDGE	San Diego-IV	47.9	market optimization	0.0
11/7/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/7/2017	OAK C_1_EBMUD	PGAE	Bay Area	0.8	market optimization	0.0
11/7/2017	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	57.0	market optimization	0.0
11/7/2017	PEABDY_2_LNDFL1	PGAE	CAISO System	0.5	market optimization	0.0
11/7/2017	REDBLF_6_UNIT	PGAE	CAISO System	25.0	market optimization	0.0
11/7/2017	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
11/7/2017	TRNQLT_2_SOLAR	PGAE	Fresno	1.5	market optimization	0.0
11/7/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
11/7/2017	WHEATL_6_LNDFIL	PGAE	Sierra	1.5	market optimization	0.0
11/8/2017	ANZA_6_SOLAR1	SDGE		1.2	market optimization	0.0
11/8/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	44.0	market optimization	0.0
11/8/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/8/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/8/2017	COPMT2_2_SOLAR2	SCE	CAISO System	2.5	market optimization	0.0
11/8/2017	COPMT4_2_SOLAR4	SCE	CAISO System	1.9	market optimization	0.0
11/8/2017	CSCGNR_1_UNIT 1	NCPA	Bay Area	24.7	market optimization	0.0
11/8/2017	CSCGNR_1_UNIT 2	NCPA	Bay Area	24.7	market optimization	0.0
11/8/2017	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	market optimization	0.0
11/8/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
11/8/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
11/8/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/8/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.0	market optimization	0.0
11/8/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	9.2	market optimization	0.0
11/8/2017	MNDALY_7_UNIT 2	SCE	Big Creek-Ventura	9.5	market optimization	0.0
11/8/2017	MRGT_6_MEF2	SDGE	San Diego-IV	44.0	market optimization	0.0
11/8/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	44.0	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/8/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.1	market optimization	0.0
11/8/2017	PGP2_2_PDRP02	PGAE		0.3	market optimization	0.0
11/8/2017	PGP2_2_PDRP03	PGAE		0.3	market optimization	0.0
11/8/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	8.4	market optimization	0.0
11/8/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	5.4	market optimization	0.0
11/8/2017	PIT4_7_PL1X2	PGAE	CAISO System	9.5	market optimization	0.0
11/8/2017	REDBLF_6_UNIT	PGAE	CAISO System	15.0	market optimization	0.0
11/8/2017	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
11/8/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.7	market optimization	0.0
11/8/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/8/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
11/9/2017	ANZA_6_SOLAR1	SDGE		1.1	market optimization	0.0
11/9/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	44.0	market optimization	0.0
11/9/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/9/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/9/2017	COPMT2_2_SOLAR2	SCE	CAISO System	1.5	market optimization	0.0
11/9/2017	COPMT4_2_SOLAR4	SCE	CAISO System	1.4	market optimization	0.0
11/9/2017	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	market optimization	0.0
11/9/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
11/9/2017	HIDSRT_2_UNITS_2X1_DF	SCE	CAISO System	1.9	market optimization	0.0
11/9/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/9/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	market optimization	0.0
11/9/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	market optimization	0.0
11/9/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	6.4	market optimization	0.0
11/9/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/9/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/9/2017	OXBOW_6_DRUM	PGAE	Sierra	0.6	market optimization	0.0
11/9/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/9/2017	TRNQLT_2_SOLAR	PGAE	Fresno	1.1	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/10/2017	ANZA_6_SOLAR1	SDGE		2.7	market optimization	0.0
11/10/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	44.0	market optimization	0.0
11/10/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	356.6	market optimization	0.0
11/10/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/10/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/10/2017	COPMT2_2_SOLAR2	SCE	CAISO System	1.5	market optimization	0.0
11/10/2017	COPMT4_2_SOLAR4	SCE	CAISO System	1.4	market optimization	0.0
11/10/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
11/10/2017	ELCAJN_6_UNITA1_CT2	SDGE	San Diego-IV	10.0	market optimization	0.0
11/10/2017	ESCND0_6_UNITB1_2X1	SDGE	San Diego-IV	4.0	market optimization	0.0
11/10/2017	ETIWND_6_GRPLND	SCE	LA Basin	10.0	market optimization	0.0
11/10/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/10/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	11.6	market optimization	0.0
11/10/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	market optimization	0.0
11/10/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	5.8	market optimization	0.0
11/10/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/10/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/10/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.1	market optimization	0.0
11/10/2017	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	57.0	market optimization	0.0
11/10/2017	PIOPIC_2_CTG1	SDGE	San Diego-IV	6.7	market optimization	0.0
