

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Order Instituting Rulemaking to Continue
Electric Integrated Resource Planning and
Related Procurement Processes

Rulemaking 20-05-003
(Filed May 7, 2020)

**DESERT COMMUNITY ENERGY'S
2023 INTEGRATED RESOURCE PLAN COMPLIANCE REPORT
AND DATA REQUEST
[Public Version]**

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February 1, 2023

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OF THE STATE OF CALIFORNIA**

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In accordance with the requirements of California Public Utilities Code Sections 454.51 and 454.52; California Public Utilities Commission (“Commission”) Decision (“D.”) 18-02-018 and D.22-02-004, and Administrative Law Judge rulings and staff guidance concerning document submissions in the above-captioned proceeding; Desert Community Energy (“DCE”) hereby provides its *2023 Integrated Resource Plan Compliance Report and Data Request* to the Commission for certification. DCE is e-filing a public version in this Rulemaking and serving it to all parties identified in this Rulemaking’s service list.

DCE previously submitted a notice of availability with its Plan with a link to the publicly available version of the redacted confidential documents which have been updated with subsequent version of relevant IRP files. DCE provided confidential documents associated with DCE’s IRP Report through the Commission’s secure FTP website.

Attached to this document are the following public Appendices:

1. Appendix A – Verification
2. Appendix B - Desert Community Energy IRP February 1, 2023, Procurement Report;
 - a) DCE_Terra-Gen_ CoachellaHills_COD_Notice;

- b) DCE_OhmConnect_ResiStation_RA_Filing_and_CIRA_Screenshot;
- c) DCE_VesperEnergy_DeerCreek_PPA;
- d) DCE_VesperEnergy_DeerCreek_Evidence_of_Site_Control;
- e) DCE_VesperEnergy_DeerCreek_InterconnectionAgreement
- f)DCE_FervoEnergy_Cape Generating_PPA;
- g) DCE_FervoEnergy_Cape Generating_Engineering_Assessment; and
- h) DCE_FervoEnergy_Cape Generating_Evidence_of_Site_Control

3. Appendix C: DCE_rdtv3_38mmt_public_v1

4. Appendix D: Long Lead-Time Resource Procurement Obligation Deadline Extension

Request for Desert Community Energy; and Attachments A – G.

I. CONCLUSION

DCE thanks the Commission for its time, attention, and review of its Integrated Resource Plan Report and Data Request. For the reasons stated above DCE respectfully requests that the Commission accept and approve DCE's IRP Report.

February 1, 2023

Respectfully submitted,



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APPENDIX A



Cleaner electricity • Local control • Competitive rates

OFFICER VERIFICATION

I am the Executive Director for Desert Community Energy, a public agency, and have been authorized in connection with the filing and service of Desert Community Energy's 2023 Integrated Resource Procurement Compliance Report and Data Request to make this required Verification under California Public Utilities Commission Rules 1.8 and 1.11. The statements in the foregoing document are true of my own knowledge, except as to matters which are therein stated on information or belief, and as to those matters I believe them to be true. The spreadsheet templates used within this filing have not been altered from the version issued or approved by Energy Division.

Executed on February 1, 2023, at Palm Desert, California

By: Tom Kirk
Tom Kirk (Jan 31, 2023 16:28 PST)

Tom Kirk
Executive Director
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APPENDIX B

Desert Community Energy IRP February 1, 2023, Procurement Report

Document Name	Resource Name	Milestone Requirement Met	Decision & Tranche(s)	Location
DCE_Terra-Gen_CoachellaHills_COD_Notice	Coachella Hills II Wind	Milestone 3 - online	D.21-06-035, 2023	
DCE_OhmConnect_ResiStation_RA_Filing_and_CIRA_Screenshot	OhmConnect Demand Response	Milestone 3 - online	D.21-06-035, 2023	
DCE_VesperEnergy_DeerCreek_PPA	Deer Creek Solar	Milestone 1 - executed contract	D.21-06-035, 2024, 2025	
DCE_VesperEnergy_DeerCreek_Evidence_of_Site_Control	Deer Creek Solar	Milestone 1 - executed contract	D.21-06-035, 2024, 2025	
DCE_VesperEnergy_DeerCreek_InterconnectionAgreement	Deer Creek Solar	Milestone 1 - executed contract	D.21-06-035, 2024, 2025	
DCE_FervoEnergy_Cape Generating_PPA	Cape Generating Station Geothermal	Milestone 1 - executed contract	D.21-06-035, 2026	
DCE_FervoEnergy_Cape Generating_Engineering_Assessment	Cape Generating Station Geothermal	Milestone 1 - executed contract	D.21-06-035, 2026	
DCE_FervoEnergy_Cape Generating_Evidence_of_Site_Control	Cape Generating Station Geothermal	Milestone 1 - executed contract	D.21-06-035, 2026	

APPENDIX C

ReleaseVersion	rdtv3
ReleaseDate	23-Sep-22

In order to run the macro, LSEs must FIRST enable macros. Then, they are instructed to complete the RDT data entry fully, then push the button on the README tab.

ReleaseVersion	ReleaseDate	ID
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RDTv3 beta 6/6/2022

RDTv3 Release 6/15/2022

RDTv3 Updated 6/20/2022

RDTv3 Updated 7/15/2022

RDTv3 Updated 7/29/2022

RDTv3 Updated 8/23/2022

RDTv3 Updated 9/23/2022

RDTv3 Updated 10/11/2022

Note

Minor updates in columns' names

Reliability tabs updates & some minor updates to the resource tab

- 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
- 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, *Rows with invalid buying_energy_capacity and csp_resource_category*; flags contracts with non-storage CSP resources is marked as CapacityOnly and is marked as CSP.
- 4) "ReportSheet" tab: summation now includes contracts that are both "Buy" and "Owned"
- 1) corrects made to macro
- 2) fixes the ELCC type issues for a few generic resources
- 1) corrects made to the "CSPReportSheet"

lse_unique_contract_id	resource	alternative_resource_name	contract_status	project_interconnection_position	interconnection_substation	marginal_addition	marginal_addition_to	total_nameplate_capacity	contracted_nameplate_capacity	sep_contracted_mw_nqc	contract_gwh_annual	is_hybrid_paired	can_charge_from_grid
DCE_PPA_CoachellaHills	GARNET_2_COAWDZ	Coachella Hills II	Online	WOT-1384	NA	NA		11	11	1	36	NewSolarNewStorage	NO
DCE_PPA_DeerCreek	_NEW_GENERIC_SOLAR_LIAMS	Deer Creek Solar	Development		NA	NA		50	50	50	181		
DCE_PPA_Fervo	_NEW_GENERIC_GEOTHERMAL	Fervo Geothermal	Development		NA	NA		20	3	3	25		
DCE_BAONLY_OhmConnect	_NEW_GENERIC_DR	OhmConnect Demand Response	Development		NA	NA		15	5	5	0		

total_generator_mw	contracted_generator_mw	total_storage_mw	contracted_storage_mw	solar_technology_sub_type	storage_technology_sub_type	total_storage_depth_mwh	contracted_storage_depth_mwh	viability_cod_reasonableness	viability_technical_feasibility	viability_financing_sitecontrol	resource_mix	d1911016_vamo_ghgfre	buy_sell_own
50	50	50	50	1Axis	Li	200	200	2 2 2	2 2 2	5 5 5			Buy Buy Buy Buy

counterparty	generator_supplier	developer_name	capacity_area	capacity_sub_area	cpuc_approval_ref	county	COD_year	COD_month	COD_day	contract_start_date_year	contract_start_date_month	contract_start_date_day	contract_end_date_year	contract_end_date_month	contract_end_date_day	contract_execution_date_year
non-LSE supplier		Coachella Winds Holding, LLC	LABasin	LA Basin Eastern	NA	RiversideCounty	2021	5	4	2021	5	4	2035	12	31	2021
non-LSE supplier		Deer Creek Solar I LLC	SCE	No_sub_area	NA	TulareCounty	2024	5	1	2024	5	1	2044	12	31	2021
non-LSE supplier		Cage Generating Station 1 LLC	PACE	No_sub_area	NA	Utah	2026	6	1	2026	6	1	2041	5	30	2022
non-LSE supplier		Resi Station, LLC	SCE	No_sub_area	NA	California	2023	1	1	2023	1	1	2032	12	31	2022

contract_execution_date_month	contract_execution_date_day	tx_upgrades	tx_upgrade_date_year	tx_upgrade_date_month	tx_upgrade_date_day	tx_upgrade_description	d1911016_tranche	d2106035_procurement_cat	mtr_tranche1_NQC	mtr_tranche2_NQC	mtr_tranche3_NQC	mtr_tranche4_NQC_LDES	mtr_tranche4_NQC_firm_ZE	mtr_NQC_ZE_gen_paired_dr	previous_COD_year	previous_COD_month	previous_COD_day
1	8	NA					NA	ZE_gen_paired_dr	1					1			
4	19	NO					NA	ZE_gen_paired_dr		50				50			
9	29	YES	2026	6	1	Network Upgrades	NA	firm_ZE					3	3	2023	12	31
7	3	NO					NA	ZE_gen_paired_dr	5					5			

remediation_plan	signed_contract	notice_to_proceed	public_contract	buying_energy_capacity	NQC_reporting_source	procurement_origin	csp_resource_category	csp_annual_2024	csp_annual_2026	csp_annual_2030	csp_annual_2035	macro_supertype	notes
NA	YES		YES	EnergyCapacity	Calculated	RPS						physical	
NA	YES		YES	EnergyCapacity	Calculated	RPS						newgeneric	
NA	YES		YES	EnergyCapacity	Calculated	RPS, D2106035						newgeneric	
NA	YES		YES	CapacityOnly	In the contract	D2106035						newgeneric	

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resource	generator_name
7STDRD_1_SOLAR1	SHAFTER_SOLAR
ACACIA_6_SOLAR	WEST_ANTELOPE_SOLAR
ADELANTO_SOLAR	NAN
ADERA_1_SOLAR1	ADERA_SOLAR
ADLIN_1_UNITS	GEYSERS_AIDLIN_AGGREGATE
ADMEST_6_SOLAR	ADAMS_EAST
ADOBEE_1_SOLAR	ADOBE_SOLAR
AGCANA_X_HOOVER	HOOVER_POWER_PLANT
AGRICO_6_PL3N5	FRESNO_PEAKEER
AGRICO_7_UNIT	FRESNO_COGEN
AGUCAL_5_SOLAR1	AGUA_CALIENTE_SOLAR
AKINGS_6_AMESR1	AMERICAN_KINGS_SOLAR
ALAMIT_2_PL1X3	ALAMITOS_ENERGY_CENTER_UNIT_7
ALAMIT_7_ES1	ALAMITOS_ENERGY_STORAGE
ALAMIT_7_UNIT_3	ALAMITOS_GEN_STA._UNIT_3
ALAMIT_7_UNIT_4	ALAMITOS_GEN_STA._UNIT_4
ALAMIT_7_UNIT_5	ALAMITOS_GEN_STA._UNIT_5
ALAMO_6_UNIT	ALAMO_POWER_PLANT
ALHMBR_1_ALHSLR	SG_ALHAMBRA
ALLGNY_6_HYDRO1	SALMON_CREEK_HYDROELECTRIC_PROJECT
ALMASL_2_AL6BT6	MAVERICK6STORAGE
ALMASL_2_GS1SR1	ALMASOL_GENERATING_STATION_1
ALMASL_2_GS4SR4	ALMASOL_GENERATING_STATION_4
ALMASL_2_GS6SR6	ALMASOL_GENERATING_STATION_6
ALMASL_2_GS7SR7	ALMASOL_GENERATING_STATION_7
ALMEGT_1_UNIT_1	ALAMEDA_GT_UNIT_1
ALMEGT_1_UNIT_2	ALAMEDA_GT_UNIT_2
ALPSLR_1_NTHSLR	ALPAUGH_NORTH,LLC
ALPSLR_1_SPSSLR	ALPAUGH_50_LLC
ALT6DN_2_WIND7	PINYON_PINES_1
ALT6DS_2_WIND9	PINYON_PINES_2
ALTA3A_2_CPCE4	ALTA_WIND_4
ALTA3A_2_CPCE5	ALTA_WIND_5
ALTA3A_2_CPCE8	ALTA_WIND_8
ALTA4A_2_CPCW1	ALTA_WIND_1
ALTA4B_2_CPCW2	ALTA_WIND_2
ALTA4B_2_CPCW3	ALTA_WIND_3
ALTA4B_2_CPCW6	MUSTANG_HILLS
ALTA6B_2_WIND11	ALTA_WIND_11
ALTA6E_2_WIND10	ALTA_WIND_10
ALTAGASSTORAGE	NAN
ALTWD_1_QF	NAN
ALTWD_2_AT3WD3	ALTECH_3
ALTWD_2_COAWD1	COACHELLA_1
ANAHM_2_CANYN1	CANYON_POWER_PLANT_UNIT_1
ANAHM_2_CANYN2	CANYON_POWER_PLANT_UNIT_2

ANAHM_2_CANYN3
ANAHM_2_CANYN4
ANAHM_7_CT
ANTLPE_2_QF
ANZA_6_SOLAR1
APEX_CC
APLHIL_1_SFKHY1
APLHIL_1_SLABCK
AQUAWS_2_AQWSR1
ARATINASOLAR
ARATINASTORAGE
ARBWD_6_QF
ARCOGN_2_UNITS
ARKANS_1_ARKSLR
ARLINT_5_SCEDYN
ARLNTN_2_AR1SR1
ARLNTN_2_ASUSR1
ARLVAL_5_SOLAR
ARVINN_6_ORION1
ARVINN_6_ORION2
ASTORA_2_SOLAR1
ASTORA_2_SOLAR2
ATHOS_5_AP1X2
ATHOS_5_AP2X2
ATWEL2_1_SOLAR1
ATWELL_1_SOLAR
AVENAL_6_AVPARK
AVENAL_6_AVSLR1
AVENAL_6_AVSLR2
AVENAL_6_SANDDG
AVENAL_6_SUNCTY
AVSOLR_2_SOLAR
AZALEASOLAR
AZALEASTORAGE
BAHIA_2_LKHSR1
BALCHS_7_UNIT 1
BALCHS_7_UNIT 2
BALCHS_7_UNIT 3
BANGOR_6_HYDRO
BANKPP_2_NSPIN
BARRE_2_QF
BARRE_6_PEAKE
BASICE_2_UNITS
BCTSYS_5_PWXDYN
BDGRCK_1_UNITS
BEACON_SOLAR_B
BEARDS_7_UNIT 1

CANYON_POWER_PLANT_UNIT_3
CANYON_POWER_PLANT_UNIT_4
NAN
ANTELOPE QFS
SEVILLE SOLAR ONE
NAN
SOUTH FORK POWERHOUSE
SLAB CREEK HYDRO
Aquamarine Westside
NAN
NAN
WIND RESOURCE II
WATSON COGENERATION
SG ARKANSAS
ARLINGTON VALLEY CC
Arlington
Arlington Solar 1
ARLINGTON VALLEY SOLAR ENERGY II
ORION 1 SOLAR
ORION 2 SOLAR
ASTORIA 1
ASTORIA 2
INTERSECTSOLAR
Athos Power Plant 2
ATWELL WEST
ATWELL ISLAND PV SOLAR GENERATING FAC
AVENAL PARK SOLAR PROJECT
AVENAL SOLAR 1
AVENAL SOLAR 2
SAND DRAG SOLAR PROJECT
SUN CITY SOLAR PROJECT
AV SOLAR RANCH 1
NAN
NAN
LAKE HERMAN SOLAR
BALCH 1 PH UNIT 1
BALCH 2 PH UNIT 2
BALCH 2 PH UNIT 3
VIRGINIA RANCH DAM POWERPLANT
BANKPP_2_NSPIN
BARRE QFS
BARRE PEAKER
KING CITY COGEN
BCTSYS_5_PWXDYN
BADGER CREEK LIMITED
NAN
BEARDSLEY HYDRO

BEARMT_1_UNIT
BEJNLS_5_BV2SCEDYN
BEKWJS_5_BV1SCEDYN
BELDEN_7_UNIT 1
BELLEVUESOLARINV1
BGSKYN_2_AS2SR1
BGSKYN_2_ASPSR2
BGSKYN_2_ASSR1B
BGSKYN_2_ASSR3A
BGSKYN_2_ASSR3B
BGSKYN_2_BS3SR3
BIGBEAUSTORAGE
BIGCRK_2_EXESWD
BIGCRK_7_DAM7
BIGCRK_7_MAMRES
BIGSKY_2_AS2BT1
BIGSKY_2_AS1BT2
BIGSKY_2_BSKSR6
BIGSKY_2_BSKSR7
BIGSKY_2_BSKSR8
BIGSKY_2_SOLAR1
BIGSKY_2_SOLAR2
BIGSKY_2_SOLAR3
BIGSKY_2_SOLAR4
BIGSKY_2_SOLAR5
BIGSKY_2_SOLAR6
BIGSKY_2_SOLAR7
BIGSKY1
BIGSKY2
BIOMAS_1_UNIT 1
BIOMASSONEGE1
BISHOP_1_ALAMO
BISHOP_1_UNITS
BKRFLD_2_SOLAR1
BLACK_7_UNIT 1
BLACK_7_UNIT 2
BLACK_WALNUT
BLAST_1_WIND
BLCKBT_2_STONEY
BLCKWL_6_SOLAR1
BLKCRK_2_GMCBT1
BLKCRK_2_SOLAR1
BLKDIA_2_BDEBT1
BLM W_2_COSBT1
BLM_2_UNITS
BLUE_MOUNTAIN_ELECTRIC_COMPANY
BLULKE_6_BLUELK

BEAR MOUNTAIN LIMITED
BROADVIEW 2
BROADVIEW 1
BELDEN HYDRO
NAN
ANTELOPE SOLAR 2
ANTELOPE SOLAR 2 SAN PABLO
Antelope Solar 1B
ANTELOPE SOLAR 3A
ANTELOPE SOLAR 3B
BIG SKY SOLAR 3
NAN
BIG CREEK HYDRO PROJECT PSP
DAM 7 AT BIG CREEK (FISHWATER GEN)
MAMMOTH POOL RESERVOIR (FISHWATER
Antelope Solar 2 LAB
ANTELOPE SOLAR 2 LUNA
BIG SKY SOLAR 6
BIG SKY SOLAR 7
BIG SKY SOLAR 8
ANTELOPE BIG SKY RANCH
BIG SKY SOLAR 4
BIG SKY SUMMER
WESTERN ANTELOPE BLUE SKY RANCH B
BIG SKY SOLAR 2
SOLVERDE 1
BIG SKY SOLAR 1
NAN
NAN
WOODLAND BIOMASS
NAN
BISHOP CREEK PLANT 2 AND 6
BISHOP CREEK PLANT 3 AND 4
BAKERSFIELD 111
JAMES B. BLACK 1
JAMES B. BLACK 2
NAN
MOUNTAIN VIEW IV WIND
BLACK BUTTE HYDRO
BLACKWELL SOLAR
GENESIS MCCOY BESS
MCCOY STATION
BLACK DIAMOND ENERGY STORAGE
COSOSTORAGE
BLM EAST FACILITY
NAN
NAN

BLYTHE_1_SOLAR1
BLYTHE_1_SOLAR2
BLYTHESTORAGE1
BNNIEN_7_ALTAPH
BOGUE_1_UNITA1
BORDER_6_UNITA1
BOWMN_6_HYDRO
BRDGLV_7_BAKER
BRDSLD_2_HIWIND
BRDSLD_2_MZUM2
BRDSLD_2_MZUMA
BRDSLD_2_SHILO1
BRDSLD_2_SHILO2
BRDSLD_2_SHLO3A
BRDSLD_2_SHLO3B
BREGGO_6_DEGRSL
BREGGO_6_SOLAR
BRODIE_2_WIND
BUCKBL_2_PL1X3
BUCKCK_2_HYDRO
BUCKCK_7_OAKFLT
BUCKCK_7_PL1X2
BUCKWD_1_NPALM1
BUCKWD_1_QF
BUCKWD_7_WINTCV
BURNYF_2_UNIT 1
BUTTVL_7_UNIT 1
CABALO_2_M2BSR1
CABALO_2_M2WSR2
CABZON_1_WINDA1
CALFTN_2_CFSBT1
CALFTN_2_SOLAR
CALFTS_2_CFSSR1
CALGEN_1_UNITS
CALPIN_1_AGNEW
CALPSS_6_SOLAR1
CAMCHE_1_PL1X3
CAMDEN_6_RDDBM1
CAMERON
CAMLOT_2_SOLAR1
CAMLOT_2_SOLAR2
CAMPFW_7_FARWST
CANTUA_1_SOLAR
CAPWD_1_QF
CARBOU_7_PL2X3
CARBOU_7_PL4X5
CARBOU_7_UNIT 1

BLYTHE SOLAR 1 PROJECT
BLYTHE GREEN 1
NAN
ALTA POWER HOUSE
FEATHER RIVER ENERGY CENTER, UNIT #1
CALPEAK POWER BORDER UNIT 1
NID HYDRO BOWMAN POWERHOUSE
BAKER STATION HYDRO
HIGH WINDS ENERGY CENTER
NEXTERA ENERGY MONTEZUMA WIND II
FPL ENERGY MONTEZUMA WIND
SHILOH I WIND PROJECT
SHILOH WIND PROJECT 2
SHILOH III WIND PROJECT, LLC
SHILOH IV WIND PROJECT
DESERT GREEN SOLAR FARM
NRG BORREGO SOLAR ONE
CORAM BRODIE WIND PROJECT
BLYTHE ENERGY CENTER
LASSEN STATION HYDRO
OAK FLAT
BUCKS CREEK AGGREGATE
NORTH PALM SPRINGS 1A
BUCKWIND RE-POWERING PROJECT
WINTEC ENERGY, LTD.
BURNIEY FOREST POWER
BUTT VALLEY HYDRO
MUSTANG 2 BARBARO SOLAR
MUSTANG 2 WHIRLAWAY SOLAR
CABAZON WIND PROJECT
California Flats Storage
CALIFORNIA FLATS NORTH
CALIFORNIA FLATS SOLAR SOUTH
COSO NAVY 1
AGNEWS POWER PLANT
CALIPATRIA SOLAR FARM
CAMANCHE UNITS 1, 2 & 3 AGGREGATE
RUANN DAIRY DIGESTER BIOMAT
NAN
CAMELOT
COLUMBIA TWO
CAMP FAR WEST HYDRO
CANTUA SOLAR STATION
EDOM HILLS WIND FARM
CARIBOU PH 1 UNIT 2 & 3 AGGREGATE
CARIBOU PH 2 UNIT 4 & 5 AGGREGATE
CARIBOU PH 1 UNIT 1

