

Attachment Staff Report Item 12E

ReleaseVersion	ReleaseDate	ID	Note
RDTv3 beta	6/6/2022		
RDTv3 Release	6/15/2022		
RDTv3 Updated	6/20/2022		Minor updates in columns' names
RDTv3 Updated	7/15/2022		Reliability tabs updates & some minor updates to the resource tab
			<ul style="list-style-type: none"> 1)"misc" tab: updated with all ELCC % values and added MRN/TRN ratios 2)"Reliability" tab: added formulas to pull MRN/TRN ratios from the "misc" worksheet; updated formatting for cells H23:J50 and L23:P50 (previously greyed out since results weren't available for those years) 3)"Calcs" tab: updated formulas in columns S:T so that battery contracts with durations greater than or equal to 9 hours will get "8hr_batteries" ELCC%; updated formulas in columns S:T and added formulas in column Y so that battery contracts with durations less than 4 hours will get ("4hr_batteries" ELCC%) * (contract duration) / 4hr
RDTv3 Updated	7/29/2022		<ul style="list-style-type: none"> 1)"resources" tab: updated to include several new resource IDs, remove duplicates, adjust how baseline hybrid/paired resources are characterized, and update some project-specific information 2) "btm_pv_forecast" tab: Added an additional LSE 3)"ReportSheet" tab: new macro generated error flag, <i>Rows with invalid buying_energy_capacity and csp_resource_category</i>; flags contracts with non-storage CSP resources is marked as CapacityOnly and is marked as CSP.
RDTv3 Updated	8/23/2022		4)"ReportSheet" tab: summation now includes contracts that ara both "Buy" and "Owned"
			1) corrects made to macro
RDTv3 Updated	9/23/2022		2) fixes the ELCC type issues for a few generic resources

[This section contains multiple lines of extremely faint, illegible text, likely representing a list or report content.]

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resource	generator_name	MAXGEN	resolve_final_group	BAA_ID	supertype	elcc_type
75TDRD_1_SOLAR1	SHAFTER_SOLAR		20 caiso_solar	CISO	physical	utility_pv
ACACIA_6_SOLAR	WEST_ANTELOPE_SOLAR		20 caiso_solar	CISO	physical	utility_pv
ADELANTO_SOLAR	NAN		10 ldwp_solar	LADWP	physical	utility_pv
ADERA_1_SOLAR1	ADERA_SOLAR		20 caiso_solar	CISO	physical	utility_pv
ADLIN_1_UNITS	GEYSERS_AIDLIN_AGGREGATE		22 caiso_geothermal	CISO	physical	geothermal
ADMEST_6_SOLAR	ADAMS_EAST		19 caiso_solar	CISO	physical	utility_pv
ADOBEE_1_SOLAR	ADOBE_SOLAR		20 caiso_solar	CISO	physical	utility_pv
AGCANA_X_HOOVER	HOOVER_POWER_PLANT		40 caiso_hydro	WALC	specifiedimport	hydro
AGRICO_6_PL3N5	FRESNO_PEAKER		22.69 caiso_peaker1	CISO	physical	gas_ct
AGRICO_7_UNIT	FRESNO_COGEN		49.9 caiso_ccgt2	CISO	physical	gas_cc
AGUCAL_5_SOLAR1	AGUA_CALIENTE_SOLAR		290 caiso_solar	CISO	physical	utility_pv
AKINGS_6_AMESR1	AMERICAN_KINGS_SOLAR		123 caiso_solar	CISO	physical	utility_pv
ALAMIT_2_PL1X3	ALAMITOS_ENERGY_CENTER_UNIT_7		674.7 caiso_ccgt1	CISO	physical	gas_cc
ALAMIT_7_ES1	ALAMITOS_ENERGY_STORAGE		100.45 caiso_li_battery	CISO	physical	hr_batteries
ALAMIT_7_UNIT_3	ALAMITOS_GEN_STA_UNIT_3		326.76 caiso_st	CISO	physical	steam
ALAMIT_7_UNIT_4	ALAMITOS_GEN_STA_UNIT_4		334.43 caiso_st	CISO	physical	steam
ALAMIT_7_UNIT_5	ALAMITOS_GEN_STA_UNIT_5		480 caiso_st	CISO	physical	steam
ALAMO_6_UNIT	ALAMO_POWER_PLANT		17 caiso_hydro	CISO	physical	hydro
ALHMBR_1_ALHSLR	SG_ALHAMBRA		50 iid_solar	IID	specifiedimport	utility_pv
ALLGNY_6_HYDRO1	SALMON_CREEK_HYDROELECTRIC_PROJECT		0.52 caiso_small_hydro	CISO	physical	small_hydro
ALMAS1_2_AL6BT6	MAVERICK6STORAGE		50 caiso_li_battery	CISO	physical	hr_batteries
ALMAS1_2_G51SR1	ALMASOL_GENERATING_STATION_1		125 caiso_solar	CISO	physical	utility_pv
ALMAS1_2_G54SR4	ALMASOL_GENERATING_STATION_4		100 caiso_solar	CISO	physical	utility_pv
ALMAS1_2_G56SR6	ALMASOL_GENERATING_STATION_6		100 caiso_solar	CISO	physical	utility_pv
ALMAS1_2_G57SR7	ALMASOL_GENERATING_STATION_7		132 caiso_solar	CISO	physical	utility_pv
ALMEGT_1_UNIT_1	ALAMEDA_GT_UNIT_1		25 caiso_peaker2	CISO	physical	gas_ct
ALMEGT_1_UNIT_2	ALAMEDA_GT_UNIT_2		25 caiso_peaker2	CISO	physical	gas_ct
ALPSLR_1_NTHSLR	ALPAUGH_NORTH_LLC		20 caiso_solar	CISO	physical	utility_pv
ALPSLR_1_SPSLR	ALPAUGH_50_LLC		50 caiso_solar	CISO	physical	utility_pv
ALT6DN_2_WIND7	PINYON_PINES_1		164.31 caiso_wind	CISO	physical	in_state_wind_south
ALT6DS_2_WIND9	PINYON_PINES_2		132 caiso_wind	CISO	physical	in_state_wind_south
ALTA3A_2_CPE4	ALTA_WIND_4		102 caiso_wind	CISO	physical	in_state_wind_south
ALTA3A_2_CPE5	ALTA_WIND_5		168 caiso_wind	CISO	physical	in_state_wind_south
ALTA3A_2_CPE8	ALTA_WIND_8		150 caiso_wind	CISO	physical	in_state_wind_south
ALTA4A_2_CPCW1	ALTA_WIND_1		150 caiso_wind	CISO	physical	in_state_wind_south
ALTA4B_2_CPCW2	ALTA_WIND_2		150 caiso_wind	CISO	physical	in_state_wind_south
ALTA4B_2_CPCW3	ALTA_WIND_3		150 caiso_wind	CISO	physical	in_state_wind_south
ALTA4B_2_CPCW6	MUSTANG_HILLS		150 caiso_wind	CISO	physical	in_state_wind_south
ALTA6B_2_WIND11	ALTA_WIND_11		88.15 caiso_wind	CISO	physical	in_state_wind_south
ALTA6E_2_WIND10	ALTA_WIND_10		134.84 caiso_wind	CISO	physical	in_state_wind_south
ALTGASSTORAGE	NAN		40 caiso_li_battery	CISO	physical	hr_batteries
ALTWD_1_QF	NAN		28.84 caiso_wind	CISO	physical	in_state_wind_south
ALTWD_2_AT3WD3	ALTECH_3		9.8 caiso_wind	CISO	physical	in_state_wind_south
ALTWD_2_COAWD1	COACHELLA_1		50.4 caiso_wind	CISO	physical	in_state_wind_south
ANAHM_2_CANYN1	CANYON_POWER_PLANT_UNIT_1		49.4 caiso_peaker1	CISO	physical	gas_ct
ANAHM_2_CANYN2	CANYON_POWER_PLANT_UNIT_2		49.4 caiso_peaker1	CISO	physical	gas_ct
ANAHM_2_CANYN3	CANYON_POWER_PLANT_UNIT_3		49.4 caiso_peaker1	CISO	physical	gas_ct
ANAHM_2_CANYN4	CANYON_POWER_PLANT_UNIT_4		49.4 caiso_peaker1	CISO	physical	gas_ct
ANAHM_7_CT	NAN		40.64 caiso_peaker1	CISO	physical	gas_ct
ANTLPE_2_QF	ANTELOPE QFS		4 caiso_wind	CISO	physical	in_state_wind_south
ANZA_6_SOLAR1	SEVILLE SOLAR ONE		20 iid_solar	IID	specifiedimport	utility_pv
APEX_CC	NAN		538.7 ldwp_ccgt	LADWP	physical	gas_cc
APLHIL_1_SFKHY1	SOUTH FORK POWERHOUSE		2.68 caiso_hydro	CISO	physical	hydro
APLHIL_1_SLABCK	SLAB CREEK HYDRO		1 caiso_small_hydro	CISO	physical	small_hydro
AQUAWS_2_AQWSR1	Aquamarine Westside		250 caiso_solar	CISO	physical	utility_pv
ARATINASOLAR	NAN		150 caiso_solar	CISO	physical	utility_pv
ARATINASTORAGE	NAN		50 caiso_li_battery	CISO	physical	hr_batteries
ARBWD_6_QF	WIND RESOURCE II		19.95 caiso_wind	CISO	physical	in_state_wind_south
ARCOGN_2_UNITS	WATSON COGENERATION		416.6 caiso_chp	CISO	physical	cogen
ARKANS_1_ARKSLR	SG ARKANSAS		50 iid_solar	IID	specifiedimport	utility_pv
ARLINT_5_SCEDYN	ARLINGTON VALLEY CC		565 SW_CCGT	AZPS	specifiedimport	gas_cc
ARLNTN_2_AR1SR1	Arlington		100 caiso_solar	CISO	physical	utility_pv
ARLNTN_2_ASUSR1	Arlington Solar 1		131 caiso_solar	CISO	physical	utility_pv
ARLVAL_5_SOLAR	ARLINGTON VALLEY SOLAR ENERGY II		127 caiso_solar	SRP	specifiedimport	utility_pv
ARVINN_6_ORION1	ORION 1 SOLAR		12 caiso_solar	CISO	physical	utility_pv
ARVINN_6_ORION2	ORION 2 SOLAR		8 caiso_solar	CISO	physical	utility_pv
ASTORA_2_SOLAR1	ASTORIA 1		100 caiso_solar	CISO	physical	utility_pv
ASTORA_2_SOLAR2	ASTORIA 2		75 caiso_solar	CISO	physical	utility_pv
ATHOS_5_AP1X2	INTERSECTSOLAR		250 caiso_solar	CISO	physical	utility_pv
ATHOS_5_AP2X2	Athos Power Plant 2		200 caiso_solar	CISO	physical	utility_pv
ATWELL_2_SOLAR1	ATWELL WEST		20 caiso_solar	CISO	physical	utility_pv
ATWELL_1_SOLAR	ATWELL ISLAND PV SOLAR GENERATING FAC		20 caiso_solar	CISO	physical	utility_pv
AVENAL_6_AVSPARK	AVENAL PARK SOLAR PROJECT		6 caiso_solar	CISO	physical	utility_pv
AVENAL_6_AVSLR1	AVENAL SOLAR 1		7.9 caiso_solar	CISO	physical	utility_pv
AVENAL_6_AVSLR2	AVENAL SOLAR 2		7.9 caiso_solar	CISO	physical	utility_pv
AVENAL_6_SANDDG	SAND DRAG SOLAR PROJECT		19 caiso_solar	CISO	physical	utility_pv
AVENAL_6_SUNCTY	SUN CITY SOLAR PROJECT		20 caiso_solar	CISO	physical	utility_pv
AVSOLR_2_SOLAR	AV SOLAR RANCH 1		241.5 caiso_solar	CISO	physical	utility_pv
AZALEASOLAR	NAN		60 caiso_solar	CISO	physical	utility_pv
AZALEASTORAGE	NAN		38 caiso_li_battery	CISO	physical	hr_batteries
BAHIA_2_LKHSR1	LAKE HERMAN SOLAR		5 caiso_solar	CISO	physical	utility_pv
BALCHS_7_UNIT 1	BALCH 1 PH UNIT 1		31 caiso_hydro	CISO	physical	hydro
BALCHS_7_UNIT 2	BALCH 2 PH UNIT 2		52.5 caiso_hydro	CISO	physical	hydro
BALCHS_7_UNIT 3	BALCH 2 PH UNIT 3		54.6 caiso_hydro	CISO	physical	hydro
BANGOR_6_HYDRO	VIRGINIA RANCH DAM POWERPLANT		1 caiso_small_hydro	CISO	physical	small_hydro
BANKPP_2_NSPIN	BANKPP_2_NSPIN		270 caiso_pumped_hydro	CISO	physical	pumped_storage
BARRE_2_QF	BARRE QFS		0.2 caiso_small_hydro	CISO	physical	small_hydro
BARRE_6_PEAKER	BARRE PEAKER		47 caiso_peaker1	CISO	physical	gas_ct
BASIC2_2_UNITS	KING CITY COGEN		120 caiso_chp	CISO	physical	cogen
BCTSYS_5_PWXDYN	BCTSYS_5_PWXDYN		428 caiso_hydro	BPAT	specifiedimport	hydro
BGDRCK_1_UNITS	BADGER CREEK LIMITED		48.08 caiso_peaker1	CISO	physical	gas_ct
BEACON_SOLAR_B	NAN		125 ldwp_solar	LADWP	physical	utility_pv
BEARDS_7_UNIT 1	BEARDSLEY HYDRO		11.5 caiso_hydro	CISO	physical	hydro
BEARMT_1_UNIT	BEAR MOUNTAIN LIMITED		49.21 caiso_peaker2	CISO	physical	gas_ct
BEJNLS_5_BV2SCEDYN	BROADVIEW 2		167 caiso_wind	AZPS	specifiedimport	out_of_state_wind_AZNM
BEKWS_5_BV1SCEDYN	BROADVIEW 1		130 caiso_wind	AZPS	specifiedimport	out_of_state_wind_AZNM
BELDEN_7_UNIT 1	BELDEN HYDRO		119 caiso_hydro	CISO	physical	hydro
BELLEVUESOLARINV1	NAN		1.6 caiso_solar	CISO	physical	utility_pv
BGSKYN_2_AS2SR1	ANTELOPE SOLAR 2		105 caiso_solar	CISO	physical	utility_pv
BGSKYN_2_ASPSR2	ANTELOPE SOLAR 2 SAN PABLO		100 caiso_solar	CISO	physical	utility_pv

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BGSKYN_2_ASSR1B	Antelope Solar 1B	17	caiso_solar	CISO	physical	utility_pv
BGSKYN_2_ASSR3A	ANTELOPE SOLAR 3A	15	caiso_solar	CISO	physical	utility_pv
BGSKYN_2_ASSR3B	ANTELOPE SOLAR 3B	5	caiso_solar	CISO	physical	utility_pv
BGSKYN_2_BS3SR3	BIG SKY SOLAR 3	20	caiso_solar	CISO	physical	utility_pv
BIGBEAUSTORAGE	NAN	40	caiso_li_battery	CISO	physical	hr_batteries
BIGCRK_2_EXESWD	BIG CREEK HYDRO PROJECT PSP	820	caiso_hydro	CISO	physical	hydro
BIGCRK_7_DAM7	DAM 7 AT BIG CREEK (FISHWATER GEN)	0.3	caiso_hydro	CISO	physical	hydro
BIGCRK_7_MAMRES	MAMMOTH POOL RESERVOIR (FISHWATER)	1.25	caiso_small_hydro	CISO	physical	small_hydro
BIGSKY_2_AS2BT1	Antelope Solar 2 LAB	127	caiso_li_battery	CISO	physical	hr_batteries
BIGSKY_2_AS1BT2	ANTELOPE SOLAR 2 LUNA	100	caiso_li_battery	CISO	physical	hr_batteries
BIGSKY_2_BSKSR6	BIG SKY SOLAR 6	20	caiso_solar	CISO	physical	utility_pv
BIGSKY_2_BSKSR7	BIG SKY SOLAR 7	20	caiso_solar	CISO	physical	utility_pv
BIGSKY_2_BSKSR8	BIG SKY SOLAR 8	20	caiso_solar	CISO	physical	utility_pv
BIGSKY_2_SOLAR1	ANTELOPE BIG SKY RANCH	20	caiso_solar	CISO	physical	utility_pv
BIGSKY_2_SOLAR2	BIG SKY SOLAR 4	40	caiso_solar	CISO	physical	utility_pv
BIGSKY_2_SOLAR3	BIG SKY SUMMER	20	caiso_solar	CISO	physical	utility_pv
BIGSKY_2_SOLAR4	WESTERN ANTELOPE BLUE SKY RANCH B	20	caiso_solar	CISO	physical	utility_pv
BIGSKY_2_SOLAR5	BIG SKY SOLAR 2	5	caiso_solar	CISO	physical	utility_pv
BIGSKY_2_SOLAR6	SOLVERDE 1	85	caiso_solar	CISO	physical	utility_pv
BIGSKY_2_SOLAR7	BIG SKY SOLAR 1	50	caiso_solar	CISO	physical	utility_pv
BIGSKY1	NAN	0.75	caiso_biomass	CISO	physical	biomass_wood
BIGSKY2	NAN	0.75	caiso_biomass	CISO	physical	biomass_wood
BIOMAS_1_UNIT 1	WOODLAND BIOMASS	25.5	caiso_biomass	CISO	physical	biomass_wood
BIOMASSONEGE1	NAN	14.4	caiso_biomass	CISO	physical	biomass_wood
BISHOP_1_ALAMO	BISHOP CREEK PLANT 2 AND 6	13.4	caiso_small_hydro	CISO	physical	small_hydro
BISHOP_1_UNITS	BISHOP CREEK PLANT 3 AND 4	15.8	caiso_small_hydro	CISO	physical	small_hydro
BKRFLD_2_SOLAR1	BAKERSFIELD 111	1.38	caiso_solar	CISO	physical	utility_pv
BLACK_7_UNIT 1	JAMES B. BLACK 1	85	caiso_hydro	CISO	physical	hydro
BLACK_7_UNIT 2	JAMES B. BLACK 2	84.1	caiso_hydro	CISO	physical	hydro
BLACK_WALNUT	NAN	15	caiso_li_battery	CISO	physical	hr_batteries
BLAST_1_WIND	MOUNTAIN VIEW IV WIND	49	caiso_wind	CISO	physical	in_state_wind_south
BLCKBT_2_STONEY	BLACK BUTTE HYDRO	6.2	caiso_small_hydro	CISO	physical	small_hydro
BLCKWL_6_SOLAR1	BLACKWELL SOLAR	12	caiso_solar	CISO	physical	utility_pv
BLKCRK_2_GMCBT1	GENESIS MCCOY BESS	230	caiso_li_battery	CISO	physical	hr_batteries
BLKCRK_2_SOLAR1	MCCOY STATION	250	caiso_solar	CISO	physical	utility_pv
BLKDIA_2_DBEBT1	BLACK DIAMOND ENERGY STORAGE	200	caiso_li_battery	CISO	physical	hr_batteries
BLM_W_2_COSBT1	COSOSTORAGE	60	caiso_li_battery	CISO	physical	hr_batteries
BLM_2_UNITS	BLM EAST FACILITY	72	caiso_geothermal	CISO	physical	geothermal
BLUE_MOUNTAIN_ELECTRIC_COMPANY	NAN	3	caiso_biomass	CISO	physical	biomass_wood
BLULKE_6_BLUELK	NAN	12	caiso_biomass	CISO	physical	biomass_wood
BLYTHE_1_SOLAR1	BLYTHE SOLAR 1 PROJECT	21	caiso_solar	CISO	physical	utility_pv
BLYTHE_1_SOLAR2	BLYTHE GREEN 1	20	caiso_solar	CISO	physical	utility_pv
BLYTHESTORAGE1	NAN	63	caiso_li_battery	CISO	physical	hr_batteries
BNNIEN_7_ALTAPH	ALTA POWER HOUSE	1	caiso_small_hydro	CISO	physical	small_hydro
BOGUE_1_UNITA1	FEATHER RIVER ENERGY CENTER, UNIT #1	47.6	caiso_peaker1	CISO	physical	gas_ct
BORDER_6_UNITA1	NIDPEAK POWER BORDER UNIT 1	51.25	caiso_peaker2	CISO	physical	gas_ct
BOWMN_6_HYDRO	CAL HYDRO BOWMAN POWERHOUSE	3.6	caiso_small_hydro	CISO	physical	small_hydro
BRDGLV_7_BAKER	BAKER STATION HYDRO	1.49	caiso_small_hydro	CISO	physical	small_hydro
BRDSL_2_HIWIND	HIGH WINDS ENERGY CENTER	162	caiso_wind	CISO	physical	in_state_wind_north
BRDSL_2_MITZUM2	NEXTERA ENERGY MONTEZUMA WIND II	78.2	caiso_wind	CISO	physical	in_state_wind_north
BRDSL_2_MITZUMA	FPL ENERGY MONTEZUMA WIND	36.8	caiso_wind	CISO	physical	in_state_wind_north
BRDSL_2_SHILO1	SHILOH I WIND PROJECT	150	caiso_wind	CISO	physical	in_state_wind_north
BRDSL_2_SHILO2	SHILOH WIND PROJECT 2	150	caiso_wind	CISO	physical	in_state_wind_north
BRDSL_2_SHLO3A	SHILOH III WIND PROJECT, LLC	102.5	caiso_wind	CISO	physical	in_state_wind_north
BRDSL_2_SHLO3B	SHILOH IV WIND PROJECT	100	caiso_wind	CISO	physical	in_state_wind_north
BREGGO_6_DEGRSL	DESERT GREEN SOLAR FARM	6.3	caiso_solar	CISO	physical	utility_pv
BREGGO_6_SOLAR	NRG BORREGO SOLAR ONE	26	caiso_solar	CISO	physical	utility_pv
BRODIE_2_WIND	CORAM BRODIE WIND PROJECT	102	caiso_wind	CISO	physical	in_state_wind_south
BUCKBL_2_PL1X3	BLYTHE ENERGY CENTER	493.63	caiso_ccg2	CISO	physical	gas_cc
BUCKCK_2_HYDRO	LASSEN STATION HYDRO	0.99	caiso_small_hydro	CISO	physical	small_hydro
BUCKCK_7_OAKFLT	OAK FLAT	1.3	caiso_small_hydro	CISO	physical	small_hydro
BUCKCK_7_PL1X2	BUCKS CREEK AGGREGATE	57.25	caiso_hydro	CISO	physical	hydro
BUCKWD_1_NPALM1	NORTH PALM SPRINGS 1A	2.4	caiso_solar	CISO	physical	utility_pv
BUCKWD_1_QF	BUCKWIND RE-POWERING PROJECT	16.5	caiso_wind	CISO	physical	in_state_wind_south
BUCKWD_7_WINTCV	WINTEC ENERGY, LTD.	1.32	caiso_wind	CISO	physical	in_state_wind_south
BURNFY_2_UNIT 1	BURNEY FOREST POWER	29	caiso_biomass	CISO	physical	biomass_wood
BUTTVL_7_UNIT 1	BUTT VALLEY HYDRO	39.5	caiso_hydro	CISO	physical	hydro
CABALO_2_M2BSR1	MUSTANG 2 BARBARO SOLAR	50	caiso_solar	CISO	physical	utility_pv
CABALO_2_M2WSR2	MUSTANG 2 WHIRLAWAY SOLAR	100	caiso_solar	CISO	physical	utility_pv
CABZON_1_WINDA1	CABAZON WIND PROJECT	41	caiso_wind	CISO	physical	in_state_wind_south
CALFTN_2_CFSBT1	California Flats Storage	60	caiso_li_battery	CISO	physical	hr_batteries
CALFTN_2_SOLAR	CALIFORNIA FLATS NORTH	130	caiso_solar	CISO	physical	utility_pv
CALFTS_2_CFSR1	CALIFORNIA FLATS SOLAR SOUTH	150	caiso_solar	CISO	physical	utility_pv
CALGEN_1_UNITS	COSO NAVY 1	80	caiso_geothermal	CISO	physical	geothermal
CALPIN_1_AGNEW	AGNEWS POWER PLANT	28.56	caiso_ccg1	CISO	physical	gas_cc
CALPSS_6_SOLAR1	CALIPATRIA SOLAR FARM	19.9	iid_solar	IID	specifiedimport	utility_pv
CAMCHE_1_PL1X3	CAMANACHE UNITS 1, 2 & 3 AGGREGATE	9.99	caiso_hydro	CISO	physical	hydro
CAMDEN_6_RDDBM1	RUANN DAIRY DIGESTER BIOMAT	0.55	caiso_biomass	CISO	physical	biomass_wood
CAMERON	NAN	2.4	caiso_solar	CISO	physical	utility_pv
CAML0T_2_SOLAR1	CAMELOT	45	caiso_solar	CISO	physical	utility_pv
CAML0T_2_SOLAR2	COLUMBIA TWO	15	caiso_solar	CISO	physical	utility_pv
CAMPFW_7_FARWST	CAMP FAR WEST HYDRO	8	caiso_small_hydro	CISO	physical	small_hydro
CANTUA_1_SOLAR	CANTUA SOLAR STATION	20	caiso_solar	CISO	physical	utility_pv
CAPWD_1_QF	EDOM HILLS WIND FARM	19.55	caiso_wind	CISO	physical	in_state_wind_south
CARBOU_7_PL2X3	CARIBOU PH 1 UNIT 2 & 3 AGGREGATE	49	caiso_hydro	CISO	physical	hydro
CARBOU_7_PL4X5	CARIBOU PH 2 UNIT 4 & 5 AGGREGATE	120	caiso_hydro	CISO	physical	hydro
CARBOU_7_UNIT 1	CARIBOU PH 1 UNIT 1	24	caiso_hydro	CISO	physical	hydro
CARGILLB6BIO1	NAN	1.1	caiso_biomass	CISO	physical	biomass_wood
CARGILLB6BIO2	NAN	1.1	caiso_biomass	CISO	physical	biomass_wood
CARLS1_2_CARCT1	CARLSBAD 1	422	caiso_peaker1	CISO	physical	gas_ct
CARLS2_1_CARCT1	CARLSBAD 2	105.5	caiso_peaker1	CISO	physical	gas_ct
CARSON_ICE_CC	NAN	62.7	banc_ccg1	BANC	physical	gas_cc
CARSON_ICE_PEAKER	NAN	42	banc_peaker	BANC	physical	gas_ct
CASADB_1_CD4GT1	NAN	40	caiso_geothermal	CISO	physical	geothermal
CASCADESTORAGE	NAN	25	caiso_li_battery	CISO	physical	hr_batteries
CASTAIC_1	NAN	240	ldwp_pumped_hydro	LADWP	physical	pumped_storage
CASTAIC_2	NAN	250	ldwp_pumped_hydro	LADWP	physical	pumped_storage
CASTAIC_3	NAN	240	ldwp_pumped_hydro	LADWP	physical	pumped_storage
CASTAIC_4	NAN	240	ldwp_pumped_hydro	LADWP	physical	pumped_storage
CASTAIC_5	NAN	240	ldwp_pumped_hydro	LADWP	physical	pumped_storage
CASTAIC_6	NAN	250	ldwp_pumped_hydro	LADWP	physical	pumped_storage