11/10/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	7.9	market optimization	0.0
11/10/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/10/2017	WEBER_6_FORWRD	PGAE	Stockton	4.0	market optimization	0.0
11/11/2017	ANZA_6_SOLAR1	SDGE		2.6	market optimization	0.0
11/11/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	48.0	market optimization	0.0
11/11/2017	BUCKBL_2_PL1X3_C1	SCE	CAISO System	196.0	market optimization	0.0
11/11/2017	BUCKBL_2_PL1X3_C2	SCE	CAISO System	226.0	market optimization	0.0
11/11/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/11/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/11/2017	COPMT2_2_SOLAR2	SCE	CAISO System	1.5	market optimization	0.0
11/11/2017	COPMT4_2_SOLAR4	SCE	CAISO System	10.6	market optimization	0.0
11/11/2017	CPVERD_2_SOLAR	SDGE	San Diego-IV	116.2	market optimization	0.0
11/11/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	48.1	market optimization	0.0
11/11/2017	ELCAJN_6_UNITA1_CT2	SDGE	San Diego-IV	45.4	market optimization	0.0
11/11/2017	ESCND0_6_UNITB1_2X1	SDGE	San Diego-IV	4.0	market optimization	0.0
11/11/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/11/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	4.5
11/11/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	market optimization	0.0
11/11/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	market optimization	0.0
11/11/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	5.7	market optimization	0.0
11/11/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/11/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/11/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.1	market optimization	0.0
11/11/2017	PIOPIC_2_CTG1	SDGE	San Diego-IV	6.7	market optimization	0.0
11/11/2017	REDBLF_6_UNIT	PGAE	CAISO System	5.6	market optimization	0.0
11/11/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/11/2017	SUNSHN_2_LNDFL	PGAE	Big Creek-Ventura	9.7	market optimization	0.0
11/11/2017	TRNQLT_2_SOLAR	PGAE	Fresno	105.0	market optimization	0.0
11/11/2017	USWNDR_2_UNITS	PGAE	Bay Area	1.0	market optimization	0.0
11/11/2017	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
11/11/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
11/12/2017	ANZA_6_SOLAR1	SDGE		1.3	market optimization	0.0
11/12/2017	BUCKBL_2_PL1X3_C1	SCE	CAISO System	21.0	market optimization	0.0
11/12/2017	BUCKBL_2_PL1X3_C5	SCE	CAISO System	65.0	market optimization	0.0
11/12/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/12/2017	CHILLS_7_UNITA1	SDGE	San Diego-IV	0.1	market optimization	0.0
11/12/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0

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11/12/2017	COPMT2_2_SOLAR2	SCE	CAISO System	0.7	market optimization	0.0
11/12/2017	COPMT4_2_SOLAR4	SCE	CAISO System	0.6	market optimization	0.0
11/12/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	48.1	market optimization	0.0
11/12/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/12/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	market optimization	0.0
11/12/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	market optimization	0.0
11/12/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	4.5	market optimization	0.0
11/12/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/12/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/12/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.0	market optimization	0.0
11/12/2017	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	7.5	market optimization	0.0
11/12/2017	PIOPIC_2_CTG1	SDGE	San Diego-IV	6.7	market optimization	0.0
11/12/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno	4.3	market optimization	0.0
11/12/2017	REDBLF_6_UNIT	PGAE	CAISO System	5.6	market optimization	0.0
11/12/2017	TRNQLT_2_SOLAR	PGAE	Fresno	2.0	market optimization	0.0
11/12/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/12/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
11/12/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
11/13/2017	ANZA_6_SOLAR1	SDGE		1.7	market optimization	0.0
11/13/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	303.1	market optimization	0.0
11/13/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/13/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/13/2017	COPMT2_2_SOLAR2	SCE	CAISO System	0.2	market optimization	0.0
11/13/2017	COPMT4_2_SOLAR4	SCE	CAISO System	0.6	market optimization	0.0
11/13/2017	GARNET_2_HYDRO	SCE	LA Basin	0.8	market optimization	0.0
11/13/2017	GRNLF2_1_UNIT	PGAE	Sierra	17.2	market optimization	0.0
11/13/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/13/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	8.0	market optimization	0.0
11/13/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	market optimization	0.0

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11/13/2017	MOORPK_6_QF	SCE	Big Creek-Ventura	9.7	market optimization	0.0
11/13/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/13/2017	RECTOR_7_TULARE	SCE	Big Creek-Ventura	0.8	market optimization	0.0
11/13/2017	TRNQLT_2_SOLAR	PGAE	Fresno	2.6	market optimization	0.0
11/13/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
11/13/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/14/2017	ANZA_6_SOLAR1	SDGE		1.3	market optimization	0.0
11/14/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	410.0	market optimization	0.0