CARGILLB6BIO1	NAN
CARGILLB6BIO2	NAN
CARLS1_2_CARCT1	CARLSBAD 1
CARLS2_1_CARCT1	CARLSBAD 2
CARSON_ICE_CC	NAN
CARSON_ICE_PEAKER	NAN
CASADB_1_CD4GT1	NAN
CASCADESTORAGE	NAN
CASTAIC_1	NAN
CASTAIC_2	NAN
CASTAIC_3	NAN
CASTAIC_4	NAN
CASTAIC_5	NAN
CASTAIC_6	NAN
CASTVL_2_FCELL	NAN
CATLNA_2_SOLAR	CATALINA SOLAR - PHASES 1 AND 2
CATLNA_2_SOLAR2	CATALINA SOLAR 2
CAVLSR_2_BSOLAR	CALIFORNIA VALLEY SOLAR RANCH-PHASE B
CAVLSR_2_RSOLAR	CALIFORNIA VALLEY SOLAR RANCH-PHASE A
CAYTNO_2_VASCO	VASCO ROAD
CDWR07_2_GEN	CDWR07_2_GEN
CEDRCK_6_UNIT	WATER WHEEL RANCH
CEDUCR_2_SOLAR1	DUCOR SOLAR 1
CEDUCR_2_SOLAR2	DUCOR SOLAR 2
CEDUCR_2_SOLAR3	DUCOR SOLAR 3
CEDUCR_2_SOLAR4	DUCOR SOLAR 4
CENT40_1_C40SR1	CENTRAL 40
CENTER_2_RHONDO	MWD RIO HONDO HYDROELECTRIC RECOVER
CENTER_2_SOLAR1	PICO RIVERA
CENTER_2_TECNG1	TECHNICAST
CENTER_6_PEAKER	CENTER PEAKER
CENTRY_6_PL1X4	CENTURY GENERATING PLANT (AGGREGATE
CHALANSOLAR	NAN
CHALANSTORAGE	NAN
CHALK_1_UNIT	CHALK CLIFF LIMITED
CHARMN_2_PGONG1	PROCTER AND GAMBLE OXNARD I
CHEVCD_6_UNIT	CHEVRON USA (TAFT/CADET)
CHEVCO_6_UNIT 1	CHEVRON USA (COALINGA)
CHEVCO_6_UNIT 2	AERA ENERGY LLC. (COALINGA)
CHEVCY_1_UNIT	CHEVRON USA (CYMRIC)
CHEVMN_2_UNITS	CHEVRON U.S.A. UNITS 1 & 2 AGGREGATE
CHICPK_7_UNIT 1	CHICAGO PARK POWERHOUSE
CHILLS_1_SYCENG	SYCAMORE ENERGY 1
CHILLS_7_UNITA1	SYCAMORE ENERGY 2
CHINO_2_APEBT1	POMONA ENERGY STORAGE
CHINO_2_JURUPA	JURUPA
CHINO_2_QF	CHINO QFS

CHINO_2_SASOLR
CHINO_2_SOLAR
CHINO_2_SOLAR2
CHINO_6_CIMGEN
CHINO_6_SMPPAP
CHINO_7_MILIKN
CHWCHL_1_BIOMAS
CHWCHL_1_UNIT
CLINESCO_3_PVDYN
CLINESCO_3_WBDYN
CLOVDL_1_SOLAR
CLOVER_2_UNIT
CLRKR_6_LIMESD
CLRM_1_QF
CNTNLA_2_SOLAR1
CNTNLA_2_SOLAR2
CNTRVL_6_UNIT
COACHELLA_1
COACHELLA_2
COACHELLA_3
COACHELLA_4
COACHELLA_BATTERY
COACHELLAWIND
COCOPP_2_CTG1
COCOPP_2_CTG2
COCOPP_2_CTG3
COCOPP_2_CTG4
COCOSB_6_SOLAR
COGNAT_1_UNIT
COLEMN_2_UNIT
COLGAT_7_UNIT 1
COLGAT_7_UNIT 2
COLGNS_2_CNSSR1
COLPIN_6_COLLNS
COLTON_6_AGUAM1
COLUSA_2_PL1X3
COLVIL_7_PL1X2
CONTRL_1_CASAD1
CONTRL_1_CASAD2
CONTRL_1_CASAD3
CONTRL_1_LUNDY
CONTRL_1_OXBOW
CONTRL_1_POOLE
CONTRL_1_QF
CONTRL_1_RUSHCK
COPMT2_2_SOLAR2
COPMT4_2_SOLAR4

SS SAN ANTONIO WEST LLC
CHINO RT SOLAR 1
KONA SOLAR - TERRA FRANCESCA
CHINO CO-GENERATION
NAN
MN MILLIKEN GENCO LLC
CHOW II BIOMASS TO ENERGY
CHOW 2 PEAKER PLANT
CLINES CORNERS
CLINES CORNERS B
CLOVERDALE SOLAR I
CLOVER CREEK
LIME SADDLE HYDRO
SMALL QF AGGREGATION - OAKLAND
CENTINELA SOLAR ENERGY I
CENTINELS SOLAR ENERGY 2
CENTERVILLE
NAN
NAN
NAN
NAN
NAN
NAN
MARSH LANDING 1
MARSH LANDING 2
MARSH LANDING 3
MARSH LANDING 4
OAKLEY SOLAR PROJECT
STOCKTON BIOMAS
COLEMAN
COLGATE POWERHOUSE UNIT 1
COLGATE POWERHOUSE UNIT 2
COLGREEN NORTH SHORE
COLLINS PINE
AGUA MANSA UNIT 1 (CITY OF COLTON)
COLUSA GENERATING STATION
COLLIERVILLE HYDRO UNIT 1 & 2 AGGREGAT
MAMMOTH G1
MAMMOTH G2
MAMMOTH G3
LUNDY
DIXIE VALLEY GEO
POOLE HYDRO PLANT 1
CONTROL QFS
RUSH CREEK
CMS2
COPPER MOUNTAIN SOLAR 4

COPMTN_2_CM10
COPMTN_2_SOLAR1
COPPER_MOUNTAIN_3_01
COPPER_MOUNTAIN_3_02
COPPER_MOUNTAIN_3_03
COPPER_MOUNTAIN_3_04
COPPER_MOUNTAIN_3_05
COPPER_MOUNTAIN_3_06
COPPER_MOUNTAIN_3_07
COPPER_MOUNTAIN_3_08
COPPER_MOUNTAIN_3_09
COPPER_MOUNTAIN_3_10
CORCAN_1_SOLAR1
CORCAN_1_SOLAR2
CORDOVA_FIR_SOLAR
CORONS_2_SOLAR
CORONS_6_CLRWTR
CORRAL_6_SJOAQN
COSUMNES_CC
COTTLE_2_FRNKNH
COVERD_2_HCKHY1
COVERD_2_MCKHY1
COVERD_2_QFUNTS
COVERD_2_RCKHY1
COWCRK_2_UNIT
CPSTNO_7_PRMA DS
CPVERD_2_SOLAR
CRELMN_6_RAMON1
CRELMN_6_RAMON2
CRELMN_6_RAMSR3
CRESSY_1_PARKER
CRESTA_7_PL1X2
CRIMSN_2_CRMBT1
CRIMSN_2_CRMBT2
CRNEVL_6_CRNVA
CRNEVL_6_SJQN 2
CRNEVL_6_SJQN 3
CROKET_7_UNIT
CROWCREEKSOLAR
CROWCREEKSTORAGE
CRSTWD_6_KUMYAY
CRWCKS_1_SOLAR1
CSCCOG_1_UNIT 1
CSCG NR_1_UNIT 1
CSCG NR_1_UNIT 2
CSLR45_2_SOLAR
CSTOGA_6_LNDFIL

COPPER MOUNTAIN 10
COPPER MOUNTAIN 48
COPPER_MOUNTAIN_3_01
COPPER_MOUNTAIN_3_02
COPPER_MOUNTAIN_3_03
COPPER_MOUNTAIN_3_04
COPPER_MOUNTAIN_3_05
COPPER_MOUNTAIN_3_06
COPPER_MOUNTAIN_3_07
COPPER_MOUNTAIN_3_08
COPPER_MOUNTAIN_3_09
COPPER_MOUNTAIN_3_10
CID SOLAR
CORCORAN CITY
NAN
MASTER DEVELOPMENT CORONA
CLEARWATER POWER PLANT
AMERESCO SAN JOAQUIN
NAN
FRANKENHEIMER POWER PLANT
HATCHET CREEK
MONTGOMERY CREEK HYDRO
COVE HYDROELECTRIC PROJECT
ROARING CREEK
COW CREEK HYDRO
PRIMA DESCHECHA (CAPISTRANO)
CAMPO VERDE SOLAR
RAMONA 1
RAMONA 2
RAMONA SOLAR ENERGY
PARKER POWERHOUSE
CRESTA PH UNIT 1 & 2 AGGREGATE
Crimson (CAISO), Sonoran West (LSEs)
Crimson 2
CRANE VALLEY
SAN JOAQUIN 2
SAN JOAQUIN 3
CROCKETT COGEN
NAN
NAN
KUMEYAAY WIND FARM
CROW CREEK SOLAR 1
SANTA CLARA CO-GEN
GIANERA PEAKER UNIT 1
GIANERA PEAKER UNIT 2
CSOLAR IV SOUTH
CLOVER FLAT LAND FILL GAS

CSTRVL_7_PL1X2
CSTRVL_7_QFUNTS
CTNWDP_1_QF
CUMBIA_1_SOLAR
CUMMNG_6_SUNCT1
CURTIS_1_CANLCK
CURTIS_1_FARFLD
CUYAMS_6_CUYSR1
DAIRLD_1_CR1BM1
DAIRLD_1_MD1SL1
DAIRLD_1_MD2BM1
DALYCT_1_FCELL
DAVID_TEVELDE_DAIRY_DIGESTER
DAVIS_1_SOLAR1
DAVIS_1_SOLAR2
DAVIS_7_MNMETH
DEADCK_1_UNIT
DEERCR_6_UNIT 1
DEL_RANCH_COMPANY
DELAMO_2_SOLAR1
DELAMO_2_SOLAR2
DELAMO_2_SOLAR3
DELAMO_2_SOLAR4
DELAMO_2_SOLAR5
DELAMO_2_SOLAR6
DELAMO_2_SOLRC1
DELAMO_2_SOLRD
DELSUR_6_BSOLAR
DELSUR_6_CREST
DELSUR_6_DRYFRB
DELSUR_6_SOLAR1
DELSUR_6_SOLAR4
DELSUR_6_SOLAR5
DELTA_2_PL1X4
DESERT_POWER_3
DESERT_VIEW
DEVERS_1_QF
DEVERS_1_SEPV05
DEVERS_1_SOLAR
DEVERS_1_SOLAR1
DEVERS_1_SOLAR2
DEVERS_2_CS2SR4
DEVERS_2_DHSPG2
DEXZEL_1_UNIT
DIABLO_7_UNIT 1
DIABLO_7_UNIT 2
DIAMOND_H_DAIRY_POWER

MARINA LAND FILL GAS
CASTROVILLE QF AGGREGATE
SMALL QF AGGREGATION - BURNEY
COLUMBIA SOLAR ENERGY II
SUNSELECT 1
CANAL CREEK POWERHOUSE
FAIRFIELD POWERHOUSE
CUYAMA SOLAR
NAN
MADERA 1
MADERA DIGESTER GENSET 2
NAN
NAN
GRASSLANDS 3
GRASSLANDS 4
MM YOLO POWER LLC
DEADCK_1_UNIT
DEER CREEK
NAN
GOLDEN SPRINGS BUILDING H
GOLDEN SPRINGS BUILDING M
GOLDEN SPRINGS BUILDING G
GOLDEN SPRINGS BUILDING F
GOLDEN SPRINGS BUILDING L
FREEWAY SPRINGS
GOLDEN SPRINGS BUILDING C1
GOLDEN SOLAR BUILDING D
CENTRAL ANTELOPE DRY RANCH B
NAN
DRY FARM RANCH B
SUMMER SOLAR NORTH
RADIANCE SOLAR 4
RADIANCE SOLAR 5
DELTA ENERGY CENTER AGGREGATE
NAN
NAN
NAN
SEPV 5
CASCADE SOLAR
SEPV8
SEPV9
CALIENTE SOLAR 2
DESERT HOT SPRINGS 2
WESTERN POWER AND STEAM COGENERATI
DIABLO CANYON UNIT 1
DIABLO CANYON UNIT 2
NAN

DINUBA_6_UNIT
DISCOV_1_CHEVRN
DIVSON_6_NSQF
DIXNLD_1_LNDFL
DMDVLY_1_UNITS
DONNLS_7_UNIT
DOSMGO_2_NSPIN
DOUBLC_1_UNITS
DOUBLEADIGESTER1
DOUBLEADIGESTER2
DOUBLEADIGESTER3
DRACKR_2_D4SR4B
DRACKR_2_DS3SR3
DRACKR_2_DS4SR4
DRACKR_2_DSUBT1
DRACKR_2_DSUBT2
DRACKR_2_DSUBT3
DRACKR_2_DSUBT4
DRACKR_2_SOLAR1
DRACKR_2_SOLAR2
DRACKR_3_DSUBT3
DREWS_6_PL1X4
DREWSR_2_BHSSR1
DRUM_7_PL1X2
DRUM_7_PL3X4
DRUM_7_UNIT 5
DSABLA_7_UNIT
DSFLWR_2_WS2SR1
DSRTHV_2_DH1SR1
DSRTHV_2_DH2BT1
DSRTHV_2_DH2SR2
DSRTSL_2_SOLAR1
DSRTSN_2_DS2X2
DSRTSN_2_SOLAR1
DSRTSN_2_SOLAR2
DTCHWD_2_BT3WND
DTCHWD_2_BT4WND
DUANE_1_PL1X3
DURNMESA_3_WBDYN
DUTCH1_7_UNIT 1
DUTCH2_7_UNIT 1
DVLCYN_1_UNITS
DYERSM_6_DSWWD1
EARTH_ENERGY_1
EASTWD_7_UNIT
EDMONS_2_NSPIN
EDWARD_2_E21SB1_LESR

NAN
CHEVRON USA (EASTRIDGE)
NAN
ZERO WASTE ENERGY
DIAMOND VALLEY LAKE PUMP-GEN PLANT
DONNELLS HYDRO
DOSMGO_2_NSPIN
DOUBLE "C" LIMITED
NAN
NAN
NAN
DRACKER SOLAR UNIT 4B
DRACKER SOLAR UNIT 3
DRACKER SOLAR UNIT 4
DRACKER SOLAR UNIT 1 BESS
DRACKER SOLAR UNIT 2 BESS
DRACKER SOLAR UNIT 3 BESS
Dracker Solar Unit 4 BESS
DRACKER SOLAR UNIT 1
DRACKER SOLAR UNIT 2
NAN
DREWS GENERATING PLANT
Blue Hornet Solar
DRUM PH 1 UNITS 1 & 2 AGGREGATE
DRUM PH 1 UNITS 3 & 4 AGGREGATE
DRUM PH 2 UNIT 5
DE SABLA HYDRO
WILLOW SPRINGS 2
DESERT HARVEST
DESERT HARVEST BESS
DESERT HARVEST 2
DESERT STATELINE
Desert Sunlight PV II Storage
DESERT SUNLIGHT 300
DESERT SUNLIGHT 250
BROOKFIELD TEHACHAPI 3
BROOKFIELD TEHACHAPI 4
DONALD VON RAESFELD POWER PROJECT
DURAN MESA
DUTCH FLAT 1 PH
DUTCH FLAT 2 PH
DEVIL CANYON HYDRO UNITS 1-4 AGGREGATE
DYER SUMMIT WIND REPOWER
NAN
EASTWOOD PUMP-GEN
EDMONS_2_NSPIN
EdSan 2 Edwards 1A

EDWARD_2_E21SB1_SUN
EDWARD_2_E23SB1
EDWARD_2_E23SB1_LESR
EDWARD_2_ES2BT3
EDWARD_2_ES2BT3_LESR
EEKTMN_6_SOLAR1
EL_CENTRO_4
EL_CENTRO_CC2
EL_CENTRO_CC3
ELCABO_5_ECWSCEDYN
ELCAJN_6_DRGEN1
ELCAJN_6_DRGEN2
ELCAJN_6_EB1BT1
ELCAJN_6_LM6K
ELCAJN_6_UNITA1
ELCAP_1_SOLAR
ELDORO_7_UNIT 1
ELDORO_7_UNIT 2
ELECTR_7_PL1X3
ELK_GROVE_1_SOLAR
ELK_GROVE_2_SOLAR
ELKCRK_6_STONYG
ELKHIL_2_PL1X3
ELKHRN_1_EESX3
ELLIS_2_QF
ELNIDP_6_BIOMAS
ELSEGN_2_UN1011
ELSEGN_2_UN2021
ENELBELLASTORAGE
ENERGETICS_PV
ENERSJ_2_WIND
ENERSJ_5_ESJWD2
ENWIND_2_WIND1
ENWIND_2_WIND2
ESCND0_6_EB1BT1
ESCND0_6_EB2BT2
ESCND0_6_EB3BT3
ESCND0_6_PL1X2
ESCND0_6_UNITB1
ESCO_6_GLMQF
ESNHWR_2_WC1BT1
ESQUON_6_LNDFIL
ESTWND_2_OPPWD1
ETIWND_2_CHMPNE
ETIWND_2_FONTNA
ETIWND_2_RTS010
ETIWND_2_RTS015

EdSan 2 Edwards 1A
EdSan 2 Edwards 3
EdSan 2 Edwards 3
EdSan 2
EdSan 2
EE K SOLAR 1
NAN
NAN
NAN
EL CABO WIND
NAN
NAN
EASTERN BESS 1
EL CAJON ENERGY CENTER
CUYAMACA PEAK ENERGY PLANT
2097 HELTON
EL DORADO UNIT 1
EL DORADO UNIT 2
ELECTRA PH UNIT 1 & 2 AGGREGATE
NAN
NAN
STONEY GORGE HYDRO AGGREGATE
ELK HILLS COMBINED CYCLE (AGGREGATE)
ELKHORN ENERGY STORAGE
ELLIS QFS
EL NIDO BIOMASS TO ENERGY
EL SEGUNDO ENERGY CENTER 5/6
EL SEGUNDO ENERGY CENTER 7/8
NAN
NAN
ESJ WIND ENERGY
ENERGIA_SIERRA_JUAREZ_2_US_LL
CAMERON RIDGE
RIDGETOP I
ESCONDIDO BESS 1
ESCONDIDO BESS 2
ESCONDIDO BESS 3
MMC ESCONDIDO AGGREGATE
CALPEAK POWER ENTERPRISE UNIT 1
GOAL LINE COGEN
Wildcat I BESS
NEAL ROAD LANDFILL GENERATING FACILITY
Oasis Power Plant Eastwind
CHAMPAGNE
FONTANALYTLE CREEK POWERHOUSE P
SPVP010 FONTANA RT SOLAR
SPVP015

ETIWND_2_RTS017
ETIWND_2_RTS018
ETIWND_2_RTS023
ETIWND_2_RTS026
ETIWND_2_RTS027
ETIWND_2_SOLAR1
ETIWND_2_SOLAR2
ETIWND_2_SOLAR5
ETIWND_2_UNIT1
ETIWND_6_GRPLND
ETIWND_6_MWDET1
EXCHEC_7_UNIT 1
EXCLSG_1_SOLAR
FAIRHV_6_UNIT
FALLBROOKSTORAGE
FELLOW_7_QFUNTS
FLOWD_2_RT2WD2
FLOWD_2_WIND1
FLOWD2_2_FPLWND
FMEADO_6_HELLHL
FMEADO_7_UNIT
FORBST_7_UNIT 1
FORKBU_6_UNIT
FRESHW_1_SOLAR1
FRESNOSOLAR
FRESNOSTORAGE
FRIANT_6_UNITS
FRITO_1_LAY
FRNTBW_6_SOLAR1
FROGTN_1_UTICAA
FROGTN_1_UTICAM
FTSWRD_6_TRFORK
FTSWRD_7_QFUNTS
FULTON_1_QF
GALE_1_SR3SR3
GANSO_1_WSTBM1
GARLND_2_GARBT1
GARLND_2_GASLR
GARLND_2_GASLRA
GARNET_1_SOLAR
GARNET_1_SOLAR2
GARNET_1_UNITS
GARNET_1_WIND
GARNET_1_WINDS
GARNET_1_WT3WND
GARNET_2_COAWD2
GARNET_2_DIFWD1

SPVP017
SPVP018 FONTANA RT SOLAR
SPVP023 FONTANA RT SOLAR
SPVP026
SPVP027
DEDEAUX ONTARIO
ROCHESTER
DULLES
ETIWND_2_UNIT1
GRAPELAND PEAKER
ETIWANDA RECOVERY HYDRO
EXCHEQUER HYDRO
EXCELSIOR SOLAR
NAN
NAN
FELLOW QF AGGREGATE
RIDGETOP 2
CAMERON RIDGE 2
DIABLO WINDS
FMEADO_6_HELLHL
FRENCH MEADOWS HYDRO
FORBESTOWN HYDRO
HYPOWER, INC. (FORKS OF BUTTE)
CORCORAN 3
NAN
NAN
FRIANT DAM
FRITO-LAY
FRONTIER SOLAR
ANGELS POWERHOUSE
MURPHYS POWERHOUSE
THREE FORKS WATER POWER PROJECT
FTSWRD_7_QFUNTS
SMALL QF AGGREGATION - ZENIA
SUNRAY 3
WESTSTAR DAIRY BIOGAS
GARLAND STORAGE
GARLAND B
GARLAND A
NORTH PALM SPRINGS 4A
GARNET SOLAR POWER GENERATION STATIO
GARNET GREEN POWER PROJECT AGGREGA
GARNET WIND ENERGY CENTER
GARNET WINDS AGGREGATION
WAGNER WIND
COACHELLA 2
NAN