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CASTVL_2_FCELL	NAN	1.4	caiso_biomass	CISO	physical	biomass_wood
CATLNA_2_SOLAR	CATALINA SOLAR - PHASES 1 AND 2	110	caiso_solar	CISO	physical	utility_pv
CATLNA_2_SOLAR2	CATALINA SOLAR 2	18	caiso_solar	CISO	physical	utility_pv
CAVLSR_2_BSOLAR	CALIFORNIA VALLEY SOLAR RANCH-PHASE B	40	caiso_solar	CISO	physical	utility_pv
CAVLSR_2_RSOLAR	CALIFORNIA VALLEY SOLAR RANCH-PHASE A	210	caiso_solar	CISO	physical	utility_pv
CAYTNO_2_VASCO	VASCO ROAD	4.3	caiso_biomass	CISO	physical	biomass_wood
CDWRO7_2_GEN	CDWRO7_2_GEN	415.3	caiso_pumped_hydro	CISO	physical	pumped_storage
CEDRCK_6_UNIT	WATER WHEEL RANCH	0.98	caiso_small_hydro	CISO	physical	small_hydro
CEUCR_2_SOLAR1	DUCOR SOLAR 1	20	caiso_solar	CISO	physical	utility_pv
CEUCR_2_SOLAR2	DUCOR SOLAR 2	20	caiso_solar	CISO	physical	utility_pv
CEUCR_2_SOLAR3	DUCOR SOLAR 3	15	caiso_solar	CISO	physical	utility_pv
CEUCR_2_SOLAR4	DUCOR SOLAR 4	20	caiso_solar	CISO	physical	utility_pv
CENT40_1_C40SR1	CENTRAL 40	40	caiso_solar	CISO	physical	utility_pv
CENTER_2_RHONDO	MWD RIO HONDO HYDROELECTRIC RECOVERI	1.91	caiso_hydro	CISO	physical	hydro
CENTER_2_SOLAR1	PICO RIVERA	0.9	caiso_solar	CISO	physical	utility_pv
CENTER_2_TECNG1	TECHNICAST	0.99	caiso_chp	CISO	physical	cogen
CENTER_6_PEAKEAR	CENTER PEAKER	47.11	caiso_peaker1	CISO	physical	gas_ct
CENTRY_6_PL1X4	CENTURY GENERATING PLANT (AGGREGATE)	41.4	caiso_peaker1	CISO	physical	gas_ct
CHALANSOLAR	NAN	64.9	caiso_solar	CISO	physical	utility_pv
CHALANSTORAGE	NAN	25	caiso_li_battery	CISO	physical	hr_batteries
CHALK_1_UNIT	CHALK CLIFF LIMITED	48.67	caiso_peaker2	CISO	physical	gas_ct
CHARMN_2_PGONG1	PROCTER AND GAMBLE OXNARD I	19.87	caiso_chp	CISO	physical	cogen
CHEVCO_6_UNIT	CHEVRON USA (TAFT/CADET)	11.5	caiso_chp	CISO	physical	cogen
CHEVCO_6_UNIT 1	CHEVRON USA (COALINGA)	16.5	caiso_chp	CISO	physical	cogen
CHEVCO_6_UNIT 2	AERA ENERGY LLC. (COALINGA)	8.5	caiso_chp	CISO	physical	cogen
CHEVCY_1_UNIT	CHEVRON USA (CYMRIC)	24.3	caiso_chp	CISO	physical	cogen
CHEVMN_2_UNITS	CHEVRON U.S.A. UNITS 1 & 2 AGGREGATE	124.87	caiso_chp	CISO	physical	cogen
CHICPK_7_UNIT 1	CHICAGO PARK POWERHOUSE	42	caiso_hydro	CISO	physical	hydro
CHILLS_1_SYCENG	SYCAMORE ENERGY 1	1.5	caiso_biomass	CISO	physical	biomass_wood
CHILLS_7_UNITA1	SYCAMORE ENERGY 2	2.25	caiso_biomass	CISO	physical	biomass_wood
CHINO_2_APEBT1	POMONA ENERGY STORAGE	20	caiso_li_battery	CISO	physical	hr_batteries
CHINO_2_JURUPA	JURUPA	1.5	caiso_solar	CISO	physical	utility_pv
CHINO_2_QF	CHINO QFS	0.19	caiso_biomass	CISO	physical	biomass_wood
CHINO_2_SASOLR	SS SAN ANTONIO WEST LLC	1.5	caiso_solar	CISO	physical	utility_pv
CHINO_2_SOLAR	CHINO RT SOLAR 1	1	caiso_solar	CISO	physical	utility_pv
CHINO_2_SOLAR2	KONA SOLAR - TERRA FRANCESCA	1.49	caiso_solar	CISO	physical	utility_pv
CHINO_6_CIMGEN	CHINO CO-GENERATION	26	caiso_chp	CISO	physical	cogen
CHINO_6_SMPAPP	NAN	44	caiso_peaker2	CISO	physical	gas_ct
CHINO_7_MILIKN	MN MILLIKEN GENCO LLC	1.9	caiso_biomass	CISO	physical	biomass_wood
CHWCHL_1_BIOMAS	CHOW II BIOMASS TO ENERGY	10.8	caiso_biomass	CISO	physical	biomass_wood
CHWCHL_1_UNIT	CHOW 2 PEAKER PLANT	48.6	caiso_reciprocating_engine	CISO	physical	ice
CLINESCO_3_PVDYN	CLINES CORNERS	129.94	caiso_wind	PNM	specifiedimport	out_of_state_wind_AZNM
CLINESCO_3_WBDYN	CLINES CORNERS B	194.28	caiso_wind	PNM	specifiedimport	out_of_state_wind_AZNM
CLOVDL_1_SOLAR	CLOVERDALE SOLAR I	1.5	caiso_solar	CISO	physical	utility_pv
CLOVER_2_UNIT	CLOVER CREEK	0.99	caiso_small_hydro	CISO	physical	small_hydro
CLRRKD_6_LIMESD	LIME SADDLE HYDRO	2	caiso_small_hydro	CISO	physical	small_hydro
CLRMTK_1_QF	SMALL QF AGGREGATION - OAKLAND	1.25	caiso_chp	CISO	physical	cogen
CNTNLA_2_SOLAR1	CENTINELA SOLAR ENERGY I	125	caiso_solar	CISO	physical	utility_pv
CNTNLA_2_SOLAR2	CENTINELS SOLAR ENERGY 2	45.6	caiso_solar	CISO	physical	utility_pv
CNTRVL_6_UNIT	CENTERVILLE	6.4	caiso_small_hydro	CISO	physical	small_hydro
COACHELLA_1	NAN	20	iid_peaker	IID	physical	gas_ct
COACHELLA_2	NAN	20	iid_peaker	IID	physical	gas_ct
COACHELLA_3	NAN	20	iid_peaker	IID	physical	gas_ct
COACHELLA_4	NAN	20	iid_peaker	IID	physical	gas_ct
COACHELLA_BATTERY	NAN	31	iid_li_battery	IID	physical	hr_batteries
COACHELLAWIND	NAN	94.936	caiso_wind	CISO	physical	in_state_wind_south
COCOPP_2_CTG1	MARSH LANDING 1	204.2	caiso_peaker1	CISO	physical	gas_ct
COCOPP_2_CTG2	MARSH LANDING 2	202.7	caiso_peaker1	CISO	physical	gas_ct
COCOPP_2_CTG3	MARSH LANDING 3	208.96	caiso_peaker1	CISO	physical	gas_ct
COCOPP_2_CTG4	MARSH LANDING 4	204.29	caiso_peaker1	CISO	physical	gas_ct
COCOSB_6_SOLAR	OAKLEY SOLAR PROJECT	1.5	caiso_solar	CISO	physical	utility_pv
COGNAT_1_UNIT	STOCKTON BIOMAS	45	caiso_biomass	CISO	physical	biomass_wood
COLEMN_2_UNIT	COLEMAN	13	caiso_small_hydro	CISO	physical	small_hydro
COLGAT_7_UNIT 1	COLGATE POWERHOUSE UNIT 1	176.72	caiso_hydro	CISO	physical	hydro
COLGAT_7_UNIT 2	COLGATE POWERHOUSE UNIT 2	175.67	caiso_hydro	CISO	physical	hydro
COLGNS_2_CNS5R1	COLGREEN NORTH SHORE	74.8	iid_solar	IID	specifiedimport	utility_pv
COLPIN_6_COLLINS	COLLINS PINE	3.3	caiso_biomass	CISO	physical	biomass_wood
COLTON_6_AGUAM1	AGUA MANS A UNIT 1 (CITY OF COLTON)	43	caiso_peaker2	CISO	physical	gas_ct
COLUSA_2_PL1X3	COLUSA GENERATING STATION	641	caiso_ccgt1	CISO	physical	gas_cc
COLVIL_7_PL1X2	COLLIERVILLE HYDRO UNIT 1 & 2 AGGREGAT	246.86	caiso_hydro	CISO	physical	hydro
CONTRL_1_CASAD1	MAMMOTH G1	10	caiso_geothermal	CISO	physical	geothermal
CONTRL_1_CASAD2	MAMMOTH G2	10.5	caiso_geothermal	CISO	physical	geothermal
CONTRL_1_CASAD3	MAMMOTH G3	14	caiso_geothermal	CISO	physical	geothermal
CONTRL_1_LUNDY	LUNDY	3	caiso_small_hydro	CISO	physical	small_hydro
CONTRL_1_OXBOW	DIXIE VALLEY GEO	60	caiso_geothermal	CISO	physical	geothermal
CONTRL_1_POOLE	POOLE HYDRO PLANT 1	10.9	caiso_small_hydro	CISO	physical	small_hydro
CONTRL_1_QF	CONTROL QFS	2.9	caiso_geothermal	CISO	physical	geothermal
CONTRL_1_RUSHCK	RUSH CREEK	11.94	caiso_small_hydro	CISO	physical	small_hydro
COPMT2_2_SOLAR2	CMS2	155	caiso_solar	CISO	physical	utility_pv
COPMT4_2_SOLAR4	COPPER MOUNTAIN SOLAR 4	92	caiso_solar	CISO	physical	utility_pv
COPMTN_2_CM10	COPPER MOUNTAIN 10	10	caiso_solar	CISO	physical	utility_pv
COPMTN_2_SOLAR1	COPPER MOUNTAIN 48	48	caiso_solar	CISO	physical	utility_pv
COPPER_MOUNTAIN_3_01	COPPER_MOUNTAIN_3_01	26	ldwp_solar	LADWP	physical	utility_pv
COPPER_MOUNTAIN_3_02	COPPER_MOUNTAIN_3_02	27	ldwp_solar	LADWP	physical	utility_pv
COPPER_MOUNTAIN_3_03	COPPER_MOUNTAIN_3_03	26	ldwp_solar	LADWP	physical	utility_pv
COPPER_MOUNTAIN_3_04	COPPER_MOUNTAIN_3_04	28	ldwp_solar	LADWP	physical	utility_pv
COPPER_MOUNTAIN_3_05	COPPER_MOUNTAIN_3_05	25	ldwp_solar	LADWP	physical	utility_pv
COPPER_MOUNTAIN_3_06	COPPER_MOUNTAIN_3_06	26	ldwp_solar	LADWP	physical	utility_pv
COPPER_MOUNTAIN_3_07	COPPER_MOUNTAIN_3_07	27	ldwp_solar	LADWP	physical	utility_pv
COPPER_MOUNTAIN_3_08	COPPER_MOUNTAIN_3_08	26	ldwp_solar	LADWP	physical	utility_pv
COPPER_MOUNTAIN_3_09	COPPER_MOUNTAIN_3_09	24	ldwp_solar	LADWP	physical	utility_pv
COPPER_MOUNTAIN_3_10	COPPER_MOUNTAIN_3_10	20	ldwp_solar	LADWP	physical	utility_pv
CORCAN_1_SOLAR1	CID SOLAR	20	caiso_solar	CISO	physical	utility_pv
CORCAN_1_SOLAR2	CORCORAN CITY	11	caiso_solar	CISO	physical	utility_pv
CORDOVA_FIR_SOLAR	NAN	9.5	banc_solar	BANC	physical	utility_pv
CORONS_2_SOLAR	MASTER DEVELOPMENT CORONA	0.99	caiso_solar	CISO	physical	utility_pv
CORONS_6_CLRWTR	CLEARWATER POWER PLANT	28	caiso_ccgt2	CISO	physical	gas_cc
CORRAL_6_SJOAQN	AMERESCO SAN JOAQUIN	4.3	caiso_biomass	CISO	physical	biomass_wood
COSUMNES_CC	NAN	534.6	banc_ccgt	BANC	physical	gas_cc
COTTLE_2_FRKNKH	FRANKENHEIMER POWER PLANT	5.3	caiso_small_hydro	CISO	physical	small_hydro
COVERD_2_HCKHY1	HATCHET CREEK	6.89	caiso_hydro	CISO	physical	hydro

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COVERD_2_MCKHY1	MONTGOMERY CREEK HYDRO	2.8	caiso_hydro	CISO	physical	hydro
COVERD_2_OFUNTS	COVE HYDROELECTRIC PROJECT	5.5	caiso_small_hydro	CISO	physical	small_hydro
COVERD_2_RCKHY1	ROARING CREEK	2	caiso_hydro	CISO	physical	hydro
COWCRK_2_UNIT	COW CREEK HYDRO	2	caiso_small_hydro	CISO	physical	small_hydro
CPSTNO_7_PFMADS	PRIMA DESCHECHA (CAPISTRANO)	6.1	caiso_biomass	CISO	physical	cogen
CPVERD_2_SOLAR	CAMPO VERDE SOLAR	139	caiso_solar	CISO	physical	utility_pv
CRELMN_6_RAMON1	RAMONA 1	2	caiso_solar	CISO	physical	utility_pv
CRELMN_6_RAMON2	RAMONA 2	5	caiso_solar	CISO	physical	utility_pv
CRELMN_6_RAMSRS3	RAMONA SOLAR ENERGY	4.32	caiso_solar	CISO	physical	utility_pv
CRESSY_1_PARKER	PARKER POWERHOUSE	2.83	caiso_small_hydro	CISO	physical	small_hydro
CRESTA_7_PL1X2	CRESTA PH UNIT 1 & 2 AGGREGATE	70.4	caiso_hydro	CISO	physical	hydro
CRIMSN_2_CRMBT1	Crimson (CAISO), Sonoran West (LSEs)	200	caiso_li_battery	CISO	physical	hr_batteries
CRIMSN_2_CRMBT2	Crimson 2	150	caiso_li_battery	CISO	physical	hr_batteries
CRNEVL_6_CRNVA	CRANE VALLEY	0.9	caiso_small_hydro	CISO	physical	small_hydro
CRNEVL_6_SIQN 2	SAN JOAQUIN 2	3.2	caiso_hydro	CISO	physical	hydro
CRNEVL_6_SIQN 3	SAN JOAQUIN 3	4.2	caiso_hydro	CISO	physical	hydro
CROKET_7_UNIT	CROCKETT COGEN	240	caiso_chp	CISO	physical	cogen
CROWCREEKSOLAR	NAN	20	caiso_solar	CISO	physical	utility_pv
CROWCREEKSTORAGE	NAN	20	caiso_li_battery	CISO	physical	hr_batteries
CRSTWD_6_KUMYAY	KUMEYAAY WIND FARM	50	caiso_wind	CISO	physical	in_state_wind_south
CRWCK5_1_SOLAR1	CROW CREEK SOLAR 1	20	caiso_solar	CISO	physical	utility_pv
CSCCOG_1_UNIT 1	SANTA CLARA CO-GEN	7	caiso_peaker1	CISO	physical	cogen
CSCGNR_1_UNIT 1	GIANERA PEAKER UNIT 1	24.75	caiso_peaker2	CISO	physical	gas_ct
CSCGNR_1_UNIT 2	GIANERA PEAKER UNIT 2	24.75	caiso_peaker2	CISO	physical	gas_ct
CSLR45_2_SOLAR	CSOLAR IV SOUTH	130	caiso_solar	CISO	physical	utility_pv
CSTOGA_6_LNDFIL	CLOVER FLAT LAND FILL GAS	0.85	caiso_biomass	CISO	physical	biomass_wood
CSTRVL_7_PL1X2	MARINA LAND FILL GAS	4.53	caiso_biomass	CISO	physical	biomass_wood
CSTRVL_7_QFUNTS	CASTROVILLE QF AGGREGATE	2	caiso_biomass	CISO	physical	cogen
CTNWDP_1_QF	SMALL QF AGGREGATION - BURNLEY	0.5	caiso_small_hydro	CISO	physical	small_hydro
CUMBIA_1_SOLAR	COLUMBIA SOLAR ENERGY II	19	caiso_solar	CISO	physical	utility_pv
CUMMING_6_SUNCT1	SUNSELECT 1	4	caiso_chp	CISO	physical	cogen
CURTIS_1_CANLCK	CANAL CREEK POWERHOUSE	0.9	caiso_small_hydro	CISO	physical	small_hydro
CURTIS_1_FARFLD	FAIRFIELD POWERHOUSE	0.9	caiso_small_hydro	CISO	physical	small_hydro
CUYAMS_6_CUYSR1	CUYAMA SOLAR	40	caiso_solar	CISO	physical	utility_pv
DAIRLD_1_CR1BM1	NAN	2	caiso_biogas	CISO	physical	biogas
DAIRLD_1_MD1SL1	MADERA 1	1.5	caiso_solar	CISO	physical	utility_pv
DAIRLD_1_MD2BM1	MADERA DIGESTER GENSET 2	0.8	caiso_biomass	CISO	physical	biomass_wood
DALYCT_1_FCELL	NAN	1.6	caiso_biomass	CISO	physical	biomass_wood
DAVID_TEVELDE_DAIRY_DIGESTER	NAN	1	caiso_biogas	CISO	physical	biogas
DAVIS_1_SOLAR1	GRASSLANDS 3	1	caiso_solar	CISO	physical	utility_pv
DAVIS_1_SOLAR2	GRASSLANDS 4	1	caiso_solar	CISO	physical	utility_pv
DAVIS_7_MNMETH	MM YOLO POWER LLC	4	caiso_biogas	CISO	physical	biogas
DEADCK_1_UNIT	DEADCK_1_UNIT	2	caiso_small_hydro	CISO	physical	small_hydro
DEERCR_6_UNIT 1	DEER CREEK	7	caiso_hydro	CISO	physical	hydro
DEL_RANCH_COMPANY	NAN	42	iid_geothermal	IID	physical	geothermal
DELAMO_2_SOLAR1	GOLDEN SPRINGS BUILDING H	1.5	caiso_solar	CISO	physical	utility_pv
DELAMO_2_SOLAR2	GOLDEN SPRINGS BUILDING M	1.75	caiso_solar	CISO	physical	utility_pv
DELAMO_2_SOLAR3	GOLDEN SPRINGS BUILDING G	1.25	caiso_solar	CISO	physical	utility_pv
DELAMO_2_SOLAR4	GOLDEN SPRINGS BUILDING F	1.3	caiso_solar	CISO	physical	utility_pv
DELAMO_2_SOLAR5	GOLDEN SPRINGS BUILDING L	1	caiso_solar	CISO	physical	utility_pv
DELAMO_2_SOLAR6	FREEWAY SPRINGS	2	caiso_solar	CISO	physical	utility_pv
DELAMO_2_SOLRC1	GOLDEN SPRINGS BUILDING C1	1.16	caiso_solar	CISO	physical	utility_pv
DELAMO_2_SOLRD	GOLDEN SOLAR BUILDING D	1.25	caiso_solar	CISO	physical	utility_pv
DELSUR_6_BSOLAR	CENTRAL ANTELOPE DRY RANCH B	3	caiso_solar	CISO	physical	utility_pv
DELSUR_6_CREST	NAN	10	caiso_solar	CISO	physical	utility_pv
DELSUR_6_DRYFRB	DRY FARM RANCH B	5	caiso_solar	CISO	physical	utility_pv
DELSUR_6_SOLAR1	SUMMER SOLAR NORTH	6.5	caiso_solar	CISO	physical	utility_pv
DELSUR_6_SOLAR4	RADIANCE SOLAR 4	1.5	caiso_solar	CISO	physical	utility_pv
DELSUR_6_SOLAR5	RADIANCE SOLAR 5	1.5	caiso_solar	CISO	physical	utility_pv
DELTA_2_PL1X4	DELTA ENERGY CENTER AGGREGATE	880	caiso_ccg1	CISO	physical	gas_cc
DESERT_POWER_3	NAN	50	iid_geothermal	IID	physical	geothermal
DESERT_VIEW	NAN	50	caiso_biomass	IID	physical	biogas
DEVERS_1_QF	NAN	92.64	caiso_wind	CISO	physical	in_state_wind_south
DEVERS_1_SEPV05	SEPV 5	2	caiso_solar	CISO	physical	utility_pv
DEVERS_1_SOLAR	CASCADE SOLAR	18.5	caiso_solar	CISO	physical	utility_pv
DEVERS_1_SOLAR1	SEPV8	12	caiso_solar	CISO	physical	utility_pv
DEVERS_1_SOLAR2	SEPV9	9	caiso_solar	CISO	physical	utility_pv
DEVERS_2_CS2SR4	CALIENTE SOLAR 2	0.91	caiso_solar	CISO	physical	utility_pv
DEVERS_2_DHSFG2	DESERT HOT SPRINGS 2	1.4	caiso_solar	CISO	physical	utility_pv
DEXZEL_1_UNIT	WESTERN POWER AND STEAM COGENERATI	20	caiso_chp	CISO	physical	cogen
DIABLO_7_UNIT 1	DIABLO CANYON UNIT 1	1150	caiso_nuclear	CISO	physical	nuclear
DIABLO_7_UNIT 2	DIABLO CANYON UNIT 2	1150	caiso_nuclear	CISO	physical	nuclear
DIAMOND_H_DAIRY_POWER	NAN	2	caiso_biogas	CISO	physical	biogas
DINUBA_6_UNIT	NAN	12.00	caiso_biomass	CISO	physical	biomass_wood
DISCOV_1_CHEVRN	CHEVRON USA (EASTRIDGE)	48.8	caiso_chp	CISO	physical	cogen
DIVSON_6_NSQF	NAN	47.00	caiso_chp	CISO	physical	cogen
DIXNLD_1_LNDFL	ZERO WASTE ENERGY	1.6	caiso_biomass	CISO	physical	biomass_wood
DMDVLY_1_UNITS	DIAMOND VALLEY LAKE PUMP-GEN PLANT	21	caiso_hydro	CISO	physical	hydro
DONNLS_7_UNIT	DONNELLS HYDRO	72	caiso_hydro	CISO	physical	hydro
DOSMGO_2_NSPIN	DOSMGO_2_NSPIN	159	caiso_pumped_hydro	CISO	physical	pumped_storage
DOUBL_C_1_UNITS	DOUBLE "C" LIMITED	52.23	caiso_peaker2	CISO	physical	gas_ct
DOUBLEADIGESTER1	NAN	1.5	caiso_biomass	CISO	physical	biomass_wood
DOUBLEADIGESTER2	NAN	1.5	caiso_biomass	CISO	physical	biomass_wood
DOUBLEADIGESTER3	NAN	1.5	caiso_biomass	CISO	physical	biomass_wood
DRACKR_2_DS4R4B	DRACKER SOLAR UNIT 4B	62.5	caiso_solar	CISO	physical	utility_pv
DRACKR_2_DS3SR3	DRACKER SOLAR UNIT 3	125	caiso_solar	CISO	physical	utility_pv
DRACKR_2_DS4SR4	DRACKER SOLAR UNIT 4	62.5	caiso_solar	CISO	physical	utility_pv
DRACKR_2_DSUBT1	DRACKER SOLAR UNIT 1 BESS	63	caiso_li_battery	CISO	physical	hr_batteries
DRACKR_2_DSUBT2	DRACKER SOLAR UNIT 2 BESS	115	caiso_li_battery	CISO	physical	hr_batteries
DRACKR_2_DSUBT3	DRACKER SOLAR UNIT 3 BESS	115	caiso_li_battery	CISO	physical	hr_batteries
DRACKR_2_DSUBT4	Dracker Solar Unit 4 BESS	47	caiso_li_battery	CISO	physical	hr_batteries
DRACKR_2_SOLAR1	DRACKER SOLAR UNIT 1	110	caiso_solar	CISO	physical	utility_pv
DRACKR_2_SOLAR2	DRACKER SOLAR UNIT 2	125	caiso_solar	CISO	physical	utility_pv
DRACKR_3_DSUBT3	NAN	115	caiso_li_battery	CISO	physical	hr_batteries
DREWS_6_PL1X4	DREWS GENERATING PLANT	41.4	caiso_peaker1	CISO	physical	gas_ct
DREWSR_2_BHSSR1	Blue Hornet Solar	100	caiso_solar	CISO	physical	utility_pv
DRUM_7_PL1X2	DRUM PH 1 UNITS 1 & 2 AGGREGATE	26	caiso_hydro	CISO	physical	hydro
DRUM_7_PL3X4	DRUM PH 1 UNITS 3 & 4 AGGREGATE	28.9	caiso_hydro	CISO	physical	hydro
DRUM_7_UNIT 5	DRUM PH 2 UNIT 5	50	caiso_hydro	CISO	physical	hydro
DSABLA_7_UNIT	DE SABL A HYDRO	18.5	caiso_small_hydro	CISO	physical	small_hydro
DSFLWR_2_WS2SR1	WILLOW SPRINGS 2	100	caiso_solar	CISO	physical	utility_pv