11/14/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/14/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/14/2017	COLGAT_7_UNIT 1	PGAE	Sierra	10.1	market optimization	0.0
11/14/2017	COPMT2_2_SOLAR2	SCE	CAISO System	0.1	market optimization	0.0
11/14/2017	COPMT4_2_SOLAR4	SCE	CAISO System	0.3	market optimization	0.0
11/14/2017	CSTRVL_7_QFUNTS	PGAE	CAISO System	0.0	market optimization	0.0
11/14/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/14/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
11/14/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
11/14/2017	MONTPH_7_UNITS	PGAE	NCNB	1.9	market optimization	0.0
11/14/2017	OAK C_1_EBMUD	PGAE	Bay Area	0.8	market optimization	0.0
11/14/2017	TRNQLT_2_SOLAR	PGAE	Fresno	1.5	market optimization	0.0
11/14/2017	ULTPFR_1_UNIT 1	PGAE	Fresno	1.8	market optimization	0.0
11/14/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
11/15/2017	ANZA_6_SOLAR1	SDGE		1.9	market optimization	0.0
11/15/2017	BORDER_6_UNITA1_1X1	SDGE	San Diego-IV	21.0	market optimization	0.0
11/15/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	44.0	market optimization	0.0
11/15/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/15/2017	CENTER_6_PEAKER	SCE	LA Basin	3.1	market optimization	0.0
11/15/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0

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11/15/2017	COPMT2_2_SOLAR2	SCE	CAISO System	0.1	market optimization	0.0
11/15/2017	COPMT4_2_SOLAR4	SCE	CAISO System	0.3	market optimization	0.0
11/15/2017	CPVERD_2_SOLAR	SDGE	San Diego-IV	57.8	market optimization	0.0
11/15/2017	ESQUON_6_LNDFIL	PGAE	CAISO System	2.1	market optimization	0.0
11/15/2017	FELLOW_7_QFUNTS	PGAE	CAISO System	0.5	market optimization	0.0
11/15/2017	FELLOW_7_QFUNTS	PGAE	Kern	0.5	market optimization	0.0
11/15/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/15/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
11/15/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	3.4	market optimization	0.0
11/15/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	market optimization	0.0
11/15/2017	IVWEST_2_SOLAR1	SDGE	San Diego-IV	0.0	market optimization	0.0
11/15/2017	MDFKRL_2_PROJCT	PGAE	Sierra	2.0	market optimization	0.0
11/15/2017	NOVATO_6_LNDFL	PGAE		3.7	market optimization	0.0
11/15/2017	PIOPIC_2_CTG1	SDGE	San Diego-IV	6.7	market optimization	0.0
11/15/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
11/15/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	7.9	market optimization	0.0
11/15/2017	RVSIDE_2_RERCU3	RVSD	LA Basin	0.6	market optimization	0.0
11/15/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/15/2017	TRNQLT_2_SOLAR	PGAE	Fresno	2.0	market optimization	0.0
11/16/2017	ANAHM_2_CANYN1	ANHM	LA Basin	3.0	market optimization	0.0
11/16/2017	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
11/16/2017	BASICE_2_UNITS	PGAE	CAISO System	9.9	market optimization	0.0
11/16/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	48.0	market optimization	0.0
11/16/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	356.6	market optimization	0.0
11/16/2017	BUCKBL_2_PL1X3_C5	SCE	CAISO System	452.1	market optimization	0.0
11/16/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/16/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/16/2017	COPMT2_2_SOLAR2	SCE	CAISO System	0.1	market optimization	0.0
11/16/2017	COPMT4_2_SOLAR4	SCE	CAISO System	0.2	market optimization	0.0

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11/16/2017	COVERD_2_RCKHY1	PGAE	CAISO System	0.9	market optimization	0.0
11/16/2017	CSTOGA_6_LNDFIL	PGAE	NCNB	0.6	market optimization	0.0
11/16/2017	ELCAJN_6_UNITA1_CT2	SDGE	San Diego-IV	45.4	market optimization	0.0
11/16/2017	ESCENDO_6_UNITB1_2X1	SDGE	San Diego-IV	4.0	market optimization	0.0
11/16/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/16/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
11/16/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	19.7	market optimization	0.0
11/16/2017	MRGT_6_MEF2	SDGE	San Diego-IV	43.5	market optimization	0.0
11/16/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/16/2017	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	7.5	market optimization	0.0
11/16/2017	PIOPIC_2_CTG1	SDGE	San Diego-IV	6.7	market optimization	0.0
11/16/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
11/16/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	6.4	market optimization	0.0
11/16/2017	RVSIDE_2_RERCU3	RVSD	LA Basin	0.6	market optimization	0.0
11/16/2017	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	market optimization	0.0
11/16/2017	SAUGUS_2_TOLAND	SCE	Big Creek-Ventura	0.7	market optimization	0.0
11/16/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/16/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.1	market optimization	0.0
11/16/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
11/16/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/16/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
11/16/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
11/17/2017	ANAHM_2_CANYN1	ANHM	LA Basin	3.0	market optimization	0.0
11/17/2017	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
11/17/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	48.0	market optimization	0.0
11/17/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	410.0	market optimization	0.0
11/17/2017	BUCKBL_2_PL1X3_C5	SCE	CAISO System	431.2	market optimization	0.0