GARNET_2_HYDRO
GARNET_2_WIND1
GARNET_2_WIND2
GARNET_2_WIND3
GARNET_2_WIND4
GARNET_2_WIND5
GARNET_2_WPMWD6
GASKW1_2_GW1SR1
GATES_2_SOLAR
GATES_2_WSOLAR
GATEWAY_2_GESBT1
GATWAY_2_PL1X3
GENESI_2_STG
GEO_EAST_MESA_2_1
GEO_EAST_MESA_3_1
GEO_EAST_MESA_3_2
GEYS11_7_UNIT11
GEYS12_7_UNIT12
GEYS13_7_UNIT13
GEYS14_7_UNIT14
GEYS16_7_UNIT16
GEYS17_2_BOTRCK
GEYS17_7_UNIT17
GEYS18_7_UNIT18
GEYS20_7_UNIT20
GIFENS_6_BUGSL1
GIFFEN_6_SOLAR
GIFFEN_6_SOLAR1
GILROY_1_UNIT
GILRPP_1_PL1X2
GILRPP_1_PL3X4
GLDFGR_6_SOLAR1
GLDFGR_6_SOLAR2
GLDTWN_6_COLUM3
GLDTWN_6_SOLAR
GLNARM_2_UNIT 5
GLNARM_7_UNIT 1
GLNARM_7_UNIT 2
GLNARM_7_UNIT 3
GLNARM_7_UNIT 4
GLOW_6_SOLAR
GOLETA_2_QF
GOLETA_2_VALBT1
GOLETA_6_ELLWOD
GOLETA_6_EXGEN
GOLETA_6_GAVOTA
GOLETA_6_TAJIGS

WHITEWATER HYDRO
PHOENIX
KAREN AVENUE WIND FARM
SAN GORGONIO EAST
WINDUSTRIES
EASTWIND
WINTEC PALM
GASKELL WEST 1
GATES SOLAR STATION
WEST GATES SOLAR STATION
GATEWAY ENERGY STROAGE
GATEWAY GENERATING STATION
GENESIS STATION
NAN
NAN
NAN
GEYSERS UNIT 11 (HEALDSBURG)
GEYSERS UNIT 12 (HEALDSBURG)
GEYSERS UNIT 13 (HEALDSBURG)
GEYSERS UNIT 14 (HEALDSBURG)
GEYSERS UNIT 16 (HEALDSBURG)
NAN
GEYSERS UNIT 17 (HEALDSBURG)
GEYSERS UNIT 18 (HEALDSBURG)
GEYSERS UNIT 20 (HEALDSBURG)
BURFORD GIFFEN
GIFFEN SOLAR STATION
ASPIRATION SOLAR G
GILROY COGEN AGGREGATE
GILROY ENERGY CENTER UNITS 1&2 AGGREGATE
GILROY ENERGY CENTER, UNIT #3
PORTAL RIDGE B
PORTAL RIDGE C
COLUMBIA 3
RIO GRANDE
GLENARM TURBINE 5
GLEN ARM UNIT 1
GLEN ARM UNIT 2
GLEN ARM UNIT 3
GLEN ARM UNIT 4
ANTELOPE POWER PLANT
GOLETA QFS
VALLECITO ENERGY STORAGE
ELLWOOD ENERGY SUPPORT FACILITY
EXXON COMPANY USA
NAN
NAN

GOLETA_6_TR2BM2
GONZLS_6_UNIT
GOOSLK_1_SOLAR1
GRADYW_5_GDYWD1
GRAYSON_3
GRAYSON_4
GRAYSON_5
GRAYSON_9
GRAYSON_CC
GRIDLY_6_SOLAR
GRIFFI_2_LSPDYN
GRIZLY_1_UNIT 1
GRNITE_6_ESCBT1
GRNLF1_1_PL1X2
GRNLF1_1_UNITS
GRNLF2_1_UNIT
GRNVLY_7_SCLAND
GRSCRK_6_BGCKWW
GRZZLY_1_BERKLY
GUERNS_6_HD3BM3
GUERNS_6_SOLAR
GUERNS_6_VH2BM1
GWFPWR_1_UNITS
GYS5X6_7_UNITS
GYS7X8_7_UNITS
GYSRVL_7_WSPRNG
HAASPH_7_PL1X2
HALSEY_6_UNIT
HARBGN_7_UNITS
HARBOR_CC
HARBOR_UNIT_10
HARBOR_UNIT_11
HARBOR_UNIT_12
HARBOR_UNIT_13
HARBOR_UNIT_14
HARDWK_6_STWBM1
HAT_CREEK_BIOENERGY__LLC
HATCR1_7_UNIT
HATCR2_7_UNIT
HATLOS_6_BWDHY1
HATLOS_6_LSCRK
HATRDG_2_WIND
HAYNES_1
HAYNES_11
HAYNES_12
HAYNES_13
HAYNES_14

Tajiguas Biogas Engines
JOHNSON CANYON LANDFILL
GOOSE LAKE
GRADY WIND
NAN
NAN
NAN
NAN
NAN
GRIDLEY MAIN TWO
GRIFFITH ENERGY
GRIZZLY HYDRO
EnerSmart El Cajon
Greenleaf 1
NAN
GREENLEAF II COGEN
SANTA CRUZ LANDFILL GENERATING PLANT
BIG CREEK WATER WORKS - CEDAR FLAT
BERKELEY COGENERATION
HANFORD DIGESTER GENSET 3
GUERNSEY SOLAR STATION
HANFORD DIGESTER GENSET 2
HANFORD PEAKER PLANT
GEYSERS UNITS 5 & 6 AGGREGATE
GEYSERS UNITS 7 & 8 AGGREGATE
WARM SPRINGS HYDRO
HAAS PH UNIT 1 & 2 AGGREGATE
HALSEY HYDRO
HARBOR COGEN COMBINED CYCLE
NAN
NAN
NAN
NAN
NAN
NAN
STILL WATER RANCH DAIRY
NAN
HAT CREEK #1
HAT CREEK #2
BIDWELL DITCH
LOST CREEK 1 & 2 HYDRO CONVERSION
HATCHET RIDGE WIND FARM
NAN
NAN
NAN
NAN
NAN

HAYNES_15	NAN
HAYNES_16	NAN
HAYNES_2	NAN
HAYNES_CC	NAN
HAYPRS_6_HAYHD1	HAYPRESS LOWER
HAYPRS_6_HAYHD2	HAYPRESS MIDDLE
HEBER_GEO_1	NAN
HEBER_GEO_2	NAN
HEBER_GEO_COMPLEX	NAN
HEBER_II	NAN
HEBER_SOLAR_PV	NAN
HEDGE_SOLAR	NAN
HELMPG_7_UNIT 1	HELMS PUMP-GEN UNIT 1
HELMPG_7_UNIT 2	HELMS PUMP-GEN UNIT 2
HELMPG_7_UNIT 3	HELMS PUMP-GEN UNIT 3
HENRTA_6_HDEBT1	HENRIETTA D ENERGY STORAGE
HENRTA_6_SOLAR1	LEMOORE 1
HENRTA_6_SOLAR2	WESTSIDE SOLAR POWER PV1
HENRTA_6_UNITA1	GWF HENRIETTA PEAKER PLANT UNIT 1
HENRTA_6_UNITA2	GWF HENRIETTA PEAKER PLANT UNIT 2
HENRTS_1_SOLAR	HENRIETTA SOLAR PROJECT
HERDLN_6_BYHSR1	Byron Highway Solar
HIDSRT_2_UNITS	HIGH DESERT POWER PROJECT AGGREGATE
HIGGNS_1_COMBIE	COMBIE SOUTH
HIGGNS_7_QFUNTS	HIGGNS_7_QFUNTS
HIGHDS_2_H5SBT1	HIGH 5 SOLAR BESS
HIGHDS_2_H5SSR1	HIGH 5 SOLAR
HILAND_7_YOLOWD	CLEAR LAKE UNIT 1
HINSON_6_CARBGH	BP WILMINGTON CALCINER
HINSON_6_LBECH1	LONG BEACH UNIT 1
HINSON_6_LBECH2	LONG BEACH UNIT 2
HINSON_6_LBECH3	LONG BEACH UNIT 3
HINSON_6_LBECH4	LONG BEACH UNIT 4
HINSON_6_SERRGN	SOUTHEAST RESOURCE RECOVERY
HMLTBR_6_UNITS	HAMILTON BRANCH PH (AGGREGATE)
HNTGBH_2_PL1X3	HUNTINGTON BEACH ENERGY
HNTGBH_7_UNIT 2	HUNTINGTON BEACH GEN STA. UNIT 2
HOLGAT_1_BORAX	U.S. BORAX, UNIT 1
HOLSTR_1_SOLAR	SAN BENITO SMART PARK
HOLSTR_1_SOLAR2	HOLLISTER SOLAR
HOOLEYDIGESTER1	NAN
HOOLEYDIGESTER2	NAN
HOOVER_2_MWDDYN	HOOVER
HOOVER_2_VEADYN	HOOVER
HUDSON_RANCH_I	NAN
HUMBPP_1_UNITS3	HUMBOLDT BAY GENERATING STATION 3
HUMBPP_6_UNITS	HUMBOLDT BAY GENERATING STATION 1

HUMBSB_1_QF
HUMMINGBIRDSTORAGE
HURON_6_SOLAR
HYTTHM_2_UNITS
IGNACO_1_QF
IMPERIAL_VALLEYIVSC2
INDIGO_1_UNIT 1
INDIGO_1_UNIT 2
INDIGO_1_UNIT 3
INDVLY_1_UNITS
INSKIP_2_UNIT
INTERMOUNTAIN_1
INTERMOUNTAIN_2
INTKEP_2_UNITS
INTMNT_3_ANAHEIM
INTMNT_3_PASADENA
INTMNT_3_RIVERSIDE
INTTRB_6_UNIT
IVANPA_1_UNIT1
IVANPA_1_UNIT2
IVANPA_1_UNIT3
IVSLR2_2_SM2SR1
IVSLRP_2_SOLAR1
IVWEST_2_SOLAR1
JACMSR_1_JACSR1
JANCRK_6_RCABT1
JAVASR_1_JAVSR1
JAWBNE_2_NSRWND
JAWBNE_2_SRWND
JAWBNE_2_SRWWD2
JAYNE_6_WLSLR
JJ_ELMORE
JOANEC_2_STABT1
JOANEC_2_STABT2
JOHANN_2_JOSBT1
JOHANN_2_JOSBT2
JOHANN_2_OCEBT2
JOHANN_2_OCEBT3
K_ROAD_MOAPA
K_ROAD_MODESTO
KANSAS_6_SOLAR
KEARNY_6_NESBT1
KEARNY_6_SESBT2
KEKAWK_6_UNIT
KELSO_2_UNITS
KELYRG_6_UNIT
KERKH2_7_UNIT 1

SMALL QF AGGREGATION - TRINITY
NAN
HURON SOLAR STATION
HYATT-THERMALITO PUMP-GEN (AGGREGA
SMALL QF AGGREGATION - VALLEJO/DINSM
NAN
INDIGO PEAKER UNIT 1
INDIGO PEAKER UNIT 2
INDIGO PEAKER UNIT 3
INDIAN VALLEY HYDRO
INSKIP HYDRO
NAN
NAN
CCSF HETCH_HETCHY HYDRO AGGREGATE
INTERMOUNTAIN POWER PROJECT
INTERMOUNTAIN POWER PROJECT
IPPDYN
INTERNATIONAL TURBINE RESEARCH
IVANPAH 1
IVANPAH 2
IVANPAH 3
SILVER RIDGE MOUNT SIGNAL 2
SILVER RIDGE MOUNT SIGNAL
IMPERIAL VALLEY WEST (Q # 608)
JACUMBA SOLAR FARM
Redwood Coast Airport Microgrid
NAN
NORTH SKY RIVER WIND PROJECT
NAN
Sky River Wind Repower B
WESTLANDS SOLAR FARM PV 1
NAN
SANTA ANA STORAGE 1
Santa Ana Storage 2
JOHANNA STORAGE 1
JOHANNA STORAGE 2
ORANGE COUNTY ENERGY STORAGE 2
ORANGE COUNTY ENERGY STORAGE 3
NAN
NAN
RE KANSAS SOUTH
KEARNY NORTH ENERGY STORAGE
KEARNY SOUTH ENERGY STORAGE
STS HYDROPOWER LTD. (KEKAWAKA)
MARIPOSA ENERGY
KELLY RIDGE HYDRO
KERKHOFF PH 2 UNIT #1

KERMAN_6_SOLAR1
KERMAN_6_SOLAR2
KERNFT_1_UNITS
KERNRG_1_UNITS
KERRGN_1_UNIT 1
KIEFER_LANDFILL_1_1
KIEFER_LANDFILL_1_2
KIEFER_LANDFILL_1_3
KIEFER_LANDFILL_2_1
KIEFER_LANDFILL_2_2
KILARC_2_UNIT 1
KINGCO_1_KINGBR
KINGRV_7_UNIT 1
KIRKER_7_KELCYN
KNGBRD_2_SOLAR1
KNGBRD_2_SOLAR2
KNGBRG_1_KBSLR1
KNGBRG_1_KBSLR2
KNGCTY_6_UNITA1
KNTSTH_6_SOLAR
KRAMER_1_KJ5SR5
KRAMER_1_SEGS37
KRAMER_1_SEGSR3
KRAMER_1_SEGSR4
KRAMER_2_SEGS 8
KRAMER_2_SEGS 9
KRAMER_2_SEGS89
KRNCNY_6_UNIT
KYCORA_6_KMSBT1
LACIEN_2_VENICE
LAGBEL_6_QF
LAKE
LAKESIDE_BIOGAS_LLC
LAKHDG_6_UNIT 1
LAKHDG_6_UNIT 2
LAMONT_1_SOLAR1
LAMONT_1_SOLAR2
LAMONT_1_SOLAR3
LAMONT_1_SOLAR4
LAMONT_1_SOLAR5
LAPAC_6_UNIT
LAPLMA_2_UNIT 1
LAPLMA_2_UNIT 2
LAPLMA_2_UNIT 3
LAPLMA_2_UNIT 4
LARKSP_6_UNIT 1
LARKSP_6_UNIT 2

FRESNO SOLAR SOUTH
FRESNO SOLAR WEST
KERN FRONT LIMITED
SOUTH BELBRIDGE COGEN FACILITY
KERN RIVER HYDRO UNITS 1-4 AGGREGATE
NAN
NAN
NAN
NAN
NAN
KILARC HYDRO
KINGSBURG COGEN
KINGS RIVER HYDRO UNIT 1
KELLER CANYON LANDFILL GEN FACILICITY
KINGBIRD SOLAR A
KINGBIRD SOLAR B
KINGSBURG1
KINGSBURG2
KING CITY ENERGY CENTER, UNIT 1
KENT SOUTH
NAN
NAN
NAN
NAN
KRAMER JUNCTION 8
KRAMER JUNCTION 9
NAN
KERN CANYON POWERHOUSE
KEARNY MESA STORAGE
MWD VENICE HYDROELECTRIC RECOVERY PI
NAN
NAN
NAN
LAKE HODGES PUMPED STORAGE-UNIT1
LAKE HODGES PUMPED STORAGE-UNIT2
REGULUS SOLAR
REDWOOD SOLAR FARM 4
WOODMERE SOLAR FARM
HAYWORTH SOLAR FARM
REDCREST SOLAR FARM
LOUISIANA PACIFIC SAMOA
LA PALOMA GENERATING PLANT UNIT #1
LA PALOMA GENERATING PLANT UNIT #2
LA PALOMA GENERATING PLANT UNIT #3
LA PALOMA GENERATING PLANT, UNIT #4
LARKSPUR PEAKER UNIT 1
LARKSPUR PEAKER UNIT 2

LAROA2_2_UNITA1
LASSEN_6_UNITS
LAWRNC_7_SUNYVL
LEATHERS
LEBECS_2_UNITS
LECEF_1_UNITS
LECONT_2_LESBT1
LEPRFD_1_KANSAS
LGHTHP_6_ICEGEN
LHILLS_6_SOLAR1
LILIAC_6_SOLAR
LITLRK_6_GBCSR1
LITLRK_6_SEPV01
LITLRK_6_SOLAR1
LITLRK_6_SOLAR2
LITLRK_6_SOLAR3
LITLRK_6_SOLAR4
LIVEOK_6_SOLAR
LIVOAK_1_UNIT 1
LLAGAS
LMBEPK_2_UNITA1
LMBEPK_2_UNITA2
LMBEPK_2_UNITA3
LMEC_1_PL1X3
LNCSTR_6_CREST
LNCSTR_6_SOLAR2
LOCKFD_1_BEARCK
LOCKFD_1_KSOLAR
LODI25_2_UNIT 1
LODIEC_2_PL1X2
LOTUS_6_LFSR1
LOWGAP_1_SUPHR
LOWGAP_7_QFUNTS
LTBEAR_1_LB3SR3
LTBEAR_1_LB4SR4
LTBEAR_1_LB4SR5
LTBERA_1_LB1SR1
MAGNLA_6_ANAHEIM
MAGNLA_6_CERRITOS
MAGNLA_6_COLTON
MAGNLA_6_PASADENA
MAGNOLIA_CC
MAGUND_1_BKISR1
MAGUND_1_BKSSR2
MALAGA_1_PL1X2
MALCHQ_7_UNIT 1
MALIN_5_BPADYN

LR2
HONEY LAKE POWER
CITY OF SUNNYVALE UNIT 1 AND 2
NAN
PASTORIA ENERGY FACILITY
LOS ESTEROS ENERGY FACILITY AGGREGATE
LeConte Energy Storage
KANSAS
CARSON COGENERATION
LOST HILLS SOLAR
MESA CREST
GREEN BEANWORKS C
GESTAMP SOLAR 1
LANCASTER LITTLE ROCK C
PALMDALE 18
ONE TEN PARTNERS
LITTLE ROCK PHAM SOLAR
HARRIS
LIVE OAK LIMITED
NAN
LAMBIE ENERGY CENTER, UNIT #1
CREED ENERGY CENTER, UNIT #1
GOOSE HAVEN ENERGY CENTER, UNIT #1
LOS MEDANOS ENERGY CENTER AGGREGATE
NAN
SEPV SIERRA NGR
BEAR CREEK SOLAR
KETTLEMAN SOLAR
LODI GAS TURBINE
LODI ENERGY CENTER
LOTUS SOLAR FARM
MILL & SULPHUR CREEK HYDRO
MATTHEWS DAM HYDRO
LITTLE BEAR 3 SOLAR
LITTLE BEAR 4
LITTLE BEAR 4 SOLAR 5
LITTLE BEAR SOLAR 1
MAGNOLIA POWER PLANT ANAHEIM
MAGNOLIA POWER PLANT CERRITOS
MAGNOLIA POWER PROJECT
MAGNOLIA POWER PLANT - PASADENA
MAGNOLIA
BAKERSFIELD INDUSTRIAL 1
BAKERSFIELD SOLAR 1
MALAGA POWER AGGREGATE
MALACHA HYDRO L.P.
MALIN_5_BPADYN

MALIN_5_GCPDDYN
MALIN_5_HERMDYN
MALIN_5_IBERDR
MALIN_5_INHRED
MALIN_5_INHRPG
MANTEC_1_ML1SR1
MANZNA_2_WIND
MARCPW_6_SOLAR1
MARTIN_1_SUNSET
MCARTH_6_FRIVRB
MCCALL_1_QF
MCCLELLAN_1
MCCLURE_1
MCCLURE_2
MCSWAN_6_UNITS
MDFKRL_2_PROJCT
MELROSESTORAGE1
MENBIO_6_RENEW1
MENBIO_6_UNIT
MERCED_1_SOLAR1
MERCED_1_SOLAR2
MERCFL_6_UNIT
MESAP_1_QF
MESAS_2_QF
MESQUITE_RECOVERY
METEC_2_PL1X3
MIDSUN_1_PL1X2
MIDWD_2_WIND1
MIDWD_2_WIND2
MIDWD_6_WNDLND
MIDWD_7_CORAMB
MIDWY3_2_MDSSR1
MIDWYS_2_MIDSL1
MILFORD_WIND_1_1
MILFORD_WIND_1_2
MILFORD_WIND_2
MILFRD_7_PASADENA
MIRLOM_2_CORONA
MIRLOM_2_LNDFL
MIRLOM_2_MLBSTA
MIRLOM_2_MLBSTB
MIRLOM_2_ONTARO
MIRLOM_2_RTS032
MIRLOM_2_RTS033
MIRLOM_2_TEMESC
MIRLOM_6_PEAKE
MIRLOM_7_MWDLKM

GRANT COUNTY HYDRO FACILITIES
MALIN_5_HERMDYN
IBERDROLA CENTROID SYTEM RESOURCE
CSF COLUMBIA GORGE
BIGLOW CANYON
MANTECA LAND 1
MANZANA WIND
MARICOPA WEST SOLAR PV
SUNSET RESERVOIR - NORTH BASIN
FALL RIVER MILLS PROJECT B
FISH WATER
NAN
NAN
NAN
MC SWAIN HYDRO
MIDDLE FORK AND RALSTON PSP
NAN
CALRENEW - 1(A)
NAN
MISSION SOLAR
MERCED SOLAR
MERCED FALLS POWERHOUSE
SMALL QF AGGREGATION - SAN LUIS OBISPO
NAN
NAN
METCALF ENERGY CENTER
North Midway Cogens 5A 5B
NAN
CORAM ENERGY
NAN
CELLC 7.5 MW TEHACHAPI PROJECT
MIDWAY SOUTH SOLAR FARM
MIDWAY SOLAR FARM
NAN
NAN
NAN
MILFORD I
MWD CORONA HYDROELECTRIC RECOVERY
MILLIKEN LANDFILL SOLAR
MIRA LOMA BESS A
MIRA LOMA BESS B
ONTARIO RT SOLAR
SPVP032
SPVP033
MWD TEMESCAL HYDROELECTRIC RECOVER
MIRA LOMA PEAKER
LAKE MATHEWS HYDROELECTRIC RECOVERY