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DSRTHV_2_DH1SR1	DESERT HARVEST	80	caiso_solar	CISO	physical	utility_pv
DSRTHV_2_DH2BT1	DESERT HARVEST BESS	35	caiso_li_battery	CISO	physical	hr_batteries
DSRTHV_2_DH2SR2	DESERT HARVEST 2	70	caiso_solar	CISO	physical	utility_pv
DSRTSL_2_SOLAR1	DESERT STATELINE	296.19	caiso_solar	CISO	physical	utility_pv
DSRTSN_2_DS2X2	Desert Sunlight PV II Storage	230	caiso_li_battery	CISO	physical	hr_batteries
DSRTSN_2_SOLAR1	DESERT SUNLIGHT 300	300	caiso_solar	CISO	physical	utility_pv
DSRTSN_2_SOLAR2	DESERT SUNLIGHT 250	250	caiso_solar	CISO	physical	utility_pv
DTCHWD_2_BT3WWD	BROOKFIELD TEHACHAPI 3	4.5	caiso_wind	CISO	physical	in_state_wind_south
DTCHWD_2_BT4WWD	BROOKFIELD TEHACHAPI 4	6.52	caiso_wind	CISO	physical	in_state_wind_south
DUANE_1_PL1X3	DONALD VON RAESFELD POWER PROJCT	147.8	caiso_ccgt2	CISO	physical	gas_cc
DURNMESA_3_WBDYN	DURAN MESA	105.08	caiso_wind	PNM	specifiedimport	out_of_state_wind_AZNM
DUTCH1_7_UNIT1	DUTCH FLAT 1 PH	22	caiso_hydro	CISO	physical	hydro
DUTCH2_7_UNIT1	DUTCH FLAT 2 PH	26	caiso_hydro	CISO	physical	hydro
DVLCYN_2_UNITS	DEVIL CANYON HYDRO UNITS 1-4 AGGREGA	235	caiso_hydro	CISO	physical	hydro
DYERSM_6_DSWWW1	DYER SUMMIT WIND REPOWER	44.8	caiso_wind	CISO	physical	in_state_wind_north
EARTH_ENERGY_1	NAN	11	iid_geothermal	IID	physical	geothermal
EASTWD_7_UNIT	EASTWOOD PUMP-GEN	200	caiso_pumped_hydro	CISO	physical	pumped_storage
EDMONS_2_NSPIN	EDMONS_2_NSPIN	775.8	caiso_pumped_hydro	CISO	physical	pumped_storage
EDWARD_2_E21SB1_LESR	EdSan 2 Edwards 1A	71	caiso_li_battery	CISO	physical	hr_batteries
EDWARD_2_E21SB1_SUN	EdSan 2 Edwards 1A	95	caiso_solar	CISO	physical	utility_pv
EDWARD_2_E23SB1	EdSan 2 Edwards 3	18	caiso_solar	CISO	physical	utility_pv
EDWARD_2_E23SB1_LESR	EdSan 2 Edwards 3	12	caiso_li_battery	CISO	physical	hr_batteries
EDWARD_2_ES2BT3	EdSan 2	85	caiso_solar	CISO	physical	utility_pv
EDWARD_2_ES2BT3_LESR	EdSan 2	66	caiso_li_battery	CISO	physical	hr_batteries
EKTMN_6_SOLAR1	EE K SOLAR 1	20	caiso_solar	CISO	physical	utility_pv
EL_CENTRO_4	NAN	70	iid_ccgt	IID	physical	gas_cc
EL_CENTRO_CC2	NAN	108.8	iid_ccgt	IID	physical	gas_cc
EL_CENTRO_CC3	NAN	146.5	iid_ccgt	IID	physical	gas_cc
ELCABO_5_ECWSCEDYN	EL CABO WIND	298	caiso_wind	AZPS	specifiedimport	out_of_state_wind_AZNM
ELCAIN_6_DRGEN1	NAN	3	caiso_li_battery	CISO	physical	hr_batteries
ELCAIN_6_DRGEN2	NAN	1	caiso_li_battery	CISO	physical	hr_batteries
ELCAIN_6_EB1BT1	EASTERN BESS 1	7.5	caiso_li_battery	CISO	physical	hr_batteries
ELCAIN_6_LM6K	EL CAJON ENERGY CENTER	48.1	caiso_peaker2	CISO	physical	gas_ct
ELCAIN_6_UNITA1	CUYAMACA PEAK ENERGY PLANT	45.42	caiso_peaker1	CISO	physical	gas_ct
ELCAP_1_SOLAR	2097 HELTON	1.5	caiso_solar	CISO	physical	utility_pv
ELDORO_7_UNIT1	EL DORADO UNIT 1	11	caiso_hydro	CISO	physical	hydro
ELDORO_7_UNIT2	EL DORADO UNIT 2	11	caiso_hydro	CISO	physical	hydro
ELECTR_7_PL1X3	ELECTRA PH UNIT 1 & 2 AGGREGATE	93	caiso_hydro	CISO	physical	hydro
ELK_GROVE_1_SOLAR	NAN	50.9	banc_solar	BANC	physical	utility_pv
ELK_GROVE_2_SOLAR	NAN	37.9	banc_solar	BANC	physical	utility_pv
ELKCRK_6_STONYG	STONEY GORGE HYDRO AGGREGATE	4.9	caiso_small_hydro	CISO	physical	small_hydro
ELKHIL_2_PL1X3	ELK HILLS COMBINED CYCLE (AGGREGATE)	551.7	caiso_ccgt1	CISO	physical	gas_cc
ELKHRN_1_EESX3	ELKHORN ENERGY STORAGE	182.5	caiso_li_battery	CISO	physical	hr_batteries
ELLIS_2_QF	ELLIS QFS	12	caiso_peaker1	CISO	physical	gas_ct
ELNIDP_6_BIOMAS	EL NIDO BIOMASS TO ENERGY	10.5	caiso_biomass	CISO	physical	biomass_wood
ELSEGN_2_UN1011	EL SEGUNDO ENERGY CENTER 5/6	263	caiso_ccgt2	CISO	physical	gas_cc
ELSEGN_2_UN2021	EL SEGUNDO ENERGY CENTER 7/8	263.68	caiso_ccgt1	CISO	physical	gas_cc
ENELBELLASTORAGE	NAN	10	caiso_li_battery	CISO	physical	hr_batteries
ENERGETICS_PV	NAN	4.8	caiso_solar	CISO	physical	utility_pv
ENERSJ_2_WIND	ESJ WIND ENERGY	155.1	caiso_wind	CISO	physical	in_state_wind_south
ENERSJ_5_ESJWD2	ENERGIA_SIERRA_JUAREZ_2_US_LLC	105	caiso_wind	CISO	physical	in_state_wind_south
ENWIND_2_WIND1	CAMERON RIDGE	47.1	caiso_wind	CISO	physical	in_state_wind_south
ENWIND_2_WIND2	RIDGETOP I	38.24	caiso_wind	CISO	physical	in_state_wind_south
ESCND0_6_EB1BT1	ESCONDIDO BESS 1	10	caiso_li_battery	CISO	physical	hr_batteries
ESCND0_6_EB2BT2	ESCONDIDO BESS 2	10	caiso_li_battery	CISO	physical	hr_batteries
ESCND0_6_EB3BT3	ESCONDIDO BESS 3	10	caiso_li_battery	CISO	physical	hr_batteries
ESCND0_6_PL1X2	MMC ESCONDIDO AGGREGATE	48.71	caiso_peaker2	CISO	physical	gas_ct
ESCND0_6_UNITB1	CALPEAK POWER ENTERPRISE UNIT 1	48.04	caiso_peaker2	CISO	physical	gas_ct
ESCO_6_GLMQF	GOAL LINE COGEN	49.9	caiso_chp	CISO	physical	cogen
ESNHWR_2_WC1BT1	Wildcat I BESS	3	caiso_li_battery	CISO	physical	hr_batteries
ESQUON_6_LNDFIL	NEAL ROAD LANDFILL GENERATING FACILITY	2.1	caiso_biomass	CISO	physical	biomass_wood
ESTWND_2_OPPWD1	Oasis Power Plant Eastwind	57.14	caiso_wind	CISO	physical	in_state_wind_south
ETIWND_2_CHMPNE	CHAMPAGNE	1	caiso_solar	CISO	physical	utility_pv
ETIWND_2_FONTNA	FONTANALTYLE CREEK POWERHOUSE P	2.56	caiso_small_hydro	CISO	physical	small_hydro
ETIWND_2_RTS010	SPVP010 FONTANA RT SOLAR	1.5	caiso_solar	CISO	physical	utility_pv
ETIWND_2_RTS015	SPVP015	3	caiso_solar	CISO	physical	utility_pv
ETIWND_2_RTS017	SPVP017	3.5	caiso_solar	CISO	physical	utility_pv
ETIWND_2_RTS018	SPVP018 FONTANA RT SOLAR	1.5	caiso_solar	CISO	physical	utility_pv
ETIWND_2_RTS023	SPVP023 FONTANA RT SOLAR	2.5	caiso_solar	CISO	physical	utility_pv
ETIWND_2_RTS026	SPVP026	6	caiso_solar	CISO	physical	utility_pv
ETIWND_2_RTS027	SPVP027	2	caiso_solar	CISO	physical	utility_pv
ETIWND_2_SOLAR1	DEDEAUX ONTARIO	1	caiso_solar	CISO	physical	utility_pv
ETIWND_2_SOLAR2	ROCHESTER	1	caiso_solar	CISO	physical	utility_pv
ETIWND_2_SOLAR5	DULLES	2	caiso_solar	CISO	physical	utility_pv
ETIWND_2_UNIT1	ETIWND_2_UNIT1	33.6	caiso_chp	CISO	physical	cogen
ETIWND_6_GRP1ND	GRAPELAND PEAKER	47.39	caiso_peaker1	CISO	physical	gas_ct
ETIWND_6_MWDETI	ETIWANDA RECOVERY HYDRO	24	caiso_small_hydro	CISO	physical	small_hydro
EXCHEC_7_UNIT1	CHEQUEUER HYDRO	94.5	caiso_hydro	CISO	physical	hydro
EXCLSG_1_SOLAR	EXCELSIOR SOLAR	60	caiso_solar	CISO	physical	utility_pv
FAIRHV_6_UNIT	NAN	18.75	caiso_biomass	CISO	physical	biomass_wood
FALLBROOKSTORAGE	NAN	40	caiso_li_battery	CISO	physical	hr_batteries
FELLOW_7_QFUNTS	FELLOW QF AGGREGATE	6.2	caiso_chp	CISO	physical	cogen
FLOWD_2_RT2WD2	RIDGETOP 2	27.39	caiso_wind	CISO	physical	in_state_wind_south
FLOWD_2_WIND1	CAMERON RIDGE 2	11.9	caiso_wind	CISO	physical	in_state_wind_south
FLOWD2_2_FPLWWD	DIABLO WINDS	18	caiso_wind	CISO	physical	in_state_wind_north
FMEADO_6_HELLHL	FMEADO_6_HELLHL	0.6	caiso_hydro	CISO	physical	hydro
FMEADO_7_UNIT	FRENCH MEADOWS HYDRO	16	caiso_small_hydro	CISO	physical	small_hydro
FORBST_7_UNIT1	FORBESTOWN HYDRO	37.5	caiso_hydro	CISO	physical	hydro
FORKBU_6_UNIT	HYPOWER, INC. (FORKS OF BUTTE)	14.3	caiso_hydro	CISO	physical	hydro
FRESHW_1_SOLAR1	CORCORAN 3	20	caiso_solar	CISO	physical	utility_pv
FRESNOSOLAR	NAN	100	caiso_solar	CISO	physical	utility_pv
FRESNOSTORAGE	NAN	10	caiso_li_battery	CISO	physical	hr_batteries
FRIANT_6_UNITS	FRIANT DAM	25	caiso_small_hydro	CISO	physical	small_hydro
FRITO_1_LAY	FRITO-LAY	6	caiso_chp	CISO	physical	cogen
FRNTBW_6_SOLAR1	FRONTIER SOLAR	20	caiso_solar	CISO	physical	utility_pv
FROGTN_1_UTICAA	ANGELS POWERHOUSE	1.4	caiso_hydro	CISO	physical	hydro
FROGTN_1_UTICAM	MURPHYS POWERHOUSE	3.6	caiso_hydro	CISO	physical	hydro
FTSWRD_6_TRFORK	THREE FORKS WATER POWER PROJECT	1.63	caiso_small_hydro	CISO	physical	small_hydro
FTSWRD_7_QFUNTS	FTSWRD_7_QFUNTS	1.6	caiso_small_hydro	CISO	physical	small_hydro
FULTON_1_QF	SMALL QF AGGREGATION - ZENIA	1	caiso_small_hydro	CISO	physical	small_hydro
GALE_1_SR3SR3	SUNRAY 3	13.8	caiso_solar	CISO	physical	utility_pv

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GANSO_1_WSTBM1	WESTSTAR DAIRY BIOGAS	1	caiso_biogas	CISO	physical	biogas
GARLND_2_GARBT1	GARLAND STORAGE	88	caiso_li_battery	CISO	physical	hr_batteries
GARLND_2_GASLR	GARLAND B	180	caiso_solar	CISO	physical	utility_pv
GARLND_2_GASLRA	GARLAND A	20	caiso_solar	CISO	physical	utility_pv
GARNET_1_SOLAR	NORTH PALM SPRINGS 4A	4	caiso_solar	CISO	physical	utility_pv
GARNET_1_SOLAR2	GARNET SOLAR POWER GENERATION STATIC	4	caiso_solar	CISO	physical	utility_pv
GARNET_1_UNITS	GARNET GREEN POWER PROJECT AGGREGAT	16.5	caiso_wind	CISO	physical	in_state_wind_south
GARNET_1_WIND	GARNET WIND ENERGY CENTER	6.5	caiso_wind	CISO	physical	in_state_wind_south
GARNET_1_WINDS	GARNET WINDS AGGREGATION	22.5	caiso_wind	CISO	physical	in_state_wind_south
GARNET_1_WT3WIND	WAGNER WINDS	6	caiso_wind	CISO	physical	in_state_wind_south
GARNET_2_COAWD2	COACHELLA 2	10.8	caiso_wind	CISO	physical	in_state_wind_south
GARNET_2_DIFWD1	NAN	7.88	caiso_wind	CISO	physical	in_state_wind_south
GARNET_2_HYDRO	WHITEWATER HYDRO	1	caiso_small_hydro	CISO	physical	small_hydro
GARNET_2_WIND1	PHOENIX	11.2	caiso_wind	CISO	physical	in_state_wind_south
GARNET_2_WIND2	KAREN AVENUE WIND FARM	11.7	caiso_wind	CISO	physical	in_state_wind_south
GARNET_2_WIND3	SAN GORGONIO EAST	12.6	caiso_wind	CISO	physical	in_state_wind_south
GARNET_2_WIND4	WINDUSTRIES	9.8	caiso_wind	CISO	physical	in_state_wind_south
GARNET_2_WIND5	EASTWIND	3	caiso_wind	CISO	physical	in_state_wind_south
GARNET_2_WPMWD6	WINTEC PALM	5.93	caiso_wind	CISO	physical	in_state_wind_south
GASKW1_2_GW1SR1	GASKELL WEST 1	20	caiso_solar	CISO	physical	utility_pv
GATES_2_SOLAR	GATES SOLAR STATION	20	caiso_solar	CISO	physical	utility_pv
GATES_2_WSOLAR	WEST GATES SOLAR STATION	10	caiso_solar	CISO	physical	utility_pv
GATEWAY_2_GESBT1	GATEWAY ENERGY STROAGE	250	caiso_li_battery	CISO	physical	hr_batteries
GATWAY_2_PL1X3	GATEWAY GENERATING STATION	585	caiso_ccgt1	CISO	physical	gas_cc
GENESI_2_STG	GENESIS STATION	250	caiso_solar	CISO	physical	utility_pv
GEO_EAST_MESA_2_1	NAN	22	iid_geothermal	IID	physical	geothermal
GEO_EAST_MESA_3_1	NAN	22	iid_geothermal	IID	physical	geothermal
GEO_EAST_MESA_3_2	NAN	10	iid_geothermal	IID	physical	geothermal
GEYS11_7_UNIT11	GEYSERS UNIT 11 (HEALDSBURG)	86.8	caiso_geothermal	CISO	physical	geothermal
GEYS12_7_UNIT12	GEYSERS UNIT 12 (HEALDSBURG)	57	caiso_geothermal	CISO	physical	geothermal
GEYS13_7_UNIT13	GEYSERS UNIT 13 (HEALDSBURG)	73	caiso_geothermal	CISO	physical	geothermal
GEYS14_7_UNIT14	GEYSERS UNIT 14 (HEALDSBURG)	70	caiso_geothermal	CISO	physical	geothermal
GEYS16_7_UNIT16	GEYSERS UNIT 16 (HEALDSBURG)	63	caiso_geothermal	CISO	physical	geothermal
GEYS17_2_BOTRCK	NAN	10.01	caiso_geothermal	CISO	physical	geothermal
GEYS17_7_UNIT17	GEYSERS UNIT 17 (HEALDSBURG)	75.5	caiso_geothermal	CISO	physical	geothermal
GEYS18_7_UNIT18	GEYSERS UNIT 18 (HEALDSBURG)	72	caiso_geothermal	CISO	physical	geothermal
GEYS20_7_UNIT20	GEYSERS UNIT 20 (HEALDSBURG)	50	caiso_geothermal	CISO	physical	geothermal
GIFENS_6_BUGSL1	BURFORD GIFFEN	20	caiso_solar	CISO	physical	utility_pv
GIFFEN_6_SOLAR	GIFFEN SOLAR STATION	10	caiso_solar	CISO	physical	utility_pv
GIFFEN_6_SOLAR1	ASPIRATION SOLAR G	9	caiso_solar	CISO	physical	utility_pv
GILROY_1_UNIT	GILROY COGEN AGGREGATE	120	caiso_ccgt1	CISO	physical	gas_ct
GILRPP_1_PL1X2	GILROY ENERGY CENTER UNITS 1&2 AGGREG	95.2	caiso_peaker2	CISO	physical	gas_ct
GILRPP_1_PL3X4	GILROY ENERGY CENTER, UNIT #3	46.2	caiso_peaker2	CISO	physical	gas_ct
GLDFGR_6_SOLAR1	PORTAL RIDGE B	20	caiso_solar	CISO	physical	utility_pv
GLDFGR_6_SOLAR2	PORTAL RIDGE C	11.4	caiso_solar	CISO	physical	utility_pv
GLDTWN_6_COLUMN3	COLUMBIA 3	10	caiso_solar	CISO	physical	utility_pv
GLDTWN_6_SOLAR	RIO GRANDE	5	caiso_solar	CISO	physical	utility_pv
GLNARM_2_UNIT 5	GLENARM TURBINE 5	65.81	caiso_peaker2	CISO	physical	gas_cc
GLNARM_7_UNIT 1	GLEN ARM UNIT 1	22.07	caiso_peaker2	CISO	physical	gas_ct
GLNARM_7_UNIT 2	GLEN ARM UNIT 2	22.3	caiso_peaker2	CISO	physical	gas_ct
GLNARM_7_UNIT 3	GLEN ARM UNIT 3	44.83	caiso_peaker1	CISO	physical	gas_ct
GLNARM_7_UNIT 4	GLEN ARM UNIT 4	42.42	caiso_peaker1	CISO	physical	gas_ct
GLOW_6_SOLAR	ANTELOPE POWER PLANT	20	caiso_solar	CISO	physical	utility_pv
GOLETA_2_QF	GOLETA QFS	0.25	caiso_small_hydro	CISO	physical	small_hydro
GOLETA_2_VALBT1	VALLECITO ENERGY STORAGE	10	caiso_li_battery	CISO	physical	hr_batteries
GOLETA_6_ELLWOOD	ELLWOOD ENERGY SUPPORT FACILITY	54	caiso_peaker2	CISO	physical	gas_ct
GOLETA_6_EXGEN	EXXON COMPANY USA	48.2	caiso_chp	CISO	physical	cogen
GOLETA_6_GAVOTA	NAN	9.90	caiso_chp	CISO	physical	cogen
GOLETA_6_TAIJGS	NAN	2.84	caiso_biogas	CISO	physical	biogas
GOLETA_6_TR2BM2	Tajiguas Biogas Engines	1.99	caiso_biomass	CISO	physical	biogas
GONZLS_6_UNIT	JOHNSON CANYON LANDFILL	1.42	caiso_biomass	CISO	physical	biomass_wood
GOOSLK_1_SOLAR1	GOOSE LAKE	12	caiso_solar	CISO	physical	utility_pv
GRADYW_5_GDYWD1	GRADY WIND	200	caiso_wind	AZPS	specifiedimport	out_of_state_wind_AZNM
GRAYSON_3	NAN	18	ldwp_st	LADWP	physical	steam
GRAYSON_4	NAN	40	ldwp_st	LADWP	physical	steam
GRAYSON_5	NAN	40	ldwp_st	LADWP	physical	steam
GRAYSON_9	NAN	48	ldwp_peaker	LADWP	physical	gas_ct
GRAYSON_CC	NAN	102	ldwp_ccgt	LADWP	physical	gas_cc
GRIDLY_6_SOLAR	GRIDLEY MAIN TWO	2.5	caiso_solar	CISO	physical	utility_pv
GRIFFI_2_LSPDYN	GRIFFITH ENERGY	570	sw_ccgt	WALC	specifiedimport	gas_cc
GRIZLY_1_UNIT 1	GRIZZLY HYDRO	20	caiso_hydro	CISO	physical	hydro
GRNITE_6_ESCBT1	EnerSmart El Cajon	3	caiso_li_battery	CISO	physical	hr_batteries
GRNLF1_1_PL1X2	Greenleaf 1	60	caiso_peaker2	CISO	physical	gas_ct
GRNLF1_1_UNITS	NAN	49.20	caiso_peaker1	CISO	physical	gas_ct
GRNLF2_1_UNIT	GREENLEAF II COGEN	49.2	caiso_chp	CISO	physical	cogen
GRNVLY_7_SCLAND	SANTA CRUZ LANDFILL GENERATING PLANT	3.04	caiso_biomass	CISO	physical	biomass_wood
GRSCK_6_BGCWW	BIG CREEK WATER WORKS - CEDAR FLAT	5	caiso_small_hydro	CISO	physical	small_hydro
GRZZLY_1_BERKLY	BERKELEY COGENERATION	26.35	caiso_chp	CISO	physical	cogen
GUERNS_6_HD3BM3	HANFORD DIGESTER GENSET 3	1	caiso_biogas	CISO	physical	biogas
GUERNS_6_SOLAR	GUERNSEY SOLAR STATION	20	caiso_solar	CISO	physical	utility_pv
GUERNS_6_VH2BM1	HANFORD DIGESTER GENSET 2	1	caiso_biogas	CISO	physical	biogas
GWFPWR_1_UNITS	HANFORD PEAKER PLANT	98.46	caiso_peaker2	CISO	physical	gas_ct
GYSX6_7_UNITS	GEYSERS UNITS 5 & 6 AGGREGATE	98.43	caiso_geothermal	CISO	physical	geothermal
GYS7X8_7_UNITS	GEYSERS UNITS 7 & 8 AGGREGATE	95.8	caiso_geothermal	CISO	physical	geothermal
GYSRVL_7_WSPRNG	WARM SPRINGS HYDRO	3.75	caiso_small_hydro	CISO	physical	small_hydro
HAASPH_7_PL1X2	HAAS PH UNIT 1 & 2 AGGREGATE	144	caiso_hydro	CISO	physical	hydro
HALSEY_6_UNIT	HALSEY HYDRO	13.5	caiso_small_hydro	CISO	physical	small_hydro
HARBGN_7_UNITS	HARBOR COGEN COMBINED CYCLE	109.01	caiso_ccgt2	CISO	physical	gas_cc
HARBOR_CC	NAN	231	ldwp_ccgt	LADWP	physical	gas_cc
HARBOR_UNIT_10	NAN	49	ldwp_peaker	LADWP	physical	gas_ct
HARBOR_UNIT_11	NAN	49	ldwp_peaker	LADWP	physical	gas_ct
HARBOR_UNIT_12	NAN	49	ldwp_peaker	LADWP	physical	gas_ct
HARBOR_UNIT_13	NAN	49	ldwp_peaker	LADWP	physical	gas_ct
HARBOR_UNIT_14	NAN	49	ldwp_peaker	LADWP	physical	gas_ct
HARDWK_6_STWBM1	STILL WATER RANCH DAIRY	1	caiso_biogas	CISO	physical	biogas
HAT_CREEK_BIOENERGY__LLC	NAN	2.88	caiso_biomass	CISO	physical	biomass_wood
HATCR1_7_UNIT	HAT CREEK #1	8.5	caiso_small_hydro	CISO	physical	small_hydro
HATCR2_7_UNIT	HAT CREEK #2	8.5	caiso_small_hydro	CISO	physical	small_hydro
HATLOS_6_BWDHY1	BIDWELL DITCH	2	caiso_hydro	CISO	physical	hydro
HATLOS_6_LSCRK	LOST CREEK 1 & 2 HYDRO CONVERSION	1.7	caiso_small_hydro	CISO	physical	small_hydro
HATRDG_2_WIND	HATCHET RIDGE WIND FARM	102	caiso_wind	CISO	physical	in_state_wind_north

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HAYNES_1	NAN	222 ldwp_st	LADWP	physical	steam
HAYNES_11	NAN	96 ldwp_peaker	LADWP	physical	gas_ct
HAYNES_12	NAN	96 ldwp_peaker	LADWP	physical	gas_ct
HAYNES_13	NAN	96 ldwp_peaker	LADWP	physical	gas_ct
HAYNES_14	NAN	96 ldwp_peaker	LADWP	physical	gas_ct
HAYNES_15	NAN	96 ldwp_peaker	LADWP	physical	gas_ct
HAYNES_16	NAN	96 ldwp_peaker	LADWP	physical	gas_ct
HAYNES_2	NAN	222 ldwp_st	LADWP	physical	steam
HAYNES_CC	NAN	590 ldwp_ccgt	LADWP	physical	gas_cc
HAYPRS_6_HAYHD1	HAYPRESS LOWER	5.8 caiso_small_hydro	CISO	physical	small_hydro
HAYPRS_6_HAYHD2	HAYPRESS MIDDLE	6.7 caiso_small_hydro	CISO	physical	small_hydro
HEBER_GEO_1	NAN	8.75 iid_geothermal	IID	physical	geothermal
HEBER_GEO_2	NAN	4.37 iid_geothermal	IID	physical	geothermal
HEBER_GEO_COMPLEX	NAN	52 iid_geothermal	IID	physical	geothermal
HEBER_IJ	NAN	16 iid_geothermal	IID	physical	geothermal
HEBER_SOLAR_PV	NAN	10 iid_solar	IID	physical	utility_pv
HEDGE_SOLAR	NAN	1.5 banc_solar	BANC	physical	utility_pv
HEMPG_7_UNIT 1	HELMS PUMP-GEN UNIT 1	407 caiso_pumped_hydro	CISO	physical	pumped_storage
HEMPG_7_UNIT 2	HELMS PUMP-GEN UNIT 2	407 caiso_pumped_hydro	CISO	physical	pumped_storage
HEMPG_7_UNIT 3	HELMS PUMP-GEN UNIT 3	404 caiso_pumped_hydro	CISO	physical	pumped_storage
HENRTA_6_HDEBT1	HENRIETTA D ENERGY STORAGE	10 caiso_li_battery	CISO	physical	hr_batteries
HENRTA_6_SOLAR1	LEMOORE 1	1.5 caiso_solar	CISO	physical	utility_pv
HENRTA_6_SOLAR2	WESTSIDE SOLAR POWER PV1	2 caiso_solar	CISO	physical	utility_pv
HENRTA_6_UNITA1	GWf HENRIETTA PEAKER PLANT UNIT 1	49.98 caiso_peaker2	CISO	physical	gas_ct
HENRTA_6_UNITA2	GWf HENRIETTA PEAKER PLANT UNIT 2	49.42 caiso_peaker2	CISO	physical	gas_ct
HENRTS_1_SOLAR	HENRIETTA SOLAR PROJECT	100 caiso_solar	CISO	physical	utility_pv
HERDLN_6_BYHSR1	Byron Highway Solar	5 caiso_solar	CISO	physical	utility_pv
HIDSR_2_UNITS	HIGH DESERT POWER PROJECT AGGREGATE	830 caiso_ccgt1	CISO	physical	gas_cc
HIGGNS_1_COMBIE	COMBIE SOUTH	1.5 caiso_small_hydro	CISO	physical	small_hydro
HIGGNS_7_QFUNTS	HIGGNS_7_QFUNTS	0.5 caiso_hydro	CISO	physical	hydro
HIGHDS_2_HSSBT1	HIGH 5 SOLAR BESS	50 caiso_li_battery	CISO	physical	hr_batteries
HIGHDS_2_HSSSR1	HIGH 5 SOLAR	100 caiso_solar	CISO	physical	utility_pv
HILAND_7_YOLOWD	CLEAR LAKE UNIT 1	3.75 caiso_hydro	CISO	physical	hydro
HINSON_6_CARBGN	BP WILMINGTON CALCINER	30 caiso_chp	CISO	physical	cogen
HINSON_6_LBECH1	LONG BEACH UNIT 1	63 caiso_peaker2	CISO	physical	gas_ct
HINSON_6_LBECH2	LONG BEACH UNIT 2	63 caiso_peaker2	CISO	physical	gas_ct
HINSON_6_LBECH3	LONG BEACH UNIT 3	63 caiso_peaker2	CISO	physical	gas_ct
HINSON_6_LBECH4	LONG BEACH UNIT 4	63 caiso_peaker2	CISO	physical	gas_ct
HINSON_6_SERRGN	SOUTHEAST RESOURCE RECOVERY	34 caiso_chp	CISO	physical	cogen
HMLTBR_6_UNITS	HAMILTON BRANCH PH (AGGREGATE)	4.9 caiso_small_hydro	CISO	physical	small_hydro
HNTGBH_2_PLX3	HUNTINGTON BEACH ENERGY	673.8 caiso_ccgt1	CISO	physical	gas_cc
HNTGBH_7_UNIT 2	HUNTINGTON BEACH GEN STA. UNIT 2	226.84 caiso_st	CISO	physical	steam
HOLGAT_1_BORAX	U.S. BORAX, UNIT 1	48.2 caiso_chp	CISO	physical	cogen
HOLSTR_1_SOLAR	SAN BENITO SMART PARK	1.5 caiso_solar	CISO	physical	utility_pv
HOLSTR_1_SOLAR2	HOLLISTER SOLAR	1.5 caiso_solar	CISO	physical	utility_pv
HOOLEYDIGESTER1	NAN	0.2 caiso_biomass	CISO	physical	biomass_wood
HOOLEYDIGESTER2	NAN	0.2 caiso_biomass	CISO	physical	biomass_wood
HOOVER_2_MWDDYN	HOOVER	249 caiso_hydro	WALC	specifiedimport	hydro
HOOVER_2_VEADYN	HOOVER	16 caiso_hydro	WALC	specifiedimport	hydro
HUDSON_RANCH_I	NAN	64.8 iid_geothermal	IID	physical	geothermal
HUMBPP_1_UNITS3	HUMBOLDT BAY GENERATING STATION 3	65.08 caiso_reciprocating_engine	CISO	physical	ice
HUMBPP_6_UNITS	HUMBOLDT BAY GENERATING STATION 1	97.62 caiso_reciprocating_engine	CISO	physical	ice
HUMBSB_1_QF	SMALL QF AGGREGATION - TRINITY	1.25 caiso_hydro	CISO	physical	hydro
HUMMINGBIRDSTORAGE	NAN	75 caiso_li_battery	CISO	physical	hr_batteries
HURON_6_SOLAR	HURON SOLAR STATION	20 caiso_solar	CISO	physical	utility_pv
HYTHM_2_UNITS	HYATT-THERMALITO PUMP-GEN (AGGREGAT	933.1 caiso_hydro	CISO	physical	hydro
IGNACO_1_QF	SMALL QF AGGREGATION - VALLEJO/DINSM	0.5 caiso_chp	CISO	physical	cogen
IMPERIAL_VALLEYIVSC2	NAN	20 iid_solar	IID	physical	utility_pv
INDIGO_1_UNIT 1	INDIGO PEAKER UNIT 1	45 caiso_peaker2	CISO	physical	gas_ct
INDIGO_1_UNIT 2	INDIGO PEAKER UNIT 2	45 caiso_peaker2	CISO	physical	gas_ct
INDIGO_1_UNIT 3	INDIGO PEAKER UNIT 3	45 caiso_peaker2	CISO	physical	gas_ct
INDVLY_1_UNITS	INDIAN VALLEY HYDRO	3.01 caiso_small_hydro	CISO	physical	small_hydro
INSKIP_2_UNIT	INSKIP HYDRO	8 caiso_hydro	CISO	physical	hydro
INTERMOUNTAIN_1	NAN	849.97 ldwp_coal	LADWP	physical	coal
INTERMOUNTAIN_2	NAN	849.97 ldwp_coal	LADWP	physical	coal
INTKEP_2_UNITS	CCSF HETCH_HETCHY HYDRO AGGREGATE	405 caiso_hydro	CISO	physical	hydro
INTMNT_3_ANAHEIM	INTERMOUNTAIN POWER PROJECT	236 ldwp_coal	LADWP	specifiedimport	coal
INTMNT_3_PASADENA	INTERMOUNTAIN POWER PROJECT	107 ldwp_coal	LADWP	specifiedimport	coal
INTMNT_3_RIVERSIDE	IPPDYN	136 ldwp_coal	LADWP	specifiedimport	coal
INTTRB_6_UNIT	INTERNATIONAL TURBINE RESEARCH	18.4 caiso_wind	CISO	physical	in_state_wind_north
IVANPA_1_UNIT1	IVANPAH 1	126 caiso_solar	CISO	physical	utility_pv
IVANPA_1_UNIT2	IVANPAH 2	133 caiso_solar	CISO	physical	utility_pv
IVANPA_1_UNIT3	IVANPAH 3	133 caiso_solar	CISO	physical	utility_pv
IVSLR2_2_SM2SR1	SILVER RIDGE MOUNT SIGNAL 2	150 caiso_solar	CISO	physical	utility_pv
IVSLR2_2_SOLAR1	SILVER RIDGE MOUNT SIGNAL	200 caiso_solar	CISO	physical	utility_pv
IWEST_2_SOLAR1	IMPERIAL VALLEY WEST (Q.# 608)	150 caiso_solar	CISO	physical	utility_pv
JACMSR_1_JACSR1	JACUMBA SOLAR FARM	20 caiso_solar	CISO	physical	utility_pv
JANCRK_6_RCABT1	Redwood Coast Airport Microgrid	1.75 caiso_li_battery	CISO	physical	hr_batteries
JAVASR_1_JAVSR1	NAN	13.5 caiso_solar	CISO	physical	utility_pv
JAWBNE_2_NSRWND	NORTH SKY RIVER WIND PROJECT	160 caiso_wind	CISO	physical	in_state_wind_south
JAWBNE_2_SRWND	NAN	77 caiso_wind	CISO	physical	in_state_wind_south
JAWBNE_2_SRWWD2	Sky River Wind Repower B	30.2 caiso_wind	CISO	physical	in_state_wind_south
JAYNE_6_WLSLR	WESTLANDS SOLAR FARM PV 1	18 caiso_solar	CISO	physical	utility_pv
JJ_ELMORE	NAN	42 iid_geothermal	IID	physical	geothermal
JOANEC_2_STABT1	SANTA ANA STORAGE 1	20 caiso_li_battery	CISO	physical	hr_batteries
JOANEC_2_STABT2	Santa Ana Storage 2	20.00 caiso_li_battery	CISO	physical	hr_batteries
JOHANN_2 JOSBT1	JOHANNA STORAGE 1	10 caiso_li_battery	CISO	physical	hr_batteries
JOHANN_2 JOSBT2	JOHANNA STORAGE 2	10 caiso_li_battery	CISO	physical	hr_batteries
JOHANN_2_OCEBT2	ORANGE COUNTY ENERGY STORAGE 2	9 caiso_li_battery	CISO	physical	hr_batteries
JOHANN_2_OCEBT3	ORANGE COUNTY ENERGY STORAGE 3	6 caiso_li_battery	CISO	physical	hr_batteries
K_ROAD_MOAPA	NAN	250 ldwp_solar	LADWP	physical	utility_pv
K_ROAD_MODESTO	NAN	26.32 banc_solar	BANC	physical	utility_pv
KANSAS_6_SOLAR	RE KANSAS SOUTH	20 caiso_solar	CISO	physical	utility_pv
KEARNY_6_NESBT1	KEARNY NORTH ENERGY STORAGE	10 caiso_li_battery	CISO	physical	hr_batteries
KEARNY_6_SESBT2	KEARNY SOUTH ENERGY STORAGE	10 caiso_li_battery	CISO	physical	hr_batteries
KEKAWK_6_UNIT	STS HYDROPOWER LTD. (KEKAWAKA)	5.5 caiso_small_hydro	CISO	physical	small_hydro
KELSO_2_UNITS	MARIPOSA ENERGY	198.03 caiso_peaker1	CISO	physical	gas_ct
KELYRG_6_UNIT	KELLY RIDGE HYDRO	11 caiso_small_hydro	CISO	physical	small_hydro
KERKH2_7_UNIT 1	KERKHOFF PH 2 UNIT #1	153.9 caiso_hydro	CISO	physical	hydro
KERMAN_6_SOLAR1	FRESNO SOLAR SOUTH	1.5 caiso_solar	CISO	physical	utility_pv
KERMAN_6_SOLAR2	FRESNO SOLAR WEST	1.5 caiso_solar	CISO	physical	utility_pv