11/17/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0

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11/17/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/17/2017	COPMT2_2_SOLAR2	SCE	CAISO System	0.2	market optimization	0.0
11/17/2017	COPMT4_2_SOLAR4	SCE	CAISO System	15.0	market optimization	0.0
11/17/2017	COPMTN_2_CM10	SCE	CAISO System	1.6	market optimization	0.0
11/17/2017	ELCAJN_6_UNITA1_CT1	SDGE	San Diego-IV	18.2	market optimization	0.0
11/17/2017	ESCND0_6_UNITB1_2X1	SDGE	San Diego-IV	4.0	market optimization	0.0
11/17/2017	ESQUON_6_LNDFIL	PGAE	CAISO System	2.1	market optimization	0.0
11/17/2017	GONZLS_6_UNIT	PGAE	CAISO System	1.4	market optimization	0.0
11/17/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/17/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	4.8	market optimization	0.0
11/17/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	7.4	market optimization	0.0
11/17/2017	LODIEC_2_PL1X2	PGAE	Sierra	33.5	market optimization	0.0
11/17/2017	MRGT_6_MEF2	SDGE	San Diego-IV	43.5	market optimization	0.0
11/17/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	44.0	market optimization	0.0
11/17/2017	NHOGAN_6_UNITS	PGAE	CAISO System	1.0	market optimization	0.0
11/17/2017	PIOPIC_2_CTG1	SDGE	San Diego-IV	6.7	market optimization	0.0
11/17/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
11/17/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	7.4	market optimization	0.0
11/17/2017	RECTOR_7_TULARE	SCE	Big Creek-Ventura	1.5	market optimization	0.0
11/17/2017	SAUGUS_2_TOLAND	SCE	Big Creek-Ventura	0.7	market optimization	0.0
11/17/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/17/2017	TRNQLT_2_SOLAR	PGAE	Fresno	1.3	market optimization	0.0
11/18/2017	ANZA_6_SOLAR1	SDGE		2.5	market optimization	0.0
11/18/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	48.0	market optimization	0.0
11/18/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	404.2	market optimization	0.0
11/18/2017	BUCKBL_2_PL1X3_C5	SCE	CAISO System	475.0	market optimization	0.0
11/18/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/18/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/18/2017	COPMT2_2_SOLAR2	SCE	CAISO System	0.3	market optimization	0.0
11/18/2017	COPMT4_2_SOLAR4	SCE	CAISO System	0.5	market optimization	0.0
11/18/2017	CPVERD_2_SOLAR	SDGE	San Diego-IV	86.6	market optimization	0.0
11/18/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	48.1	market optimization	0.0
11/18/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	22.6	market optimization	0.0
11/18/2017	IWEST_2_SOLAR1	SDGE	San Diego-IV	0.3	market optimization	0.0
11/18/2017	MONTPH_7_UNITS	PGAE	NCNB	0.8	market optimization	0.0
11/18/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/18/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/18/2017	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	57.5	market optimization	0.0
11/18/2017	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	22.5	market optimization	0.0
11/18/2017	PEABDY_2_LNDFL1	PGAE	CAISO System	0.5	market optimization	0.0
11/18/2017	PIOPIC_2_CTG1	SDGE	San Diego-IV	6.7	market optimization	0.0
11/18/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
11/18/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	7.7	market optimization	0.0
11/18/2017	REDBLF_6_UNIT	PGAE	CAISO System	5.6	market optimization	0.0
11/18/2017	SANTGO_2_LNDFL1	SCE	LA Basin	11.0	market optimization	0.0
11/18/2017	TRNQLT_2_SOLAR	PGAE	Fresno	2.0	market optimization	0.0
11/18/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/18/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
11/19/2017	ANAHM_2_CANYN1	ANHM	LA Basin	3.0	market optimization	0.0
11/19/2017	ANZA_6_SOLAR1	SDGE		2.5	market optimization	0.0
11/19/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	170.0	market optimization	0.0
11/19/2017	BUCKBL_2_PL1X3_C5	SCE	CAISO System	64.9	market optimization	0.0
11/19/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/19/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/19/2017	COPMT2_2_SOLAR2	SCE	CAISO System	0.3	market optimization	0.0
11/19/2017	COPMT4_2_SOLAR4	SCE	CAISO System	0.2	market optimization	0.0
11/19/2017	COPMTN_2_CM10	SCE	CAISO System	2.6	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/19/2017	ELCAJN_6_UNITA1_CT2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/19/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	24.0	market optimization	0.0
11/19/2017	IVWEST_2_SOLAR1	SDGE	San Diego-IV	0.6	market optimization	0.0
11/19/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/19/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/19/2017	PIOPIC_2_CTG1	SDGE	San Diego-IV	6.7	market optimization	0.0
11/19/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
11/19/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	7.9	market optimization	0.0
11/19/2017	REDBLF_6_UNIT	PGAE	CAISO System	5.6	market optimization	0.0
11/19/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.6	market optimization	0.0
11/19/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
11/19/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/19/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
11/20/2017	ANZA_6_SOLAR1	SDGE		2.3	market optimization	0.0
11/20/2017	BORDER_6_UNITA1_1X1	SDGE	San Diego-IV	24.0	market optimization	0.0
11/20/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	45.9	market optimization	0.0