MISSIX_1_QF
MKTRCK_1_UNIT 1
MLPTAS_7_QFUNTS
MM_SD_MIRAMAR2
MNDALY_6_MCGRTH
MNDOTA_1_SOLAR1
MNDOTA_1_SOLAR2
MNOCAERSSTORAGE
MOJAVE_1_SIPHON
MOJAVW_2_SOLAR
MONLTH_6_BATTERY
MONLTS_2_MONWD4
MONLTS_2_MONWD5
MONLTS_2_MONWD6
MONLTS_2_MONWD7
MONTPH_7_UNITS
MOORPK_2_ACOBT1
MOORPK_2_CALABS
MOORPK_6_QF
MORWD_6_QF
MOSSLD_1_QF
MOSSLD_2_PSP1
MOSSLD_2_PSP2
MRCHNT_2_PL1X3
MRGT_6_MEF2
MRGT_6_MMAREF
MRGT_6_TGEBT1
MRLSDS_6_SOLAR1
MSHGTS_6_MMARLF
MSOLAR_2_SOLAR1
MSOLAR_2_SOLAR2
MSOLAR_2_SOLAR3
MSQUIT_5_SERDYN
MSSION_2_QF
MSTANG_2_MTGBT1
MSTANG_2_SOLAR
MSTANG_2_SOLAR3
MSTANG_2_SOLAR4
MTHSE_G_38380_1
MTNPOS_1_UNIT
MTWIND_1_MVPWD1
MTWIND_1_UNIT 1
MTWIND_1_UNIT 2
MTWIND_1_UNIT 3
MURRAY_6_UNIT
NAPA_RECYCLING_BIOMASS_PLANT
NAROW1_2_UNIT

SMALL QF AGGREGATION - SAB FRABCUSCI
MCKITTRICK LIMITED
MLPTAS_7_QFUNTS
NAN
MCGRATH BEACH PEAKER
NORTH STAR SOLAR 1
CITIZEN SOLAR B
NAN
MOJAVE SIPHON POWER PLANT
MOJAVE WEST
TEHACHAPI STORAGE PROJECT
NAN
NAN
NAN
NAN
MONTICELLO HYDRO AGGREGATE
ACORN I BESS
CALABASAS GAS-TO-ENERGY FACILITY
MOORPARK QFS
MORWIND
SMALL QF AGGREGATION - SANTA CRUZ
MOSS LANDING POWER BLOCK 1
MOSS LANDING POWER BLOCK 2
DESERT STAR ENERGY CENTER
MIRAMAR ENERGY FACILITY II
MIRAMAR ENERGY FACILITY
TOP GUN ENERGY STORAGE
MORELOS SOLAR
MIRAMAR LANDFILL
MESQUITE SOLAR 1
MESQUITE SOLAR 2
MESQUITE SOLAR 3, LLC
MSQUIT_5_SERDYN
SMALL QF AGGREGATION - SAN DIEGO
MUSTANG 1 BESS
MUSTANG
MUSTANG 3
MUSTANG 4
NAN
MT.POSO COGENERATION CO.
Mountain View Power Project I Repower
MOUNTAIN VIEW POWER PROJECT I
MOUNTAIN VIEW POWER PROJECT II
MOUNTAIN VIEW POWER PROJECT III
GROSSMONT HOSPITAL
NAN
NARROWS PH 1 UNIT

NAROW2_2_UNIT
NAVYII_2_UNITS
NCPA_7_GP1UN1
NCPA_7_GP1UN2
NCPA_7_GP2UN3
NCPA_7_GP2UN4
NEENACH_SOLAR
NEENCH_6_SOLAR
NEWARK_1_QF
NGILAA_5_SDGDYN
NHOGAN_6_UNITS
NILAND_1
NILAND_2
NIMTG_6_NICOGN
NIMTG_6_NIQF
NORTH_BRAWLEY_01
NORTH_BRAWLEY_02
NORTH_BRAWLEY_03
NORTH_BRAWLEY_04
NORTH_BRAWLEY_05
NORTH_BRAWLEY_06
NORTH_FORK_COMMUNITY_POWER
NOVATO_6_LNDFL
NWCSTL_7_UNIT 1
NZWIND_2_WDSTR5
NZWIND_6_CALWND
NZWIND_6_WDSTR
NZWIND_6_WDSTR2
NZWIND_6_WDSTR3
NZWIND_6_WDSTR4
OAK C_1_EBMUD
OAK C_7_UNIT 1
OAK C_7_UNIT 3
OAK C_7_UNIT_2
OAK L_1_GTG1
OAKWD_6_QF
OAKWD_6_ZEPHWD
OASIS_6_CREST
OASIS_6_GBDSR4
OASIS_6_LPPSR1
OASIS_6_SOLAR1
OASIS_6_SOLAR2
OASIS_6_SOLAR3
OCI_SOLAR_LAKESIDE
OCTILO_5_WIND
OGROVE_6_PL1X2
OILFLD_7_QFUNTS

NARROWS POWERHOUSE UNIT 2
COSO POWER DEVELOPER (NAVY II) AGGREG
NCPA GEO PLANT 1 UNIT 1
NCPA GEO PLANT 1 UNIT 2
NCPA GEO PLANT 2 UNIT 3
NCPA GEO PLANT 2 UNIT 4
NAN
ALPINE SOLAR
NEWARK 1 QF
NGILAA_5_SDGDYN
NEW HOGAN PH AGGREGATE
NAN
NAN
NORTH ISLAND COGEN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
REDWOOD RENEWABLE ENERGY
NEWCASTLE HYDRO
WINDSTREAM 6111
WIND RESOURCE I
WINDSTREAM 39
WINDSTREAM 6040
WINDSTREAM 6041
WINDSTREAM 6042
MWWTP PGS 1 - ENGINES
OAKLAND STATION C GT UNIT 1
OAKLAND STATION C GT UNIT 3
OAKLAND STATION C GT UNIT 2
MWWTP PGS 2 - TURBINE
OAK CREEK
ZEPHYR PARK
NAN
GREEN BEANWORKS D
Lancaster Psomas PV
MORGAN LANCASTER I
OASIS SOLAR
SOCCER CENTER
NAN
OCOTILLO WIND ENERGY FACILITY
ORANGE GROVE ENERGY CENTER
NACIMIENTO HYDROELECTRIC PLANT

OLDRIV_6_BIOGAS
OLDRIV_6_CESDBM
OLDRIV_6_LKVB1
OLDRV1_6_SOLAR
OLINDA_2_COYCRK
OLINDA_2_LNDFL2
OLINDA_2_QF
OLINDA_7_BLKSD
OLINDA_7_LNDFIL
OLIVE_O1
OLIVE_O2
OLIVEP_1_SOLAR
OLIVEP_1_SOLAR2
OLSEN_2_UNIT
OMAR_2_UNIT 1
OMAR_2_UNIT 2
OMAR_2_UNIT 3
OMAR_2_UNIT 4
ONLLPP_6_UNITS
ORLND_6_HIGHLI
ORLND_6_SOLAR1
ORMESA_1_E
ORMESA_1_H
ORMESA_I
ORMESA_II_OEC21
ORMESA_II_OEC22
ORMOND_7_UNIT 1
ORMOND_7_UNIT 2
ORNI33__LLC
OROLOM_1_SOLAR1
OROLOM_1_SOLAR2
OROVIL_6_UNIT
ORTGA_6_ME1SL1
OSO_6_NSPIN
OTAY_6_ECVBT1
OTAY_6_ECVBT2
OTAY_6_LNDFL5
OTAY_6_LNDFL6
OTAY_6_PL1X2
OTAY_6_UNITB1
OTMESA_2_PL1X3
OXBOW_6_DRUM
OXMTN_6_LNDFIL
PACLUM_6_UNIT
PADUA_2_ONTARO
PADUA_2_SOLAR1
PADUA_6_MWSDM

BIDART OLD RIVER 1
CES DAIRY BIOGAS
LAKEVIEW DAIRY BIOGAS
OLD RIVER ONE
MWD COYOTE CREEK HYDROELECTRIC RECC
BREA POWER II
OLINDA QFS
BLACKSAND GENERATING FACILITY
NAN
NAN
NAN
WHITE RIVER SOLAR
WHITE RIVER WEST
OLSEN POWER PARTNERS
KERN RIVER COGENERATION CO. UNIT 1
KERN RIVER COGENERATION CO. UNIT 2
KERN RIVER COGENERATION CO. UNIT 3
KERN RIVER COGENERATION CO. UNIT 4
O'NEILL PUMP-GEN (AGGREGATE)
HIGH LINE CANAL HYDRO
ENERPARC CALIFORNIA 2
NAN
NAN
NAN
NAN
NAN
ORMOND BEACH GEN STA. UNIT 1
ORMOND BEACH GEN STA. UNIT 2
NAN
ORO LOMA SOLAR 1
ORO LOMA SOLAR 2
OROVILLE COGENERATION, LP
MERCED 1
OSO_6_NSPIN
EnerSmart Chula Vista 1
Chula Vista 2
NAN
NAN
CHULA VISTA ENERGY CENTER, LLC
NAN
OTAY MESA ENERGY CENTER
OXBOW HYDRO
OX MOUNTAIN LANDFILL GENERATING PLAN
HUMBOLDT REDWOOD
ONTARIO/SIERRA HYDRO PSP
KONA SOLAR - RANCHO DC #1
SAN DIMAS HYDROELECTRIC RECOVERY PLA

PADUA_6_QF
PADUA_7_SDIMAS
PAIGES_6_SOLAR
PALALT_7_COBUG
PALO_VERDE_3_LADWP
PALOMR_2_PL1X3
PANDOL_6_UNIT
PANSEA_1_PANARO
PARDEB_6_UNITS
PARQUEEOLICO
PBLOSM_2_SOLAR
PEABDY_2_LNDFIL
PEABDY_2_LNDFL1
PEARBL_2_NSPIN
PEASE_1_TBEBT1
PEORIA_1_SOLAR
PGE_BAY_BIP_DO
PGE_BAY_CBP_DA_NONRES
PGE_BAY_CBP_DA_RES
PGE_BAY_PDP_NON_RES
PGE_BAY_SMARTAC_NON_RES
PGE_BAY_SMARTAC_RES
PGE_BAY_SMARTRATE_RES
PGE_VAL_BIP_DO
PGE_VAL_CBP_DA
PGE_VAL_CBP_DA_RES
PGE_VAL_SMARTAC_NON_RES
PGE_VAL_SMARTAC_RES
PGE_VAL_SMARTRATE_RES
PHOENX_1_UNIT
PINE_TREE_SOLAR
PINE_TREE_WIND
PINFLT_7_UNITS
PIOPIC_2_CTG1
PIOPIC_2_CTG2
PIOPIC_2_CTG3
PIT1_6_FRIVRA
PIT1_7_UNIT 1
PIT1_7_UNIT 2
PIT3_7_PL1X3
PIT4_7_PL1X2
PIT5_7_PL1X2
PIT5_7_PL3X4
PIT5_7_QFUNTS
PIT6_7_UNIT 1
PIT6_7_UNIT 2
PIT7_7_UNIT 1

PADUA QFS
SAN DIMAS WASH HYDRO
PAIGE SOLAR
COOPERATIVELY OWNED BACK UP GENERAT
NAN
PALOMAR ENERGY CENTER
NAN
NAN
PARDEE POWER HOUSE
NAN
PEARBLOSSOM
G2 ENERGY HAY ROAD POWER PLANT
POTRERO HILLS ENERGY PRODUCERS
PEARBL_2__NSPIN
Tierra Buena Energy Storage
SONORA 1
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
PHOENIX PH
NAN
NAN
PINE FLAT HYDRO AGGREGATE
PIO PICO UNIT 1
PIO PICO UNIT 2
PIO PICO UNIT 3
FALL RIVER MILLS PROJECT A
PIT PH 1 UNIT 1
PIT PH 1 UNIT 2
PIT PH 3 UNITS 1, 2 & 3 AGGREGATE
PIT PH 4 UNITS 1 & 2 AGGREGATE
PIT PH 5 UNITS 1 & 2 AGGREGATE
PIT PH 5 UNITS 3 & 4 AGGREGATE
GRASSHOPPER FLAT HYDRO
PIT PH 6 UNIT 1
PIT PH 6 UNIT 2
PIT PH 7 UNIT 1

PIT7_7_UNIT 2
PIUTE_6_GNBSR1
PLACVL_1_CHILIB
PLACVL_1_RCKCRE
PLAINV_6_BSOLAR
PLAINV_6_DSOLAR
PLAINV_6_NLSR1
PLAINV_6_SOLAR3
PLAINV_6_SOLARC
PLMSSR_6_HISIER
PLSNTG_7_LNCLND
PMDLET_6_SOLAR1
PMPJCK_1_RB2SLR
PMPJCK_1_SOLAR1
PMPJCK_1_SOLAR2
PNCHEG_2_PL1X4
PNCHPP_1_PL1X2
PNCHVS_2_SOLAR
PNOCHE_1_PL1X2
PNOCHE_1_UNITA1
POCATELLO_WASTE
POEPH_7_UNIT 1
POEPH_7_UNIT 2
POINTLOMA1
POINTLOMA2
POTTER_6_UNITS
POTTER_7_VECINO
PRCTVY_1_MIGBT1
PRIMA_PLANT1
PRIMA_PLANT2
PRIMM_2_SOLAR1
PROXIMASOLAR
PROXIMASTORAGE
PSWEET_1_STCRUZ
PSWEET_7_QFUNTS
PTLOMA_6_NTCCGN
PTLOMA_6_NTCQF
PUTHCR_1_PCNSB1
PUTHCR_1_SOLAR1
PVERDE_5_SCEDYN
PWEST_1_UNIT
QUARANTINASTORAGE
RABBITBRUSHSTORAGE
RACEWAYSOLAR
RACEWAYSTORAGE
RAMON_2_SCEDYN
RANCHO_2_SMUDSYSYN

PIT PH 7 UNIT 2
GREEN BEANWORKS B
CHILI BAR HYDRO
ROCK CREEK HYDRO
WESTERN ANTELOPE BLUE SKY RANCH A
WESTERN ANTELOPE DRY RANCH
NORTH LANCASTER RANCH
SIERRA SOLAR GREENWORKS LLC
CENTRAL ANTELOPE DRY RANCH C
HIGH SIERRA COGENERATION AGGREGATE
LINCOLN LANDFILL POWER PLANT
SEPV PALMDALE EAST, LLC
RIO BRAVO SOLAR 2
PUMPJACK SOLAR I
RIO BRAVO SOLAR 1
PANOCHE ENERGY CENTER (AGGREGATED)
MIDWAY PEAKING AGGREGATE
PANOCHE VALLEY SOLAR
PANOCHE PEAKER
CALPEAK POWER PANOCHE UNIT 1
NAN
POE HYDRO UNIT 1
POE HYDRO UNIT 2
NAN
NAN
POTTER VALLEY
VECINO VINEYARDS LLC
MIGUEL BESS
NAN
NAN
SILVER STATE SOUTH
NAN
NAN
SANTA CRUZ ENERGY LLC
PSWEET_7_QFUNTS
NAN
NTC/MCRD COGENERATION
Putah Creek Solar Farm North
PUTAH CREEK SOLAR FARM
PVERDE_5_SCEDYN
PACIFIC WEST 1 WIND GENERATION
NAN
NAN
NAN
NAN
RAMON_2_SCEDYN
SMUD REGULATION MARKET

RATSKE_2_NROSR1	NORTH ROSAMOND SOLAR
RATSKE_2_RBSSB1	Rabbitbrush Solar 1
RATSKE_2_RBSSB2	Rabbitbrush Solar 2
RCKCRK_7_UNIT 1	ROCK CREEK HYDRO UNIT 1
RCKCRK_7_UNIT 2	ROCK CREEK HYDRO UNIT 2
RDWAY_1_CREST	NAN
RE_BR1_26960_1	NAN
RE_GASKELL_WEST_3	NAN
RE_GASKELL_WEST_4	NAN
RE_GASKELL_WEST_5	NAN
RECTOR_2_CREST	NAN
RECTOR_2_IVANPV	IVANHOE TULARE PV
RECTOR_2_KAWEAH	KAWEAH PH 2 & 3 PSP AGGREGATE
RECTOR_2_KAWH 1	KAWEAH PH 1 UNIT 1
RECTOR_2_QF	KAWEAH UNIT 1
RECTOR_2_TFDBM1	TWO FIETS DAIRY DIGESTER
RECTOR_7_TULARE	MM TULARE
REDBLF_6_UNIT	RED BLUFF PEAKER PLANT
REDDING_POWER_1	NAN
REDDING_POWER_2	NAN
REDDING_POWER_3	NAN
REDDING_POWER_CC	NAN
REDMAN_2_SOLAR	LANCASTER EAST AVENUE F
REDMAN_6_AVSSR1	ANTELOPE VALLEY SOLAR
REDOND_7_UNIT 5	REDONDO GEN STA. UNIT 5
REDOND_7_UNIT 6	REDONDO GEN STA. UNIT 6
REDOND_7_UNIT 8	REDONDO GEN STA. UNIT 8
REEDLY_6_SOLAR	TERZIAN
RENWD_1_QF	RENWIND RE-POWERING PROJECT
REXFORDSOLAR	NAN
REXFORDSTORAGE	NAN
RHONDO_6_PUENTE	NAN
RICHMN_1_CHVSR2	CHEVRON 8.5
RICHMN_1_SOLAR	CHEVRON 2
RICHMN_7_BAYENV	BAY ENVIRONMENTAL (NOVE POWER)
RIOBRV_6_UNIT 1	RIO BRAVO HYDRO
RIOOSO_1_QF	SMALL QF AGGREGATION - GRASS VALLEY
RIPON_1	NAN
RIPON_2	NAN
RNDMTN_2_SLSPHY1	SILVER SPRINGS
RNDSBG_1_HZASR1	HAZEL A
ROCKWOOD_1	NAN
ROCKWOOD_2	NAN
ROLLIN_6_UNIT	ROLLINS HYDRO
ROSEVILLE_1	NAN
ROSEVILLE_2	NAN
ROSMDW_2_WIND1	PACIFIC WIND - PHASE 1

ROSMND_6_SOLAR
RSMSLR_6_SOLAR1
RSMSLR_6_SOLAR2
RTEDDY_2_SC1SR3
RTEDDY_2_SEBSR3
RTEDDY_2_SEBSR4
RTEDDY_2_SOLAR1
RTEDDY_2_SOLAR2
RTEDDY_2_SPASR4
RTEDDY_2_SRXSR4
RTREE_2_WIND1
RTREE_2_WIND2
RTREE_2_WIND3
RUSCTY_2_UNITS
RVRVIEW_1_UNITA1
RVSIDE_2_RERCU3
RVSIDE_2_RERCU4
RVSIDE_6_RERCU1
RVSIDE_6_RERCU2
RVSIDE_6_SOLAR1
RVSIDE_6_SPRING
S_RITA_6_SOLAR1
SALIRV_2_UNIT
SALTON_SEA_4
SALTON_SEA_5
SALTON_SEA_UNIT_2_G1
SALTON_SEA_UNIT_2_G2
SALTON_SEA_UNIT_2_G3
SALTSP_7_UNITS
SAMPSN_6_KELCO1
SANBRN_2_EESSB2
SANBRN_2_ES1BT3
SANBRN_2_ES2SB3
SANBRN_2_ESABT1
SANBRN_2_ESBBT1
SANBRN_2_SS2SB4
SANDHILLCWND
SANDLT_2_SUNITS
SANDRINISOL
SANITR_6_UNITS
SANLOB_1_LNDFIL
SANLOB_1_OSFBM1
SANTA_BARBARA_COUNTY_PUBLIC_WORKS_DEPARTMENT
SANTFG_7_UNITS
SANTGO_2_LNDFL1
SANTGO_2_MABBT1
SANWD_1_QF

LANCASTER B
ROSAMOND ONE
ROSAMOND TWO
ROSAMOND WEST SOLAR CLEAN
ROSAMOND WEST SOLAR EAST BAY 3
ROSAMOND WEST SOLAR EAST BAY 4
ROSAMOND WEST SOLAR 1
ROSAMOND WEST SOLAR 2
ROSAMOND WEST SOLAR PALO ALTO
ROSAMOND WEST SOLAR ROSIE X
RISING TREE 1
RISING TREE 2
RISING TREE 3
RUSSELL CITY ENERGY CENTER
RIVERVIEW ENERGY CENTER (GP ANTIOCH)
RIVERSIDE ENERGY RES. CTR UNIT 3
RIVERSIDE ENERGY RES. CTR UNIT 4
RIVERSIDE ENERGY RES. CTR UNIT 1
RIVERSIDE ENERGY RES. CTR UNIT 2
TEQUESQUITE LANDFILL SOLAR PROJECT
SPRINGS GENERATION PROJECT AGGREGATI
SUN HARVEST SOLAR
SALINAS RIVER COGENERATION
NAN
NAN
NAN
NAN
NAN
SALT SPRINGS HYDRO AGGREGATE
KELCO QUALIFYING FACILITY
EdSan 1 Edwards 0
EdSan 1 Edwards 1
EdSan 2 Sanborn 3
EDSAN 1A
EDSAN 1B
EdSan 2 Sanborn 4
NAN
MOJAVE SOLAR
NAN
LACSD CARSON WATER POLLUTION AGGREG
COLD CANYON
OLD SANTA FE ROAD
NAN
GEYSERS CALISTOGA AGGREGATE
BOWERMAN POWER
MILLIKAN AVENUE BESS
SAN GORGONIO FARMS WIND FARM

SAUGUS_2_TOLAND	NAN
SAUGUS_6_MWDFTH	FOOTHILL HYDROELECTRIC RECOVERY PLAN
SAUGUS_6_PTCHGN	NAN
SAUGUS_6_QF	SAUGUS QFS
SAUGUS_7_CHIQCN	CHIQUITA CANYON LANDFILL FAC
SAUGUS_7_LOPEZ	MM LOPEZ ENERGY
SBERDO_2_PSP3	MOUNTAINVIEW GEN STA. UNIT 3
SBERDO_2_PSP4	MOUNTAINVIEW GEN STA. UNIT 4
SBERDO_2_QF	NAN
SBERDO_2_REDLND	REDLANDS RT SOLAR
SBERDO_2_RTS005	SPVP005 REDLANDS RT SOLAR
SBERDO_2_RTS007	SPVP007 REDLANDS RT SOLAR
SBERDO_2_RTS011	SPVP011
SBERDO_2_RTS013	SPVP013
SBERDO_2_RTS016	SPVP016 REDLANDS RT SOLAR
SBERDO_2_RTS048	SPVP048
SBERDO_2_SNTANA	SANTA ANA PSP
SBERDO_6_MILLCK	MILL CREEK PSP
SCACOGEN2_CC	NAN
SCACOGEN2GT	NAN
SCATTERGOOD_1	NAN
SCATTERGOOD_2	NAN
SCATTERGOOD_4	NAN
SCATTERGOOD_5	NAN
SCATTERGOOD_6	NAN
SCATTERGOOD_7	NAN
SCE_AP_I	NAN
SCE_BIP_15	NAN
SCE_BIP_30	NAN
SCE_CBP_DA	NAN
SCE_CBP_DO	NAN
SCE_SDP_COMM	NAN
SCE_SDP_RESD	NAN
SCEHOV_2_HOOVER	SCEHOV_2_HOOVER
SCHLTE_1_PL1X3	TRACY COMBINED CYCLE POWER PLANT
SCHNDR_1_FIVPTS	FIVE POINTS SOLAR STATION
SCHNDR_1_OS2BM2	OPEN SKY DIGESTER GENSET 2
SCHNDR_1_WSTSDE	WESTSIDE SOLAR STATION
SDGE_BIP	NAN
SDGE_CBP_DA	NAN
SDGE_CBP_DO	NAN
SDGE_SUMM_SAV_RESD	NAN
SDGE_SUMMER_SAVER_COM	NAN
SDGEAC_SAVER_DA_COMM	NAN
SDGEAC_SAVER_DA_RES	NAN
SDGEAC_SAVER_DO_COMM	NAN
SDGEAC_SAVER_DO_RES	NAN