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KERNFT_1_UNITS	KERN FRONT LIMITED	52.4	caiso_chp	CISO	physical	cogen
KERNRG_1_UNITS	SOUTH BELRIDGE COGEN FACILITY	55.2	caiso_chp	CISO	physical	cogen
KERRGN_1_UNIT 1	KERN RIVER HYDRO UNITS 1-4 AGGREGATE	25.6	caiso_hydro	CISO	physical	hydro
KIEFER_LANDFILL_1_1	NAN	3.5	caiso_biomass	BANC	physical	biogas
KIEFER_LANDFILL_1_2	NAN	3.5	caiso_biomass	BANC	physical	biogas
KIEFER_LANDFILL_1_3	NAN	3.5	caiso_biomass	BANC	physical	biogas
KIEFER_LANDFILL_2_1	NAN	3.5	caiso_biomass	BANC	physical	biogas
KIEFER_LANDFILL_2_2	NAN	3.5	caiso_biomass	BANC	physical	biogas
KILARC_2_UNIT 1	KILARC HYDRO	1.5	caiso_small_hydro	CISO	physical	small_hydro
KINGCO_1_KINGBR	KINGSBURG COGEN	34.5	caiso_chp	CISO	physical	cogen
KINGRV_7_UNIT 1	KINGS RIVER HYDRO UNIT 1	51.2	caiso_hydro	CISO	physical	hydro
KIRKER_7_KELCYN	KELLER CANYON LANDFILL GEN FACILITY	3.56	caiso_biomass	CISO	physical	biomass_wood
KINGBRD_2_SOLAR1	KINGBIRD SOLAR A	20	caiso_solar	CISO	physical	utility_pv
KINGBRD_2_SOLAR2	KINGBIRD SOLAR B	20	caiso_solar	CISO	physical	utility_pv
KINGBRG_1_KBSLR1	KINGSBURG1	1.5	caiso_solar	CISO	physical	utility_pv
KINGBRG_1_KBSLR2	KINGSBURG2	1.5	caiso_solar	CISO	physical	utility_pv
KNGCTY_6_UNITA1	KING CITY ENERGY CENTER, UNIT 1	44.6	caiso_peaker2	CISO	physical	gas_ct
KNTSTH_6_SOLAR	KENT SOUTH	20	caiso_solar	CISO	physical	utility_pv
KRAMER_1_KJSSR5	NAN	30.00	caiso_solar	CISO	physical	utility_pv
KRAMER_1_SEGS37	NAN	72.06	caiso_solar	CISO	physical	utility_pv
KRAMER_1_SEGSR3	NAN	30.00	caiso_solar	CISO	physical	utility_pv
KRAMER_1_SEGSR4	NAN	30.88	caiso_solar	CISO	physical	utility_pv
KRAMER_2_SEGS 8	KRAMER JUNCTION 8	80	caiso_solar	CISO	physical	utility_pv
KRAMER_2_SEGS 9	KRAMER JUNCTION 9	80	caiso_solar	CISO	physical	utility_pv
KRAMER_2_SEGS89	NAN	80	caiso_solar	CISO	physical	utility_pv
KRNCNY_6_UNIT	KERN CANYON POWERHOUSE	10.6	caiso_small_hydro	CISO	physical	small_hydro
KYCOR_6_KMSBT1	KEARNY MESA STORAGE	1	caiso_li_battery	CISO	physical	hr_batteries
LACIEN_2_VENICE	MWD VENICE HYDROELECTRIC RECOVERY PL	9.95	caiso_hydro	CISO	physical	hydro
LAGBEL_6_QF	NAN	0.35	caiso_chp	CISO	physical	cogen
LAKE	NAN	51	ldwp_peaker	LADWP	physical	gas_ct
LAKESIDE_BIOGAS_LLC	NAN	3	caiso_biogas	CISO	physical	biogas
LAKHDG_6_UNIT 1	LAKE HODGES PUMPED STORAGE-UNIT1	20	caiso_pumped_hydro	CISO	physical	pumped_storage
LAKHDG_6_UNIT 2	LAKE HODGES PUMPED STORAGE-UNIT2	20	caiso_pumped_hydro	CISO	physical	pumped_storage
LAMONT_1_SOLAR1	REGULUS SOLAR	60	caiso_solar	CISO	physical	utility_pv
LAMONT_1_SOLAR2	REDWOOD SOLAR FARM 4	20	caiso_solar	CISO	physical	utility_pv
LAMONT_1_SOLAR3	WOODMERE SOLAR FARM	14.99	caiso_solar	CISO	physical	utility_pv
LAMONT_1_SOLAR4	HAYWORTH SOLAR FARM	26.66	caiso_solar	CISO	physical	utility_pv
LAMONT_1_SOLAR5	REDCREST SOLAR FARM	16.66	caiso_solar	CISO	physical	utility_pv
LAPAC_6_UNIT	LOUISIANA PACIFIC SAMOA	20	caiso_biomass	CISO	physical	biomass_wood
LAPLMA_2_UNIT 1	LA PALOMA GENERATING PLANT UNIT #1	267	caiso_ccgt1	CISO	physical	gas_cc
LAPLMA_2_UNIT 2	LA PALOMA GENERATING PLANT UNIT #2	266	caiso_ccgt1	CISO	physical	gas_cc
LAPLMA_2_UNIT 3	LA PALOMA GENERATING PLANT UNIT #3	266	caiso_ccgt1	CISO	physical	gas_cc
LAPLMA_2_UNIT 4	LA PALOMA GENERATING PLANT, UNIT #4	267	caiso_ccgt1	CISO	physical	gas_cc
LARKSP_6_UNIT 1	LARKSPUR PEAKER UNIT 1	46.1	caiso_peaker1	CISO	physical	gas_ct
LARKSP_6_UNIT 2	LARKSPUR PEAKER UNIT 2	47.98	caiso_peaker1	CISO	physical	gas_ct
LAROA2_2_UNITA1	LR2	322	caiso_ccgt2	CISO	physical	gas_cc
LASSEN_6_UNITS	HONEY LAKE POWER	30	caiso_biomass	CISO	physical	biomass_wood
LAWRNC_7_SUNYVL	CITY OF SUNNYVALE UNIT 1 AND 2	0.3	caiso_chp	CISO	physical	cogen
LEATHERS	NAN	42	iid_geothermal	IID	physical	geothermal
LEBEC2_2_UNITS	PASTORIA ENERGY FACILITY	799.47	caiso_ccgt1	CISO	physical	gas_cc
LECEF_1_UNITS	LOS ESTEROS ENERGY FACILITY AGGREGATE	309.84	caiso_ccgt2	CISO	physical	gas_cc
LECONT_2_LESBT1	LeConte Energy Storage	125	caiso_li_battery	CISO	physical	hr_batteries
LEPRFD_1_KANSAS	KANSAS	20	caiso_solar	CISO	physical	utility_pv
LGHTHP_6_ICEGEN	CARSON COGENERATION	48	caiso_ccgt1	CISO	physical	gas_ct
LHILLS_6_SOLAR1	LOST HILLS SOLAR	20	caiso_solar	CISO	physical	utility_pv
LILIAC_6_SOLAR	MESA CREST	3	caiso_solar	CISO	physical	utility_pv
LITLRK_6_GBCSR1	GREEN BEANWORKS C	3	caiso_solar	CISO	physical	utility_pv
LITLRK_6_SEPV01	GESTAMP SOLAR 1	2	caiso_solar	CISO	physical	utility_pv
LITLRK_6_SOLAR1	LANCASTER LITTLE ROCK C	5	caiso_solar	CISO	physical	utility_pv
LITLRK_6_SOLAR2	PALMDALE 18	2	caiso_solar	CISO	physical	utility_pv
LITLRK_6_SOLAR3	ONE TEN PARTNERS	2	caiso_solar	CISO	physical	utility_pv
LITLRK_6_SOLAR4	LITTLE ROCK PHAM SOLAR	3	caiso_solar	CISO	physical	utility_pv
LIVEOK_6_SOLAR	HARRIS	1.25	caiso_solar	CISO	physical	utility_pv
LIVOAK_1_UNIT 1	LIVE OAK LIMITED	49.7	caiso_peaker2	CISO	physical	gas_ct
LAGAS	NAN	20	caiso_li_battery	CISO	physical	hr_batteries
LMBEPK_2_UNITA1	LAMBIE ENERGY CENTER, UNIT #1	47.5	caiso_peaker2	CISO	physical	gas_ct
LMBEPK_2_UNITA2	CREED ENERGY CENTER, UNIT #1	47.6	caiso_peaker2	CISO	physical	gas_ct
LMBEPK_2_UNITA3	GOOSE HAVEN ENERGY CENTER, UNIT #1	47.4	caiso_peaker2	CISO	physical	gas_ct
LMEC_1_PL1X3	LOS MEDANOS ENERGY CENTER AGGREGATE	580	caiso_ccgt1	CISO	physical	gas_cc
LNCTR_6_CREST	NAN	5.5	caiso_solar	CISO	physical	utility_pv
LNCTR_6_SOLAR2	SEPV SIERRA NGR	2.75	caiso_solar	CISO	physical	utility_pv
LOCKFD_1_BEARCK	BEAR CREEK SOLAR	1.5	caiso_solar	CISO	physical	utility_pv
LOCKFD_1_KSOLAR	KETTLEMAN SOLAR	1	caiso_solar	CISO	physical	utility_pv
LODI25_2_UNIT 1	LODI GAS TURBINE	25	caiso_peaker2	CISO	physical	gas_ct
LODIEC_2_PL1X2	LODI ENERGY CENTER	302.58	caiso_ccgt1	CISO	physical	gas_cc
LOTUS_6_LFSFR1	LOTUS SOLAR FARM	50	caiso_solar	CISO	physical	utility_pv
LOWGAP_1_SUPHR	MILL & SULPHUR CREEK HYDRO	0.99	caiso_small_hydro	CISO	physical	small_hydro
LOWGAP_7_OFUNTS	MATTHEWS DAM HYDRO	1.35	caiso_hydro	CISO	physical	hydro
LTBEAR_1_LB3SR3	LITTLE BEAR 3 SOLAR	20	caiso_solar	CISO	physical	utility_pv
LTBEAR_1_LB4SR4	LITTLE BEAR 4	50	caiso_solar	CISO	physical	utility_pv
LTBEAR_1_LB4SR5	LITTLE BEAR 4 SOLAR 5	50	caiso_solar	CISO	physical	utility_pv
LTBERA_1_LB1SR1	LITTLE BEAR SOLAR 1	40	caiso_solar	CISO	physical	utility_pv
MAGNLA_6_ANAHEIM	MAGNOLIA POWER PLANT ANAHEIM	109	ldwp_ccgt	LADWP	specifiedimport	gas_cc
MAGNLA_6_CERRITOS	MAGNOLIA POWER PLANT CERRITOS	12	ldwp_ccgt	LADWP	specifiedimport	gas_cc
MAGNLA_6_COLTON	MAGNOLIA POWER PROJECT	12	caiso_ccgt1	LADWP	specifiedimport	gas_cc
MAGNLA_6_PASADENA	MAGNOLIA POWER PLANT - PASADENA	18	caiso_ccgt1	LADWP	specifiedimport	gas_cc
MAGNOLIA_CC	MAGNOLIA	301	ldwp_ccgt	LADWP	physical	gas_cc
MAGUND_1_BKISR1	BAKERSFIELD INDUSTRIAL 1	1	caiso_solar	CISO	physical	utility_pv
MAGUND_1_BKSSR2	BAKERSFIELD SOLAR 1	5.25	caiso_solar	CISO	physical	utility_pv
MALAGA_1_PL1X2	MALAGA POWER AGGREGATE	96	caiso_peaker1	CISO	physical	gas_ct
MALCHQ_7_UNIT 1	MALACHA HYDRO L.P.	32.5	caiso_hydro	CISO	physical	hydro
MALIN_5_BPADYN	MALIN_5_BPADYN	250	CAISO_Imports	BPAT	specifiedimport	n/a
MALIN_5_GCPDDYN	GRANT COUNTY HYDRO FACILITIES	125	caiso_hydro	BPAT	specifiedimport	hydro
MALIN_5_HERMDYN	MALIN_5_HERMDYN	308	nw_ccgt	BPAT	specifiedimport	gas_cc
MALIN_5_IBERDR	IBERDROLA CENTROID SYTEM RESOURCE	100	caiso_wind	BPAT	specifiedimport	out_of_state_wind_WAOR
MALIN_5_INHRED	CSF COLUMBIA GORGE	50	caiso_wind	BPAT	specifiedimport	out_of_state_wind_WAOR
MALIN_5_INHRPG	BIGLOW CANYON	50	caiso_wind	BPAT	specifiedimport	out_of_state_wind_WAOR
MANTEC_1_ML1SR1	MANTECA LAND 1	1	caiso_solar	CISO	physical	utility_pv
MANZNA_2_WIND	MANZANA WIND	189	caiso_wind	CISO	physical	in_state_wind_south
MARCPW_6_SOLAR1	MARICOPA WEST SOLAR PV	20	caiso_solar	CISO	physical	utility_pv
MARTIN_1_SUNSET	SUNSET RESERVOIR - NORTH BASIN	4.5	caiso_solar	CISO	physical	utility_pv

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MCCARTH_6_FRIVRB	FALL RIVER MILLS PROJECT B	1.5	caiso_solar	CISO	physical	utility_pv
MCCALL_1_QF	FISH WATER	0.52	caiso_small_hydro	CISO	physical	small_hydro
MCCLLELLAN_1	NAN	74	banc_peaker	BANC	physical	gas_ct
MCCLURE_1	NAN	62	banc_peaker	BANC	physical	gas_ct
MCCLURE_2	NAN	62	banc_peaker	BANC	physical	gas_ct
MCSWAN_6_UNITS	MC SWAIN HYDRO	10	caiso_hydro	CISO	physical	hydro
MDFKRL_2_PROJECT	MIDDLE FORK AND RALSTON PSP	210	caiso_hydro	CISO	physical	hydro
MELROSESTORAGE1	NAN	20	caiso_li_battery	CISO	physical	hr_batteries
MENBIO_6_RENEW1	CALRENEW - 1(A)	5	caiso_solar	CISO	physical	utility_pv
MENBIO_6_UNIT	NAN	25.00	caiso_biomass	CISO	physical	biomass_wood
MERCED_1_SOLAR1	MISSION SOLAR	1.5	caiso_solar	CISO	physical	utility_pv
MERCED_1_SOLAR2	MERCED SOLAR	1.5	caiso_solar	CISO	physical	utility_pv
MERCFL_6_UNIT	MERCED FALLS POWERHOUSE	3.5	caiso_small_hydro	CISO	physical	small_hydro
MESAP_1_QF	SMALL QF AGGREGATION - SAN LUIS OBISPC	1	caiso_chp	CISO	physical	cogen
MESAS_2_QF	NAN	2.90	caiso_chp	CISO	physical	cogen
MESQUITE_RECOVERY	NAN	27	caiso_biomass	IID	physical	biogas
METEC_2_PL1X3	METCALF ENERGY CENTER	593.16	caiso_ccgt1	CISO	physical	gas_cc
MIDSUN_1_PL1X2	North Midway Cogens 5A 5B	9.6	caiso_peaker2	CISO	physical	gas_ct
MIDWD_2_WIND1	NAN	7.81	caiso_wind	CISO	physical	in_state_wind_south
MIDWD_2_WIND2	CORAM ENERGY	3	caiso_wind	CISO	physical	in_state_wind_south
MIDWD_6_WNDLND	NAN	7.45	caiso_wind	CISO	physical	in_state_wind_south
MIDWD_7_CORAMB	CELLC 7.5 MW TEHACHAPI PROJECT	7.5	caiso_wind	CISO	physical	in_state_wind_south
MIDWY3_2_MDSSR1	MIDWAY SOUTH SOLAR FARM	20	iid_solar	IID	specifiedimport	utility_pv
MIDWYS_2_MIDS1	MIDWAY SOLAR FARM	49.9	iid_solar	IID	specifiedimport	utility_pv
MILFORD_WIND_1_1	NAN	145	nw_wind	LADWP	physical	out_of_state_wind_WYID
MILFORD_WIND_1_2	NAN	58.5	nw_wind	LADWP	physical	out_of_state_wind_WYID
MILFORD_WIND_2	NAN	100	nw_wind	LADWP	physical	out_of_state_wind_WYID
MILFRD_7_PASADENA	MILFORD I	5	nw_wind	LADWP	specifiedimport	out_of_state_wind_WYID
MIRLOM_2_CORONA	MWD CORONA HYDROELECTRIC RECOVERY I	2.85	caiso_hydro	CISO	physical	hydro
MIRLOM_2_LNDFL	MILLIKEN LANDFILL SOLAR	3	caiso_solar	CISO	physical	utility_pv
MIRLOM_2_MLBTA	MIRA LOMA BESS A	10	caiso_li_battery	CISO	physical	hr_batteries
MIRLOM_2_MLBTB	MIRA LOMA BESS B	10	caiso_li_battery	CISO	physical	hr_batteries
MIRLOM_2_ONTARO	ONTARIO RT SOLAR	5.5	caiso_solar	CISO	physical	utility_pv
MIRLOM_2_RTS032	SPVPO32	1.5	caiso_solar	CISO	physical	utility_pv
MIRLOM_2_RTS033	SPVPO33	1	caiso_solar	CISO	physical	utility_pv
MIRLOM_2_TEMESC	MWD TEMESCAL HYDROELECTRIC RECOVERY	2.85	caiso_hydro	CISO	physical	hydro
MIRLOM_6_PEAKER	MIRA LOMA PEAKER	46	caiso_peaker1	CISO	physical	gas_ct
MIRLOM_7_MWDLKLM	LAKE MATHEWS HYDROELECTRIC RECOVERY	5	caiso_hydro	CISO	physical	hydro
MISSIX_1_QF	SMALL QF AGGREGATION - SAB FRABUCUSCI	1	caiso_chp	CISO	physical	cogen
MKTRCK_1_UNIT 1	MCKITTRICK LIMITED	47.49	caiso_peaker2	CISO	physical	gas_ct
MLPTAS_7_QFUNTS	MLPTAS_7_QFUNTS	1	caiso_chp	CISO	physical	cogen
MM_SD_MIRAMAR2	NAN	1.6	caiso_biomass	CISO	physical	biomass_wood
MNDALY_6_MCGRTH	MCGRATH BEACH PEAKER	47.2	caiso_peaker1	CISO	physical	gas_ct
MNDOTA_1_SOLAR1	NORTH STAR SOLAR 1	60	caiso_solar	CISO	physical	utility_pv
MNDOTA_1_SOLAR2	CITIZEN SOLAR B	5	caiso_solar	CISO	physical	utility_pv
MNOCAERSSTORAGE	NAN	10	caiso_li_battery	CISO	physical	hr_batteries
MOJAVE_1_SIPHON	MOJAVE SIPHON POWER PLANT	14.36	caiso_hydro	CISO	physical	hydro
MOJAVW_2_SOLAR	MOJAVE WEST	20	caiso_solar	CISO	physical	utility_pv
MONLTH_6_BATTERY	TEHACHAPI STORAGE PROJECT	7.99	caiso_li_battery	CISO	physical	hr_batteries
MONLTS_2_MONWD4	NAN	6.14	caiso_wind	CISO	physical	in_state_wind_south
MONLTS_2_MONWD5	NAN	4.04	caiso_wind	CISO	physical	in_state_wind_south
MONLTS_2_MONWD6	NAN	5.25	caiso_wind	CISO	physical	in_state_wind_south
MONLTS_2_MONWD7	NAN	6.16	caiso_wind	CISO	physical	in_state_wind_south
MONTPH_7_UNITS	MONTICELLO HYDRO AGGREGATE	12.5	caiso_small_hydro	CISO	physical	small_hydro
MOORPK_2_ACOBT1	ACORN I BESS	2	caiso_li_battery	CISO	physical	hr_batteries
MOORPK_2_CALABS	CALABASAS GAS-TO-ENERGY FACILITY	6.96	caiso_biomass	CISO	physical	biomass_wood
MOORPK_6_QF	MOORPARK QFS	0.8	caiso_small_hydro	CISO	physical	small_hydro
MORWD_6_QF	MORWIND	38.16	caiso_wind	CISO	physical	in_state_wind_south
MOSSLD_1_QF	SMALL QF AGGREGATION - SANTA CRUZ	1	caiso_chp	CISO	physical	cogen
MOSSLD_2_PSP1	MOSS LANDING POWER BLOCK 1	510	caiso_ccgt1	CISO	physical	gas_cc
MOSSLD_2_PSP2	MOSS LANDING POWER BLOCK 2	510	caiso_ccgt1	CISO	physical	gas_cc
MRCHNT_2_PL1X3	DESERT STAR ENERGY CENTER	494.58	caiso_ccgt1	CISO	physical	gas_cc
MRGT_6_MEF2	MIRAMAR ENERGY FACILITY II	44	caiso_peaker1	CISO	physical	gas_ct
MRGT_6_MMAREF	MIRAMAR ENERGY FACILITY	45	caiso_peaker1	CISO	physical	gas_ct
MRGT_6_TGEBT1	TOP GUN ENERGY STORAGE	30	caiso_li_battery	CISO	physical	hr_batteries
MRLSDS_6_SOLAR1	MORELOS SOLAR	15	caiso_solar	CISO	physical	utility_pv
MSHGT5_6_MMARLF	MIRAMAR LANDFILL	5	caiso_biomass	CISO	physical	biomass_wood
MSOLAR_2_SOLAR1	MESQUITE SOLAR 1	165	caiso_solar	CISO	physical	utility_pv
MSOLAR_2_SOLAR2	MESQUITE SOLAR 2	100.81	caiso_solar	CISO	physical	utility_pv
MSOLAR_2_SOLAR3	MESQUITE SOLAR 3, LLC	152	caiso_solar	CISO	physical	utility_pv
MSQUIT_5_SERDYN	MSQUIT_5_SERDYN	625	sw_ccgt	SRP	specifiedimport	gas_ct
MSSION_2_QF	SMALL QF AGGREGATION - SAN DIEGO	2	caiso_small_hydro	CISO	physical	small_hydro
MSTANG_2_MTGBT1	MUSTANG 1 BESS	75	caiso_li_battery	CISO	physical	hr_batteries
MSTANG_2_SOLAR	MUSTANG	30	caiso_solar	CISO	physical	utility_pv
MSTANG_2_SOLAR3	MUSTANG 3	40	caiso_solar	CISO	physical	utility_pv
MSTANG_2_SOLAR4	MUSTANG 4	30	caiso_solar	CISO	physical	utility_pv
MTHSE_G_38380_1	NAN	20	banc_solar	BANC	physical	utility_pv
MTNPOS_1_UNIT	MT.POSO COGENERATION CO.	46.64	caiso_biomass	CISO	physical	cogen
MTWIND_1_MVPWD1	Mountain View Power Project I Repower	66.6	caiso_wind	CISO	physical	in_state_wind_south
MTWIND_1_UNIT 1	MOUNTAIN VIEW POWER PROJECT I	44.4	caiso_wind	CISO	physical	in_state_wind_south
MTWIND_1_UNIT 2	MOUNTAIN VIEW POWER PROJECT II	22.2	caiso_wind	CISO	physical	in_state_wind_south
MTWIND_1_UNIT 3	MOUNTAIN VIEW POWER PROJECT III	22.44	caiso_wind	CISO	physical	in_state_wind_south
MURRAY_6_UNIT	GROSSMONT HOSPITAL	4.12	caiso_chp	CISO	physical	cogen
NAPA_RECYCLING_BIOMASS_PLANT	NAN	1	caiso_biomass	CISO	physical	biomass_wood
NAROW1_2_UNIT	NARROWS PH 1 UNIT	12	caiso_small_hydro	CISO	physical	small_hydro
NAROW2_2_UNIT	NARROWS POWERHOUSE UNIT 2	55	caiso_hydro	CISO	physical	hydro
NAVYII_2_UNITS	COSO POWER DEVELOPER (NAVY II) AGGREG	90	caiso_geothermal	CISO	physical	geothermal
NCPA_7_GP1UN1	NCPA GEO PLANT 1 UNIT 1	38.85	caiso_geothermal	CISO	physical	geothermal
NCPA_7_GP1UN2	NCPA GEO PLANT 1 UNIT 2	39.94	caiso_geothermal	CISO	physical	geothermal
NCPA_7_GP2UN3	NCPA GEO PLANT 2 UNIT 3	42.42	caiso_geothermal	CISO	physical	geothermal
NCPA_7_GP2UN4	NCPA GEO PLANT 2 UNIT 4	52.73	caiso_geothermal	CISO	physical	geothermal
NEENACH_SOLAR	NAN	3	ldwp_solar	LADWP	physical	utility_pv
NEENCH_6_SOLAR	ALPINE SOLAR	66	caiso_solar	CISO	physical	utility_pv
NEWARK_1_QF	NEWARK 1 QF	0.1	caiso_chp	CISO	physical	cogen
NGILAA_5_SGDYDYN	NGILAA_5_SGDYDYN	57	sw_ct	AZPS	specifiedimport	gas_ct
NHOGAN_6_UNITS	NEW HOGAN PH AGGREGATE	4	caiso_hydro	CISO	physical	hydro
NILAND_1	NAN	50	iid_peaker	IID	physical	gas_ct
NILAND_2	NAN	50	iid_peaker	IID	physical	gas_ct
NIMITG_6_NICOGN	NORTH ISLAND COGEN	4.05	caiso_chp	CISO	physical	cogen
NIMITG_6_NIQF	NAN	42.70	caiso_chp	CISO	physical	cogen
NORTH_BRAWLEY_01	NAN	16	iid_geothermal	IID	physical	geothermal