11/20/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/20/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/20/2017	COPMT2_2_SOLAR2	SCE	CAISO System	0.2	market optimization	0.0
11/20/2017	COPMT4_2_SOLAR4	SCE	CAISO System	0.2	market optimization	0.0
11/20/2017	COPMTN_2_CM10	SCE	CAISO System	0.7	market optimization	0.0
11/20/2017	CPVERD_2_SOLAR	SDGE	San Diego-IV	92.5	market optimization	0.0
11/20/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	market optimization	0.0
11/20/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
11/20/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	19.3	market optimization	0.0
11/20/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/20/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/20/2017	REDBLF_6_UNIT	PGAE	CAISO System	5.6	market optimization	0.0

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11/20/2017	SUNSHN_2_LNDFL	PGAE	Big Creek-Ventura	9.4	market optimization	0.0
11/20/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.0	market optimization	0.0
11/20/2017	TULLCK_7_UNITS	NCPA	Stockton	6.0	market optimization	0.0
11/21/2017	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
11/21/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	44.0	market optimization	0.0
11/21/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	356.6	market optimization	0.0
11/21/2017	BUCKBL_2_PL1X3_C5	SCE	CAISO System	410.4	market optimization	0.0
11/21/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/21/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/21/2017	COPMT2_2_SOLAR2	SCE	CAISO System	0.9	market optimization	0.0
11/21/2017	COPMT4_2_SOLAR4	SCE	CAISO System	0.6	market optimization	0.0
11/21/2017	COPMTN_2_CM10	SCE	CAISO System	1.3	market optimization	0.0
11/21/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	46.0	market optimization	0.0
11/21/2017	ELCAJN_6_UNITA1_CT2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/21/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
11/21/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
11/21/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	23.8	market optimization	0.0
11/21/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/21/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/21/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.1	market optimization	0.0
11/21/2017	PNCHEG_2_PL1X4_4	PGAE	CAISO System	20.0	market optimization	0.0
11/21/2017	REDBLF_6_UNIT	PGAE	CAISO System	5.6	market optimization	0.0
11/21/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/21/2017	SMRCOS_6_LNDFIL	SDGE	San Diego-IV	0.1	market optimization	0.0
11/21/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.7	market optimization	0.0
11/21/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/21/2017	WEBER_6_FORWRD	PGAE	Stockton	4.0	market optimization	0.0
11/21/2017	WOLFSK_1_UNITA1	PGAE	CAISO System	20.0	market optimization	0.0

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11/22/2017	ANZA_6_SOLAR1	SDGE		2.6	market optimization	0.0
11/22/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	48.0	market optimization	0.0
11/22/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/22/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/22/2017	COPMT2_2_SOLAR2	SCE	CAISO System	28.4	market optimization	0.0
11/22/2017	COPMT4_2_SOLAR4	SCE	CAISO System	0.9	market optimization	0.0
11/22/2017	COPMTN_2_CM10	SCE	CAISO System	2.1	market optimization	0.0
11/22/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
11/22/2017	ELCAJN_6_UNITA1_CT2	SDGE	San Diego-IV	10.0	market optimization	0.0
11/22/2017	ESCND0_6_UNITB1_2X1	SDGE	San Diego-IV	4.0	market optimization	0.0
11/22/2017	ETIWND_6_GRPLND	SCE	LA Basin	47.4	market optimization	0.0
11/22/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/22/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
11/22/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	24.6	market optimization	0.0
11/22/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/22/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/22/2017	PADUA_2_ONTARO	SCE	LA Basin	0.8	market optimization	0.0
11/22/2017	PEABDY_2_LNDFIL	PGAE	CAISO System	0.1	market optimization	0.0
11/22/2017	PEABDY_2_LNDFL1	PGAE	CAISO System	1.1	market optimization	0.0
11/22/2017	PIOPIC_2_CTG1	SDGE	San Diego-IV	6.7	market optimization	0.0
11/22/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
11/22/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	7.9	market optimization	0.0
11/22/2017	REDBLF_6_UNIT	PGAE	CAISO System	5.6	market optimization	0.0
11/22/2017	RVSIDE_2_RERCU3	RVSD	LA Basin	0.6	market optimization	0.0
11/22/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/22/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.2	market optimization	0.0
11/22/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
11/22/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/22/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0

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11/22/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
11/22/2017	WOLFSK_1_UNITA1	PGAE	CAISO System	46.9	market optimization	0.0
11/23/2017	ANAHM_2_CANYN1	ANHM	LA Basin	3.0	market optimization	0.0
11/23/2017	ANZA_6_SOLAR1	SDGE		2.6	market optimization	0.0
11/23/2017	BARRE_6_PEAKER	SCE	LA Basin	47.0	market optimization	0.0
11/23/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	48.0	market optimization	0.0