SDSU_GEN	NAN
SEARLS_7_ARGUS	ARGUS COGENERATION
SEAWST_6_LAPOS	SEA WEST ENERGY - SEAWEST
SECOND_IMPERIAL01_12	NAN
SEGS_1_SR2SL2	SUNRAY 2
SENTNL_2_CTG1	SENTINEL UNIT 1
SENTNL_2_CTG2	SENTINEL UNIT 2
SENTNL_2_CTG3	SENTINEL UNIT 3
SENTNL_2_CTG4	SENTINEL UNIT 4
SENTNL_2_CTG5	SENTINEL UNIT 5
SENTNL_2_CTG6	SENTINEL UNIT 6
SENTNL_2_CTG7	SENTINEL UNIT 7
SENTNL_2_CTG8	SENTINEL UNIT 8
SEPV_BOULEVARD_2	NAN
SEVILLE_2	NAN
SGREGY_6_SANGER	ALGONQUIN POWER SANGER 2
SHANDN_2_SBBBM1	SAN BERNARDINO BIOGAS
SHEEP_CREEK_ROAD_SOLAR_GENERATION_FACILITY_PROJECT	NAN
SHELRF_1_UNITS	SHELL OIL REFINERY AGGREGATE
SHUTLE_6_CREST	NAN
SIERRA_1_UNITS	HIGH SIERRA LIMITED
SIERRASTORAGE	NAN
SIGHEB_6_MIRDYN	Heber South
SISQUC_1_SMARIA	SANTA MARIA II LFG POWER PLANT
SKERN_6_SOLAR1	SOUTH KERN SOLAR PV PLANT
SKERN_6_SOLAR2	SKIC SOLAR
SLATE_2_SLASR1	SLATE
SLATE_2_SLASR2_SUN	Slate_2
SLATE_2_SLASR2_LESR	Slate_2
SLATE_2_SLASR3_LESR	SLATE_3
SLATE_2_SLASR3_SUN	SLATE_3
SLATE_2_SLASR4	SLATE_4
SLATE_2_SLASR5_LESR	Slate 5
SLATE_2_SLASR5_SUN	Slate 5
SLRMS3_2_SRMSR1	SILVER RIDGE MOUNT SIGNAL 3
SLST13_2_SOLAR1	QUINTO SOLAR PV PROJECT
SLSTR1_2_SOLAR1	SOLAR STAR 1
SLSTR2_2_SOLAR2	SOLAR STAR 2
SLUISP_2_UNITS	SAN LUIS (GIANELLI) PUMP-GEN (AGGREGAT
SLYCRK_1_UNIT 1	SLY CREEK HYDRO
SMPRIP_1_SMPSON	RIPON COGENERATION UNIT 1
SMRCOS_6_LNDFIL	SAN MARCOS ENERGY
SMUDGO_7_UNIT 1	SONOMA POWER PLANT
SMYRNA_1_DL1SR1	DELANO LAND 1
SNCLRA_2_HOWLNG	HOUWELINGS NURSERIES OXNARD, INC
SNCLRA_2_SILBT1	SILVERSTRAND BESS
SNCLRA_2_SPRHYD	SPRINGVILLE HYDROELECTRIC GENERATOR

SNCLRA_2_UNIT
SNCLRA_2_UNIT1
SNCLRA_2_VESBT1
SNCLRA_6_OXGEN
SNCLRA_6_PROCGN
SNCLRA_6_QF
SNDBAR_7_UNIT 1
SNMALF_6_UNITS
SNORA_2_SNRSLR
SOL_GEN
SONRISASOLAR
SONRISASTORAGE
SOUTH_2_UNIT
SPA_COGEN_3_CC
SPANSH_6_FBEHY1
SPAULD_6_UNIT 3
SPAULD_6_UNIT12
SPBURN_2_UNIT 1
SPBURN_7_SNOWMT
SPI LI_2_UNIT 1
SPIAND_1_ANDSN2
SPICER_1_UNITS
SPIFBD_1_PL1X2
SPOINT_2_MEADDYN
SPOINT_2_PARKERDYN
SPQUIN_6_SRPCQU
SPRGAP_1_UNIT 1
SPRGVL_2_CREST
SPRGVL_2_EXETPV
SPRGVL_2_LINDPV
SPRGVL_2_PORTPV
SPRGVL_2_QF
SPRGVL_2_TULE
SPRGVL_2_TULESC
SPRINGBOK_1
SPRINGBOK_2
SPRINGBOK_3
SRINTL_6_UNIT
STANIS_7_UNIT 1
STANTN_2_STAGT1
STANTN_2_STAGT2
STAUFF_1_UNIT
STIGCT_2_LODI
STNRES_1_UNIT
STOILS_1_UNITS
STOREY_2_MDRCH2
STOREY_2_MDRCH3

CHANNEL ISLANDS POWER
NEW INDY OXNARD
VENTURA ENERGY STORAGE
OXGEN
PROCTER AND GAMBLE OXNARD 2
SANTA CLARA QFS
SANDBAR
SONOMA COUNTY LANDFILL
SG SORRENTO
NAN
NAN
NAN
SOUTH HYDRO
NAN
FIVE BEARS HYDROELECTRIC
SPAULDING HYDRO PH 3 UNIT
SPAULDING HYDRO PH 1 & 2 AGGREGATE
BURNEY BIOMASS
BURNEY CREEK HYDRO
LINCOLN BIOMASS
SPI ANDERSON 2
SPICER HYDRO UNITS 1-3 AGGREGATE
SIERRA PACIFIC IND. (SONORA)
SPOINT_2_MEADDYN
SOUTHPOINT ENERGY CENTER
QUINCY BIOMASS
SPRING GAP HYDRO
NAN
EXETER TULARE PV
LINDSAY TULARE PV
PORTERVILLE TULARE PV
SPRINGVILLE QFS
TULE RIVER HYDRO PLANT (PG&E)
TULE RIVER HYDRO PLANT (SCE)
NAN
NAN
NAN
SRI INTERNATIONAL
STANISLAUS HYDRO
STANTON 1
STANTON 2
NAN
LODI STIG UNIT
COVANTA STANISLAUS
CHEVRON RICHMOND REFINERY
MADERA CHOWCHILLA 2
MADERA CHOWCHILLA 3

STOREY_2_MDRCH4
STOREY_7_MDRCHW
STRAUSSWIND
STROUD_6_SOLAR
STROUD_6_WWHSR1
SUMWHT_6_SWSSR1
SUN_EDISON_VICTORVILLE_SOLAR
SUNCAT_2_A1ABT1
SUNCAT_2_A1BBT1
SUNCAT_2_A2ABT2
SUNPEAK_IID
SUNRIS_2_PL1X3
SUNSET_2_UNITS
SUNSHN_2_LNDFL
SUNSLR_1_SSVSR1
SUNSPT_2_WNASR1
SUNST2_5_SS2SR1
SUNSTR_5_SS1SCEDYN
SUTTER_2_CISO
SUTTERENERGYCC_TOTAL
SWIFT_1_NAS
SYCAMR_2_UNIT 1
SYCAMR_2_UNIT 2
SYCAMR_2_UNIT 3
SYCAMR_2_UNIT 4
TANHIL_6_SOLART
TBLMTN_6_QF
TECOLOTE_3_WBDYN
TEHAPI_2_PW1WD1
TEHAPI_2_PW2WD2
TEHAPI_2_WIND1
TEHAPI_2_WIND2
TENGEN_2_PL1X2
TERMEX_2_PL1X3
TESLA_1_QF
THERMONO1_2
THREE_MILE_CANYON
TIDWTR_2_UNITS
TIERRA_DEL_SOL__SOLAR_FARM
TIFFNY_1_DILLON
TIGRCK_7_UNITS
TITANS_2_TTSSR1
TKOPWR_6_HYDRO
TMPLTN_2_SOLAR
TOADTW_6_UNIT
TOPAZ_2_SOLAR
TORTLA_1_SOLAR

MADERA CHOWCHILLA 4
MADERA CANAL SITE 980
NAN
STROUD SOLAR STATION
WINTER WHEAT SOLAR FARM
SUMMER WHEAT SOLAR FARM
NAN
Arlington Solar Unit 1A BESS
Arlington Solar Unit 1B BESS
Arlington Solar Unit 2A BESS
NAN
SUNRISE POWER PROJECT AGGREGATE II
MIDWAY SUNSET COGENERATION PLANT
SUNSHINE GAS PRODUCERS
SUNSHINE VALLEY SOLAR 1
WINDHUB SOLAR A
SUN STREAMS SOLAR 2
SUNSTREAM SOLAR 1
SUTTER POWER PLANT PSEUDO-CISO
SUTTER POWER PLANT
YERBA BUENA BATTERY
SYCAMORE COGENERATION UNIT 1
SYCAMORE COGENERATION UNIT 2
SYCAMORE COGENERATION UNIT 3
SYCAMORE COGENERATION UNIT 4
BERRY COGEN 18
SMALL QF AGGREGATION - PARADISE
TECOLOTE WIND
POINT WIND 1
POINT WIND 2
WIND WALL MONOLITH 1
WIND WALL MONOLITH 2
BERRY COGEN 42
TDM
SMALL QF AGGREGATION - STOCKTON
NAN
NAN
MARTINEZ COGEN LIMITED PARTNERSHIP
NAN
TIFFNY_1_DILLON
TIGER CREEK HYDRO AGGREGATE
TITAN SOLAR 1 PSEUDO
BEAR CREEK HYDROELECTRIC PROJECT
VINTNER SOLAR
TOAD TOWN
TOPAZ SOLAR FARMS
LONGBOAT SOLAR

TOWNSITE_2_MEADDYN_LESR
TOWNSITE_2_MEADDYN_SUN
TRNQL8_2_AMASR1
TRNQL8_2_AZUSR1
TRNQL8_2_ROJSR1
TRNQL8_2_VERSR1
TRNQLT_2_RETBT1
TRNQLT_2_SOLAR
TRNSWD_1_QF
TULARE_2_TULBM1
TULEWD_1_TULWD1
TULLCK_7_UNITS
TUPMAN_1_BIOGAS
TVYVLY_6_KRSHY1
TWISL_6_SOLAR
TWISL_6_SOLAR1
TX_ELK_6_SOLAR1
TX-ELK_6_ECKSR2
TXMCKT_6_UNIT
UC_DAVIS_MC
UKIAH_7_LAKEMN
ULTPCH_1_UCSBT1
ULTPCH_1_UNIT 1
ULTPFR_1_UNIT 1
ULTRCK_2_UNIT
UNCHEM_1_UNIT
UNOCAL_1_UNITS
UNVRSY_1_UNIT 1
USWND2_1_WIND1
USWND2_1_WIND2
USWND2_1_WIND3
USWND4_2_UNIT2
USWNR_2_LABWD1
USWNR_2_SMUD
USWNR_2_SMUD2
USWNR_2_UNITS
USWPFK_6_FRICK
USWPJR_2_UNITS
V2_GEN
V3_GEN
VACADX_1_NAS
VACADX_1_SOLAR
VACADX_1_UNITA1
VALLEY_5_PERRIS
VALLEY_5_REDMTN
VALLEY_5_RTS044
VALLEY_5_SOLAR1

Townsite Solar BESS
Townsite Solar BESS
TRANQUILLITY 8 AMARILLO
TRANQUILLITY 8 AZUL
TRANQUILLITY 8 ROJO
TRANQUILLITY 8 VERDE
NAN
TRANQUILLITY
FPL ENERGY C WIND
TULARE BIOMAT FUEL CELL
TULE WIND
TULLOCK HYDRO
ABEC BIDART-STOCKALE #1
Kings River Syphon
NICKEL 1 ("NLH1")
CORONAL LOST HILLS
CASTOR
EAGLE CREEK
MCKITTRICK COGEN
NAN
UKIAH LAKE MENDOCINO HYDRO
Ultrapower Chinese Station BESS
PACIFIC ULTRAPOWER CHINESE STATION
RIO BRAVO FRESNO
RIO BRAVO ROCKLIN
CONTRA COSTA CARBON PLANT
TOSCO (RODEO PLANT)
BERRY COGEN 38 - UNIT 1
GOLDEN HILLS A
GOLDEN HILLS B
GOLDEN HILLS C
ALTAMONT LANDFILL GAS TO ENERGY
LABRISA WIND PROJECT
SOLANO WIND FARM
SOLANO WIND PROJECT PHASE 3
NAN
FRICK SUMMIT WIND REPOWER
VASCO WIND
NAN
NAN
VACA-DIXON BATTERY
VACA-DIXON SOLAR STATION
CALPEAK POWER VACA DIXON UNIT 1
MWD PERRIS HYDROELECTRIC RECOVERY PL
MWD RED MOUNTAIN HYDROELECTRIC REC
NAN
KONA SOLAR - MERIDIAN #1

VALLEY_5_SOLAR2
VALLEY_CC
VALLEY_UNIT_5
VALTNE_2_AVASR1
VALTNE_2_TBGBT1
VALTNE_2_TRSBT1
VAN_DER_KOOI_DAIRY_DIGESTER
VEAVST_1_SOLAR
VEDDER_1_SEKERN
VEGA_6_SOLAR1
VENWD_1_WIND1
VENWD_1_WIND2
VENWD_1_WIND3
VERNON_6_GONZL1
VERNON_6_GONZL2
VERNON_6_MALBRG
VESTAL_2_KERN
VESTAL_2_RTS042
VESTAL_2_SOLAR1
VESTAL_2_SOLAR2
VESTAL_2_TS5SR1
VESTAL_2_UNIT1
VESTAL_2_WELLHD
VESTAL_6_QF
VICTOR_1_CREST
VICTOR_1_EXSLRA
VICTOR_1_EXSLRB
VICTOR_1_LVSLR1
VICTOR_1_LVSLR2
VICTOR_1_SLRHES
VICTOR_1_SOLAR1
VICTOR_1_SOLAR2
VICTOR_1_SOLAR3
VICTOR_1_SOLAR4
VICTOR_1_VDRYFA
VICTOR_1_VDRYFB
VILLPK_2_VALLYV
VILLPK_6_MWDYOR
VINCNT_2_QF
VINCNT_2_WESTWD
VISTA_2_FCELL
VISTA_2_RIALTO
VISTA_2_RTS028
VISTA_6_QF
VISTRA_5_DALBT1
VISTRA_5_DALBT2
VISTRA_5_DALBT3

AP NORTH LAKE SOLAR
NAN
NAN
VALENTINE SOLAR
NAN
Tropico Solar
NAN
COMMUNITY SOLAR
TEXACO EXPLORATION & PROD (SE KERN RIV)
VEGA SOLAR
Windpark Unlimited 1
Windpark Unlimited 2
PAINTED HILLS
H. GONZALES UNIT #1
H. GONZALES UNIT #2
MALBURG GENERATING STATION
KERN RIVER PH 3 UNITS 1 & 2 AGGREGATE
SPVP042 PORTERVILLE SOLAR
NICOLIS
TROPICO
TULARE SOLAR 5
CALGREN-PIXLEY
WELLHEAD POWER DELANO
ISABELLA HYDRO DAM 1
NAN
EXPRESSWAY SOLAR A
EXPRESSWAY SOLAR B
LONE VALLEY SOLAR PARK 1
LONE VALLEY SOLAR PARK 2
SUNEDISON - HESPERIA
VICTOR PHELAN SOLAR ONE
ALAMO SOLAR
ADELANTO SOLAR 2
ADELANTO SOLAR
VICTOR DRY FARM RANCH A
VICTOR DRY FARM RANCH B
MWD VALLEY VIEW HYDROELECTRIC RECOV
YORBA LINDA HYDROELECTRIC RECOVERY PI
NAN
NAN
CSUSB FUEL CELL
RIALTO RT SOLAR
SPVP028
VISTA QFS
DALLAS ENERGY STORAGE
DALLAS ENERGY STORAGE 2
DALLAS ENERGY STORAGE 3

VISTRA_5_DALBT4	DALLAS ENERGY STORAGE 4
VLCNTR_6_VCEBT1	Valley Center Energy Storage
VLCNTR_6_VCEBT2	Valley Center Energy Storage B
VLCNTR_6_VCSLR	COLE GRADE
VLCNTR_6_VCSLR1	VALLEY CENTER 1
VLCNTR_6_VCSLR2	VALLEY CENTER 2
VLYHOM_7_SSJID	WOODWARD POWER PLANT
VOLTA_2_UNIT 1	VOLTA HYDRO UNIT 1
VOLTA_2_UNIT 2	VOLTA HYDRO UNIT 2
VOLTA_6_BAILCK	BAILEY CREEK RANCH
VOLTA_6_DIGHYD	DIGGER CREEK RANCH HYDRO
VOLTA_7_PONHY1	VOLTA_7_PONHY1
VOLTA_7_QFUNTS	VOLTA_7_QFUNTS
VOYAGR_2_VOAWD5	VOYAGER WIND OASIS ALTA
VOYAGR_2_VOYWD1	VOYAGER 1
VOYAGR_2_VOYWD2	VOYAGER WIND 2
VOYAGR_2_VOYWD3	VOYAGER WIND 3
VOYAGR_2_VOYWD4	VOYAGER WIND 4
VSTAES_6_VESBT1	VISTA ENERGY STORAGE
VULCAN_1	NAN
VULCAN_2	NAN
VULCAN_EXPANDER	NAN
WADHAM_6_UNIT	WADHAM ENERGY LP
WALCRK_2_CTG1	WALNUT CREEK ENERGY PARK UNIT 1
WALCRK_2_CTG2	WALNUT CREEK ENERGY PARK UNIT 2
WALCRK_2_CTG3	WALNUT CREEK ENERGY PARK UNIT 3
WALCRK_2_CTG4	WALNUT CREEK ENERGY PARK UNIT 4
WALCRK_2_CTG5	WALNUT CREEK ENERGY PARK UNIT 5
WALNUT_2_SOLAR	INDUSTRY METROLINK PV 1
WALNUT_6_HILLGEN	PUENTE HILLS
WALNUT_7_WCOVCT	NAN
WALNUT_7_WCOVST	MM WEST COVINA - ST UNIT
WARNE_2_UNIT	WARNE HYDRO AGGREGATE
WAUKNA_1_SOLAR	CORCORAN SOLAR
WAUKNA_1_SOLAR2	CORCORAN 2
WDLEAF_7_UNIT 1	WOODLEAF HYDRO
WEBER_6_FORWRD	FORWARD
WESTLANDSSOLAR	NAN
WESTPT_2_UNIT	WEST POINT HYDRO PLANT
WFRESN_1_SOLAR	JOYA DEL SOL
WHEATL_6_LNDFIL	G2 ENERGY, OSTROM ROAD LLC
WHITEH_2_MEADDYN1	WHITE HILLS A
WHITEH_2_MEADDYN2	WHITE HILLS B
WHITNY_6_SOLAR	WHITNEY POINT SOLAR
WHTWTR_1_WINDA1	WHITewater HILL WIND PROJECT
WILLMS_6_ARBBM1	Abel Road Bioenergy
WILSONASOLAR	NAN

WISE_1_UNIT 1	WISE HYDRO UNIT 1
WISE_1_UNIT 2	WISE HYDRO UNIT 2
WISHON_6_UNITS	WISHON/SAN JOAQUIN #1-A AGGREGATE
WISTER_2_WISSR1	Wister Solar
WISTRA_2_WRSSR1	WISTARIA RANCH SOLAR
WLDWD_1_SOLAR1	WILDWOOD SOLAR I
WLDWD_1_SOLAR2	WILDWOOD SOLAR 2
WNDMAS_2_UNIT 1	BUENA VISTA ENERGY, LLC
WNDSTR_2_WIND	WINDSTAR
WOLFSK_1_UNITA1	WOLFSKILL ENERGY CENTER
WOODLAND_1	NAN
WOODLAND_3A	NAN
WOODLAND_3B	NAN
WOODLAND_3C	NAN
WOODLAND_3D	NAN
WOODLAND_3E	NAN
WOODLAND_3F	NAN
WOODLAND_CC	NAN
WOODWR_1_HYDRO	QUINTEN LUALLEN
WRGHTP_7_AMENGY	SMALL QF AGGREGATION - LOS BANOS
WRGTSR_2_WSFSR1	WRIGHT SOLAR FREEMAN
WRIGHTFREEMANSTORAGE	NAN
WSENGY_1_UNIT 1	WHEELABRATOR SHASTA
WSNR_2_CVPDYN	CENTRAL VALLEY 1
WSNR_2_TESLADYN	CENTRAL VALLEY TESLA
WSNR_5_TRCYDYN	CENTRAL VALLEY TRACY
WSTWND_2_M89WD1_LESR	Mojave 89
WSTWND_2_M89WD1_WIND	Mojave 89
WSTWND_2_M90BT1	MOJAVE 90 BESS 1A
WSTWND_2_M90WD2	MOJAVE 90
WSTWND_2_SBSBT1	Sagebrush Solar 2
YUBACT_1_SUNSWT	YUBA CITY COGEN
YUBACT_6_UNITA1	YUBA CITY ENERGY CENTER (CALPINE)
YUCCA_GT21	NAN
YUCCA_ST1	NAN
ZOND_6_UNIT	ZOND WINDSYSTEMS INC.
_BRANCH_GENERIC_AMARGO_ITC	AMARGOSA230
_BRANCH_GENERIC_BLYTHE_ITC	BLYTHE161
_BRANCH_GENERIC_CASCADE_ITC	CRAG
_BRANCH_GENERIC_CFE_ITC	CFETIJ & CFEROA
_BRANCH_GENERIC_COTPISO_ITC	TRCYCOTPISO
_BRANCH_GENERIC_CTW230_ITC	CTW230
_BRANCH_GENERIC_ELDORADO_ITC	WILLOWBEACH
_BRANCH_GENERIC_GONDIPPDC_ITC	GONIPP
_BRANCH_GENERIC_IID-SCE_ITC	MIR2
_BRANCH_GENERIC_IID-SDGE_ITC	IVLY2
_BRANCH_GENERIC_IPPDCADLN_ITC	IPP & IPPUTAH