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NORTH_BRAWLEY_02	NAN	16 iid_geothermal	IID	physical	geothermal
NORTH_BRAWLEY_03	NAN	16 iid_geothermal	IID	physical	geothermal
NORTH_BRAWLEY_04	NAN	16 iid_geothermal	IID	physical	geothermal
NORTH_BRAWLEY_05	NAN	16 iid_geothermal	IID	physical	geothermal
NORTH_BRAWLEY_06	NAN	16 iid_geothermal	IID	physical	geothermal
NORTH_FORK_COMMUNITY_POWER	NAN	2 caiso_biomass	CISO	physical	biomass_wood
NOVATO_6_LNDFL	REDWOOD RENEWABLE ENERGY	3.9 caiso_biogas	CISO	physical	biogas
NWCSTL_7_UNIT 1	NEWCASTLE HYDRO	12 caiso_hydro	CISO	physical	hydro
NZWIND_2_WDSTR5	WINDSTREAM 6111	6.31 caiso_wind	CISO	physical	in_state_wind_south
NZWIND_6_CALWND	WIND RESOURCE I	9 caiso_wind	CISO	physical	in_state_wind_south
NZWIND_6_WDSTR	WINDSTREAM 39	3.35 caiso_wind	CISO	physical	in_state_wind_south
NZWIND_6_WDSTR2	WINDSTREAM 6040	4.07 caiso_wind	CISO	physical	in_state_wind_south
NZWIND_6_WDSTR3	WINDSTREAM 6041	3.86 caiso_wind	CISO	physical	in_state_wind_south
NZWIND_6_WDSTR4	WINDSTREAM 6042	6.77 caiso_wind	CISO	physical	in_state_wind_south
OAK_C_1_EBMUD	MWWTP PGS 1 - ENGINES	6.9 caiso_biogas	CISO	physical	biogas
OAK_C_7_UNIT 1	OAKLAND STATION C GT UNIT 1	55 caiso_peaker2	CISO	physical	gas_ct
OAK_C_7_UNIT 3	OAKLAND STATION C GT UNIT 3	55 caiso_peaker2	CISO	physical	gas_ct
OAK_C_7_UNIT_2	OAKLAND STATION C GT UNIT 2	55 caiso_peaker2	CISO	physical	gas_ct
OAK_L_1_GTG1	MWWTP PGS 2 - TURBINE	4.6 caiso_biomass	CISO	physical	biomass_wood
OAKWD_6_QF	OAK CREEK	27.87 caiso_wind	CISO	physical	in_state_wind_south
OAKWD_6_ZEPHWD	ZEPHYR PARK	3.5 caiso_wind	CISO	physical	in_state_wind_south
OASIS_6_CREST	NAN	13.5 caiso_solar	CISO	physical	utility_pv
OASIS_6_GBDSR4	GREEN BEANWORKS D	3 caiso_solar	CISO	physical	utility_pv
OASIS_6_LPPSR1	Lancaster Psomas PV	3 caiso_solar	CISO	physical	utility_pv
OASIS_6_SOLAR1	MORGAN LANCASTER I	1.5 caiso_solar	CISO	physical	utility_pv
OASIS_6_SOLAR2	OASIS SOLAR	20 caiso_solar	CISO	physical	utility_pv
OASIS_6_SOLAR3	SOCGER CENTER	3 caiso_solar	CISO	physical	utility_pv
OCI_SOLAR_LAKESIDE	NAN	2 caiso_solar	CISO	physical	utility_pv
OCTILO_5_WIND	OCOTILLO WIND ENERGY FACILITY	265 caiso_wind	CISO	physical	in_state_wind_south
OGROVE_6_PL1X2	ORANGE GROVE ENERGY CENTER	96 caiso_peaker2	CISO	physical	gas_ct
OILFLD_7_QFUNTS	NACIMIENTO HYDROELECTRIC PLANT	3.8 caiso_hydro	CISO	physical	hydro
OLDRIV_6_BIOGAS	BIDART OLD RIVER 1	2 caiso_biomass	CISO	physical	biomass_wood
OLDRIV_6_CESDBM	CES DAIRY BIOGAS	1 caiso_biogas	CISO	physical	biogas
OLDRIV_6_LKVB1	LAKEVIEW DAIRY BIOGAS	1 caiso_biogas	CISO	physical	biogas
OLDRIV1_6_SOLAR	OLD RIVER ONE	20 caiso_solar	CISO	physical	utility_pv
OLINDA_2_COYCRK	MWD COYOTE CREEK HYDROELECTRIC RECO	3.13 caiso_hydro	CISO	physical	hydro
OLINDA_2_LNDFL2	BREA POWER II	28.1 caiso_biomass	CISO	physical	biomass_wood
OLINDA_2_QF	OLINDA QFS	0.4 caiso_small_hydro	CISO	physical	small_hydro
OLINDA_7_BKSNL	BLACKSAND GENERATING FACILITY	8 caiso_biomass	CISO	physical	biomass_wood
OLINDA_7_LNDFIL	NAN	5.6 caiso_biomass	CISO	physical	biomass_wood
OLIVE_O1	NAN	44 ldwp_st	LADWP	physical	steam
OLIVE_O2	NAN	55 ldwp_st	LADWP	physical	steam
OLIVP_1_SOLAR	WHITE RIVER SOLAR	20 caiso_solar	CISO	physical	utility_pv
OLIVP_1_SOLAR2	WHITE RIVER WEST	19.75 caiso_solar	CISO	physical	utility_pv
OLSEN_2_UNIT	OLSEN POWER PARTNERS	5.8 caiso_small_hydro	CISO	physical	small_hydro
OMAR_2_UNIT 1	KERN RIVER COGENERATION CO. UNIT 1	78 caiso_peaker1	CISO	physical	gas_ct
OMAR_2_UNIT 2	KERN RIVER COGENERATION CO. UNIT 2	78.11 caiso_peaker1	CISO	physical	gas_ct
OMAR_2_UNIT 3	KERN RIVER COGENERATION CO. UNIT 3	81.41 caiso_peaker1	CISO	physical	gas_ct
OMAR_2_UNIT 4	KERN RIVER COGENERATION CO. UNIT 4	81.44 caiso_peaker1	CISO	physical	cogen
ONLLPP_6_UNITS	O'NEILL PUMP-GEN (AGGREGATE)	25.2 caiso_pumped_hydro	CISO	physical	pumped_storage
ORLND_6_HIGHLI	HIGH LINE CANAL HYDRO	0.5 caiso_hydro	CISO	physical	hydro
ORLND_6_SOLAR1	ENERPARC CALIFORNIA 2	1.5 caiso_solar	CISO	physical	utility_pv
ORMESA_1_E	NAN	12.9 iid_geothermal	IID	physical	geothermal
ORMESA_1_H	NAN	12.9 iid_geothermal	IID	physical	geothermal
ORMESA_I	NAN	33.5 iid_geothermal	IID	physical	geothermal
ORMESA_II_OEC21	NAN	15 iid_geothermal	IID	physical	geothermal
ORMESA_II_OEC22	NAN	15 iid_geothermal	IID	physical	geothermal
ORMOND_7_UNIT 1	ORMOND BEACH GEN STA. UNIT 1	741.27 caiso_st	CISO	physical	steam
ORMOND_7_UNIT 2	ORMOND BEACH GEN STA. UNIT 2	750 caiso_st	CISO	physical	steam
ORNI33_LLC	NAN	20 iid_solar	IID	physical	utility_pv
OROLOM_1_SOLAR1	ORO LOMA SOLAR 1	10 caiso_solar	CISO	physical	utility_pv
OROLOM_1_SOLAR2	ORO LOMA SOLAR 2	10 caiso_solar	CISO	physical	utility_pv
OROVIL_6_UNIT	OROVILLE COGENERATION, LP	7.5 caiso_chp	CISO	physical	cogen
ORTGA_6_ME1S1	MERCED 1	3 caiso_solar	CISO	physical	utility_pv
OSO_6_NSPIN	OSO_6_NSPIN	70 caiso_pumped_hydro	CISO	physical	pumped_storage
OTAY_6_ECVBT1	EnerSmart Chula Vista 1	3 caiso_li_battery	CISO	physical	hr_batteries
OTAY_6_ECVBT2	Chula Vista 2	3 caiso_li_battery	CISO	physical	hr_batteries
OTAY_6_LNDFL5	NAN	1.5 caiso_biogas	CISO	physical	biogas
OTAY_6_LNDFL6	NAN	1.5 caiso_biogas	CISO	physical	biogas
OTAY_6_PL1X2	CHULA VISTA ENERGY CENTER, LLC	35.5 caiso_peaker2	CISO	physical	gas_ct
OTAY_6_UNITB1	NAN	3 caiso_biogas	CISO	physical	biogas
OTMESA_2_PL1X3	OTAY MESA ENERGY CENTER	603.68 caiso_ccg1	CISO	physical	gas_cc
OXBOW_6_DRUM	OXBOW HYDRO	5.8 caiso_hydro	CISO	physical	hydro
OXMTN_6_LNDFIL	OX MOUNTAIN LANDFILL GENERATING PLANT	10.62 caiso_biomass	CISO	physical	biomass_wood
PACLUM_6_UNIT	HUMBOLDT REDWOOD	28.8 caiso_biomass	CISO	physical	biomass_wood
PADUA_2_ONTARO	ONTARIO/SIERRA HYDRO PSP	1.92 caiso_small_hydro	CISO	physical	small_hydro
PADUA_2_SOLAR1	KONA SOLAR - RANCHO DC #1	1.75 caiso_solar	CISO	physical	utility_pv
PADUA_6_MWDSM	SAN DIMAS HYDROELECTRIC RECOVERY PLANT	9.9 caiso_hydro	CISO	physical	hydro
PADUA_6_QF	PADUA QFS	1.82 caiso_small_hydro	CISO	physical	small_hydro
PADUA_7_SDIMAS	SAN DIMAS WASH HYDRO	1.05 caiso_small_hydro	CISO	physical	small_hydro
PAIGES_6_SOLAR	PAIGE SOLAR	20 caiso_solar	CISO	physical	utility_pv
PALALT_7_COBUG	COOPERATIVELY OWNED BACK UP GENERAT	4.5 caiso_peaker2	CISO	physical	gas_ct
PALO_VERDE_3_LADWP	NAN	407 ldwp_nuclear	LADWP	physical	nuclear
PALOMR_2_PL1X3	PALOMAR ENERGY CENTER	575 caiso_ccg1	CISO	physical	gas_cc
PANDBL_6_UNIT	NAN	49.00 caiso_biomass	CISO	physical	biomass_wood
PANSEA_1_PANARO	NAN	30 caiso_wind	CISO	physical	in_state_wind_south
PARDEB_6_UNITS	PARDEE POWER HOUSE	30 caiso_hydro	CISO	physical	hydro
PARQUEOLICO	NAN	10 caiso_wind	CISO	physical	in_state_wind_south
PBLOSM_2_SOLAR	PEARLOSSOM	9.5 caiso_solar	CISO	physical	utility_pv
PEABDY_2_LNDFIL	G2 ENERGY HAY ROAD POWER PLANT	1.6 caiso_biomass	CISO	physical	biomass_wood
PEABDY_2_LNDFL1	POTRERO HILLS ENERGY PRODUCERS	8 caiso_biomass	CISO	physical	biomass_wood
PEARBL_2_NSPIN	PEARBL_2_NSPIN	118 caiso_pumped_hydro	CISO	physical	pumped_storage
PEASE_1_TBEBT1	Tierra Buena Energy Storage	5 caiso_li_battery	CISO	physical	hr_batteries
PEORIA_1_SOLAR	SONORA 1	1.5 caiso_solar	CISO	physical	utility_pv
PGE_BAY_BIP_DO	NAN	90 caiso_loadmod	CISO	physical	demand_response
PGE_BAY_CBP_DA_NONRES	NAN	0.1 caiso_loadmod	CISO	physical	demand_response
PGE_BAY_CBP_DA_RES	NAN	0.1 caiso_loadmod	CISO	physical	demand_response
PGE_BAY_PDP_NON_RES	NAN	4 caiso_loadmod	CISO	physical	demand_response
PGE_BAY_SMARTAC_NON_RES	NAN	0.1 caiso_loadmod	CISO	physical	demand_response
PGE_BAY_SMARTAC_RES	NAN	0.1 caiso_loadmod	CISO	physical	demand_response
PGE_BAY_SMARTRATE_RES	NAN	0.1 caiso_loadmod	CISO	physical	demand_response

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PGE_VAL_BIP_DO	NAN	267	caiso_loadmod	CISO	physical	demand_response
PGE_VAL_CBP_DA	NAN	0.1	caiso_loadmod	CISO	physical	demand_response
PGE_VAL_CBP_DA_RES	NAN	0.1	caiso_loadmod	CISO	physical	demand_response
PGE_VAL_SMARTAC_NON_RES	NAN	0.1	caiso_loadmod	CISO	physical	demand_response
PGE_VAL_SMARTAC_RES	NAN	0.1	caiso_loadmod	CISO	physical	demand_response
PGE_VAL_SMARTRATE_RES	NAN	2	caiso_loadmod	CISO	physical	demand_response
PHOENX_1_UNIT	PHOENIX PH	2	caiso_small_hydro	CISO	physical	small_hydro
PINE_TREE_SOLAR	NAN	8.5	ldwp_solar	LADWP	physical	utility_pv
PINE_TREE_WIND	NAN	120	ldwp_wind	LADWP	physical	out_of_state_wind_WYID
PINFLT_7_UNITS	PINE FLAT HYDRO AGGREGATE	198.51	caiso_hydro	CISO	physical	hydro
PIOPIC_2_CTG1	PIO PICO UNIT 1	111.3	caiso_peaker1	CISO	physical	gas_ct
PIOPIC_2_CTG2	PIO PICO UNIT 2	112.7	caiso_peaker1	CISO	physical	gas_ct
PIOPIC_2_CTG3	PIO PICO UNIT 3	112	caiso_peaker1	CISO	physical	gas_ct
PIT1_6_FRIVRA	FALL RIVER MILLS PROJECT A	1.5	caiso_solar	CISO	physical	utility_pv
PIT1_7_UNIT 1	PIT PH 1 UNIT 1	32	caiso_hydro	CISO	physical	hydro
PIT1_7_UNIT 2	PIT PH 1 UNIT 2	32	caiso_hydro	CISO	physical	hydro
PIT3_7_PL1X3	PIT PH 3 UNITS 1, 2 & 3 AGGREGATE	70.6	caiso_hydro	CISO	physical	hydro
PIT4_7_PL1X2	PIT PH 4 UNITS 1 & 2 AGGREGATE	95	caiso_hydro	CISO	physical	hydro
PIT5_7_PL1X2	PIT PH 5 UNITS 1 & 2 AGGREGATE	82	caiso_hydro	CISO	physical	hydro
PIT5_7_PL3X4	PIT PH 5 UNITS 3 & 4 AGGREGATE	82	caiso_hydro	CISO	physical	hydro
PIT5_7_QFUNTS	GRASSHOPPER FLAT HYDRO	1.1	caiso_hydro	CISO	physical	hydro
PIT6_7_UNIT 1	PIT PH 6 UNIT 1	39	caiso_hydro	CISO	physical	hydro
PIT6_7_UNIT 2	PIT PH 6 UNIT 2	40	caiso_hydro	CISO	physical	hydro
PIT7_7_UNIT 1	PIT PH 7 UNIT 1	55.7	caiso_hydro	CISO	physical	hydro
PIT7_7_UNIT 2	PIT PH 7 UNIT 2	54.6	caiso_hydro	CISO	physical	hydro
PIUTE_6_GNBSR1	GREEN BEANWORKS B	3	caiso_biomass	CISO	physical	utility_pv
PLACVL_1_CHILJB	CHILI BAR HYDRO	8.4	caiso_small_hydro	CISO	physical	small_hydro
PLACVL_1_RCKCRE	ROCK CREEK HYDRO	5	caiso_small_hydro	CISO	physical	small_hydro
PLAINV_6_BSOLAR	WESTERN ANTELOPE BLUE SKY RANCH A	20	caiso_solar	CISO	physical	utility_pv
PLAINV_6_DSOLAR	WESTERN ANTELOPE DRY RANCH	10	caiso_solar	CISO	physical	utility_pv
PLAINV_6_NLRSR1	NORTH LANCASTER RANCH	20	caiso_solar	CISO	physical	utility_pv
PLAINV_6_SOLAR3	SIERRA SOLAR GREENWORKS LLC	20	caiso_solar	CISO	physical	utility_pv
PLAINV_6_SOLARC	CENTRAL ANTELOPE DRY RANCH C	20	caiso_solar	CISO	physical	utility_pv
PLMSSR_6_HISIER	HIGH SIERRA COGENERATION AGGREGATE	6	caiso_chp	CISO	physical	cogen
PLSNTG_2_INCLND	LINCOLN LANDFILL POWER PLANT	4.98	caiso_biomass	CISO	physical	biomass_wood
PMDET_6_SOLAR1	SEPV PALMDALE EAST, LLC	10	caiso_solar	CISO	physical	utility_pv
PMPJCK_1_RB2SLR	RIO BRAVO SOLAR 2	20	caiso_solar	CISO	physical	utility_pv
PMPJCK_1_SOLAR1	PUMPJACK SOLAR 1	20	caiso_solar	CISO	physical	utility_pv
PMPJCK_1_SOLAR2	RIO BRAVO SOLAR 1	20	caiso_solar	CISO	physical	utility_pv
PNCHEG_2_PL1X4	PANOCH ENERGY CENTER (AGGREGATED)	401	caiso_peaker1	CISO	physical	gas_ct
PNCHPP_1_PL1X2	MIDWAY PEAKING AGGREGATE	119.91	caiso_peaker2	CISO	physical	gas_ct
PNCHVS_2_SOLAR	PANOCH VALLEY SOLAR	140	caiso_solar	CISO	physical	utility_pv
PNOCHE_1_PL1X2	PANOCH PEAKER	49.97	caiso_peaker2	CISO	physical	gas_ct
PNOCHE_1_UNITA1	CALPEAK POWER PANOCH UNIT 1	52.01	caiso_peaker2	CISO	physical	gas_ct
POCATELLO_WASTE	NAN	0.46	caiso_biomass	CISO	physical	biomass_wood
POEPH_7_UNIT 1	POE HYDRO UNIT 1	69	caiso_hydro	CISO	physical	hydro
POEPH_7_UNIT 2	POE HYDRO UNIT 2	68.5	caiso_hydro	CISO	physical	hydro
POINTLOMA1	NAN	2.29	caiso_biomass	CISO	physical	biomass_wood
POINTLOMA2	NAN	2.29	caiso_biomass	CISO	physical	biomass_wood
POTTER_6_UNITS	POTTER VALLEY	10.1	caiso_small_hydro	CISO	physical	small_hydro
POTTER_7_VECINO	VECINO VINEYARDS LLC	1.25	caiso_hydro	CISO	physical	hydro
PRCTVY_1_MIGBT1	MIGUEL BESS	2	caiso_biomass	CISO	physical	hr_batteries
PRIMA_PLANT1	NAN	3	caiso_biomass	CISO	physical	biomass_wood
PRIMA_PLANT2	NAN	3	caiso_biomass	CISO	physical	biomass_wood
PRIMM_2_SOLAR1	SILVER STATE SOUTH	250	caiso_solar	CISO	physical	utility_pv
PROXIMASOLAR	NAN	50	caiso_solar	CISO	physical	utility_pv
PROXIMASTORAGE	NAN	5	caiso_li_battery	CISO	physical	hr_batteries
PSWEET_1_STRUCZ	SANTA CRUZ ENERGY LLC	1.6	caiso_biogas	CISO	physical	biogas
PSWEET_7_QFUNTS	PSWEET_7_QFUNTS	1	caiso_chp	CISO	physical	cogen
PTLOMA_6_NTCGGN	NAN	2.58	caiso_chp	CISO	physical	cogen
PTLOMA_6_NTCQF	NTC/MCRD COGENERATION	22.3	caiso_chp	CISO	physical	cogen
PUTCHR_1_PCNSB1	Putah Creek Solar Farm North	3	caiso_solar	CISO	physical	utility_pv
PUTCHR_1_SOLAR1	PUTAH CREEK SOLAR FARM	1.98	caiso_solar	CISO	physical	utility_pv
PVERDE_5_SCEDYN	PVERDE_5_SCEDYN	635	caiso_nuclear	SRP	specifiedimport	nuclear
PWEST_1_UNIT	PACIFIC WEST 1 WIND GENERATION	2.1	caiso_wind	CISO	physical	in_state_wind_south
QUARANTINASTORAGE	NAN	10	caiso_li_battery	CISO	physical	hr_batteries
RABBITBRUSHSTORAGE	NAN	20	caiso_li_battery	CISO	physical	hr_batteries
RACEWAYSOLAR	NAN	125	caiso_solar	CISO	physical	utility_pv
RACEWAYSTORAGE	NAN	80	caiso_li_battery	CISO	physical	hr_batteries
RAMON_2_SCEDYN	RAMON_2_SCEDYN	106.18	lid_geothermal	IID	specifiedimport	geothermal
RANCHO_2_SMUDSYSDYN	SMUD REGULATION MARKET	124	caiso_specified_imports	BANC	specifiedimport	n/a
RATSKS_2_NROSR1	NORTH ROSAMOND SOLAR	150	caiso_solar	CISO	physical	utility_pv
RATSKS_2_RBSSB1	Rabbitbrush Solar 1	60	caiso_solar	CISO	physical	utility_pv
RATSKS_2_RBSSB2	Rabbitbrush Solar 2	40	caiso_solar	CISO	physical	utility_pv
RCKCRK_7_UNIT 1	ROCK CREEK HYDRO UNIT 1	57	caiso_hydro	CISO	physical	hydro
RCKCRK_7_UNIT 2	ROCK CREEK HYDRO UNIT 2	56.9	caiso_hydro	CISO	physical	hydro
RDWAY_1_CREST	NAN	6.5	caiso_solar	CISO	physical	utility_pv
RE_BR1_26960_1	NAN	61.1	ldwp_solar	LADWP	physical	utility_pv
RE_GASKELL_WEST_3	NAN	20	caiso_solar	CISO	physical	utility_pv
RE_GASKELL_WEST_4	NAN	20	caiso_solar	CISO	physical	utility_pv
RE_GASKELL_WEST_5	NAN	20	caiso_solar	CISO	physical	utility_pv
RECTOR_2_CREST	NAN	14	caiso_solar	CISO	physical	utility_pv
RECTOR_2_IVANPV	IVANHOE TULARE PV	3.5	caiso_solar	CISO	physical	utility_pv
RECTOR_2_KAWEAH	KAWEAH PH 2 & 3 PSP AGGREGATE	6.55	caiso_small_hydro	CISO	physical	small_hydro
RECTOR_2_KAWH 1	KAWEAH PH 1 UNIT 1	2.25	caiso_hydro	CISO	physical	hydro
RECTOR_2_QF	KAWEAH UNIT 1	20.09	caiso_small_hydro	CISO	physical	small_hydro
RECTOR_2_TFDBM1	TWO FIETS DAIRY DIGESTER	0.8	caiso_biomass	CISO	physical	biomass_wood
RECTOR_7_TULARE	MM TULARE	1.5	caiso_biomass	CISO	physical	biomass_wood
REDBLF_6_UNIT	RED BLUFF PEAKER PLANT	44	caiso_reciprocating_engine	CISO	physical	ice
REDDING_POWER_1	NAN	17.03	banc_peaker	BANC	physical	gas_ct
REDDING_POWER_2	NAN	25.03	banc_peaker	BANC	physical	gas_ct
REDDING_POWER_3	NAN	25.03	banc_peaker	BANC	physical	gas_ct
REDDING_POWER_CC	NAN	121	banc_cogt	BANC	physical	gas_cc
REDMAN_2_SOLAR	LANCASTER EAST AVENUE F	3.75	caiso_solar	CISO	physical	utility_pv
REDMAN_6_AVSSR1	ANTELOPE VALLEY SOLAR	3	caiso_solar	CISO	physical	utility_pv
REDOND_7_UNIT 5	REDONDO GEN STA. UNIT 5	178.87	caiso_st	CISO	physical	steam
REDOND_7_UNIT 6	REDONDO GEN STA. UNIT 6	175	caiso_st	CISO	physical	steam
REDOND_7_UNIT 8	REDONDO GEN STA. UNIT 8	480	caiso_st	CISO	physical	steam
REEDLY_6_SOLAR	TERZIAN	1.23	caiso_solar	CISO	physical	utility_pv
RENWD_1_OF	RENWIND RE-POWERING PROJECT	10	caiso_wind	CISO	physical	in_state_wind_south
REXFORDSOLAR	NAN	300	caiso_solar	CISO	physical	utility_pv