11/23/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	169.9	market optimization	0.0
11/23/2017	BUCKBL_2_PL1X3_C5	SCE	CAISO System	65.0	market optimization	0.0
11/23/2017	BUTTVL_7_UNIT 1	PGAE	CAISO System	10.0	market optimization	0.0
11/23/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/23/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/23/2017	COPMT2_2_SOLAR2	SCE	CAISO System	0.1	market optimization	0.0
11/23/2017	COPMT4_2_SOLAR4	SCE	CAISO System	0.3	market optimization	0.0
11/23/2017	COPMTN_2_CM10	SCE	CAISO System	2.4	market optimization	0.0
11/23/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
11/23/2017	ELCAJN_6_UNITA1_CT2	SDGE	San Diego-IV	45.4	market optimization	0.0
11/23/2017	ESCND0_6_UNITB1_2X1	SDGE	San Diego-IV	4.0	market optimization	0.0
11/23/2017	HNTGBH_7_UNIT 1_C2	SCE	LA Basin	31.5	market optimization	0.0
11/23/2017	HNTGBH_7_UNIT 2_C1	SCE	LA Basin	20.0	market optimization	0.0
11/23/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	24.6	market optimization	0.0
11/23/2017	MIRLOM_6_PEAKER	SCE	LA Basin	46.0	market optimization	0.0
11/23/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/23/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/23/2017	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	19.7	market optimization	0.0
11/23/2017	PEABDY_2_LNDFL1	PGAE	CAISO System	1.1	market optimization	0.0
11/23/2017	PIOPIC_2_CTG1	SDGE	San Diego-IV	6.2	market optimization	0.0
11/23/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
11/23/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.2	market optimization	0.0
11/23/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0

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11/23/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
11/24/2017	ANZA_6_SOLAR1	SDGE		2.3	market optimization	0.0
11/24/2017	BUCKBL_2_PL1X3_C1	SCE	CAISO System	196.0	market optimization	0.0
11/24/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	356.6	market optimization	0.0
11/24/2017	BUTTVL_7_UNIT 1	PGAE	CAISO System	36.0	market optimization	0.0
11/24/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/24/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/24/2017	COPMT2_2_SOLAR2	SCE	CAISO System	3.4	market optimization	0.0
11/24/2017	COPMT4_2_SOLAR4	SCE	CAISO System	29.0	market optimization	0.0
11/24/2017	COPMTN_2_CM10	SCE	CAISO System	2.4	market optimization	0.0
11/24/2017	CPVERD_2_SOLAR	SDGE	San Diego-IV	97.3	market optimization	0.0
11/24/2017	ESQUON_6_LNDFIL	PGAE	CAISO System	2.1	market optimization	0.0
11/24/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
11/24/2017	HNTGBH_7_UNIT 1_C2	SCE	LA Basin	2.0	market optimization	0.0
11/24/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	3.2	market optimization	0.0
11/24/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	5.7	market optimization	0.0
11/24/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	23.8	market optimization	0.0
11/24/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/24/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/24/2017	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	17.5	market optimization	0.0
11/24/2017	PNCHEG_2_PL1X4_4	PGAE	CAISO System	20.0	market optimization	0.0
11/24/2017	RVSIDE_2_RERCU3	RVSD	LA Basin	0.6	market optimization	0.0
11/24/2017	RVSIDE_2_RERCU4	RVSD	LA Basin	0.5	market optimization	0.0
11/24/2017	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
11/24/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.1	market optimization	0.0
11/24/2017	WALCRK_2_CTG1	SCE	LA Basin	0.4	market optimization	0.0
11/24/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
11/24/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
11/25/2017	ANZA_6_SOLAR1	SDGE		1.6	market optimization	0.0

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11/25/2017	BORDER_6_UNITA1_2X1	SDGE	San Diego-IV	44.0	market optimization	0.0
11/25/2017	BUTTVL_7_UNIT 1	PGAE	CAISO System	36.0	market optimization	0.0
11/25/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/25/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/25/2017	COPMT2_2_SOLAR2	SCE	CAISO System	3.5	market optimization	0.0
11/25/2017	COPMT4_2_SOLAR4	SCE	CAISO System	27.4	market optimization	0.0
11/25/2017	COPMTN_2_CM10	SCE	CAISO System	2.0	market optimization	0.0
11/25/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
11/25/2017	GARNET_2_HYDRO	SCE	LA Basin	0.8	market optimization	0.0
11/25/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
11/25/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	11.5	market optimization	0.0
11/25/2017	HUMBPP_6_UNITS_5	PGAE	Humboldt	11.4	market optimization	0.0
11/25/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	21.3	market optimization	0.0
11/25/2017	MIRLOM_6_PEAKEER	SCE	LA Basin	46.0	market optimization	0.0
11/25/2017	MRGT_6_MEF2	SDGE	San Diego-IV	45.0	market optimization	0.0
11/25/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/25/2017	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	15.0	market optimization	0.0
11/25/2017	PNCHEG_2_PL1X4_4	PGAE	CAISO System	20.0	market optimization	0.0
11/25/2017	RVSIIDE_2_RERCU3	RVSD	LA Basin	0.6	market optimization	0.0
11/25/2017	RVSIIDE_2_RERCU4	RVSD	LA Basin	0.5	market optimization	0.0
11/25/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.3	market optimization	0.0