_BRANCH_GENERIC_LAUGHLIN_ITC	MOHAVE500
_BRANCH_GENERIC_LLNL_ITC	LLL115
_BRANCH_GENERIC_MALIN500_ISL	MALIN500
_BRANCH_GENERIC_MARBLE_ITC	MARBLE60
_BRANCH_GENERIC_MCCLMKTPC_ITC	MCCULLOUGH500
_BRANCH_GENERIC_MCCULLGH_ITC	ELDORADO500
_BRANCH_GENERIC_MEADMKTPC_ITC	MEAD5MSCHD
_BRANCH_GENERIC_MEADTMEAD_ITC	MEAD2MSCHD
_BRANCH_GENERIC_MEAD_ITC	MEAD230
_BRANCH_GENERIC_MERCHANT_ITC	ELDORADO230
_BRANCH_GENERIC_MERCURY_ITC	MERCURY138
_BRANCH_GENERIC_MKTPCADLN_ITC	MARKETPLACE
_BRANCH_GENERIC_MONAIPPDC_ITC	MDWP
_BRANCH_GENERIC_NEWMELONP_ITC	NML230
_BRANCH_GENERIC_NOB_ITC	NOB
_BRANCH_GENERIC_NORTHGILA500_ITC	NORTHGILA500
_BRANCH_GENERIC_NWEST230_ITC	NWEST
_BRANCH_GENERIC_OAKDALE_ITC	OAKDALE
_BRANCH_GENERIC_PALOVRDE_ITC	PVWEST
_BRANCH_GENERIC_PARKER_ITC	PARKER230
_BRANCH_GENERIC_RDM230_ITC	RDM230
_BRANCH_GENERIC_RNCHLAKE_ITC	LAKE & RANCHOSECO
_BRANCH_GENERIC_SILVERPK_ITC	SILVERPEAK55
_BRANCH_GENERIC_STANDIFORD_ITC	STANDIFORD
_BRANCH_GENERIC_SUMMIT_ITC	SUMMIT120
_BRANCH_GENERIC_SYLMAR-AC_ITC	SYLMAR
_BRANCH_GENERIC_TRACY230_ITC	TESLA230
_BRANCH_GENERIC_TRACY500_ITC	TRCYPGAE & TRCYCOTP
_BRANCH_GENERIC_TRCYTEA_ITC	TRCYTEA
_BRANCH_GENERIC_VICTVL_ITC	LUGO
_BRANCH_GENERIC_WESTLYLBNS_ITC	WESTLYQNT0
_BRANCH_GENERIC_WESTLYTSLA_ITC	WESTLYTSLA
_BRANCH_GENERIC_WSTWGMEAD_ITC	WESTWING500
_CREZ_GENERIC_ARIZONA_SOLAR	NAN
_CREZ_GENERIC_ARIZONA_WIND	NAN
_CREZ_GENERIC_BAJA_CALIFORNIA_SOLAR	NAN
_CREZ_GENERIC_BAJA_CALIFORNIA_WIND	NAN
_CREZ_GENERIC_CAPE_MENDOCINO_OFFSHORE_WIND	NAN
_CREZ_GENERIC_CARRIZO_SOLAR	NAN
_CREZ_GENERIC_CARRIZO_WIND	NAN
_CREZ_GENERIC_CENTRAL_VALLEY_NORTH_LOS_BANOS_SOLAR	NAN
_CREZ_GENERIC_CENTRAL_VALLEY_NORTH_LOS_BANOS_WIND	NAN
_CREZ_GENERIC_DEL_NORTE_OFFSHORE_WIND	NAN
_CREZ_GENERIC_DIABLO_CANYON_EXT_TX_OFFSHORE_WIND	NAN
_CREZ_GENERIC_DIABLO_CANYON_OFFSHORE_WIND	NAN
_CREZ_GENERIC_DISTRIBUTED_SOLAR	NAN
_CREZ_GENERIC_DISTRIBUTED_WIND	NAN

_CREZ_GENERIC_GREATER_IMPERIAL_GEOTHERMAL	NAN
_CREZ_GENERIC_GREATER_IMPERIAL_SOLAR	NAN
_CREZ_GENERIC_GREATER_IMPERIAL_WIND	NAN
_CREZ_GENERIC_GREATER_KRAMER_SOLAR	NAN
_CREZ_GENERIC_GREATER_KRAMER_WIND	NAN
_CREZ_GENERIC_HUMBOLDT_BAY_OFFSHORE_WIND	NAN
_CREZ_GENERIC_HUMBOLDT_WIND	NAN
_CREZ_GENERIC_IDAHO_WIND	NAN
_CREZ_GENERIC_INSTATE_BIOMASS	NAN
_CREZ_GENERIC_INYOKERN_NORTH_KRAMER_GEOTHERMAL	NAN
_CREZ_GENERIC_INYOKERN_NORTH_KRAMER_SOLAR	NAN
_CREZ_GENERIC_KERN_GREATER_CARRIZO_SOLAR	NAN
_CREZ_GENERIC_KERN_GREATER_CARRIZO_WIND	NAN
_CREZ_GENERIC_KRAMER_INYOKERN_EX_SOLAR	NAN
_CREZ_GENERIC_KRAMER_INYOKERN_EX_WIND	NAN
_CREZ_GENERIC_MORRO_BAY_OFFSHORE_WIND	NAN
_CREZ_GENERIC_MOUNTAIN_PASS_EL_DORADO_SOLAR	NAN
_CREZ_GENERIC_NEW_MEXICO_SOLAR	NAN
_CREZ_GENERIC_NEW_MEXICO_WIND	NAN
_CREZ_GENERIC_NORTHERN_CALIFORNIA_EX_GEOTHERMAL	NAN
_CREZ_GENERIC_NORTHERN_CALIFORNIA_EX_SOLAR	NAN
_CREZ_GENERIC_NORTHERN_CALIFORNIA_EX_WIND	NAN
_CREZ_GENERIC_NORTH_VICTOR_SOLAR	NAN
_CREZ_GENERIC_NW_BIOMASS	NAN
_CREZ_GENERIC_NW_EXT_TX_WIND	NAN
_CREZ_GENERIC_NW_SMALL_HYDRO	NAN
_CREZ_GENERIC_PACIFIC_NORTHWEST_GEOTHERMAL	NAN
_CREZ_GENERIC_PACIFIC_NORTHWEST_WIND	NAN
_CREZ_GENERIC_RIVERSIDE_PALM_SPRINGS_GEOTHERMAL	NAN
_CREZ_GENERIC_RIVERSIDE_PALM_SPRINGS_SOLAR	NAN
_CREZ_GENERIC_SACRAMENTO_RIVER_SOLAR	NAN
_CREZ_GENERIC_SACRAMENTO_RIVER_WIND	NAN
_CREZ_GENERIC_SCADSNV_SOLAR	NAN
_CREZ_GENERIC_SCADSNV_WIND	NAN
_CREZ_GENERIC_SOLANO_GEOTHERMAL	NAN
_CREZ_GENERIC_SOLANO_SOLAR	NAN
_CREZ_GENERIC_SOLANO_SUBZONE_SOLAR	NAN
_CREZ_GENERIC_SOLANO_SUBZONE_WIND	NAN
_CREZ_GENERIC_SOLANO_WIND	NAN
_CREZ_GENERIC_SOUTHERN_CALIFORNIA_DESERT_EX_SOLAR	NAN
_CREZ_GENERIC_SOUTHERN_CALIFORNIA_DESERT_EX_WIND	NAN
_CREZ_GENERIC_SOUTHERN_CA_DESERT_SOUTHERN_NV_SOLAR	NAN
_CREZ_GENERIC_SOUTHERN_CA_DESERT_SOUTHERN_NV_WIND	NAN
_CREZ_GENERIC_SOUTHERN_NEVADA_GEOTHERMAL	NAN
_CREZ_GENERIC_SOUTHERN_NEVADA_SOLAR	NAN
_CREZ_GENERIC_SOUTHERN_NEVADA_WIND	NAN
_CREZ_GENERIC_SW_BIOMASS	NAN

_CREZ_GENERIC_SW_EXT_TX_WIND	NAN
_CREZ_GENERIC_TEHACHAPI_EX_SOLAR	NAN
_CREZ_GENERIC_TEHACHAPI_SOLAR	NAN
_CREZ_GENERIC_TEHACHAPI_WIND	NAN
_CREZ_GENERIC_UTAH_SOLAR	NAN
_CREZ_GENERIC_UTAH_WIND	NAN
_CREZ_GENERIC_WESTLANDS_EX_SOLAR	NAN
_CREZ_GENERIC_WESTLANDS_EX_WIND	NAN
_CREZ_GENERIC_WESTLANDS_SOLAR	NAN
_CREZ_GENERIC_WYOMING_WIND	NAN
_CREZ_UNBUNDLEDREC_ARIZONA_SOLAR	NAN
_CREZ_UNBUNDLEDREC_ARIZONA_WIND	NAN
_CREZ_UNBUNDLEDREC_BAJA_CALIFORNIA_SOLAR	NAN
_CREZ_UNBUNDLEDREC_BAJA_CALIFORNIA_WIND	NAN
_CREZ_UNBUNDLEDREC_CAPE_MENDOCINO_OFFSHORE_WIND	NAN
_CREZ_UNBUNDLEDREC_CARRIZO_SOLAR	NAN
_CREZ_UNBUNDLEDREC_CARRIZO_WIND	NAN
_CREZ_UNBUNDLEDREC_CENTRAL_VALLEY_NORTH_LOS_BANOS	NAN
_CREZ_UNBUNDLEDREC_CENTRAL_VALLEY_NORTH_LOS_BANOS	NAN
_CREZ_UNBUNDLEDREC_DEL_NORTE_OFFSHORE_WIND	NAN
_CREZ_UNBUNDLEDREC_DIABLO_CANYON_EXT_TX_OFFSHORE	NAN
_CREZ_UNBUNDLEDREC_DIABLO_CANYON_OFFSHORE_WIND	NAN
_CREZ_UNBUNDLEDREC_DISTRIBUTED_SOLAR	NAN
_CREZ_UNBUNDLEDREC_DISTRIBUTED_WIND	NAN
_CREZ_UNBUNDLEDREC_GREATER_IMPERIAL_GEOTHERMAL	NAN
_CREZ_UNBUNDLEDREC_GREATER_IMPERIAL_SOLAR	NAN
_CREZ_UNBUNDLEDREC_GREATER_IMPERIAL_WIND	NAN
_CREZ_UNBUNDLEDREC_GREATER_KRAMER_SOLAR	NAN
_CREZ_UNBUNDLEDREC_GREATER_KRAMER_WIND	NAN
_CREZ_UNBUNDLEDREC_HUMBOLDT_BAY_OFFSHORE_WIND	NAN
_CREZ_UNBUNDLEDREC_HUMBOLDT_WIND	NAN
_CREZ_UNBUNDLEDREC_IDAHO_WIND	NAN
_CREZ_UNBUNDLEDREC_INSTATE_BIOMASS	NAN
_CREZ_UNBUNDLEDREC_INYOKERN_NORTH_KRAMER_GEOTHER	NAN
_CREZ_UNBUNDLEDREC_INYOKERN_NORTH_KRAMER_SOLAR	NAN
_CREZ_UNBUNDLEDREC_KERN_GREATER_CARRIZO_SOLAR	NAN
_CREZ_UNBUNDLEDREC_KERN_GREATER_CARRIZO_WIND	NAN
_CREZ_UNBUNDLEDREC_KRAMER_INYOKERN_EX_SOLAR	NAN
_CREZ_UNBUNDLEDREC_KRAMER_INYOKERN_EX_WIND	NAN
_CREZ_UNBUNDLEDREC_MORRO_BAY_OFFSHORE_WIND	NAN
_CREZ_UNBUNDLEDREC_MOUNTAIN_PASS_EL_DORADO_SOLAR	NAN
_CREZ_UNBUNDLEDREC_NEW_MEXICO_SOLAR	NAN
_CREZ_UNBUNDLEDREC_NEW_MEXICO_WIND	NAN
_CREZ_UNBUNDLEDREC_NORTHERN_CALIFORNIA_EX_GEOTHERI	NAN
_CREZ_UNBUNDLEDREC_NORTHERN_CALIFORNIA_EX_SOLAR	NAN
_CREZ_UNBUNDLEDREC_NORTHERN_CALIFORNIA_EX_WIND	NAN
_CREZ_UNBUNDLEDREC_NORTH_VICTOR_SOLAR	NAN

_CREZ_UNBUNDLEDREC_NW_BIOMASS	NAN
_CREZ_UNBUNDLEDREC_NW_EXT_TX_WIND	NAN
_CREZ_UNBUNDLEDREC_NW_SMALL_HYDRO	NAN
_CREZ_UNBUNDLEDREC_PACIFIC_NORTHWEST_GEOTHERMAL	NAN
_CREZ_UNBUNDLEDREC_PACIFIC_NORTHWEST_WIND	NAN
_CREZ_UNBUNDLEDREC_RIVERSIDE_PALM_SPRINGS_GEOTHERM	NAN
_CREZ_UNBUNDLEDREC_RIVERSIDE_PALM_SPRINGS_SOLAR	NAN
_CREZ_UNBUNDLEDREC_SACRAMENTO_RIVER_SOLAR	NAN
_CREZ_UNBUNDLEDREC_SACRAMENTO_RIVER_WIND	NAN
_CREZ_UNBUNDLEDREC_SCADSNV_SOLAR	NAN
_CREZ_UNBUNDLEDREC_SCADSNV_WIND	NAN
_CREZ_UNBUNDLEDREC_SOLANO_GEOTHERMAL	NAN
_CREZ_UNBUNDLEDREC_SOLANO_SOLAR	NAN
_CREZ_UNBUNDLEDREC_SOLANO_SUBZONE_SOLAR	NAN
_CREZ_UNBUNDLEDREC_SOLANO_SUBZONE_WIND	NAN
_CREZ_UNBUNDLEDREC_SOLANO_WIND	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_CALIFORNIA_DESERT_EX_S	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_CALIFORNIA_DESERT_EX_W	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_CA_DESERT_SOUTHERN_N	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_CA_DESERT_SOUTHERN_N	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_NEVADA_GEOTHERMAL	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_NEVADA_SOLAR	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_NEVADA_WIND	NAN
_CREZ_UNBUNDLEDREC_SW_BIOMASS	NAN
_CREZ_UNBUNDLEDREC_SW_EXT_TX_WIND	NAN
_CREZ_UNBUNDLEDREC_TEHACHAPI_EX_SOLAR	NAN
_CREZ_UNBUNDLEDREC_TEHACHAPI_SOLAR	NAN
_CREZ_UNBUNDLEDREC_TEHACHAPI_WIND	NAN
_CREZ_UNBUNDLEDREC_UTAH_SOLAR	NAN
_CREZ_UNBUNDLEDREC_UTAH_WIND	NAN
_CREZ_UNBUNDLEDREC_WESTLANDS_EX_SOLAR	NAN
_CREZ_UNBUNDLEDREC_WESTLANDS_EX_WIND	NAN
_CREZ_UNBUNDLEDREC_WESTLANDS_SOLAR	NAN
_CREZ_UNBUNDLEDREC_WYOMING_WIND	NAN
_EXISTING_GENERIC_BATTERY_STORAGE	NAN
_EXISTING_GENERIC_BIOGAS_LANDFILLGAS	NAN
_EXISTING_GENERIC_BIOMASS/WOOD	NAN
_EXISTING_GENERIC_COAL	NAN
_EXISTING_GENERIC_COGEN	NAN
_EXISTING_GENERIC_COMBINED_CYCLE	NAN
_EXISTING_GENERIC_DR	NAN
_EXISTING_GENERIC_GEOTHERMAL	NAN
_EXISTING_GENERIC_ICE	NAN
_EXISTING_GENERIC_INSTATE_LARGE_HYDRO	NAN
_EXISTING_GENERIC_INSTATE_SMALL_HYDRO	NAN
_EXISTING_GENERIC_NUCLEAR	NAN
_EXISTING_GENERIC_NW_HYDRO	NAN

_EXISTING_GENERIC_PEAKE	NAN
_EXISTING_GENERIC_PUMPED_STORAGE_HYDRO	NAN
_EXISTING_GENERIC_SOLAR_1AXIS	NAN
_EXISTING_GENERIC_SOLAR_2AXIS	NAN
_EXISTING_GENERIC_SOLAR_FIXED	NAN
_EXISTING_GENERIC_SOLAR_THERMAL	NAN
_EXISTING_GENERIC_STEAM	NAN
_EXISTING_GENERIC_UNKNOWN	NAN
_EXISTING_GENERIC_WIND	NAN
_NEW_BT	NAN
_NEW_BT	NAN
_NEW_BT_RESOURCE	NAN
_NEW_DG	NAN
_NEW_EV	NAN
_NEW_GENERIC_BATTERY_STORAGE	NAN
_NEW_GENERIC_BIOGAS_LANDFILLGAS	NAN
_NEW_GENERIC_BIOMASS/WOOD	NAN
_NEW_GENERIC_COAL	NAN
_NEW_GENERIC_COGEN	NAN
_NEW_GENERIC_COMBINED_CYCLE	NAN
_NEW_GENERIC_DR	NAN
_NEW_GENERIC_GEOTHERMAL	NAN
_NEW_GENERIC_ICE	NAN
_NEW_GENERIC_INSTATE_LARGE_HYDRO	NAN
_NEW_GENERIC_INSTATE_SMALL_HYDRO	NAN
_NEW_GENERIC_NUCLEAR	NAN
_NEW_GENERIC_NW_HYDRO	NAN
_NEW_GENERIC_PEAKE	NAN
_NEW_GENERIC_PUMPED_STORAGE_HYDRO	NAN
_NEW_GENERIC_SOLAR_1AXIS	NAN
_NEW_GENERIC_SOLAR_2AXIS	NAN
_NEW_GENERIC_SOLAR_FIXED	NAN
_NEW_GENERIC_SOLAR_THERMAL	NAN
_NEW_GENERIC_STEAM	NAN
_NEW_GENERIC_UNKNOWN	NAN
_NEW_GENERIC_WIND	NAN
_NEW_TOU	NAN
_SUPPLIERS_CHOICE	NAN
_UNSPECIFIED_NON_IMPORT	NAN

MAXGEN	resolve_final_group	BAA_ID	supertype
	20 caiso_solar	CISO	physical
	20 caiso_solar	CISO	physical
	10 ldwp_solar	LADWP	physical
	20 caiso_solar	CISO	physical
	22 caiso_geothermal	CISO	physical
	19 caiso_solar	CISO	physical
	20 caiso_solar	CISO	physical
	40 caiso_hydro	WALC	specifiedimport
22.69	caiso_peaker1	CISO	physical
49.9	caiso_ccgt2	CISO	physical
290	caiso_solar	CISO	physical
123	caiso_solar	CISO	physical
674.7	caiso_ccgt1	CISO	physical
100.45	caiso_li_battery	CISO	physical
326.76	caiso_st	CISO	physical
334.43	caiso_st	CISO	physical
	480 caiso_st	CISO	physical
	17 caiso_hydro	CISO	physical
	50 iid_solar	IID	specifiedimport
0.52	caiso_small_hydro	CISO	physical
	50 caiso_li_battery	CISO	physical
	125 caiso_solar	CISO	physical
	100 caiso_solar	CISO	physical
	100 caiso_solar	CISO	physical
	132 caiso_solar	CISO	physical
	25 caiso_peaker2	CISO	physical
	25 caiso_peaker2	CISO	physical
	20 caiso_solar	CISO	physical
	50 caiso_solar	CISO	physical
164.31	caiso_wind	CISO	physical
	132 caiso_wind	CISO	physical
	102 caiso_wind	CISO	physical
	168 caiso_wind	CISO	physical
	150 caiso_wind	CISO	physical
	150 caiso_wind	CISO	physical
	150 caiso_wind	CISO	physical
	150 caiso_wind	CISO	physical
	150 caiso_wind	CISO	physical
88.15	caiso_wind	CISO	physical
134.84	caiso_wind	CISO	physical
	40 caiso_li_battery	CISO	physical
28.84	caiso_wind	CISO	physical
	9.8 caiso_wind	CISO	physical
	50.4 caiso_wind	CISO	physical
	49.4 caiso_peaker1	CISO	physical
	49.4 caiso_peaker1	CISO	physical

49.4 caiso_peaker1	CISO	physical
49.4 caiso_peaker1	CISO	physical
40.64 caiso_peaker1	CISO	physical
4 caiso_wind	CISO	physical
20 iid_solar	IID	specifiedimport
538.7 ldwp_ccgt	LADWP	physical
2.68 caiso_hydro	CISO	physical
1 caiso_small_hydro	CISO	physical
250 caiso_solar	CISO	physical
150 caiso_solar	CISO	physical
50 caiso_li_battery	CISO	physical
19.95 caiso_wind	CISO	physical
416.6 caiso_chp	CISO	physical
50 iid_solar	IID	specifiedimport
565 SW_CCGT	AZPS	specifiedimport
100 caiso_solar	CISO	physical
131 caiso_solar	CISO	physical
127 caiso_solar	SRP	specifiedimport
12 caiso_solar	CISO	physical
8 caiso_solar	CISO	physical
100 caiso_solar	CISO	physical
75 caiso_solar	CISO	physical
250 caiso_solar	CISO	physical
200 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
6 caiso_solar	CISO	physical
7.9 caiso_solar	CISO	physical
7.9 caiso_solar	CISO	physical
19 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
241.5 caiso_solar	CISO	physical
60 caiso_solar	CISO	physical
38 caiso_li_battery	CISO	physical
5 caiso_solar	CISO	physical
31 caiso_hydro	CISO	physical
52.5 caiso_hydro	CISO	physical
54.6 caiso_hydro	CISO	physical
1 caiso_small_hydro	CISO	physical
270 caiso_pumped_hydro	CISO	physical
0.2 caiso_small_hydro	CISO	physical
47 caiso_peaker1	CISO	physical
120 caiso_chp	CISO	physical
428 caiso_hydro	BPAT	specifiedimport
48.08 caiso_peaker1	CISO	physical
125 ldwp_solar	LADWP	physical
11.5 caiso_hydro	CISO	physical