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REXFORDSTORAGE	NAN	180 caiso_li_battery	CISO	physical	hr_batteries
RHONDO_6_PUENTE	NAN	4.00 caiso_biogas	CISO	physical	biogas
RICHMN_1_CHVSR2	CHEVRON 8.5	8.5 caiso_solar	CISO	physical	utility_pv
RICHMN_1_SOLAR	CHEVRON 2	2 caiso_solar	CISO	physical	utility_pv
RICHMN_7_BAYENV	BAY ENVIRONMENTAL (NOVE POWER)	2.5 caiso_biomass	CISO	physical	biomass_wood
RIOBRV_6_UNIT 1	RIO BRAVO HYDRO	14 caiso_hydro	CISO	physical	hydro
RIOOSO_1_QF	SMALL QF AGGREGATION - GRASS VALLEY	1.11 caiso_small_hydro	CISO	physical	small_hydro
RIPON_1	NAN	50 banc_peaker	BANC	physical	gas_ct
RIPON_2	NAN	50 banc_peaker	BANC	physical	gas_ct
RNDMTN_2_SLSPHY1	SILVER SPRINGS	0.6 caiso_hydro	CISO	physical	hydro
RNDSBG_1_HZASR1	HAZEL A	2.99 caiso_solar	CISO	physical	utility_pv
ROCKWOOD_1	NAN	25 iid_peaker	IID	physical	gas_ct
ROCKWOOD_2	NAN	25 iid_peaker	IID	physical	gas_ct
ROLLIN_6_UNIT	ROLLINS HYDRO	13.5 caiso_hydro	CISO	physical	hydro
ROSEVILLE_1	NAN	25.6 banc_peaker	BANC	physical	gas_ct
ROSEVILLE_2	NAN	25.6 banc_peaker	BANC	physical	gas_ct
ROSMDW_2_WIND1	PACIFIC WIND - PHASE 1	140 caiso_wind	CISO	physical	in_state_wind_south
ROSMND_6_SOLAR	LANCASTER B	3 caiso_solar	CISO	physical	utility_pv
RMSLR_6_SOLAR1	ROSAMOND ONE	20 caiso_solar	CISO	physical	utility_pv
RMSLR_6_SOLAR2	ROSAMOND TWO	20 caiso_solar	CISO	physical	utility_pv
RTEDDY_2_SC1SR3	ROSAMOND WEST SOLAR CLEAN	40 caiso_solar	CISO	physical	utility_pv
RTEDDY_2_SEBSR3	ROSAMOND WEST SOLAR EAST BAY 3	56 caiso_solar	CISO	physical	utility_pv
RTEDDY_2_SEBSR4	ROSAMOND WEST SOLAR EAST BAY 4	56 caiso_solar	CISO	physical	utility_pv
RTEDDY_2_SOLAR1	ROSAMOND WEST SOLAR 1	54 caiso_solar	CISO	physical	utility_pv
RTEDDY_2_SOLAR2	ROSAMOND WEST SOLAR 2	54 caiso_solar	CISO	physical	utility_pv
RTEDDY_2_SPASR4	ROSAMOND WEST SOLAR PALO ALTO	26 caiso_solar	CISO	physical	utility_pv
RTEDDY_2_SRXSR4	ROSAMOND WEST SOLAR ROSIE X	13.6 caiso_solar	CISO	physical	utility_pv
RTREE_2_WIND1	RISING TREE 1	79.2 caiso_wind	CISO	physical	in_state_wind_south
RTREE_2_WIND2	RISING TREE 2	19.8 caiso_wind	CISO	physical	in_state_wind_south
RTREE_2_WIND3	RISING TREE 3	99 caiso_wind	CISO	physical	in_state_wind_south
RUSCTY_2_UNITS	RUSSELL CITY ENERGY CENTER	615.18 caiso_cogt2	CISO	physical	gas_cc
RVRVWV_1_UNITA1	RIVERVIEW ENERGY CENTER (GP ANTIOCH)	47.6 caiso_peaker2	CISO	physical	gas_ct
RVRSIDE_2_RERCU3	RIVERSIDE ENERGY RES. CTR UNIT 3	49 caiso_peaker1	CISO	physical	gas_ct
RVRSIDE_2_RERCU4	RIVERSIDE ENERGY RES. CTR UNIT 4	49 caiso_peaker1	CISO	physical	gas_ct
RVRSIDE_6_RERCU1	RIVERSIDE ENERGY RES. CTR UNIT 1	48.35 caiso_peaker1	CISO	physical	gas_ct
RVRSIDE_6_RERCU2	RIVERSIDE ENERGY RES. CTR UNIT 2	48.5 caiso_peaker2	CISO	physical	gas_ct
RVRSIDE_6_SOLAR1	TEQUESQUITE LANDFILL SOLAR PROJECT	7.5 caiso_solar	CISO	physical	utility_pv
RVRSIDE_6_SPRING	SPRINGS GENERATION PROJECT AGGREGATE	36 caiso_peaker1	CISO	physical	gas_ct
S_RITA_6_SOLAR1	SUN HARVEST SOLAR	1.5 caiso_solar	CISO	physical	utility_pv
SALIRV_2_UNIT	SALINAS RIVER COGENERATION	39 caiso_chp	CISO	physical	cogen
SALTON_SEA_4	NAN	42 iid_geothermal	IID	physical	geothermal
SALTON_SEA_5	NAN	50 iid_geothermal	IID	physical	geothermal
SALTON_SEA_UNIT_2_G1	NAN	10 iid_geothermal	IID	physical	geothermal
SALTON_SEA_UNIT_2_G2	NAN	5 iid_geothermal	IID	physical	geothermal
SALTON_SEA_UNIT_2_G3	NAN	5 iid_geothermal	IID	physical	geothermal
SALTSF_7_UNITS	SALT SPRINGS HYDRO AGGREGATE	46 caiso_hydro	CISO	physical	hydro
SAMPSN_6_KELCO1	KELCO QUALIFYING FACILITY	25 caiso_chp	CISO	physical	cogen
SANBRN_2_EESSB2	EdSan 1 Edwards 0	166 caiso_solar	CISO	physical	utility_pv
SANBRN_2_ES1BT3	EdSan 1 Edwards 1	51 caiso_solar	CISO	physical	utility_pv
SANBRN_2_ES2SB3	EdSan 2 Sanborn 3	42 caiso_solar	CISO	physical	utility_pv
SANBRN_2_ESABT1	EDSAN 1A	100 caiso_li_battery	CISO	physical	hr_batteries
SANBRN_2_ESBBT1	EDSAN 1B	100 caiso_li_battery	CISO	physical	hr_batteries
SANBRN_2_S52SB4	EdSan 2 Sanborn 4	36 caiso_solar	CISO	physical	utility_pv
SANDHILLCWND	NAN	80 caiso_wind	CISO	physical	in_state_wind_south
SANDLT_2_SUNITS	MOJAVE SOLAR	275 caiso_solar	CISO	physical	utility_pv
SANDRINISOL	NAN	100 caiso_solar	CISO	physical	utility_pv
SANITR_6_UNITS	LACSD CARSON WATER POLLUTION AGGREG	8 caiso_biogas	CISO	physical	biogas
SANLOB_1_LNDFIL	COLD CANYON	1.5 caiso_biomass	CISO	physical	biomass_wood
SANLOB_1_OSFBM1	OLD SANTA FE ROAD	0.85 caiso_biomass	CISO	physical	biomass_wood
SANTA_BARBARA_COUNTY_PUBLIC_WORKS_DEPARTMENT	NAN	2.274 caiso_biogas	CISO	physical	biogas
SANTFG_7_UNITS	GEYSERS CALISTOGA AGGREGATE	72 caiso_geothermal	CISO	physical	geothermal
SANTGO_2_LNDFL1	BOWERMAN POWER	19.6 caiso_biogas	CISO	physical	biogas
SANTGO_2_MABBT1	MILLIKAN AVENUE BESS	2 caiso_li_battery	CISO	physical	hr_batteries
SANWD_1_QF	SAN GORGONIO FARMS WIND FARM	31 caiso_wind	CISO	physical	in_state_wind_south
SAUGUS_2_TOLAND	NAN	1.57 caiso_biogas	CISO	physical	biogas
SAUGUS_6_MWDFTH	FOOTHILL HYDROELECTRIC RECOVERY PLANT	9.1 caiso_hydro	CISO	physical	hydro
SAUGUS_6_PTCHGN	NAN	20.78 caiso_chp	CISO	physical	cogen
SAUGUS_6_QF	SAUGUS QFS	2.19 caiso_small_hydro	CISO	physical	small_hydro
SAUGUS_7_CHIQCN	CHIQUITA CANYON LANDFILL FAC	8 caiso_biomass	CISO	physical	biomass_wood
SAUGUS_7_LOPEZ	MM LOPEZ ENERGY	6.1 caiso_biomass	CISO	physical	biomass_wood
SBERDO_2_PSP3	MOUNTAINVIEW GEN STA. UNIT 3	555 caiso_cogt1	CISO	physical	gas_cc
SBERDO_2_PSP4	MOUNTAINVIEW GEN STA. UNIT 4	555 caiso_cogt1	CISO	physical	gas_cc
SBERDO_2_QF	NAN	10.6 caiso_chp	CISO	physical	cogen
SBERDO_2_REDLND	REDLANDS RT SOLAR	2 caiso_solar	CISO	physical	utility_pv
SBERDO_2_RTS005	SPVP005 REDLANDS RT SOLAR	2.5 caiso_solar	CISO	physical	utility_pv
SBERDO_2_RTS007	SPVP007 REDLANDS RT SOLAR	2.5 caiso_solar	CISO	physical	utility_pv
SBERDO_2_RTS011	SPVP011	3.5 caiso_solar	CISO	physical	utility_pv
SBERDO_2_RTS013	SPVP013	3.5 caiso_solar	CISO	physical	utility_pv
SBERDO_2_RTS016	SPVP016 REDLANDS RT SOLAR	1.5 caiso_solar	CISO	physical	utility_pv
SBERDO_2_RTS048	SPVP048	5 caiso_solar	CISO	physical	utility_pv
SBERDO_2_SNTANA	SANTA ANA PSP	6.95 caiso_small_hydro	CISO	physical	small_hydro
SBERDO_6_MILLCK	MILL CREEK PSP	3.93 caiso_small_hydro	CISO	physical	small_hydro
SCACOGEN2_CC	NAN	65.6 banc_cogt	BANC	physical	gas_cc
SCACOGEN2GT	NAN	49 banc_peaker	BANC	physical	gas_ct
SCATTERGOOD_1	NAN	174 ldwp_st	LADWP	physical	steam
SCATTERGOOD_4	NAN	177 ldwp_st	LADWP	physical	steam
SCATTERGOOD_4	NAN	300 ldwp_peaker	LADWP	physical	gas_ct
SCATTERGOOD_5	NAN	100 ldwp_peaker	LADWP	physical	gas_ct
SCATTERGOOD_6	NAN	89 ldwp_peaker	LADWP	physical	gas_ct
SCATTERGOOD_7	NAN	89 ldwp_peaker	LADWP	physical	gas_ct
SCE_AP_1	NAN	19 caiso_loadmod	CISO	physical	demand_response
SCE_BIP_15	NAN	212 caiso_loadmod	CISO	physical	demand_response
SCE_BIP_30	NAN	606 caiso_loadmod	CISO	physical	demand_response
SCE_CBP_DA	NAN	0.1 caiso_loadmod	CISO	physical	demand_response
SCE_CBP_DO	NAN	1 caiso_loadmod	CISO	physical	demand_response
SCE_SDP_COMM	NAN	3 caiso_loadmod	CISO	physical	demand_response
SCE_SDP_RESD	NAN	1 caiso_loadmod	CISO	physical	demand_response
SCEHOV_2_HOOVER	SCEHOV_2_HOOVER	287.01 caiso_hydro	WALC	specifiedimport	hydro
SCHLTE_1_PL1X3	TRACY COMBINED CYCLE POWER PLANT	336.04 caiso_cogt2	CISO	physical	gas_cc
SCHNDR_1_FIVPTS	FIVE POINTS SOLAR STATION	15 caiso_solar	CISO	physical	utility_pv
SCHNDR_1_OS2BM2	OPEN SKY DIGESTER GENSET 2	0.8 caiso_biogas	CISO	physical	biogas

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SCHNDR_1_WSTSDE	WESTSIDE SOLAR STATION	15	caiso_solar	CISO	physical	utility_pv
SDGE_BIP	NAN	2	caiso_loadmod	CISO	physical	demand_response
SDGE_CBP_DA	NAN	0.1	caiso_loadmod	CISO	physical	demand_response
SDGE_CBP_DO	NAN	0.1	caiso_loadmod	CISO	physical	demand_response
SDGE_SUMM_SAV_RES	NAN	0.1	caiso_loadmod	CISO	physical	demand_response
SDGE_SUMMER_SAVER_COM	NAN	0.1	caiso_loadmod	CISO	physical	demand_response
SDGEAC_SAVER_DA_COMM	NAN	0.1	caiso_loadmod	CISO	physical	demand_response
SDGEAC_SAVER_DA_RES	NAN	0.1	caiso_loadmod	CISO	physical	demand_response
SDGEAC_SAVER_DO_COMM	NAN	0.1	caiso_loadmod	CISO	physical	demand_response
SDGEAC_SAVER_DO_RES	NAN	0.1	caiso_loadmod	CISO	physical	demand_response
SDSU_GEN	NAN	7	iid_solar	IID	physical	utility_pv
SEARLS_7_ARGUS	ARGUS COGENERATION	19	caiso_chp	CISO	physical	cogen
SEAWST_6_LAPOS	SEA WEST ENERGY - SEAWEST	13	caiso_wind	CISO	physical	in_state_wind_south
SECOND_IMPERIAL01_12	NAN	33	iid_geothermal	IID	physical	geothermal
SEGS_1_SR2SL2	SUNRAY 2	20	caiso_solar	CISO	physical	utility_pv
SENTNL_2_CTG1	SENTINEL UNIT 1	107.68	caiso_peaker1	CISO	physical	gas_ct
SENTNL_2_CTG2	SENTINEL UNIT 2	102.5	caiso_peaker1	CISO	physical	gas_ct
SENTNL_2_CTG3	SENTINEL UNIT 3	105.69	caiso_peaker1	CISO	physical	gas_ct
SENTNL_2_CTG4	SENTINEL UNIT 4	106.55	caiso_peaker1	CISO	physical	gas_ct
SENTNL_2_CTG5	SENTINEL UNIT 5	107.52	caiso_peaker1	CISO	physical	gas_ct
SENTNL_2_CTG6	SENTINEL UNIT 6	105	caiso_peaker1	CISO	physical	gas_ct
SENTNL_2_CTG7	SENTINEL UNIT 7	106.73	caiso_peaker1	CISO	physical	gas_ct
SENTNL_2_CTG8	SENTINEL UNIT 8	106.85	caiso_peaker1	CISO	physical	gas_ct
SEPV_BOULEVARD_2	NAN	2.9	caiso_solar	CISO	physical	utility_pv
SEVILLE_2	NAN	32.5	iid_solar	IID	physical	utility_pv
SGREGV_6_SANGER	ALGONQUIN POWER SANGER 2	48.3	caiso_chp	CISO	physical	cogen
SHANDN_2_SBBM1	SAN BERNARDINO BIOGAS	2.6	caiso_biomass	CISO	physical	biomass_wood
SHEEP_CREEK_ROAD_SOLAR_GENERATION_FACILITY_PROJECT	NAN	3	caiso_solar	CISO	physical	utility_pv
SHELRF_1_UNITS	SHELL OIL REFINERY AGGREGATE	100	caiso_peaker2	CISO	physical	gas_ct
SHUTLE_6_CREST	NAN	4	caiso_solar	CISO	physical	utility_pv
SIERRA_1_UNITS	HIGH SIERRA LIMITED	52.43	caiso_peaker2	CISO	physical	gas_ct
SIERRASTORAGE	NAN	10	caiso_li_battery	CISO	physical	hr_batteries
SIGHEB_6_MIRDYN	Heber South	17	iid_geothermal	IID	specifiedimport	geothermal
SISQUC_1_SMARIA	SANTA MARIA II LFG POWER PLANT	1.42	caiso_biomass	CISO	physical	biomass_wood
SKERN_6_SOLAR1	SOUTH KERN SOLAR PV PLANT	20	caiso_solar	CISO	physical	utility_pv
SKERN_6_SOLAR2	SKIC SOLAR	10	caiso_solar	CISO	physical	utility_pv
SLATE_2_SLASR1	SLATE	50.5	caiso_solar	CISO	physical	utility_pv
SLATE_2_SLASR2_SUN	Slate_2	46.50	caiso_solar	CISO	physical	utility_pv
SLATE_2_SLASR2_LESR	Slate_2	46.5	caiso_li_battery	CISO	physical	hr_batteries
SLATE_2_SLASR3_LESR	SLATE_3	34	caiso_li_battery	CISO	physical	hr_batteries
SLATE_2_SLASR3_SUN	SLATE_3	34	caiso_solar	CISO	physical	utility_pv
SLATE_2_SLASR4	SLATE_4	63	caiso_solar	CISO	physical	utility_pv
SLATE_2_SLASR5_LESR	Slate 5	10	caiso_li_battery	CISO	physical	hr_batteries
SLATE_2_SLASR5_SUN	Slate 5	16	caiso_solar	CISO	physical	utility_pv
SLRMS3_2_SRMRS1	SILVER RIDGE MOUNT SIGNAL 3	250	caiso_solar	CISO	physical	utility_pv
SLST13_2_SOLAR1	QUINTO SOLAR PV PROJECT	107.6	caiso_solar	CISO	physical	utility_pv
SLSTR1_2_SOLAR1	SOLAR STAR 1	310	caiso_solar	CISO	physical	utility_pv
SLSTR2_2_SOLAR2	SOLAR STAR 2	276	caiso_solar	CISO	physical	utility_pv
SLUISP_2_UNITS	SAN LUIS (GIANELLI) PUMP-GEN (AGGREGAT	374.43	caiso_pumped_hydro	CISO	physical	pumped_storage
SLYCRK_1_UNIT1	SLY CREEK HYDRO	13	caiso_hydro	CISO	physical	hydro
SMRPIP_1_SMPSON	RIPON COGENERATION UNIT 1	46.05	caiso_peaker1	CISO	physical	cogen
SMRCOS_6_LNDFIL	SAN MARCOS ENERGY	1.5	caiso_biomass	CISO	physical	biomass_wood
SMUDGO_7_UNIT1	SONOMA POWER PLANT	64.8	caiso_geothermal	CISO	physical	geothermal
SMYRNA_1_DL1SR1	DELANO LAND 1	1	caiso_solar	CISO	physical	utility_pv
SNCLRA_2_HOWLNG	HOUWELINGS NURSERIES OXNARD, INC	13	caiso_biomass	CISO	physical	biomass_wood
SNCLRA_2_SILBT1	SILVERSTRAND BESS	11	caiso_li_battery	CISO	physical	hr_batteries
SNCLRA_2_SPRHYD	SPRINGVILLE HYDROELECTRIC GENERATOR	1	caiso_small_hydro	CISO	physical	small_hydro
SNCLRA_2_UNIT	CHANNEL ISLANDS POWER	27.5	caiso_chp	CISO	physical	cogen
SNCLRA_2_UNIT1	NEW INDY OXNARD	27.8	caiso_chp	CISO	physical	cogen
SNCLRA_2_VESBT1	VENTURA ENERGY STORAGE	100	caiso_li_battery	CISO	physical	hr_batteries
SNCLRA_6_OXGEN	OXGEN	47.7	caiso_chp	CISO	physical	cogen
SNCLRA_6_PROCGN	PROCTER AND GAMBLE OXNARD 2	47.9	caiso_chp	CISO	physical	cogen
SNCLRA_6_QF	SANTA CLARA QFS	1.65	caiso_small_hydro	CISO	physical	small_hydro
SNDBAR_7_UNIT1	SANDBAR	16.2	caiso_hydro	CISO	physical	hydro
SNMALF_6_UNITS	SONOMA COUNTY LANDFILL	5	caiso_biomass	CISO	physical	biomass_wood
SNORA_2_SNRSLR	SG SORRENTO	50	iid_solar	IID	specifiedimport	utility_pv
SOL_GEN	NAN	20	iid_solar	IID	physical	utility_pv
SONRISASOLAR	NAN	100	caiso_solar	CISO	physical	utility_pv
SONRISASTORAGE	NAN	30	caiso_li_battery	CISO	physical	hr_batteries
SOUTH_2_UNIT	SOUTH HYDRO	7.1	caiso_small_hydro	CISO	physical	small_hydro
SPA_COGEN_3_CC	NAN	157	banc_ccgt	BANC	physical	gas_cc
SPANSH_6_FBEHY1	FIVE BEARS HYDROELECTRIC	0.99	caiso_hydro	CISO	physical	hydro
SPAULD_6_UNIT3	SPAULDING HYDRO PH 3 UNIT	6.5	caiso_hydro	CISO	physical	hydro
SPAULD_6_UNIT12	SPAULDING HYDRO PH 1 & 2 AGGREGATE	11.4	caiso_hydro	CISO	physical	hydro
SPBURN_2_UNIT1	BURNEY BIOMASS	22	caiso_biomass	CISO	physical	biomass_wood
SPBURN_7_SNOWMT	BURNEY CREEK HYDRO	3	caiso_small_hydro	CISO	physical	small_hydro
SPI_LI_2_UNIT1	LINCOLN BIOMASS	17.2	caiso_biomass	CISO	physical	biomass_wood
SPIAND_1_ANDNS2	SPI ANDERSON 2	27.15	caiso_biomass	CISO	physical	biomass_wood
SPICER_1_UNITS	SPICER HYDRO UNITS 1-3 AGGREGATE	6	caiso_small_hydro	CISO	physical	small_hydro
SPIFBD_1_PL1X2	SIERRA PACIFIC IND. (SONORA)	7.5	caiso_biomass	CISO	physical	biomass_wood
SPOINT_2_MEADDYN	SPOINT_2_MEADDYN	325	SW_CCGT	WALC	specifiedimport	gas_cc
SPOINT_2_PARKERDYN	SOUTHPOINT ENERGY CENTER	200	SW_CCGT	WALC	specifiedimport	gas_cc
SPQUIN_6_SRPCQU	QUINCY BIOMASS	24	caiso_biomass	CISO	physical	biomass_wood
SPRGAP_1_UNIT1	SPRING GAP HYDRO	7	caiso_hydro	CISO	physical	hydro
SPRGVL_2_CREST	NAN	14	caiso_solar	CISO	physical	utility_pv
SPRGVL_2_EXETPV	EXETER TULARE PV	3.5	caiso_solar	CISO	physical	utility_pv
SPRGVL_2_LINDPV	LINDSAY TULARE PV	4	caiso_solar	CISO	physical	utility_pv
SPRGVL_2_PORTPV	PORTERVILLE TULARE PV	3.5	caiso_solar	CISO	physical	utility_pv
SPRGVL_2_OF	SPRINGVILLE QFS	0.18	caiso_small_hydro	CISO	physical	cogen
SPRGVL_2_TULE	TULE RIVER HYDRO PLANT (PG&E)	6.4	caiso_small_hydro	CISO	physical	small_hydro
SPRGVL_2_TULESC	TULE RIVER HYDRO PLANT (SCE)	2.5	caiso_small_hydro	CISO	physical	small_hydro
SPRINGBOK_1	NAN	108	ldwp_solar	LADWP	physical	utility_pv
SPRINGBOK_2	NAN	165	ldwp_solar	LADWP	physical	utility_pv
SPRINGBOK_3	NAN	90	ldwp_solar	LADWP	physical	utility_pv
SRINTL_6_UNIT	SRI INTERNATIONAL	6.9	caiso_chp	CISO	physical	cogen
STANIS_7_UNIT1	STANISLAUS HYDRO	91	caiso_hydro	CISO	physical	hydro
STANTN_2_STAGT1	STANTON 1	49.65	caiso_peaker1	CISO	physical	gas_ct
STANTN_2_STAGT2	STANTON 2	49.65	caiso_peaker1	CISO	physical	gas_ct
STAUFF_1_UNIT	NAN	4.6	caiso_chp	CISO	physical	cogen
STIGCT_2_LODI	LODI STIG UNIT	49.9	caiso_peaker2	CISO	physical	gas_ct
STNRES_1_UNIT	COVANTA STANISLAUS	19.9	caiso_biomass	CISO	physical	biomass_wood