11/25/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/25/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
11/25/2017	WALCRK_2_CTG4	SCE	LA Basin	0.5	market optimization	0.0
11/26/2017	ANAHM_2_CANYN1	ANHM	LA Basin	3.0	market optimization	0.0
11/26/2017	ANZA_6_SOLAR1	SDGE		1.5	market optimization	0.0
11/26/2017	BUTTVL_7_UNIT 1	PGAE	CAISO System	6.5	market optimization	0.0
11/26/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/26/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0

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11/26/2017	COPMT2_2_SOLAR2	SCE	CAISO System	3.2	market optimization	0.0
11/26/2017	COPMT4_2_SOLAR4	SCE	CAISO System	2.2	market optimization	0.0
11/26/2017	COPMTN_2_CM10	SCE	CAISO System	1.9	market optimization	0.0
11/26/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
11/26/2017	HNTGBH_7_UNIT 1_C2	SCE	LA Basin	42.0	market optimization	0.0
11/26/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/26/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
11/26/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
11/26/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	22.0	market optimization	0.0
11/26/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/26/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/26/2017	PALOMR_2_PL1X3_2X1	SDGE	San Diego-IV	57.0	market optimization	0.0
11/26/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	6.2	market optimization	0.0
11/26/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	7.9	market optimization	0.0
11/26/2017	PNCHEG_2_PL1X4_4	PGAE	CAISO System	20.0	market optimization	0.0
11/26/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/27/2017	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
11/27/2017	BOWMN_6_HYDRO	PGAE	Sierra	0.7	market optimization	0.0
11/27/2017	BUTTVL_7_UNIT 1	PGAE	CAISO System	30.0	market optimization	0.0
11/27/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/27/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/27/2017	COPMT2_2_SOLAR2	SCE	CAISO System	1.4	market optimization	0.0
11/27/2017	COPMT4_2_SOLAR4	SCE	CAISO System	5.3	market optimization	0.0
11/27/2017	COPMTN_2_CM10	SCE	CAISO System	1.0	market optimization	0.0
11/27/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
11/27/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/27/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	12.8	market optimization	0.0
11/27/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	market optimization	0.0
11/27/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	4.4	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/27/2017	MSOLAR_2_SOLAR1	SDGE	CAISO System	4.4	market optimization	0.0
11/27/2017	MSOLAR_2_SOLAR3	SDGE	CAISO System	3.9	market optimization	0.0
11/27/2017	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	7.5	market optimization	0.0
11/27/2017	SPICER_1_UNITS	NCPA	CAISO System	2.1	market optimization	0.0
11/27/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.0	market optimization	0.0
11/27/2017	UKIAH_7_LAKEMN	NCPA	NCNB	1.2	market optimization	0.0
11/27/2017	WEBER_6_FORWRD	PGAE	Stockton	4.0	market optimization	0.0
11/28/2017	ANZA_6_SOLAR1	SDGE		1.5	market optimization	0.0
11/28/2017	BOWMN_6_HYDRO	PGAE	Sierra	0.7	market optimization	0.0
11/28/2017	BUCKBL_2_PL1X3_C5	SCE	CAISO System	475.0	market optimization	0.0
11/28/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/28/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/28/2017	COPMT2_2_SOLAR2	SCE	CAISO System	2.7	market optimization	0.0
11/28/2017	COPMT4_2_SOLAR4	SCE	CAISO System	25.5	market optimization	0.0
11/28/2017	COPMTN_2_CM10	SCE	CAISO System	1.8	market optimization	0.0
11/28/2017	CPVERD_2_SOLAR	SDGE	San Diego-IV	18.9	market optimization	0.0
11/28/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
11/28/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
11/28/2017	HATLOS_6_BWDHY1	PGAE	CAISO System	1.1	market optimization	0.0
11/28/2017	HATLOS_6_LSCRK	PGAE	CAISO System	0.1	market optimization	0.0
11/28/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/28/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	6.8	market optimization	0.0
11/28/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
11/28/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	10.9	market optimization	0.0
11/28/2017	MRGT_6_MEF2	SDGE	San Diego-IV	45.0	market optimization	0.0
11/28/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	45.0	market optimization	0.0
11/28/2017	MSOLAR_2_SOLAR1	SDGE	CAISO System	4.4	market optimization	0.0
11/28/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.1	market optimization	0.0
11/28/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	7.9	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/28/2017	PNCHEG_2_PL1X4_4	PGAE	CAISO System	20.0	market optimization	0.0
11/28/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno	5.7	market optimization	0.0
11/28/2017	REDBLF_6_UNIT	PGAE	CAISO System	13.9	market optimization	0.0
11/28/2017	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
11/28/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.2	market optimization	0.0
11/28/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/28/2017	WOLFSK_1_UNITA1	PGAE	CAISO System	46.9	market optimization	0.0
11/28/2017	YUBACT_6_UNITA1	PGAE	Sierra	1.6	market optimization	0.0
11/29/2017	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