49.21 caiso_peaker2	CISO	physical
167 caiso_wind	AZPS	specifiedimport
130 caiso_wind	AZPS	specifiedimport
119 caiso_hydro	CISO	physical
1.6 caiso_solar	CISO	physical
105 caiso_solar	CISO	physical
100 caiso_solar	CISO	physical
17 caiso_solar	CISO	physical
15 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
40 caiso_li_battery	CISO	physical
820 caiso_hydro	CISO	physical
0.3 caiso_hydro	CISO	physical
1.25 caiso_small_hydro	CISO	physical
127 caiso_li_battery	CISO	physical
100 caiso_li_battery	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
40 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
85 caiso_solar	CISO	physical
50 caiso_solar	CISO	physical
0.75 caiso_biomass	CISO	physical
0.75 caiso_biomass	CISO	physical
25.5 caiso_biomass	CISO	physical
14.4 caiso_biomass	CISO	physical
13.4 caiso_small_hydro	CISO	physical
15.8 caiso_small_hydro	CISO	physical
1.38 caiso_solar	CISO	physical
85 caiso_hydro	CISO	physical
84.1 caiso_hydro	CISO	physical
15 caiso_li_battery	CISO	physical
49 caiso_wind	CISO	physical
6.2 caiso_small_hydro	CISO	physical
12 caiso_solar	CISO	physical
230 caiso_li_battery	CISO	physical
250 caiso_solar	CISO	physical
200 caiso_li_battery	CISO	physical
60 caiso_li_battery	CISO	physical
72 caiso_geothermal	CISO	physical
3 caiso_biomass	CISO	physical
12 caiso_biomass	CISO	physical

21 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
63 caiso_li_battery	CISO	physical
1 caiso_small_hydro	CISO	physical
47.6 caiso_peaker1	CISO	physical
51.25 caiso_peaker2	CISO	physical
3.6 caiso_small_hydro	CISO	physical
1.49 caiso_small_hydro	CISO	physical
162 caiso_wind	CISO	physical
78.2 caiso_wind	CISO	physical
36.8 caiso_wind	CISO	physical
150 caiso_wind	CISO	physical
150 caiso_wind	CISO	physical
102.5 caiso_wind	CISO	physical
100 caiso_wind	CISO	physical
6.3 caiso_solar	CISO	physical
26 caiso_solar	CISO	physical
102 caiso_wind	CISO	physical
493.63 caiso_ccgt2	CISO	physical
0.99 caiso_small_hydro	CISO	physical
1.3 caiso_small_hydro	CISO	physical
57.25 caiso_hydro	CISO	physical
2.4 caiso_solar	CISO	physical
16.5 caiso_wind	CISO	physical
1.32 caiso_wind	CISO	physical
29 caiso_biomass	CISO	physical
39.5 caiso_hydro	CISO	physical
50 caiso_solar	CISO	physical
100 caiso_solar	CISO	physical
41 caiso_wind	CISO	physical
60 caiso_li_battery	CISO	physical
130 caiso_solar	CISO	physical
150 caiso_solar	CISO	physical
80 caiso_geothermal	CISO	physical
28.56 caiso_ccgt1	CISO	physical
19.9 iid_solar	IID	specifiedimport
9.99 caiso_hydro	CISO	physical
0.55 caiso_biomass	CISO	physical
2.4 caiso_solar	CISO	physical
45 caiso_solar	CISO	physical
15 caiso_solar	CISO	physical
8 caiso_small_hydro	CISO	physical
20 caiso_solar	CISO	physical
19.55 caiso_wind	CISO	physical
49 caiso_hydro	CISO	physical
120 caiso_hydro	CISO	physical
24 caiso_hydro	CISO	physical

1.1 caiso_biomass	CISO	physical
1.1 caiso_biomass	CISO	physical
422 caiso_peaker1	CISO	physical
105.5 caiso_peaker1	CISO	physical
62.7 banc_ccgt	BANC	physical
42 banc_peaker	BANC	physical
40 caiso_geothermal	CISO	physical
25 caiso_li_battery	CISO	physical
240 ldwp_pumped_hydro	LADWP	physical
250 ldwp_pumped_hydro	LADWP	physical
240 ldwp_pumped_hydro	LADWP	physical
240 ldwp_pumped_hydro	LADWP	physical
240 ldwp_pumped_hydro	LADWP	physical
250 ldwp_pumped_hydro	LADWP	physical
1.4 caiso_biomass	CISO	physical
110 caiso_solar	CISO	physical
18 caiso_solar	CISO	physical
40 caiso_solar	CISO	physical
210 caiso_solar	CISO	physical
4.3 caiso_biomass	CISO	physical
415.3 caiso_pumped_hydro	CISO	physical
0.98 caiso_small_hydro	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
15 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
40 caiso_solar	CISO	physical
1.91 caiso_hydro	CISO	physical
0.9 caiso_solar	CISO	physical
0.99 caiso_chp	CISO	physical
47.11 caiso_peaker1	CISO	physical
41.4 caiso_peaker1	CISO	physical
64.9 caiso_solar	CISO	physical
25 caiso_li_battery	CISO	physical
48.67 caiso_peaker2	CISO	physical
19.87 caiso_chp	CISO	physical
11.5 caiso_chp	CISO	physical
16.5 caiso_chp	CISO	physical
8.5 caiso_chp	CISO	physical
24.3 caiso_chp	CISO	physical
124.87 caiso_chp	CISO	physical
42 caiso_hydro	CISO	physical
1.5 caiso_biomass	CISO	physical
2.25 caiso_biomass	CISO	physical
20 caiso_li_battery	CISO	physical
1.5 caiso_solar	CISO	physical
0.19 caiso_biomass	CISO	physical

1.5 caiso_solar	CISO	physical
1 caiso_solar	CISO	physical
1.49 caiso_solar	CISO	physical
26 caiso_chp	CISO	physical
44 caiso_peaker2	CISO	physical
1.9 caiso_biomass	CISO	physical
10.8 caiso_biomass	CISO	physical
48.6 caiso_reciprocating_engine	CISO	physical
129.94 caiso_wind	PNM	specifiedimport
194.28 caiso_wind	PNM	specifiedimport
1.5 caiso_solar	CISO	physical
0.99 caiso_small_hydro	CISO	physical
2 caiso_small_hydro	CISO	physical
1.25 caiso_chp	CISO	physical
125 caiso_solar	CISO	physical
45.6 caiso_solar	CISO	physical
6.4 caiso_small_hydro	CISO	physical
20 iid_peaker	IID	physical
20 iid_peaker	IID	physical
20 iid_peaker	IID	physical
20 iid_peaker	IID	physical
31 IID_Li_Battery	IID	physical
94.936 caiso_wind	CISO	physical
204.2 caiso_peaker1	CISO	physical
202.7 caiso_peaker1	CISO	physical
208.96 caiso_peaker1	CISO	physical
204.29 caiso_peaker1	CISO	physical
1.5 caiso_solar	CISO	physical
45 caiso_biomass	CISO	physical
13 caiso_small_hydro	CISO	physical
176.72 caiso_hydro	CISO	physical
175.67 caiso_hydro	CISO	physical
74.8 iid_solar	IID	specifiedimport
3.3 caiso_biomass	CISO	physical
43 caiso_peaker2	CISO	physical
641 caiso_ccgt1	CISO	physical
246.86 caiso_hydro	CISO	physical
10 caiso_geothermal	CISO	physical
10.5 caiso_geothermal	CISO	physical
14 caiso_geothermal	CISO	physical
3 caiso_small_hydro	CISO	physical
60 caiso_geothermal	CISO	physical
10.9 caiso_small_hydro	CISO	physical
2.9 caiso_geothermal	CISO	physical
11.94 caiso_small_hydro	CISO	physical
155 caiso_solar	CISO	physical
92 caiso_solar	CISO	physical

10 caiso_solar	CISO	physical
48 caiso_solar	CISO	physical
26 ldwp_solar	LADWP	physical
27 ldwp_solar	LADWP	physical
26 ldwp_solar	LADWP	physical
28 ldwp_solar	LADWP	physical
25 ldwp_solar	LADWP	physical
26 ldwp_solar	LADWP	physical
27 ldwp_solar	LADWP	physical
26 ldwp_solar	LADWP	physical
24 ldwp_solar	LADWP	physical
20 ldwp_solar	LADWP	physical
20 caiso_solar	CISO	physical
11 caiso_solar	CISO	physical
9.5 banc_solar	BANC	physical
0.99 caiso_solar	CISO	physical
28 caiso_ccgt2	CISO	physical
4.3 caiso_biomass	CISO	physical
534.6 banc_ccgt	BANC	physical
5.3 caiso_small_hydro	CISO	physical
6.89 caiso_hydro	CISO	physical
2.8 caiso_hydro	CISO	physical
5.5 caiso_small_hydro	CISO	physical
2 caiso_hydro	CISO	physical
2 caiso_small_hydro	CISO	physical
6.1 caiso_biomass	CISO	physical
139 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
4.32 caiso_solar	CISO	physical
2.83 caiso_small_hydro	CISO	physical
70.4 caiso_hydro	CISO	physical
200 caiso_li_battery	CISO	physical
150 caiso_li_battery	CISO	physical
0.9 caiso_small_hydro	CISO	physical
3.2 caiso_hydro	CISO	physical
4.2 caiso_hydro	CISO	physical
240 caiso_chp	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_li_battery	CISO	physical
50 caiso_wind	CISO	physical
20 caiso_solar	CISO	physical
7 caiso_peaker1	CISO	physical
24.75 caiso_peaker2	CISO	physical
24.75 caiso_peaker2	CISO	physical
130 caiso_solar	CISO	physical
0.85 caiso_biomass	CISO	physical

4.53 caiso_biomass	CISO	physical
2 caiso_biomass	CISO	physical
0.5 caiso_small_hydro	CISO	physical
19 caiso_solar	CISO	physical
4 caiso_chp	CISO	physical
0.9 caiso_small_hydro	CISO	physical
0.9 caiso_small_hydro	CISO	physical
40 caiso_solar	CISO	physical
2 caiso_biogas	CISO	physical
1.5 caiso_solar	CISO	physical
0.8 caiso_biomass	CISO	physical
1.6 caiso_biomass	CISO	physical
1 caiso_biogas	CISO	physical
1 caiso_solar	CISO	physical
1 caiso_solar	CISO	physical
4 caiso_biogas	CISO	physical
2 caiso_small_hydro	CISO	physical
7 caiso_hydro	CISO	physical
42 iid_geothermal	IID	physical
1.5 caiso_solar	CISO	physical
1.75 caiso_solar	CISO	physical
1.25 caiso_solar	CISO	physical
1.3 caiso_solar	CISO	physical
1 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
1.16 caiso_solar	CISO	physical
1.25 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
6.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
880 caiso_ccgt1	CISO	physical
50 iid_geothermal	IID	physical
50 caiso_biomass	IID	physical
92.64 caiso_wind	CISO	physical
2 caiso_solar	CISO	physical
18.5 caiso_solar	CISO	physical
12 caiso_solar	CISO	physical
9 caiso_solar	CISO	physical
0.91 caiso_solar	CISO	physical
1.4 caiso_solar	CISO	physical
20 caiso_chp	CISO	physical
1150 caiso_nuclear	CISO	physical
1150 caiso_nuclear	CISO	physical
2 caiso_biogas	CISO	physical

12.00	caiso_biomass	CISO	physical
48.8	caiso_chp	CISO	physical
47.00	caiso_chp	CISO	physical
1.6	caiso_biomass	CISO	physical
21	caiso_hydro	CISO	physical
72	caiso_hydro	CISO	physical
159	caiso_pumped_hydro	CISO	physical
52.23	caiso_peaker2	CISO	physical
1.5	caiso_biomass	CISO	physical
1.5	caiso_biomass	CISO	physical
1.5	caiso_biomass	CISO	physical
62.5	caiso_solar	CISO	physical
125	caiso_solar	CISO	physical
62.5	caiso_solar	CISO	physical
63	caiso_li_battery	CISO	physical
115	caiso_li_battery	CISO	physical
115	caiso_li_battery	CISO	physical
47	caiso_li_battery	CISO	physical
110	caiso_solar	CISO	physical
125	caiso_solar	CISO	physical
115	caiso_li_battery	CISO	physical
41.4	caiso_peaker1	CISO	physical
100	caiso_solar	CISO	physical
26	caiso_hydro	CISO	physical
28.9	caiso_hydro	CISO	physical
50	caiso_hydro	CISO	physical
18.5	caiso_small_hydro	CISO	physical
100	caiso_solar	CISO	physical
80	caiso_solar	CISO	physical
35	caiso_li_battery	CISO	physical
70	caiso_solar	CISO	physical
296.19	caiso_solar	CISO	physical
230	caiso_li_battery	CISO	physical
300	caiso_solar	CISO	physical
250	caiso_solar	CISO	physical
4.5	caiso_wind	CISO	physical
6.52	caiso_wind	CISO	physical
147.8	caiso_ccgt2	CISO	physical
105.08	caiso_wind	PNM	specifiedimport
22	caiso_hydro	CISO	physical
26	caiso_hydro	CISO	physical
235	caiso_hydro	CISO	physical
44.8	caiso_wind	CISO	physical
11	iid_geothermal	IID	physical
200	caiso_pumped_hydro	CISO	physical
775.8	caiso_pumped_hydro	CISO	physical
71	caiso_li_battery	CISO	physical

95 caiso_solar	CISO	physical
18 caiso_solar	CISO	physical
12 caiso_li_battery	CISO	physical
85 caiso_solar	CISO	physical
66 caiso_li_battery	CISO	physical
20 caiso_solar	CISO	physical
70 iid_ccgt	IID	physical
108.8 iid_ccgt	IID	physical
146.5 iid_ccgt	IID	physical
298 caiso_wind	AZPS	specifiedimport
3 caiso_li_battery	CISO	physical
1 caiso_li_battery	CISO	physical
7.5 caiso_li_battery	CISO	physical
48.1 caiso_peaker2	CISO	physical
45.42 caiso_peaker1	CISO	physical
1.5 caiso_solar	CISO	physical
11 caiso_hydro	CISO	physical
11 caiso_hydro	CISO	physical
93 caiso_hydro	CISO	physical
50.9 banc_solar	BANC	physical
37.9 banc_solar	BANC	physical
4.9 caiso_small_hydro	CISO	physical
551.7 caiso_ccgt1	CISO	physical
182.5 caiso_li_battery	CISO	physical
12 caiso_peaker1	CISO	physical
10.5 caiso_biomass	CISO	physical
263 caiso_ccgt2	CISO	physical
263.68 caiso_ccgt1	CISO	physical
10 caiso_li_battery	CISO	physical
4.8 caiso_solar	CISO	physical
155.1 caiso_wind	CISO	physical
105 caiso_wind	CISO	physical
47.1 caiso_wind	CISO	physical
38.24 caiso_wind	CISO	physical
10 caiso_li_battery	CISO	physical
10 caiso_li_battery	CISO	physical
10 caiso_li_battery	CISO	physical
48.71 caiso_peaker2	CISO	physical
48.04 caiso_peaker2	CISO	physical
49.9 caiso_chp	CISO	physical
3 caiso_li_battery	CISO	physical
2.1 caiso_biomass	CISO	physical
57.14 caiso_wind	CISO	physical
1 caiso_solar	CISO	physical
2.56 caiso_small_hydro	CISO	physical
1.5 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical

3.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
2.5 caiso_solar	CISO	physical
6 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
1 caiso_solar	CISO	physical
1 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
33.6 caiso_chp	CISO	physical
47.39 caiso_peaker1	CISO	physical
24 caiso_small_hydro	CISO	physical
94.5 caiso_hydro	CISO	physical
60 caiso_solar	CISO	physical
18.75 caiso_biomass	CISO	physical
40 caiso_li_battery	CISO	physical
6.2 caiso_chp	CISO	physical
27.39 caiso_wind	CISO	physical
11.9 caiso_wind	CISO	physical
18 caiso_wind	CISO	physical
0.6 caiso_hydro	CISO	physical
16 caiso_small_hydro	CISO	physical
37.5 caiso_hydro	CISO	physical
14.3 caiso_hydro	CISO	physical
20 caiso_solar	CISO	physical
100 caiso_solar	CISO	physical
10 caiso_li_battery	CISO	physical
25 caiso_small_hydro	CISO	physical
6 caiso_chp	CISO	physical
20 caiso_solar	CISO	physical
1.4 caiso_hydro	CISO	physical
3.6 caiso_hydro	CISO	physical
1.63 caiso_small_hydro	CISO	physical
1.6 caiso_small_hydro	CISO	physical
1 caiso_small_hydro	CISO	physical
13.8 caiso_solar	CISO	physical
1 caiso_biogas	CISO	physical
88 caiso_li_battery	CISO	physical
180 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
4 caiso_solar	CISO	physical
4 caiso_solar	CISO	physical
16.5 caiso_wind	CISO	physical
6.5 caiso_wind	CISO	physical
22.5 caiso_wind	CISO	physical
6 caiso_wind	CISO	physical
10.8 caiso_wind	CISO	physical
7.88 caiso_wind	CISO	physical

1 caiso_small_hydro	CISO	physical
11.2 caiso_wind	CISO	physical
11.7 caiso_wind	CISO	physical
12.6 caiso_wind	CISO	physical
9.8 caiso_wind	CISO	physical
3 caiso_wind	CISO	physical
5.93 caiso_wind	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
250 caiso_li_battery	CISO	physical
585 caiso_ccgt1	CISO	physical
250 caiso_solar	CISO	physical
22 iid_geothermal	IID	physical
22 iid_geothermal	IID	physical
10 iid_geothermal	IID	physical
86.8 caiso_geothermal	CISO	physical
57 caiso_geothermal	CISO	physical
73 caiso_geothermal	CISO	physical
70 caiso_geothermal	CISO	physical
63 caiso_geothermal	CISO	physical
10.01 caiso_geothermal	CISO	physical
75.5 caiso_geothermal	CISO	physical
72 caiso_geothermal	CISO	physical
50 caiso_geothermal	CISO	physical
20 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
9 caiso_solar	CISO	physical
120 caiso_ccgt1	CISO	physical
95.2 caiso_peaker2	CISO	physical
46.2 caiso_peaker2	CISO	physical
20 caiso_solar	CISO	physical
11.4 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
65.81 caiso_peaker2	CISO	physical
22.07 caiso_peaker2	CISO	physical
22.3 caiso_peaker2	CISO	physical
44.83 caiso_peaker1	CISO	physical
42.42 caiso_peaker1	CISO	physical
20 caiso_solar	CISO	physical
0.25 caiso_small_hydro	CISO	physical
10 caiso_li_battery	CISO	physical
54 caiso_peaker2	CISO	physical
48.2 caiso_chp	CISO	physical
9.90 caiso_chp	CISO	physical
2.84 caiso_biogas	CISO	physical

1.99 caiso_biomass	CISO	physical
1.42 caiso_biomass	CISO	physical
12 caiso_solar	CISO	physical
200 caiso_wind	AZPS	specifiedimport
18 ldwp_st	LADWP	physical
40 ldwp_st	LADWP	physical
40 ldwp_st	LADWP	physical
48 ldwp_peaker	LADWP	physical
102 ldwp_ccgt	LADWP	physical
2.5 caiso_solar	CISO	physical
570 sw_ccgt	WALC	specifiedimport
20 caiso_hydro	CISO	physical
3 caiso_li_battery	CISO	physical
60 caiso_peaker2	CISO	physical
49.20 caiso_peaker1	CISO	physical
49.2 caiso_chp	CISO	physical
3.04 caiso_biomass	CISO	physical
5 caiso_small_hydro	CISO	physical
26.35 caiso_chp	CISO	physical
1 caiso_biogas	CISO	physical
20 caiso_solar	CISO	physical
1 caiso_biogas	CISO	physical
98.46 caiso_peaker2	CISO	physical
98.43 caiso_geothermal	CISO	physical
95.8 caiso_geothermal	CISO	physical
3.75 caiso_small_hydro	CISO	physical
144 caiso_hydro	CISO	physical
13.5 caiso_small_hydro	CISO	physical
109.01 caiso_ccgt2	CISO	physical
231 ldwp_ccgt	LADWP	physical
49 ldwp_peaker	LADWP	physical
49 ldwp_peaker	LADWP	physical
49 ldwp_peaker	LADWP	physical
49 ldwp_peaker	LADWP	physical
49 ldwp_peaker	LADWP	physical
1 caiso_biogas	CISO	physical
2.88 caiso_biomass	CISO	physical
8.5 caiso_small_hydro	CISO	physical
8.5 caiso_small_hydro	CISO	physical
2 caiso_hydro	CISO	physical
1.7 caiso_small_hydro	CISO	physical
102 caiso_wind	CISO	physical
222 ldwp_st	LADWP	physical
96 ldwp_peaker	LADWP	physical
96 ldwp_peaker	LADWP	physical
96 ldwp_peaker	LADWP	physical
96 ldwp_peaker	LADWP	physical