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STOILS_1_UNITS	CHEVRON RICHMOND REFINERY	56.2 caiso_chp	CISO	physical	cogen
STOREY_2_MDRCH2	MADERA CHOWCHILLA 2	0.56 caiso_small_hydro	CISO	physical	small_hydro
STOREY_2_MDRCH3	MADERA CHOWCHILLA 3	0.42 caiso_small_hydro	CISO	physical	small_hydro
STOREY_2_MDRCH4	MADERA CHOWCHILLA 4	0.92 caiso_small_hydro	CISO	physical	small_hydro
STOREY_7_MDRCHW	MADERA CANAL SITE 980	1.84 caiso_small_hydro	CISO	physical	small_hydro
STRAUSSWIND	NAN	99 caiso_wind	CISO	physical	in_state_wind_south
STROUD_6_SOLAR	STROUD SOLAR STATION	20 caiso_solar	CISO	physical	utility_pv
STROUD_6_WWHSR1	WINTER WHEAT SOLAR FARM	1.5 caiso_solar	CISO	physical	utility_pv
SUMWHT_6_SWSSR1	SUMMER WHEAT SOLAR FARM	18.5 caiso_solar	CISO	physical	utility_pv
SUN_EDISON_VICTORVILLE_SOLAR	NAN	10 caiso_solar	CISO	physical	utility_pv
SUNCAT_2_A1ABT1	Arlington Solar Unit 1A BESS	43 caiso_li_battery	CISO	physical	hr_batteries
SUNCAT_2_A1BBT1	Arlington Solar Unit 1B BESS	67 caiso_li_battery	CISO	physical	hr_batteries
SUNCAT_2_A2ABT2	Arlington Solar Unit 2A BESS	132 caiso_li_battery	CISO	physical	hr_batteries
SUNPEAK_IID	NAN	23 iid_solar	IID	physical	utility_pv
SUNRIS_2_PL1X3	SUNRISE POWER PROJECT AGGREGATE II	586.02 caiso_ccgt1	CISO	physical	gas_cc
SUNSET_2_UNITS	MIDWAY SUNSET COGENERATION PLANT	248 caiso_peaker1	CISO	physical	cogen
SUNSHN_2_LNDFL	SUNSHINE GAS PRODUCERS	20 caiso_biomass	CISO	physical	biomass_wood
SUNSLR_1_SVSR1	SUNSHINE VALLEY SOLAR 1	100 caiso_solar	CISO	physical	utility_pv
SUNSP_2_WNASR1	WINDHUB SOLAR A	20 caiso_solar	CISO	physical	utility_pv
SUNST2_5_SS2SR1	SUN STREAMS SOLAR 2	150 caiso_solar	CISO	physical	utility_pv
SUNSTR_5_SS1SCEDYN	SUNSTREAM SOLAR 1	150 SW_SOLAR	AZPS	specifiedimport	out_of_state_wind_AZNM
SUTTER_2_CISO	SUTTER POWER PLANT PSEUDO-CISO	275 caiso_ccgt1	BANC	specifiedimport	gas_cc
SUTTERENERGYCC_TOTAL	SUTTER POWER PLANT	250 banc_ccgt	BANC	physical	gas_cc
SWIFT_1_NAS	YERBA BUENA BATTERY	4.8 caiso_li_battery	CISO	physical	hr_batteries
SYCAMR_2_UNIT 1	SYCAMORE COGENERATION UNIT 1	86 caiso_chp	CISO	physical	cogen
SYCAMR_2_UNIT 2	SYCAMORE COGENERATION UNIT 2	78 caiso_peaker1	CISO	physical	gas_ct
SYCAMR_2_UNIT 3	SYCAMORE COGENERATION UNIT 3	78 caiso_chp	CISO	physical	cogen
SYCAMR_2_UNIT 4	SYCAMORE COGENERATION UNIT 4	78 caiso_peaker1	CISO	physical	gas_ct
TANHIL_6_SOLART	BERRY COGEN 18	17 caiso_chp	CISO	physical	cogen
TBLMTN_6_OF	SMALL QF AGGREGATION - PARADISE	1.7 caiso_small_hydro	CISO	physical	small_hydro
TECOLOTE_3_WBDYN	TECOLOTE WIND	271.68 caiso_wind	PNM	specifiedimport	out_of_state_wind_AZNM
TEHAP1_2_PW1WD1	POINT WIND 1	47.49 caiso_wind	CISO	physical	in_state_wind_south
TEHAP1_2_PW2WD2	POINT WIND 2	14.4 caiso_wind	CISO	physical	in_state_wind_south
TEHAP2_WIND1	WIND WALL MONOLITH 1	19.85 caiso_wind	CISO	physical	in_state_wind_south
TEHAP2_WIND2	WIND WALL MONOLITH 2	23.66 caiso_wind	CISO	physical	in_state_wind_south
TENGEN_2_PL1X2	BERRY COGEN 42	40.2 caiso_chp	CISO	physical	cogen
TERMEX_2_PL1X3	TDM	625 caiso_ccgt1	CISO	physical	gas_cc
TESLA_1_OF	SMALL QF AGGREGATION - STOCKTON	2 caiso_small_hydro	CISO	physical	small_hydro
THERMONO1_2	NAN	14 caiso_geothermal	CISO	physical	geothermal
THREE_MILE_CANYON	NAN	9.9 nw_wind	PACW	physical	out_of_state_wind_WAOR
TIDWTR_2_UNITS	MARTINEZ COGEN LIMITED PARTNERSHIP	114.8 caiso_chp	CISO	physical	cogen
TIERRA_DEL_SOL_SOLAR_FARM	NAN	45 iid_solar	IID	physical	utility_pv
TIFFNY_1_DILLON	TIFFNY_1_DILLON	45 caiso_wind	CISO	physical	in_state_wind_south
TIGRCK_7_UNITS	TIGER CREEK HYDRO AGGREGATE	62 caiso_hydro	CISO	physical	hydro
TITANS_2_TTSSR1	TITAN SOLAR 1 PSEUDO	70 caiso_solar	IID	specifiedimport	utility_pv
TKOPWR_6_HYDRO	BEAR CREEK HYDROELECTRIC PROJECT	2.83 caiso_small_hydro	CISO	physical	small_hydro
TMPLTN_2_SOLAR	VINTNER SOLAR	1.5 caiso_solar	CISO	physical	utility_pv
TOADTW_6_UNIT	TOAD TOWN	1.5 caiso_small_hydro	CISO	physical	small_hydro
TOPAZ_2_SOLAR	TOPAZ SOLAR FARMS	550 caiso_solar	CISO	physical	utility_pv
TORTLA_1_SOLAR	LONGBOAT SOLAR	20 caiso_solar	CISO	physical	utility_pv
TOWNSITE_2_MEADDYN_LESR	Townsite Solar BESS	90 caiso_li_battery	CISO	physical	hr_batteries
TOWNSITE_2_MEADDYN_SUN	Townsite Solar BESS	90 caiso_solar	CISO	physical	utility_pv
TRNQL8_2_AMASR1	TRANQUILLITY 8 AMARILLO	20 caiso_solar	CISO	physical	utility_pv
TRNQL8_2_AZUSR1	TRANQUILLITY 8 AZUL	20 caiso_solar	CISO	physical	utility_pv
TRNQL8_2_ROJSR1	TRANQUILLITY 8 ROJO	100 caiso_solar	CISO	physical	utility_pv
TRNQL8_2_VERSR1	TRANQUILLITY 8 VERDE	60 caiso_solar	CISO	physical	utility_pv
TRNQLT_2_RETBT1	NAN	72 caiso_li_battery	CISO	physical	hr_batteries
TRNQLT_2_SOLAR	TRANQUILLITY	200 caiso_solar	CISO	physical	utility_pv
TRNSWD_1_OF	FPL ENERGY C WIND	38.97 caiso_wind	CISO	physical	in_state_wind_south
TULARE_2_TULBM1	TULARE BIOMAT FUEL CELL	2.8 caiso_biomass	CISO	physical	biomass_wood
TULEWD_1_TULWD1	TULE WIND	130.5 caiso_wind	CISO	physical	in_state_wind_south
TULLCK_7_UNITS	TULLOCK HYDRO	25.9 caiso_hydro	CISO	physical	hydro
TUPMAN_1_BIOGAS	ABEC BIDART-STOCKALE #1	0.6 caiso_biomass	CISO	physical	biomass_wood
TVVYLV_6_KRSHY1	Kings River Syphon	1.3 caiso_hydro	CISO	physical	hydro
TWISSL_6_SOLAR	NICKEL 1 ("NLH1")	1.5 caiso_solar	CISO	physical	utility_pv
TWISSL_6_SOLAR1	CORONAL LOST HILLS	20 caiso_solar	CISO	physical	utility_pv
TX_ELK_6_SOLAR1	CASTOR	1.5 caiso_solar	CISO	physical	utility_pv
TX_ELK_6_ECKSR2	EAGLE CREEK	3 caiso_solar	CISO	physical	utility_pv
TXMCKT_6_UNIT	MCKITTRICK COGEN	11.2 caiso_chp	CISO	physical	cogen
UC_DAVIS_MC	NAN	27 banc_ccgt	BANC	physical	gas_cc
UKIAH_7_LAKEMN	UKIAH LAKE MENDOCINO HYDRO	3.5 caiso_small_hydro	CISO	physical	small_hydro
ULTPCH_1_UCSBT1	Ultrapower Chinese Station BESS	10 caiso_li_battery	CISO	physical	hr_batteries
ULTPCH_1_UNIT 1	PACIFIC ULTRAPOWER CHINESE STATION	18 caiso_biomass	CISO	physical	biomass_wood
ULTPFR_1_UNIT 1	RIO BRAVO FRESNO	24.3 caiso_biomass	CISO	physical	biomass_wood
ULTRCK_2_UNIT	RIO BRAVO ROCKLIN	24.4 caiso_biomass	CISO	physical	biomass_wood
UNCHEM_1_UNIT	CONTRA COSTA CARBON PLANT	19 caiso_chp	CISO	physical	cogen
UNOCAL_1_UNITS	TOSCO (RODEO PLANT)	49.85 caiso_chp	CISO	physical	cogen
UNVRSY_1_UNIT 1	BERRY COGEN 38 - UNIT 1	38 caiso_chp	CISO	physical	cogen
USWND2_1_WIND1	GOLDEN HILLS A	42.96 caiso_wind	CISO	physical	in_state_wind_north
USWND2_1_WIND2	GOLDEN HILLS B	42.96 caiso_wind	CISO	physical	in_state_wind_north
USWND2_1_WIND3	GOLDEN HILLS C	46 caiso_wind	CISO	physical	in_state_wind_north
USWND4_2_UNIT2	ALTAMONT LANDFILL GAS TO ENERGY	7.4 caiso_biogas	CISO	physical	biogas
USWNRD_2_LABWD1	LABRISA WIND PROJECT	9 caiso_wind	CISO	physical	in_state_wind_north
USWNRD_2_SMUD	SOLANO WIND FARM	102.18 caiso_wind	CISO	physical	in_state_wind_north
USWNRD_2_SMUD2	SOLANO WIND PROJECT PHASE 3	127.8 caiso_wind	CISO	physical	in_state_wind_north
USWNRD_2_UNITS	NAN	8 caiso_wind	CISO	physical	in_state_wind_south
USWPFK_6_FRICK	FRICK SUMMIT WIND REPOWER	10 caiso_wind	CISO	physical	in_state_wind_north
USWPJR_2_UNITS	VASCO WIND	78.2 caiso_wind	CISO	physical	in_state_wind_north
V2_GEN	NAN	3.1 iid_solar	IID	physical	utility_pv
V3_GEN	NAN	3.1 iid_solar	IID	physical	utility_pv
VACAD_1_NAS	VACA-DIXON BATTERY	0.7 caiso_li_battery	CISO	physical	hr_batteries
VACAD_1_SOLAR	VACA-DIXON SOLAR STATION	2.5 caiso_solar	CISO	physical	utility_pv
VACAD_1_UNITA1	CALPEAK POWER VACA DIXON UNIT 1	50.61 caiso_peaker2	CISO	physical	gas_ct
VALLEY_5_PERRIS	MWD PERRIS HYDROELECTRIC RECOVERY PL	7.94 caiso_small_hydro	CISO	physical	small_hydro
VALLEY_5_REDMTN	MWD RED MOUNTAIN HYDROELECTRIC RECI	5.9 caiso_hydro	CISO	physical	hydro
VALLEY_5_RTS044	NAN	8 caiso_solar	CISO	physical	utility_pv
VALLEY_5_SOLAR1	KONA SOLAR - MERIDIAN #1	1.49 caiso_solar	CISO	physical	utility_pv
VALLEY_5_SOLAR2	AP NORTH LAKE SOLAR	20 caiso_solar	CISO	physical	utility_pv
VALLEY_CC	NAN	529 ldwp_ccgt	LADWP	physical	gas_cc
VALLEY_UNIT_5	NAN	47 ldwp_peaker	LADWP	physical	gas_ct
VALTNE_2_AVASR1	VALENTINE SOLAR	100 caiso_solar	CISO	physical	utility_pv

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VALTNE_2_TBBBT1	NAN	128	caiso_solar	CISO	physical	utility_pv
VALTNE_2_TRSBT1	Tropico Solar	70	caiso_li_battery	CISO	physical	hr_batteries
VAN_DER_KOOL_DAIRY_DIGESTER	NAN	0.8	caiso_biogas	CISO	physical	biogas
VEAVST_1_SOLAR	COMMUNITY SOLAR	14.4	caiso_solar	CISO	physical	utility_pv
VEDDER_1_SEKERN	TEXACO EXPLORATION & PROD (SE KERN RIV	34.47	caiso_chp	CISO	physical	cogen
VEGA_6_SOLAR1	VEGA SOLAR	20	caiso_solar	CISO	physical	utility_pv
VENWD_1_WIND1	Windpark Unlimited 1	12.20	caiso_wind	CISO	physical	in_state_wind_south
VENWD_1_WIND2	Windpark Unlimited 2	16	caiso_wind	CISO	physical	in_state_wind_south
VENWD_1_WIND3	PAINTED HILLS	44.53	caiso_wind	CISO	physical	in_state_wind_south
VERNON_6_GONZL1	H. GONZALES UNIT #1	5.75	caiso_peaker1	CISO	physical	gas_ct
VERNON_6_GONZL2	H. GONZALES UNIT #2	5.75	caiso_peaker1	CISO	physical	gas_ct
VERNON_6_MALBRG	MALBURG GENERATING STATION	134	caiso_ccgt2	CISO	physical	gas_cc
VESTAL_2_KERN	KERN RIVER PH 3 UNITS 1 & 2 AGGREGATE	36.8	caiso_hydro	CISO	physical	hydro
VESTAL_2_RTS042	SPVPO42 PORTERVILLE SOLAR	5	caiso_solar	CISO	physical	utility_pv
VESTAL_2_SOLAR1	NICOLIS	20	caiso_solar	CISO	physical	utility_pv
VESTAL_2_SOLAR2	TROPICO	14	caiso_solar	CISO	physical	utility_pv
VESTAL_2_TSS5R1	TULARE SOLAR 5	55.8	caiso_solar	CISO	physical	utility_pv
VESTAL_2_UNIT1	CALGREN-PIXLEY	5	caiso_chp	CISO	physical	cogen
VESTAL_2_WELLHD	WELLHEAD POWER DELANO	49	caiso_peaker1	CISO	physical	gas_ct
VESTAL_6_QF	ISABELLA HYDRO DAM 1	11.95	caiso_small_hydro	CISO	physical	small_hydro
VICTOR_1_CREST	NAN	24.49	caiso_solar	CISO	physical	utility_pv
VICTOR_1_EXSLRA	EXPRESSWAY SOLAR A	2	caiso_solar	CISO	physical	utility_pv
VICTOR_1_EXSLRB	EXPRESSWAY SOLAR B	2	caiso_solar	CISO	physical	utility_pv
VICTOR_1_LVSLR1	LONE VALLEY SOLAR PARK 1	10	caiso_solar	CISO	physical	utility_pv
VICTOR_1_LVSLR2	LONE VALLEY SOLAR PARK 2	20	caiso_solar	CISO	physical	utility_pv
VICTOR_1_SLRHES	SUNEDISON - HESPERIA	1.5	caiso_solar	CISO	physical	utility_pv
VICTOR_1_SOLAR1	VICTOR PHELAN SOLAR ONE	17.5	caiso_solar	CISO	physical	utility_pv
VICTOR_1_SOLAR2	ALAMO SOLAR	20	caiso_solar	CISO	physical	utility_pv
VICTOR_1_SOLAR3	ADELANTO SOLAR 2	7	caiso_solar	CISO	physical	utility_pv
VICTOR_1_SOLAR4	ADELANTO SOLAR	20	caiso_solar	CISO	physical	utility_pv
VICTOR_1_VDRYFA	VICTOR DRY FARM RANCH A	5	caiso_solar	CISO	physical	utility_pv
VICTOR_1_VDRYFB	VICTOR DRY FARM RANCH B	5	caiso_solar	CISO	physical	utility_pv
VILLPK_2_VALLV	MWD VALLEY VIEW HYDROELECTRIC RECOVI	4.1	caiso_hydro	CISO	physical	hydro
VILLPK_6_MWDYOR	YORBA LINDA HYDROELECTRIC RECOVERY PL	5.1	caiso_hydro	CISO	physical	hydro
VINCNT_2_OF	NAN	207.00	caiso_wind	CISO	physical	in_state_wind_south
VINCNT_2_WESTWD	NAN	59	caiso_wind	CISO	physical	in_state_wind_south
VISTA_2_FCELL	CSUSB FUEL CELL	1.4	caiso_chp	CISO	physical	cogen
VISTA_2_RIALTO	RIALTO RT SOLAR	1	caiso_solar	CISO	physical	utility_pv
VISTA_2_RTS028	SPVPO28	3.5	caiso_solar	CISO	physical	utility_pv
VISTA_6_QF	VISTA QFS	0.18	caiso_small_hydro	CISO	physical	small_hydro
VISTRA_5_DALBT1	DALLAS ENERGY STORAGE	100	caiso_li_battery	CISO	physical	hr_batteries
VISTRA_5_DALBT2	DALLAS ENERGY STORAGE 2	100	caiso_li_battery	CISO	physical	hr_batteries
VISTRA_5_DALBT3	DALLAS ENERGY STORAGE 3	100	caiso_li_battery	CISO	physical	hr_batteries
VISTRA_5_DALBT4	DALLAS ENERGY STORAGE 4	100	caiso_li_battery	CISO	physical	hr_batteries
VLNTR_6_VCEBT1	Valley Center Energy Storage	54	caiso_li_battery	CISO	physical	hr_batteries
VLNTR_6_VCEBT2	Valley Center Energy Storage B	50	caiso_li_battery	CISO	physical	hr_batteries
VLNTR_6_VCSLR	COLE GRADE	2.33	caiso_solar	CISO	physical	utility_pv
VLNTR_6_VCSLR1	VALLEY CENTER 1	2.5	caiso_solar	CISO	physical	utility_pv
VLNTR_6_VCSLR2	VALLEY CENTER 2	5	caiso_solar	CISO	physical	utility_pv
VLYHOM_7_SSID	WOODWARD POWER PLANT	3	caiso_small_hydro	CISO	physical	small_hydro
VOLTA_2_UNIT 1	VOLTA HYDRO UNIT 1	9.1	caiso_hydro	CISO	physical	hydro
VOLTA_2_UNIT 2	VOLTA HYDRO UNIT 2	1	caiso_hydro	CISO	physical	hydro
VOLTA_6_BAILCK	BAILEY CREEK RANCH	0.63	caiso_hydro	CISO	physical	hydro
VOLTA_6_DIGHYD	DIGGER CREEK RANCH HYDRO	0.6	caiso_small_hydro	CISO	physical	small_hydro
VOLTA_7_PONHY1	VOLTA_7_PONHY1	1.25	caiso_hydro	CISO	physical	hydro
VOLTA_7_QFUNTS	VOLTA_7_QFUNTS	0.15	caiso_small_hydro	CISO	physical	small_hydro
VOYAGR_2_VOAWD5	VOYAGER WIND OASIS ALTA	13.98	caiso_wind	CISO	physical	in_state_wind_south
VOYAGR_2_VOYWD1	VOYAGER 1	128.91	caiso_wind	CISO	physical	in_state_wind_south
VOYAGR_2_VOYWD2	VOYAGER WIND 2	126.35	caiso_wind	CISO	physical	in_state_wind_south
VOYAGR_2_VOYWD3	VOYAGER WIND 3	42.45	caiso_wind	CISO	physical	in_state_wind_south
VOYAGR_2_VOYWD4	VOYAGER WIND 4	21.01	caiso_wind	CISO	physical	in_state_wind_south
VSTAES_6_VESBT1	VISTA ENERGY STORAGE	40	caiso_li_battery	CISO	physical	hr_batteries
VULCAN_1	NAN	38	iid_geothermal	IID	physical	geothermal
VULCAN_2	NAN	10.74	iid_geothermal	IID	physical	geothermal
VULCAN_EXPANDER	NAN	10.5	iid_geothermal	IID	physical	geothermal
WADHAM_6_UNIT	WADHAM ENERGY LP	29.07	caiso_biomass	CISO	physical	biomass_wood
WALCRK_2_CTG1	WALNUT CREEK ENERGY PARK UNIT 1	96.43	caiso_peaker1	CISO	physical	gas_ct
WALCRK_2_CTG2	WALNUT CREEK ENERGY PARK UNIT 2	96.91	caiso_peaker1	CISO	physical	gas_ct
WALCRK_2_CTG3	WALNUT CREEK ENERGY PARK UNIT 3	96.65	caiso_peaker1	CISO	physical	gas_ct
WALCRK_2_CTG4	WALNUT CREEK ENERGY PARK UNIT 4	96.49	caiso_peaker1	CISO	physical	gas_ct
WALCRK_2_CTG5	WALNUT CREEK ENERGY PARK UNIT 5	96.65	caiso_peaker1	CISO	physical	gas_ct
WALNUT_2_SOLAR	INDUSTRY METROLINK PV 1	1.5	caiso_solar	CISO	physical	utility_pv
WALNUT_6_HILLGEN	PUENTE HILLS	47	caiso_biomass	CISO	physical	biomass_wood
WALNUT_7_WCOVCT	NAN	0.2	caiso_geothermal	CISO	physical	geothermal
WALNUT_7_WCOVST	MM WEST COVINA - ST UNIT	6.5	caiso_biomass	CISO	physical	biomass_wood
WARNE_2_UNIT	WARNE HYDRO AGGREGATE	76	caiso_hydro	CISO	physical	hydro
WAUKNA_1_SOLAR	CORCORAN SOLAR	20	caiso_solar	CISO	physical	utility_pv
WAUKNA_1_SOLAR2	CORCORAN 2	19.75	caiso_solar	CISO	physical	utility_pv
WDLEAF_7_UNIT 1	WOODLEAF HYDRO	60	caiso_hydro	CISO	physical	hydro
WEBER_6_FORWARD	FORWARD	4.2	caiso_biomass	CISO	physical	biomass_wood
WESTLANDSSOLAR	NAN	19.88	caiso_solar	CISO	physical	utility_pv
WESTPT_2_UNIT	WEST POINT HYDRO PLANT	14	caiso_small_hydro	CISO	physical	small_hydro
WFRESN_1_SOLAR	JOYA DEL SOL	1.5	caiso_solar	CISO	physical	utility_pv
WHEATL_6_LNDFIL	G2 ENERGY, OSTROM ROAD LLC	3.55	caiso_biomass	CISO	physical	biomass_wood
WHITEH_2_MEADDYN1	WHITE HILLS A	50	caiso_wind	WALC	specifiedimport	out_of_state_wind_AZNM
WHITEH_2_MEADDYN2	WHITE HILLS B	300	caiso_wind	WALC	specifiedimport	out_of_state_wind_AZNM
WHITNY_6_SOLAR	WHITNEY POINT SOLAR	20	caiso_solar	CISO	physical	utility_pv
WHTWTR_1_WINDA1	WHITWATER HILL WIND PROJECT	61.5	caiso_wind	CISO	physical	in_state_wind_south
WILLMS_6_ARBBM1	Abel Road Bioenergy	3	caiso_biomass	CISO	physical	biogas
WILSONASOLAR	NAN	14	caiso_solar	CISO	physical	utility_pv
WISE_1_UNIT 1	WISE HYDRO UNIT 1	14.5	caiso_hydro	CISO	physical	hydro
WISE_1_UNIT 2	WISE HYDRO UNIT 2	3.2	caiso_hydro	CISO	physical	hydro
WISHON_6_UNITS	WISHON/SAN JOAQUIN #1-A AGGREGATE	18.4	caiso_small_hydro	CISO	physical	small_hydro
WISTER_2_WISSR1	Wister Solar	20	caiso_solar	CISO	physical	utility_pv
WISTRA_2_WRSSR1	WISTARIA RANCH SOLAR	100	caiso_solar	CISO	physical	utility_pv
WLDWD_1_SOLAR1	WILDWOOD SOLAR I	20	caiso_solar	CISO	physical	utility_pv
WLDWD_1_SOLAR2	WILDWOOD SOLAR 2	15	caiso_solar	CISO	physical	utility_pv
WNDMAS_2_UNIT 1	BUENA VISTA ENERGY, LLC	38	caiso_wind	CISO	physical	in_state_wind_north
WNDSTR_2_WIND	WINDSTAR	120	caiso_wind	CISO	physical	in_state_wind_south
WOLFSK_1_UNITA1	WOLFSKILL ENERGY CENTER	46.9	caiso_peaker2	CISO	physical	gas_ct
WOODLAND_1	NAN	49	banc_peaker	BANC	physical	gas_ct

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WOODLAND_3A	NAN	8.2 banc_reciprocating_engine	BANC	physical	ice
WOODLAND_3B	NAN	8.2 banc_reciprocating_engine	BANC	physical	ice
WOODLAND_3C	NAN	8.2 banc_reciprocating_engine	BANC	physical	ice
WOODLAND_3D	NAN	8.2 banc_reciprocating_engine	BANC	physical	ice
WOODLAND_3E	NAN	8.2 banc_reciprocating_engine	BANC	physical	ice
WOODLAND_3F	NAN	8.2 banc_reciprocating_engine	BANC	physical	ice
WOODLAND_CC	NAN	84.2 banc_cggt	BANC	physical	gas_cc
WOODWR_1_HYDRO	QUINTEN LUAllen	7.3 caiso_hydro	CISO	physical	hydro
WRGHTP_7_AMENGY	SMALL QF AGGREGATION - LOS BANOS	2.5 caiso_hydro	CISO	physical	hydro
WRGTR_2_WSF5R1	WRIGHT SOLAR FREEMAN	200 caiso_solar	CISO	physical	utility_pv
WRIGHTFREEMANSTORAGE	NAN	80 caiso_li_battery	CISO	physical	hr_batteries
WSENGY_1_UNIT 1	WHEELABRATOR SHASTA	50 caiso_biomass	CISO	physical	biomass_wood
WSNR_2_CVPDYN	CENTRAL VALLEY 1	10 caiso_hydro	BANC	specifiedimport	hydro
WSNR_2_TESLADYN	CENTRAL VALLEY TESLA	10 caiso_hydro	BANC	specifiedimport	hydro
WSNR_5_TRCYDYN	CENTRAL VALLEY TRACY	10 caiso_hydro	BANC	specifiedimport	hydro
WSTWND_2_M89WD1_LESR	Mojave 89	70.60 caiso_li_battery	CISO	physical	hr_batteries
WSTWND_2_M89WD1_WIND	Mojave 89	82.65 caiso_wind	CISO	physical	in_state_wind_south
WSTWND_2_M90BT1	MOJAVE 90 BESS 1A	15.71 caiso_li_battery	CISO	physical	hr_batteries
WSTWND_2_M90WD2	MOJAVE 90	48.85 caiso_wind	CISO	physical	in_state_wind_south
WSTWND_2_SBSBT1	Sagebrush Solar 2	80 caiso_li_battery	CISO	physical	hr_batteries
YUBACT_1_SUNSWT	YUBA CITY COGEN	49.97 caiso_chp	CISO	physical	cogen
YUBACT_6_UNITA1	YUBA CITY ENERGY CENTER (CALPINE)	47.6 caiso_peaker2	CISO	physical	gas_ct
YUCCA_GT21	NAN	22 iid_peaker	IID	physical	gas_ct
YUCCA_ST1	NAN	75 iid_st	IID	physical	steam
ZOND_6_UNIT	ZOND WINDSYSTEMS INC.	17.1 caiso_wind	CISO	physical	in_state_wind_north
_BRANCH_GENERIC_AMARGO_ITC	AMARGOSA230	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_BLYTHE_ITC	BLYTHE161	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_CASCADE_ITC	CRAG	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_CFE_ITC	CFETIJ & CFEROA	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_COTPIISO_ITC	TRCYCOTPIISO	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_CTW230_ITC	CTW230	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_ELDORADO_ITC	WILLOWBEACH	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_GONDIPPDC_ITC	GONIPP	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_IID-SCE_ITC	MIR2	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_IID-SDGE_ITC	IVLY2	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_IPPCADLN_ITC	IPP & IPPUTAH	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_LAUGHLIN_ITC	MOHAVE500	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_LLNL_ITC	LLL115	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_MALIN500_ISL	MALIN500	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_MARBLE_ITC	MARBLE60	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_MCCLMKTPC_ITC	MCCULLOUG500	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_MCCULLGH_ITC	ELDORADO500	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_MEADMKTPC_ITC	MEAD5MSCHD	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_MEADTMEAD_ITC	MEAD2MSCHD	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_MEAD_ITC	MEAD230	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_MERCHANT_ITC	ELDORADO230	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_MERCURY_ITC	MERCURY138	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_MKTPCADLN_ITC	MARKETPLACE	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_MONAIPDC_ITC	MDWP	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_NEWMELONP_ITC	NML230	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_NOB_ITC	NOB	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_NORTHGILAS00_ITC	NORTHGILAS00	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_NWEST230_ITC	NWEST	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_OAKDALE_ITC	OAKDALE	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_PALOVDRD_ITC	PVWEST	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_PARKER_ITC	PARKER230	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_RDM230_ITC	RDM230	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_RNCHLAKE_ITC	LAKE & RANCHOSECO	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_SILVERPK_ITC	SILVERPEAK55	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_STANDIFORD_ITC	STANDIFORD	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_SUMMIT_ITC	SUMMIT120	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_SYLMAR-AC_ITC	SYLMAR	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_TRACY230_ITC	TESLA230	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_TRACY500_ITC	TRCYPGAE & TRCYCOTP	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_TRCYTEA_ITC	TRCYTEA	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_VICTVL_ITC	LUGO	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_WESTLYBNS_ITC	WESTLYQNT0	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_WESTLYTSLA_ITC	WESTLYTSLA	nan	NAN	unspecifiedimport	n/a
_BRANCH_GENERIC_WSTWGMAD_ITC	WESTWING500	nan	NAN	unspecifiedimport	n/a
_CREZ_GENERIC_ARIZONA_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_ARIZONA_WIND	NAN	caiso_wind	NAN	newresolve	out_of_state_wind_AZNM
_CREZ_GENERIC_BAJA_CALIFORNIA_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_BAJA_CALIFORNIA_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_south
_CREZ_GENERIC_CAPE_MENDOCINO_OFFSHORE_WIND	NAN	caiso_wind	NAN	newresolve	offshore_wind
_CREZ_GENERIC_CARRIZO_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_CARRIZO_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_north
_CREZ_GENERIC_CENTRAL_VALLEY_NORTH_LOS_BANOS_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_CENTRAL_VALLEY_NORTH_LOS_BANOS_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_north
_CREZ_GENERIC_DEL_NORTE_OFFSHORE_WIND	NAN	caiso_wind	NAN	newresolve	offshore_wind
_CREZ_GENERIC_DIABLO_CANYON_EXT_TX_OFFSHORE_WIND	NAN	caiso_wind	NAN	newresolve	offshore_wind
_CREZ_GENERIC_DIABLO_CANYON_OFFSHORE_WIND	NAN	caiso_wind	NAN	newresolve	offshore_wind
_CREZ_GENERIC_DISTRIBUTED_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_DISTRIBUTED_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_south
_CREZ_GENERIC_GREATER_IMPERIAL_GEOHERMAL	NAN	caiso_geothermal	NAN	newresolve	geothermal
_CREZ_GENERIC_GREATER_IMPERIAL_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_GREATER_IMPERIAL_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_south
_CREZ_GENERIC_GREATER_KRAMER_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_GREATER_KRAMER_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_south
_CREZ_GENERIC_HUMBOLDT_BAY_OFFSHORE_WIND	NAN	caiso_wind	NAN	newresolve	offshore_wind
_CREZ_GENERIC_HUMBOLDT_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_north
_CREZ_GENERIC_IDAHO_WIND	NAN	caiso_wind	NAN	newresolve	out_of_state_wind_WVID
_CREZ_GENERIC_INSTATE_BIOMASS	NAN	caiso_biomass	NAN	newresolve	biomass_wood
_CREZ_GENERIC_INYOKERN_NORTH_KRAMER_GEOHERMAL	NAN	caiso_geothermal	NAN	newresolve	geothermal
_CREZ_GENERIC_INYOKERN_NORTH_KRAMER_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_KERN_GREATER_CARRIZO_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_KERN_GREATER_CARRIZO_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_north
_CREZ_GENERIC_KRAMER_INYOKERN_EX_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_KRAMER_INYOKERN_EX_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_south
_CREZ_GENERIC_MORRO_BAY_OFFSHORE_WIND	NAN	caiso_wind	NAN	newresolve	offshore_wind
_CREZ_GENERIC_MOUNTAIN_PASS_EL_DORADO_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_NEW_MEXICO_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv

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_CREZ_GENERIC_NEW_MEXICO_WIND	NAN	caiso_wind	NAN	newresolve	out_of_state_wind_AZNM
_CREZ_GENERIC_NORTHERN_CALIFORNIA_EX_GEOHERMAL	NAN	caiso_geothermal	NAN	newresolve	geothermal
_CREZ_GENERIC_NORTHERN_CALIFORNIA_EX_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_NORTHERN_CALIFORNIA_EX_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_north
_CREZ_GENERIC_NORTH_VICTOR_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_NW_BIOMASS	NAN	caiso_biomass	NAN	newresolve	biomass_wood
_CREZ_GENERIC_NW_EXT_TX_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_north
_CREZ_GENERIC_NW_SMALL_HYDRO	NAN	caiso_small_hydro	NAN	newresolve	small_hydro
_CREZ_GENERIC_PACIFIC_NORTHWEST_GEOHERMAL	NAN	caiso_geothermal	NAN	newresolve	geothermal
_CREZ_GENERIC_PACIFIC_NORTHWEST_WIND	NAN	caiso_wind	NAN	newresolve	out_of_state_wind_WAOR
_CREZ_GENERIC_RIVERSIDE_PALM_SPRINGS_GEOHERMAL	NAN	caiso_geothermal	NAN	newresolve	geothermal
_CREZ_GENERIC_RIVERSIDE_PALM_SPRINGS_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_SACRAMENTO_RIVER_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_SACRAMENTO_RIVER_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_north
_CREZ_GENERIC_SCADSNV_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_SCADSNV_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_south
_CREZ_GENERIC_SOLANO_GEOHERMAL	NAN	caiso_geothermal	NAN	newresolve	geothermal
_CREZ_GENERIC_SOLANO_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_SOLANO_SUBZONE_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_SOLANO_SUBZONE_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_north
_CREZ_GENERIC_SOLANO_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_north
_CREZ_GENERIC_SOUTHERN_CALIFORNIA_DESERT_EX_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_SOUTHERN_CALIFORNIA_DESERT_EX_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_south
_CREZ_GENERIC_SOUTHERN_CA_DESERT_SOUTHERN_NV_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_SOUTHERN_CA_DESERT_SOUTHERN_NV_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_south
_CREZ_GENERIC_SOUTHERN_NEVADA_GEOHERMAL	NAN	caiso_geothermal	NAN	newresolve	geothermal
_CREZ_GENERIC_SOUTHERN_NEVADA_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_SOUTHERN_NEVADA_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_south
_CREZ_GENERIC_SW_BIOMASS	NAN	caiso_biomass	NAN	newresolve	biomass_wood
_CREZ_GENERIC_SW_EXT_TX_WIND	NAN	caiso_wind	NAN	newresolve	out_of_state_wind_AZNM
_CREZ_GENERIC_TEHACHAPI_EX_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_TEHACHAPI_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_TEHACHAPI_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_south
_CREZ_GENERIC_UTAH_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_UTAH_WIND	NAN	caiso_wind	NAN	newresolve	out_of_state_wind_AZNM
_CREZ_GENERIC_WESTLANDS_EX_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_WESTLANDS_EX_WIND	NAN	caiso_wind	NAN	newresolve	in_state_wind_north
_CREZ_GENERIC_WESTLANDS_SOLAR	NAN	caiso_solar	NAN	newresolve	utility_pv
_CREZ_GENERIC_WYOMING_WIND	NAN	caiso_wind	NAN	newresolve	out_of_state_wind_WYID
_CREZ_UNBUNDLEDREC_ARIZONA_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_ARIZONA_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_BAJA_CALIFORNIA_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_BAJA_CALIFORNIA_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_CAPE_MENDOCINO_OFFSHORE_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_CARRIZO_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_CARRIZO_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_CENTRAL_VALLEY_NORTH_LOS_BANOS	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_CENTRAL_VALLEY_NORTH_LOS_BANOS	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_DEL_NORTE_OFFSHORE_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_DIABLO_CANYON_EXT_TX_OFFSHORE_W	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_DIABLO_CANYON_OFFSHORE_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_DISTRIBUTED_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_DISTRIBUTED_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_GREATER_IMPERIAL_GEOHERMAL	NAN	caiso_geothermal	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_GREATER_IMPERIAL_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_GREATER_IMPERIAL_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_GREATER_KRAMER_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_GREATER_KRAMER_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_HUMBOLDT_BAY_OFFSHORE_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_HUMBOLDT_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_IDAHO_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_INSTATE_BIOMASS	NAN	caiso_biomass	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_INYOKERN_NORTH_KRAMER_GEOHERM	NAN	caiso_geothermal	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_INYOKERN_NORTH_KRAMER_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_KERN_GREATER_CARRIZO_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_KERN_GREATER_CARRIZO_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_KRAMER_INYOKERN_EX_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_KRAMER_INYOKERN_EX_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_MORRO_BAY_OFFSHORE_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_MOUNTAIN_PASS_EL_DORADO_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_NEW_MEXICO_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_NEW_MEXICO_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_NORTHERN_CALIFORNIA_EX_GEOHERM	NAN	caiso_geothermal	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_NORTHERN_CALIFORNIA_EX_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_NORTHERN_CALIFORNIA_EX_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_NORTH_VICTOR_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_NW_BIOMASS	NAN	caiso_biomass	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_NW_EXT_TX_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_NW_SMALL_HYDRO	NAN	caiso_small_hydro	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_PACIFIC_NORTHWEST_GEOHERMAL	NAN	caiso_geothermal	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_PACIFIC_NORTHWEST_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_RIVERSIDE_PALM_SPRINGS_GEOHERM	NAN	caiso_geothermal	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_RIVERSIDE_PALM_SPRINGS_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SACRAMENTO_RIVER_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SACRAMENTO_RIVER_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SCADSNV_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SCADSNV_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SOLANO_GEOHERMAL	NAN	caiso_geothermal	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SOLANO_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SOLANO_SUBZONE_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SOLANO_SUBZONE_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SOLANO_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SOUTHERN_CALIFORNIA_DESERT_EX_S	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SOUTHERN_CALIFORNIA_DESERT_EX_W	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SOUTHERN_CA_DESERT_SOUTHERN_NV	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SOUTHERN_CA_DESERT_SOUTHERN_NV	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SOUTHERN_NEVADA_GEOHERMAL	NAN	caiso_geothermal	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SOUTHERN_NEVADA_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SOUTHERN_NEVADA_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SW_BIOMASS	NAN	caiso_biomass	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_SW_EXT_TX_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a

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_CREZ_UNBUNDLEDREC_TEHACHAPI_EX_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_TEHACHAPI_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_TEHACHAPI_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_UTAH_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_UTAH_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_WESTLANDS_EX_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_WESTLANDS_EX_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_WESTLANDS_SOLAR	NAN	caiso_solar	NAN	unbundledrec	n/a
_CREZ_UNBUNDLEDREC_WYOMING_WIND	NAN	caiso_wind	NAN	unbundledrec	n/a
_EXISTING_GENERIC_BATTERY_STORAGE	NAN	caiso_battery	NAN	existinggeneric	hr_batteries
_EXISTING_GENERIC_BIOGAS_LANDFILLGAS	NAN	caiso_biomass	NAN	existinggeneric	biomass_wood
_EXISTING_GENERIC_BIOMASS/WOOD	NAN	caiso_biomass	NAN	existinggeneric	biomass_wood
_EXISTING_GENERIC_COAL	NAN	caiso_coal	NAN	existinggeneric	coal
_EXISTING_GENERIC_COGEN	NAN	caiso_chp	NAN	existinggeneric	cogen
_EXISTING_GENERIC_COMBINED_CYCLE	NAN	caiso_ccgt1	NAN	existinggeneric	gas_cc
_EXISTING_GENERIC_DR	NAN	caiso_dr	NAN	existinggeneric	demand_response
_EXISTING_GENERIC_GEOTHERMAL	NAN	caiso_geothermal	NAN	existinggeneric	geothermal
_EXISTING_GENERIC_ICE	NAN	caiso_reciprocating_engine	NAN	existinggeneric	ice
_EXISTING_GENERIC_INSTATE_LARGE_HYDRO	NAN	caiso_hydro	NAN	existinggeneric	hydro
_EXISTING_GENERIC_INSTATE_SMALL_HYDRO	NAN	caiso_hydro	NAN	existinggeneric	hydro
_EXISTING_GENERIC_NUCLEAR	NAN	caiso_nuclear	NAN	existinggeneric	nuclear
_EXISTING_GENERIC_NW_HYDRO	NAN	caiso_hydro	NAN	existinggeneric	hydro
_EXISTING_GENERIC_PEAKER	NAN	caiso_peaker1	NAN	existinggeneric	gas_ct
_EXISTING_GENERIC_PUMPED_STORAGE_HYDRO	NAN	caiso_pumped_hydro	NAN	existinggeneric	pumped_storage
_EXISTING_GENERIC_SOLAR_1AXIS	NAN	caiso_solar	NAN	existinggeneric	utility_pv
_EXISTING_GENERIC_SOLAR_2AXIS	NAN	caiso_solar	NAN	existinggeneric	utility_pv
_EXISTING_GENERIC_SOLAR_FIXED	NAN	caiso_solar	NAN	existinggeneric	utility_pv
_EXISTING_GENERIC_SOLAR_THERMAL	NAN	caiso_solar	NAN	existinggeneric	utility_pv
_EXISTING_GENERIC_STEAM	NAN	caiso_steam	NAN	existinggeneric	steam
_EXISTING_GENERIC_UNKNOWNN	NAN	caiso_unknown	NAN	existinggeneric	n/a
_EXISTING_GENERIC_WIND	NAN	caiso_wind	NAN	existinggeneric	in_state_wind_south
_NEW_BT_M_DR	NAN	caiso_loadmod	NAN	newloadmod	demand_response
_NEW_BT_M_EE	NAN	caiso_loadmod	NAN	newloadmod	demand_response
_NEW_BT_M_RESOURCE	NAN	caiso_loadmod	NAN	newloadmod	demand_response
_NEW_DG	NAN	caiso_loadmod	NAN	newloadmod	btm_pv
_NEW_EV	NAN	caiso_loadmod	NAN	newloadmod	demand_response
_NEW_GENERIC_BATTERY_STORAGE	NAN	caiso_battery	NAN	newgeneric	hr_batteries
_NEW_GENERIC_BIOGAS_LANDFILLGAS	NAN	caiso_biomass	NAN	newgeneric	biomass_wood
_NEW_GENERIC_BIOMASS/WOOD	NAN	caiso_biomass	NAN	newgeneric	biomass_wood
_NEW_GENERIC_COAL	NAN	caiso_coal	NAN	newgeneric	coal
_NEW_GENERIC_COGEN	NAN	caiso_chp	NAN	newgeneric	cogen
_NEW_GENERIC_COMBINED_CYCLE	NAN	caiso_ccgt1	NAN	newgeneric	gas_cc
_NEW_GENERIC_DR	NAN	caiso_dr	NAN	newgeneric	demand_response
_NEW_GENERIC_GEOTHERMAL	NAN	caiso_geothermal	NAN	newgeneric	geothermal
_NEW_GENERIC_ICE	NAN	caiso_reciprocating_engine	NAN	newgeneric	ice
_NEW_GENERIC_INSTATE_LARGE_HYDRO	NAN	caiso_hydro	NAN	newgeneric	hydro
_NEW_GENERIC_INSTATE_SMALL_HYDRO	NAN	caiso_hydro	NAN	newgeneric	hydro
_NEW_GENERIC_NUCLEAR	NAN	caiso_nuclear	NAN	newgeneric	nuclear
_NEW_GENERIC_NW_HYDRO	NAN	caiso_hydro	NAN	newgeneric	hydro
_NEW_GENERIC_PEAKER	NAN	caiso_peaker1	NAN	newgeneric	gas_ct
_NEW_GENERIC_PUMPED_STORAGE_HYDRO	NAN	caiso_pumped_hydro	NAN	newgeneric	pumped_storage
_NEW_GENERIC_SOLAR_1AXIS	NAN	caiso_solar	NAN	newgeneric	utility_pv
_NEW_GENERIC_SOLAR_2AXIS	NAN	caiso_solar	NAN	newgeneric	utility_pv
_NEW_GENERIC_SOLAR_FIXED	NAN	caiso_solar	NAN	newgeneric	utility_pv
_NEW_GENERIC_SOLAR_THERMAL	NAN	caiso_solar	NAN	newgeneric	utility_pv
_NEW_GENERIC_STEAM	NAN	caiso_steam	NAN	newgeneric	steam
_NEW_GENERIC_UNKNOWNN	NAN	caiso_unknown	NAN	newgeneric	n/a
_NEW_GENERIC_WIND	NAN	caiso_wind	NAN	newgeneric	in_state_wind_south
_NEW_TOU	NAN	caiso_loadmod	NAN	newloadmod	demand_response
_SUPPLIERS_CHOICE	NAN	suppliers_choice	NAN	supplierschoice	n/a
_UNSPECIFIED_NON_IMPORT	NAN	unspecified_non_import	NAN	unspecifiednonimport	n/a

Ise	NAME	Ise_type
3PR	3 Phases Renewables	ESP
APN	American PowerNet Management	ESP
AVCE	Apple Valley Choice Energy	CCA
CEI	Just Energy Solutions	ESP
CES	Commercial Energy of Montana	ESP
CNE	Constellation New Energy	ESP
COBP	City of Baldwin Park	CCA
COSB	City of Solana Beach	CCA
CPA	Calpine Power America	ESP
CPASC	Clean Power Alliance of Southern California	CCA
CPSF	CleanPowerSF	CCA
DCE	Desert Community Energy	CCA
DEB	Direct Energy Business	ESP
EBCE	East Bay Community Energy	CCA
EIPS	EDF Industrial Power Services	ESP
HANFORD	City of Hanford	CCA
KCCP	King City Community Power	CCA
LCE	Lancaster Choice Energy	CCA
LPH	Liberty Power Holdings	ESP
CCCE	Monterey Bay Community Power Authority	CCA
MCE	Marin Clean Energy	CCA
NES	Calpine Energy Solutions	ESP
PALMDALE	City of Palmdale	CCA
PCEA	Peninsula Clean Energy Authority	CCA
PGE	Pacific Gas & Electric	IOU
PIONEER	Pioneer Community Energy	CCA
POMONA	City of Pomona	CCA
PPG	Pilot Power Group	ESP
PRIME	Pico Rivera Innovative Municipal Energy	CCA
RCEA	Redwood Coast Energy Authority	CCA
RMEA	Rancho Mirage Energy Authority	CCA
SCE	Southern California Edison	IOU
SDGE	San Diego Gas & Electric	IOU
SENA	Shell Energy North America	ESP
SJCE	San Jose Clean Energy	CCA
SJP	San Jacinto Power	CCA
SOMA	Sonoma Clean Power Authority	CCA
SVCE	Silicon Valley Clean Energy Authority	CCA
TNG	Tiger Natural Gas	ESP
UC	University of California	ESP
VCEA	Valley Clean Energy Alliance	CCA
WCE	Western Community Energy	CCA
PCORP	PacifiCorp	POU
BVES	Bear Valley Electric Service	IOU
LIB	Liberty Utilities	IOU
BCE	Butte Choice Energy	CCA
CEA	Clean Energy Alliance	CCA
COM	City of Commerce	CCA
SDCP	San Diego Community Power	CCA
SBCE	Santa Barbara Clean Energy	CCA
AGERA	Agera Energy, LLC	ESP
GEXA	Gexa Energy California, LLC	ESP
LPD	Liberty Power Delaware, LLC	ESP
PALMCO	Palmco Power CA	ESP
PRAX	Praxair Plainfield, Inc.	ESP
TENA	Tenaska Power Services Co.	ESP
YEP	Yep Energy	ESP
ANZA	Anza Electric Cooperative	COOP

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PLUMAS	Plumas Sierra Rural Electric Cooperative	COOP
SURPRISE	Surprise Valley Electrification Corporation	POU
VEA	Valley Electric Association	COOP
ANHM	Anaheim	CAISOPOU
AZCO	Arizona Electric Power Cooperative	POU
AZUA	Azusa	CAISOPOU
BAN1	Banning	CAISOPOU
BWPM	Burbank	POU
CCSF	City and County San Francisco	CAISOPOU
CLTN	Colton	CAISOPOU
COR1	Corona	CAISOPOU
CRCL	Cerritos	CAISOPOU
GLEN	Glendale	POU
IIDE	Imperial Irrigation District	POU
INDU	Industry	CAISOPOU
KIRK	Kirkwood	POU
LADWP	LADWP	POU
LASS	Lassen	CAISOPOU
MEID	Merced	POU
MID	Modesto Irrigation District	POU
MVAL	Moreno Valley	CAISOPOU
NCPA	Northern California Power Agency	CAISOPOU
NEED	Needles	POU
PASA	Pasadena	CAISOPOU
PITT	Pittsburg	CAISOPOU
PSTN	Stockton	CAISOPOU
PWRPA	Power Water Resources Pooling Authority	CAISOPOU
RCMU	Rancho Cucamonga	CAISOPOU
RDG1	Redding	POU
RSVL	Roseville	POU
RVSD	Riverside	CAISOPOU
SCOV	Shelter Cove	CAISOPOU
SLAK	Shasta Lake	POU
SMUD	SMUD	POU
SNCL	Silicon Valley Power	CAISOPOU
TIDM	Turlock Irrigation District	POU
TRIN	Trinity	CAISOPOU
TRUC	Truckee	POU
VERN	Vernon	CAISOPOU
VMUS	Victorville	CAISOPOU
WEPA	Eastside Power Authority	CAISOPOU
_OTHER	Multiple non-IOU LSEs	
_OTHER	Multiple LSEs	
_OTHER	Multiple IOUs	
_OTHER	non-LSE supplier	_OTHER

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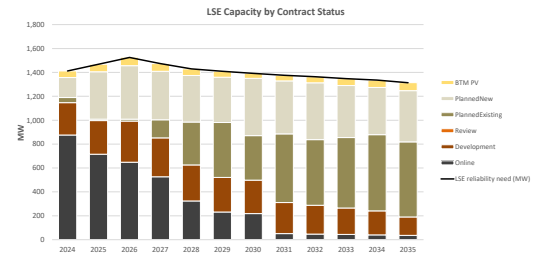
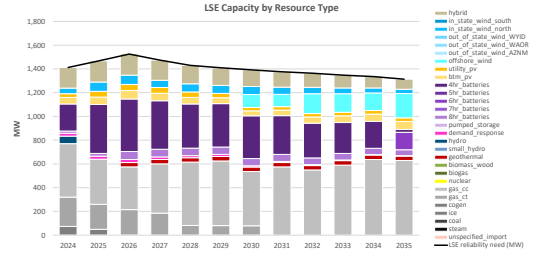
				Capacity (MW)											
Service A Type	LSE CPU(LSE Name		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
PGE	IOU	PGE	Pacific Gas	2,484	2,671	2,859	3,056	3,257	3,469	3,667	3,883	4,090	4,313	4,526	4,734
PGE	ESP		Pacific Gas	1,044	1,116	1,189	1,264	1,342	1,418	1,491	1,560	1,629	1,692	1,752	1,807
PGE	CCA	3CE	Central Coa	421	452	484	518	553	588	623	657	690	722	753	783
PGE	CCA	CPSF	CleanPower	272	293	315	337	361	384	408	432	455	477	499	522
PGE	CCA	EBCE	East Bay Co	618	668	719	771	828	883	940	994	1,047	1,098	1,147	1,196
PGE	CCA	KCCP	King City Co	3	3	4	4	4	4	5	5	5	5	6	6
PGE	CCA	MCE	Marin Clean	528	564	601	640	683	725	779	819	863	897	933	967
PGE	CCA	PCEA	Peninsula C	317	339	365	394	426	456	487	518	550	579	609	639
PGE	CCA	PIONEER	Pioneer Cor	175	188	201	215	230	245	260	275	289	304	318	331
PGE	CCA	RCEA	Redwood C	62	66	71	76	80	85	90	94	98	102	106	109
PGE	CCA	SJCE	San José C	350	377	404	432	462	492	523	553	583	613	642	670
PGE	CCA	SVCEA	Silicon Valle	337	363	388	415	444	473	502	531	559	587	614	641
PGE	CCA	SOMA	Sonoma Cle	204	220	235	252	269	287	305	322	339	357	373	390
PGE	CCA	VCEA	Valley Clear	66	71	77	83	90	96	103	109	116	122	128	134
SCE	IOU	SCE	Southern Ca	3,046	3,286	3,536	3,798	4,068	4,348	4,639	4,941	5,249	5,564	5,883	6,204
SCE	ESP		Southern Ca	259	278	297	316	337	358	379	401	425	448	471	495
SCE	CCA	AVCE	Apple Valley	30	33	35	38	40	43	46	49	52	55	58	61
SCE	CCA	COBP	Baldwin Part	-	-	-	-	-	-	-	-	-	-	-	-
SCE	CCA	3CE	Central Coa	32	35	37	39	41	44	46	48	51	54	57	61
SCE	CCA	CPASC	Clean Powe	451	486	523	562	602	644	687	732	777	824	871	918
SCE	CCA	DCE	Desert Com	40	43	47	50	53	57	61	64	68	73	77	82
SCE	CCA	PALMDALE	Energy for F	36	39	42	45	48	52	55	59	62	66	70	74
SCE	CCA	LCE	Lancaster C	73	79	85	92	98	105	112	119	127	134	142	150
SCE	CCA	OCPA	Orange Cou	232	250	269	290	311	333	356	379	404	428	453	479
SCE	CCA	PRIME	Pico Rivera	9	10	10	11	12	13	14	14	15	16	17	18
SCE	CCA	POMONA	Pomona Ch	7	8	8	9	10	10	11	12	13	13	14	15
SCE	CCA	RMEA	Rancho Mira	44	48	51	55	59	63	67	72	76	80	85	89
SCE	CCA	SJP	San Jacinto	23	25	27	29	31	33	36	38	40	42	45	47
SCE	CCA	SBCE	Santa Barba	20	22	23	25	27	29	31	33	35	37	39	41
SCE	CCA	WCE	Western Co	-	-	-	-	-	-	-	-	-	-	-	-
SDGE	IOU	SDGE	San Diego C	438	468	500	533	565	599	633	667	701	736	769	802
SDGE	ESP		San Diego C	474	507	540	574	608	642	675	707	740	772	803	834
SDGE	CCA	CEA	Clean Energ	179	192	206	220	235	249	264	279	293	308	322	337
SDGE	CCA	OCPA	Orange Cou	20	22	23	25	27	28	30	32	33	35	37	38
SDGE	CCA	SDCP	San Diego C	955	1,026	1,099	1,175	1,251	1,328	1,407	1,486	1,564	1,641	1,718	1,795
BEAR	SMJ	BEAR	Bear Valley	7	7	8	8	9	10	10	11	12	13	13	14

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Resource	Planned/New	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
smart_hydro	Planned/New	-	-	-	-	-	-	-	-	-	-	-	-
geothermal	Planned/New	-	-	-	-	-	-	-	-	-	-	-	-
biomass_wood	Planned/New	-	-	-	-	-	-	-	-	-	-	-	-
biogas	Planned/New	-	-	-	-	-	-	-	-	-	-	-	-
nuclear	Planned/New	-	-	-	-	-	-	-	-	-	-	-	-
gas_cc	Planned/New	-	-	-	-	-	-	-	-	-	-	-	-
gas_cc	Planned/New	-	-	-	-	-	-	-	-	-	-	-	-
gas_cc	Planned/New	-	-	-	-	-	-	-	-	-	-	-	-
coal	Planned/New	-	-	-	-	-	-	-	-	-	-	-	-
steam	Planned/New	-	-	-	-	-	-	-	-	-	-	-	-
unspecified_import	Planned/New	-	-	-	-	-	-	-	-	-	-	-	-
LSE total supply (effective MW)		1,357	1,405	1,457	1,410	1,374	1,360	1,350	1,329	1,312	1,291	1,274	1,247

Load and Resource Table by Resource Type	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
LSE reliability need (MW)	1,412	1,468	1,525	1,474	1,430	1,410	1,393	1,376	1,364	1,347	1,336	1,313
ELEC by resource type (effective MW)												
hybrid	175	179	180	170	156	148	141	130	119	107	96	85
in_state_wind_south	-	-	-	-	-	-	-	-	-	-	-	-
in_state_wind_north	-	-	-	-	-	-	-	-	-	-	-	-
out_of_state_wind_WIND	47	78	78	61	69	68	67	61	55	48	42	36
out_of_state_wind_WADR	-	-	-	-	-	-	-	-	-	-	-	-
out_of_state_wind_AZNM	-	-	-	-	-	-	-	-	-	-	-	-
offshore_wind	-	-	-	-	-	-	-	-	-	-	-	-
utility_pv	31	48	51	48	45	37	28	29	29	30	30	30
btm_pv	55	63	71	64	55	49	42	47	52	57	62	67
shr_batteries	227	412	442	408	373	366	350	326	293	260	226	24
7hr_batteries	-	-	-	-	-	-	-	-	-	-	-	147
15hr_batteries	18	23	27	25	23	22	21	20	19	18	17	16
demand_response	25	26	26	22	18	17	11	9	7	6	4	3
hydro	62	-	-	-	-	-	-	-	-	-	-	-
smart_hydro	-	-	-	-	-	-	-	-	-	-	-	-
geothermal	-	-	36	36	37	37	37	37	37	38	38	38
biomass_wood	-	-	-	-	-	-	-	-	-	-	-	-
biogas	-	-	-	-	-	-	-	-	-	-	-	-
nuclear	-	-	-	-	-	-	-	-	-	-	-	-
gas_cc	451	380	361	415	533	545	458	575	549	590	637	629
gas_cc	246	210	213	186	82	81	79	-	-	-	-	-
cogen	74	50	1	-	-	-	-	-	-	-	-	-
ice	-	-	-	-	-	-	-	-	-	-	-	-
coal	-	-	-	-	-	-	-	-	-	-	-	-
steam	-	-	-	-	-	-	-	-	-	-	-	-
unspecified_import	-	-	-	-	-	-	-	-	-	-	-	-
LSE total supply (effective MW)	1,412	1,468	1,527	1,474	1,430	1,410	1,393	1,376	1,364	1,347	1,336	1,314
Net capacity position (ex = excess, sh = shortfall) (effective MW)	0	0	2	0	0	0	0	0	0	0	0	0

Load and Resource Table by Contract Status	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
LSE reliability need (MW)	1,412	1,468	1,525	1,474	1,430	1,410	1,393	1,376	1,364	1,347	1,336	1,313
ELEC by contract status (effective MW)												
Online	276	218	240	227	225	231	210	51	48	44	40	37
Development	271	282	344	324	301	290	280	260	240	221	201	153
Review	43	11	16	152	359	459	373	571	549	590	637	629
Planned/Estimating	168	397	448	406	390	380	479	443	476	436	396	428
BTM PV	55	63	71	64	55	49	42	47	52	57	62	67
LSE total supply (effective MW)	1,412	1,468	1,527	1,474	1,430	1,393	1,376	1,364	1,347	1,336	1,314	
Net capacity position (ex = excess, sh = shortfall) (effective MW)	0	0	2	0	0	0	0	0	0	0	0	0



Resource	2024	2026	2030	2035	Units	Type
Large Hydro	-	-	-	-	GWh	GHG-Free
Imported Hydro	-	-	-	-	GWh	GHG-Free
Asset Controlling Supplier	-	-	-	-	GWh	GHG-Free (Partial)
Nuclear	-	-	-	-	GWh	GHG-Free
Biogas	26	26	25	8	GWh	RPS Eligible
Biomass	125	125	99	75	GWh	RPS Eligible
Geothermal	18	321	320	303	GWh	RPS Eligible
Small Hydro	130	135	135	112	GWh	RPS Eligible
Wind Resources						
Wind Existing California	671	621	583	369	GWh	RPS Eligible
Wind New PG&E	257	514	898	898	GWh	RPS Eligible
Wind New SCE SDG&E	-	-	-	-	GWh	RPS Eligible
Wind Pacific Northwest	-	-	-	-	GWh	RPS Eligible
Wind Wyoming	-	-	-	-	GWh	RPS Eligible
Wind New Mexico	334	334	334	-	GWh	RPS Eligible
Wind Offshore Morro Bay	-	-	-	-	GWh	RPS Eligible
Wind Offshore Humboldt	-	-	1,231	3,076	GWh	RPS Eligible
Solar Resources						
Solar Existing California	1,647	1,678	1,642	1,392	GWh	RPS Eligible
Solar New PG&E	159	597	597	597	GWh	RPS Eligible
Solar New SCE SDG&E	295	293	287	279	GWh	RPS Eligible
Solar Distributed	-	-	-	-	GWh	RPS Eligible
Hybrid						
Hybrid_or_Paired_Solar_and_Battery	826	820	809	794	GWh	RPS Eligible
Storage & DR						
Shed DR	-	-	-	-	MW	GHG-Free
Pumped Storage	-	-	-	-	MW	n/a
Battery Storage	1,110	2,304	2,304	2,324	MWh Energy Capacity	n/a
User-Specified Profiles						
Storage Resource Custom Profile	-	-	-	-	MW	n/a
RPS Resource Custom Profile	-	-	-	-	GWh	RPS Eligible
GHG-free non-RPS Resource	-	-	-	-	GWh	GHG-Free
Coal						
Coal	-	-	-	-	GWh	n/a