11/29/2017	BOWMN_6_HYDRO	PGAE	Sierra	3.5	market optimization	0.0
11/29/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	356.6	market optimization	0.0
11/29/2017	BUCKBL_2_PL1X3_C5	SCE	CAISO System	471.4	market optimization	0.0
11/29/2017	BUTTVL_7_UNIT 1	PGAE	CAISO System	36.0	market optimization	0.0
11/29/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/29/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/29/2017	COPMT2_2_SOLAR2	SCE	CAISO System	2.1	market optimization	0.0
11/29/2017	COPMT4_2_SOLAR4	SCE	CAISO System	17.4	market optimization	0.0
11/29/2017	COPMTN_2_CM10	SCE	CAISO System	0.9	market optimization	0.0
11/29/2017	CPVERD_2_SOLAR	SDGE	San Diego-IV	61.4	market optimization	0.0
11/29/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0
11/29/2017	ESCND0_6_UNITB1_2X1	SDGE	San Diego-IV	4.0	market optimization	0.0
11/29/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.1	market optimization	0.0
11/29/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/29/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	market optimization	0.0
11/29/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	market optimization	0.0
11/29/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
11/29/2017	IVSLRP_2_SOLAR1	SDGE	San Diego-IV	1.5	market optimization	0.0
11/29/2017	MNDALY_7_UNIT 2	SCE	Big Creek-Ventura	50.0	market optimization	0.0

Date	Resource	UDC	Local Area	Non RA MW	Reason	RUC award
11/29/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/29/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/29/2017	MSOLAR_2_SOLAR1	SDGE	CAISO System	2.5	market optimization	0.0
11/29/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.1	market optimization	0.0
11/29/2017	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	15.0	market optimization	0.0
11/29/2017	PEABDY_2_LNDFIL	PGAE	CAISO System	0.1	market optimization	0.0
11/29/2017	PIOPIC_2_CTG2	SDGE	San Diego-IV	9.3	market optimization	0.0
11/29/2017	PIOPIC_2_CTG3	SDGE	San Diego-IV	7.9	market optimization	0.0
11/29/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno	6.3	market optimization	0.0
11/29/2017	PNOCHE_1_UNITA1_2X1	PGAE	Fresno	4.0	market optimization	0.0
11/29/2017	RUSCTY_2_UNITS_2X1DF	PGAE	Bay Area	2.8	market optimization	0.0
11/29/2017	SANLOB_1_LNDFIL	PGAE	CAISO System	1.5	market optimization	0.0
11/29/2017	TRNQLT_2_SOLAR	PGAE	Fresno	0.3	market optimization	0.0
11/29/2017	WALCRK_2_CTG2	SCE	LA Basin	0.0	market optimization	0.0
11/29/2017	WALCRK_2_CTG3	SCE	LA Basin	0.7	market optimization	0.0
11/29/2017	WOLFSK_1_UNITA1	PGAE	CAISO System	46.9	market optimization	0.0
11/29/2017	YUBACT_6_UNITA1	PGAE	Sierra	1.6	market optimization	0.0
11/30/2017	ANZA_6_SOLAR1	SDGE		1.0	market optimization	0.0
11/30/2017	BOWMN_6_HYDRO	PGAE	Sierra	0.7	market optimization	0.0
11/30/2017	BUCKBL_2_PL1X3_C4	SCE	CAISO System	356.6	market optimization	0.0
11/30/2017	BUCKBL_2_PL1X3_C5	SCE	CAISO System	410.0	market optimization	0.0
11/30/2017	BUTTVL_7_UNIT 1	PGAE	CAISO System	18.0	market optimization	0.0
11/30/2017	CALPSS_6_SOLAR1	SDGE		3.0	market optimization	0.0
11/30/2017	CNTNLA_2_SOLAR2	SDGE	San Diego-IV	5.0	market optimization	0.0
11/30/2017	COPMT2_2_SOLAR2	SCE	CAISO System	1.8	market optimization	0.0
11/30/2017	COPMT4_2_SOLAR4	SCE	CAISO System	11.5	market optimization	0.0
11/30/2017	COPMTN_2_CM10	SCE	CAISO System	1.5	market optimization	0.0
11/30/2017	DEERCR_6_UNIT 1	PGAE	Sierra	2.0	market optimization	0.0
11/30/2017	ELCAJN_6_LM6K	SDGE	San Diego-IV	24.9	market optimization	0.0

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11/30/2017	ELCAJN_6_UNITA1_CT2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/30/2017	ESCND0_6_UNITB1_2X1	SDGE	San Diego-IV	4.0	market optimization	0.0
11/30/2017	GRIDLY_6_SOLAR	PGAE	Sierra	0.2	market optimization	0.0
11/30/2017	HUMBPP_1_UNITS3_2	PGAE	Humboldt	4.5	market optimization	0.0
11/30/2017	HUMBPP_1_UNITS3_3	PGAE	Humboldt	10.4	market optimization	0.0
11/30/2017	HUMBPP_1_UNITS3_4	PGAE	Humboldt	9.1	market optimization	0.0
11/30/2017	HUMBPP_6_UNITS_3	PGAE	Humboldt	6.8	market optimization	0.0
11/30/2017	HUMBPP_6_UNITS_4	PGAE	Humboldt	9.1	market optimization	0.0
11/30/2017	MRGT_6_MEF2	SDGE	San Diego-IV	40.0	market optimization	0.0
11/30/2017	MRGT_6_MMAREF	SDGE	San Diego-IV	40.0	market optimization	0.0
11/30/2017	MSOLAR_2_SOLAR1	SDGE	CAISO System	0.9	market optimization	0.0
11/30/2017	MSOLAR_2_SOLAR3	SDGE	CAISO System	0.8	market optimization	0.0
11/30/2017	NOVATO_6_LNDFL	PGAE		3.7	market optimization	0.0
11/30/2017	ORLND_6_SOLAR1	PGAE	CAISO System	0.1	market optimization	0.0
11/30/2017	PALOMR_2_PL1X3_2X1_DF	SDGE	San Diego-IV	15.0	market optimization	0.0
11/30/2017	PNCHEG_2_PL1X4_4	PGAE	CAISO System	20.0	market optimization	0.0
11/30/2017	PNCHPP_1_PL1X2_4	PGAE	Fresno	7.9	market optimization	0.0
11/30/2017	PNOCHE_1_UNITA1_2X1	PGAE	Fresno	4.0	market optimization	0.0
11/30/2017	REDBLF_6_UNIT	PGAE	CAISO System	13.9	market optimization	0.0
11/30/2017	SGREGY_6_SANGER	PGAE	Fresno	2.0	market optimization	0.0
11/30/2017	SNDBAR_7_UNIT 1	PGAE	Stockton	11.5	market optimization	0.0
11/30/2017	SPRGAP_1_UNIT 1	PGAE	Stockton	0.0	market optimization	0.0
11/30/2017	WALCRK_2_CTG2	SCE	LA Basin	0.9	market optimization	0.0
11/30/2017	WALCRK_2_CTG3	SCE	LA Basin	0.2	market optimization	0.0
11/30/2017	WOLFSK_1_UNITA1	PGAE	CAISO System	46.9	market optimization	0.0
11/30/2017	YUBACT_6_UNITA1	PGAE	Sierra	1.6	market optimization	0.0