96 ldwp_peaker	LADWP	physical
96 ldwp_peaker	LADWP	physical
222 ldwp_st	LADWP	physical
590 ldwp_ccgt	LADWP	physical
5.8 caiso_small_hydro	CISO	physical
6.7 caiso_small_hydro	CISO	physical
8.75 iid_geothermal	IID	physical
4.37 iid_geothermal	IID	physical
52 iid_geothermal	IID	physical
16 iid_geothermal	IID	physical
10 iid_solar	IID	physical
1.5 banc_solar	BANC	physical
407 caiso_pumped_hydro	CISO	physical
407 caiso_pumped_hydro	CISO	physical
404 caiso_pumped_hydro	CISO	physical
10 caiso_li_battery	CISO	physical
1.5 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
49.98 caiso_peaker2	CISO	physical
49.42 caiso_peaker2	CISO	physical
100 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
830 caiso_ccgt1	CISO	physical
1.5 caiso_small_hydro	CISO	physical
0.5 caiso_hydro	CISO	physical
50 caiso_li_battery	CISO	physical
100 caiso_solar	CISO	physical
3.75 caiso_hydro	CISO	physical
30 caiso_chp	CISO	physical
63 caiso_peaker2	CISO	physical
63 caiso_peaker2	CISO	physical
63 caiso_peaker2	CISO	physical
63 caiso_peaker2	CISO	physical
34 caiso_chp	CISO	physical
4.9 caiso_small_hydro	CISO	physical
673.8 caiso_ccgt1	CISO	physical
226.84 caiso_st	CISO	physical
48.2 caiso_chp	CISO	physical
1.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
0.2 caiso_biomass	CISO	physical
0.2 caiso_biomass	CISO	physical
249 caiso_hydro	WALC	specifiedimport
16 caiso_hydro	WALC	specifiedimport
64.8 iid_geothermal	IID	physical
65.08 caiso_reciprocating_engine	CISO	physical
97.62 caiso_reciprocating_engine	CISO	physical

1.25 caiso_hydro	CISO	physical
75 caiso_li_battery	CISO	physical
20 caiso_solar	CISO	physical
933.1 caiso_hydro	CISO	physical
0.5 caiso_chp	CISO	physical
20 iid_solar	IID	physical
45 caiso_peaker2	CISO	physical
45 caiso_peaker2	CISO	physical
45 caiso_peaker2	CISO	physical
3.01 caiso_small_hydro	CISO	physical
8 caiso_hydro	CISO	physical
849.97 ldwp_coal	LADWP	physical
849.97 ldwp_coal	LADWP	physical
405 caiso_hydro	CISO	physical
236 ldwp_coal	LADWP	specifiedimport
107 ldwp_coal	LADWP	specifiedimport
136 ldwp_coal	LADWP	specifiedimport
18.4 caiso_wind	CISO	physical
126 caiso_solar	CISO	physical
133 caiso_solar	CISO	physical
133 caiso_solar	CISO	physical
150 caiso_solar	CISO	physical
200 caiso_solar	CISO	physical
150 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
1.75 caiso_li_battery	CISO	physical
13.5 caiso_solar	CISO	physical
160 caiso_wind	CISO	physical
77 caiso_wind	CISO	physical
30.2 caiso_wind	CISO	physical
18 caiso_solar	CISO	physical
42 iid_geothermal	IID	physical
20 caiso_li_battery	CISO	physical
20.00 caiso_li_battery	CISO	physical
10 caiso_li_battery	CISO	physical
10 caiso_li_battery	CISO	physical
9 caiso_li_battery	CISO	physical
6 caiso_li_battery	CISO	physical
250 ldwp_solar	LADWP	physical
26.32 banc_solar	BANC	physical
20 caiso_solar	CISO	physical
10 caiso_li_battery	CISO	physical
10 caiso_li_battery	CISO	physical
5.5 caiso_small_hydro	CISO	physical
198.03 caiso_peaker1	CISO	physical
11 caiso_small_hydro	CISO	physical
153.9 caiso_hydro	CISO	physical

1.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
52.4 caiso_chp	CISO	physical
55.2 caiso_chp	CISO	physical
25.6 caiso_hydro	CISO	physical
3.5 caiso_biomass	BANC	physical
3.5 caiso_biomass	BANC	physical
3.5 caiso_biomass	BANC	physical
3.5 caiso_biomass	BANC	physical
3.5 caiso_biomass	BANC	physical
1.5 caiso_small_hydro	CISO	physical
34.5 caiso_chp	CISO	physical
51.2 caiso_hydro	CISO	physical
3.56 caiso_biomass	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
44.6 caiso_peaker2	CISO	physical
20 caiso_solar	CISO	physical
30.00 caiso_solar	CISO	physical
72.06 caiso_solar	CISO	physical
30.00 caiso_solar	CISO	physical
30.88 caiso_solar	CISO	physical
80 caiso_solar	CISO	physical
80 caiso_solar	CISO	physical
80 caiso_solar	CISO	physical
10.6 caiso_small_hydro	CISO	physical
1 caiso_li_battery	CISO	physical
9.95 caiso_hydro	CISO	physical
0.35 caiso_chp	CISO	physical
51 ldwp_peaker	LADWP	physical
3 caiso_biogas	CISO	physical
20 caiso_pumped_hydro	CISO	physical
20 caiso_pumped_hydro	CISO	physical
60 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
14.99 caiso_solar	CISO	physical
26.66 caiso_solar	CISO	physical
16.66 caiso_solar	CISO	physical
20 caiso_biomass	CISO	physical
267 caiso_ccgt1	CISO	physical
266 caiso_ccgt1	CISO	physical
266 caiso_ccgt1	CISO	physical
267 caiso_ccgt1	CISO	physical
46.1 caiso_peaker1	CISO	physical
47.98 caiso_peaker1	CISO	physical

322	caiso_ccgt2	CISO	physical
30	caiso_biomass	CISO	physical
0.3	caiso_chp	CISO	physical
42	iid_geothermal	IID	physical
799.47	caiso_ccgt1	CISO	physical
309.84	caiso_ccgt2	CISO	physical
125	caiso_li_battery	CISO	physical
20	caiso_solar	CISO	physical
48	caiso_ccgt1	CISO	physical
20	caiso_solar	CISO	physical
3	caiso_solar	CISO	physical
3	caiso_solar	CISO	physical
2	caiso_solar	CISO	physical
5	caiso_solar	CISO	physical
2	caiso_solar	CISO	physical
2	caiso_solar	CISO	physical
3	caiso_solar	CISO	physical
1.25	caiso_solar	CISO	physical
49.7	caiso_peaker2	CISO	physical
20	caiso_li_battery	CISO	physical
47.5	caiso_peaker2	CISO	physical
47.6	caiso_peaker2	CISO	physical
47.4	caiso_peaker2	CISO	physical
580	caiso_ccgt1	CISO	physical
5.5	caiso_solar	CISO	physical
2.75	caiso_solar	CISO	physical
1.5	caiso_solar	CISO	physical
1	caiso_solar	CISO	physical
25	caiso_peaker2	CISO	physical
302.58	caiso_ccgt1	CISO	physical
50	caiso_solar	CISO	physical
0.99	caiso_small_hydro	CISO	physical
1.35	caiso_hydro	CISO	physical
20	caiso_solar	CISO	physical
50	caiso_solar	CISO	physical
50	caiso_solar	CISO	physical
40	caiso_solar	CISO	physical
109	ldwp_ccgt	LADWP	specifiedimport
12	ldwp_ccgt	LADWP	specifiedimport
12	caiso_ccgt1	LADWP	specifiedimport
18	caiso_ccgt1	LADWP	specifiedimport
301	ldwp_ccgt	LADWP	physical
1	caiso_solar	CISO	physical
5.25	caiso_solar	CISO	physical
96	caiso_peaker1	CISO	physical
32.5	caiso_hydro	CISO	physical
250	CAISO_Imports	BPAT	specifiedimport

125 caiso_hydro	BPAT	specifiedimport
308 nw_ccgt	BPAT	specifiedimport
100 caiso_wind	BPAT	specifiedimport
50 caiso_wind	BPAT	specifiedimport
50 caiso_wind	BPAT	specifiedimport
1 caiso_solar	CISO	physical
189 caiso_wind	CISO	physical
20 caiso_solar	CISO	physical
4.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
0.52 caiso_small_hydro	CISO	physical
74 banc_peaker	BANC	physical
62 banc_peaker	BANC	physical
62 banc_peaker	BANC	physical
10 caiso_hydro	CISO	physical
210 caiso_hydro	CISO	physical
20 caiso_li_battery	CISO	physical
5 caiso_solar	CISO	physical
25.00 caiso_biomass	CISO	physical
1.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
3.5 caiso_small_hydro	CISO	physical
1 caiso_chp	CISO	physical
2.90 caiso_chp	CISO	physical
27 caiso_biomass	IID	physical
593.16 caiso_ccgt1	CISO	physical
9.6 caiso_peaker2	CISO	physical
7.81 caiso_wind	CISO	physical
3 caiso_wind	CISO	physical
7.45 caiso_wind	CISO	physical
7.5 caiso_wind	CISO	physical
20 iid_solar	IID	specifiedimport
49.9 iid_solar	IID	specifiedimport
145 nw_wind	LADWP	physical
58.5 nw_wind	LADWP	physical
100 nw_wind	LADWP	physical
5 nw_wind	LADWP	specifiedimport
2.85 caiso_hydro	CISO	physical
3 caiso_solar	CISO	physical
10 caiso_li_battery	CISO	physical
10 caiso_li_battery	CISO	physical
5.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
1 caiso_solar	CISO	physical
2.85 caiso_hydro	CISO	physical
46 caiso_peaker1	CISO	physical
5 caiso_hydro	CISO	physical

1 caiso_chp	CISO	physical
47.49 caiso_peaker2	CISO	physical
1 caiso_chp	CISO	physical
1.6 caiso_biomass	CISO	physical
47.2 caiso_peaker1	CISO	physical
60 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
10 caiso_li_battery	CISO	physical
14.36 caiso_hydro	CISO	physical
20 caiso_solar	CISO	physical
7.99 caiso_li_battery	CISO	physical
6.14 caiso_wind	CISO	physical
4.04 caiso_wind	CISO	physical
5.25 caiso_wind	CISO	physical
6.16 caiso_wind	CISO	physical
12.5 caiso_small_hydro	CISO	physical
2 caiso_li_battery	CISO	physical
6.96 caiso_biomass	CISO	physical
0.8 caiso_small_hydro	CISO	physical
38.16 caiso_wind	CISO	physical
1 caiso_chp	CISO	physical
510 caiso_ccgt1	CISO	physical
510 caiso_ccgt1	CISO	physical
494.58 caiso_ccgt1	CISO	physical
44 caiso_peaker1	CISO	physical
45 caiso_peaker1	CISO	physical
30 caiso_li_battery	CISO	physical
15 caiso_solar	CISO	physical
5 caiso_biomass	CISO	physical
165 caiso_solar	CISO	physical
100.81 caiso_solar	CISO	physical
152 caiso_solar	CISO	physical
625 sw_ccgt	SRP	specifiedimport
2 caiso_small_hydro	CISO	physical
75 caiso_li_battery	CISO	physical
30 caiso_solar	CISO	physical
40 caiso_solar	CISO	physical
30 caiso_solar	CISO	physical
20 banc_solar	BANC	physical
46.64 caiso_biomass	CISO	physical
66.6 caiso_wind	CISO	physical
44.4 caiso_wind	CISO	physical
22.2 caiso_wind	CISO	physical
22.44 caiso_wind	CISO	physical
4.12 caiso_chp	CISO	physical
1 caiso_biomass	CISO	physical
12 caiso_small_hydro	CISO	physical

55 caiso_hydro	CISO	physical
90 caiso_geothermal	CISO	physical
38.85 caiso_geothermal	CISO	physical
39.94 caiso_geothermal	CISO	physical
42.42 caiso_geothermal	CISO	physical
52.73 caiso_geothermal	CISO	physical
3 ldwp_solar	LADWP	physical
66 caiso_solar	CISO	physical
0.1 caiso_chp	CISO	physical
57 sw_ct	AZPS	specifiedimport
4 caiso_hydro	CISO	physical
50 iid_peaker	IID	physical
50 iid_peaker	IID	physical
4.05 caiso_chp	CISO	physical
42.70 caiso_chp	CISO	physical
16 iid_geothermal	IID	physical
16 iid_geothermal	IID	physical
16 iid_geothermal	IID	physical
16 iid_geothermal	IID	physical
16 iid_geothermal	IID	physical
16 iid_geothermal	IID	physical
2 caiso_biomass	CISO	physical
3.9 caiso_biogas	CISO	physical
12 caiso_hydro	CISO	physical
6.31 caiso_wind	CISO	physical
9 caiso_wind	CISO	physical
3.35 caiso_wind	CISO	physical
4.07 caiso_wind	CISO	physical
3.86 caiso_wind	CISO	physical
6.77 caiso_wind	CISO	physical
6.9 caiso_biogas	CISO	physical
55 caiso_peaker2	CISO	physical
55 caiso_peaker2	CISO	physical
55 caiso_peaker2	CISO	physical
4.6 caiso_biomass	CISO	physical
27.87 caiso_wind	CISO	physical
3.5 caiso_wind	CISO	physical
13.5 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
265 caiso_wind	CISO	physical
96 caiso_peaker2	CISO	physical
3.8 caiso_hydro	CISO	physical

2 caiso_biomass	CISO	physical
1 caiso_biogas	CISO	physical
1 caiso_biogas	CISO	physical
20 caiso_solar	CISO	physical
3.13 caiso_hydro	CISO	physical
28.1 caiso_biomass	CISO	physical
0.4 caiso_small_hydro	CISO	physical
8 caiso_biomass	CISO	physical
5.6 caiso_biomass	CISO	physical
44 ldwp_st	LADWP	physical
55 ldwp_st	LADWP	physical
20 caiso_solar	CISO	physical
19.75 caiso_solar	CISO	physical
5.8 caiso_small_hydro	CISO	physical
78 caiso_peaker1	CISO	physical
78.11 caiso_peaker1	CISO	physical
81.41 caiso_peaker1	CISO	physical
81.44 caiso_peaker1	CISO	physical
25.2 caiso_pumped_hydro	CISO	physical
0.5 caiso_hydro	CISO	physical
1.5 caiso_solar	CISO	physical
12.9 iid_geothermal	IID	physical
12.9 iid_geothermal	IID	physical
33.5 iid_geothermal	IID	physical
15 iid_geothermal	IID	physical
15 iid_geothermal	IID	physical
741.27 caiso_st	CISO	physical
750 caiso_st	CISO	physical
20 iid_solar	IID	physical
10 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
7.5 caiso_chp	CISO	physical
3 caiso_solar	CISO	physical
70 caiso_pumped_hydro	CISO	physical
3 caiso_li_battery	CISO	physical
3 caiso_li_battery	CISO	physical
1.5 caiso_biogas	CISO	physical
1.5 caiso_biogas	CISO	physical
35.5 caiso_peaker2	CISO	physical
3 caiso_biogas	CISO	physical
603.68 caiso_ccgt1	CISO	physical
5.8 caiso_hydro	CISO	physical
10.62 caiso_biomass	CISO	physical
28.8 caiso_biomass	CISO	physical
1.92 caiso_small_hydro	CISO	physical
1.75 caiso_solar	CISO	physical
9.9 caiso_hydro	CISO	physical

1.82 caiso_small_hydro	CISO	physical
1.05 caiso_small_hydro	CISO	physical
20 caiso_solar	CISO	physical
4.5 caiso_peaker2	CISO	physical
407 ldwp_nuclear	LADWP	physical
575 caiso_ccgt1	CISO	physical
49.00 caiso_biomass	CISO	physical
30 caiso_wind	CISO	physical
30 caiso_hydro	CISO	physical
10 caiso_wind	CISO	physical
9.5 caiso_solar	CISO	physical
1.6 caiso_biomass	CISO	physical
8 caiso_biomass	CISO	physical
118 caiso_pumped_hydro	CISO	physical
5 caiso_li_battery	CISO	physical
1.5 caiso_solar	CISO	physical
90 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
4 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
267 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
2 caiso_loadmod	CISO	physical
2 caiso_small_hydro	CISO	physical
8.5 ldwp_solar	LADWP	physical
120 ldwp_wind	LADWP	physical
198.51 caiso_hydro	CISO	physical
111.3 caiso_peaker1	CISO	physical
112.7 caiso_peaker1	CISO	physical
112 caiso_peaker1	CISO	physical
1.5 caiso_solar	CISO	physical
32 caiso_hydro	CISO	physical
32 caiso_hydro	CISO	physical
70.6 caiso_hydro	CISO	physical
95 caiso_hydro	CISO	physical
82 caiso_hydro	CISO	physical
82 caiso_hydro	CISO	physical
1.1 caiso_hydro	CISO	physical
39 caiso_hydro	CISO	physical
40 caiso_hydro	CISO	physical
55.7 caiso_hydro	CISO	physical

54.6 caiso_hydro	CISO	physical
3 caiso_biomass	CISO	physical
8.4 caiso_small_hydro	CISO	physical
5 caiso_small_hydro	CISO	physical
20 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
6 caiso_chp	CISO	physical
4.98 caiso_biomass	CISO	physical
10 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
401 caiso_peaker1	CISO	physical
119.91 caiso_peaker2	CISO	physical
140 caiso_solar	CISO	physical
49.97 caiso_peaker2	CISO	physical
52.01 caiso_peaker2	CISO	physical
0.46 caiso_biomass	CISO	physical
69 caiso_hydro	CISO	physical
68.5 caiso_hydro	CISO	physical
2.29 caiso_biomass	CISO	physical
2.29 caiso_biomass	CISO	physical
10.1 caiso_small_hydro	CISO	physical
1.25 caiso_hydro	CISO	physical
2 caiso_biomass	CISO	physical
3 caiso_biomass	CISO	physical
3 caiso_biomass	CISO	physical
250 caiso_solar	CISO	physical
50 caiso_solar	CISO	physical
5 caiso_li_battery	CISO	physical
1.6 caiso_biogas	CISO	physical
1 caiso_chp	CISO	physical
2.58 caiso_chp	CISO	physical
22.3 caiso_chp	CISO	physical
3 caiso_solar	CISO	physical
1.98 caiso_solar	CISO	physical
635 caiso_nuclear	SRP	specifiedimport
2.1 caiso_wind	CISO	physical
10 caiso_li_battery	CISO	physical
20 caiso_li_battery	CISO	physical
125 caiso_solar	CISO	physical
80 caiso_li_battery	CISO	physical
106.18 iid_geothermal	IID	specifiedimport
124 caiso_specified_imports	BANC	specifiedimport

150 caiso_solar	CISO	physical
60 caiso_solar	CISO	physical
40 caiso_solar	CISO	physical
57 caiso_hydro	CISO	physical
56.9 caiso_hydro	CISO	physical
6.5 caiso_solar	CISO	physical
61.1 ldwp_solar	LADWP	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
14 caiso_solar	CISO	physical
3.5 caiso_solar	CISO	physical
6.55 caiso_small_hydro	CISO	physical
2.25 caiso_hydro	CISO	physical
20.09 caiso_small_hydro	CISO	physical
0.8 caiso_biomass	CISO	physical
1.5 caiso_biomass	CISO	physical
44 caiso_reciprocating_engine	CISO	physical
17.03 banc_peaker	BANC	physical
25.03 banc_peaker	BANC	physical
25.03 banc_peaker	BANC	physical
121 banc_ccgt	BANC	physical
3.75 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical
178.87 caiso_st	CISO	physical
175 caiso_st	CISO	physical
480 caiso_st	CISO	physical
1.23 caiso_solar	CISO	physical
10 caiso_wind	CISO	physical
300 caiso_solar	CISO	physical
180 caiso_li_battery	CISO	physical
4.00 caiso_biogas	CISO	physical
8.5 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
2.5 caiso_biomass	CISO	physical
14 caiso_hydro	CISO	physical
1.11 caiso_small_hydro	CISO	physical
50 banc_peaker	BANC	physical
50 banc_peaker	BANC	physical
0.6 caiso_hydro	CISO	physical
2.99 caiso_solar	CISO	physical
25 iid_peaker	IID	physical
25 iid_peaker	IID	physical
13.5 caiso_hydro	CISO	physical
25.6 banc_peaker	BANC	physical
25.6 banc_peaker	BANC	physical
140 caiso_wind	CISO	physical

3 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
40 caiso_solar	CISO	physical
56 caiso_solar	CISO	physical
56 caiso_solar	CISO	physical
54 caiso_solar	CISO	physical
54 caiso_solar	CISO	physical
26 caiso_solar	CISO	physical
13.6 caiso_solar	CISO	physical
79.2 caiso_wind	CISO	physical
19.8 caiso_wind	CISO	physical
99 caiso_wind	CISO	physical
615.18 caiso_ccgt2	CISO	physical
47.6 caiso_peaker2	CISO	physical
49 caiso_peaker1	CISO	physical
49 caiso_peaker1	CISO	physical
48.35 caiso_peaker1	CISO	physical
48.5 caiso_peaker2	CISO	physical
7.5 caiso_solar	CISO	physical
36 caiso_peaker1	CISO	physical
1.5 caiso_solar	CISO	physical
39 caiso_chp	CISO	physical
42 iid_geothermal	IID	physical
50 iid_geothermal	IID	physical
10 iid_geothermal	IID	physical
5 iid_geothermal	IID	physical
5 iid_geothermal	IID	physical
46 caiso_hydro	CISO	physical
25 caiso_chp	CISO	physical
166 caiso_solar	CISO	physical
51 caiso_solar	CISO	physical
42 caiso_solar	CISO	physical
100 caiso_li_battery	CISO	physical
100 caiso_li_battery	CISO	physical
36 caiso_solar	CISO	physical
80 caiso_wind	CISO	physical
275 caiso_solar	CISO	physical
100 caiso_solar	CISO	physical
8 caiso_biogas	CISO	physical
1.5 caiso_biomass	CISO	physical
0.85 caiso_biomass	CISO	physical
2.274 caiso_biogas	CISO	physical
72 caiso_geothermal	CISO	physical
19.6 caiso_biogas	CISO	physical
2 caiso_li_battery	CISO	physical
31 caiso_wind	CISO	physical

1.57	caiso_biogas	CISO	physical
9.1	caiso_hydro	CISO	physical
20.78	caiso_chp	CISO	physical
2.19	caiso_small_hydro	CISO	physical
8	caiso_biomass	CISO	physical
6.1	caiso_biomass	CISO	physical
555	caiso_ccgt1	CISO	physical
555	caiso_ccgt1	CISO	physical
10.6	caiso_chp	CISO	physical
2	caiso_solar	CISO	physical
2.5	caiso_solar	CISO	physical
2.5	caiso_solar	CISO	physical
3.5	caiso_solar	CISO	physical
3.5	caiso_solar	CISO	physical
1.5	caiso_solar	CISO	physical
5	caiso_solar	CISO	physical
6.95	caiso_small_hydro	CISO	physical
3.93	caiso_small_hydro	CISO	physical
65.6	banc_ccgt	BANC	physical
49	banc_peaker	BANC	physical
174	ldwp_st	LADWP	physical
177	ldwp_st	LADWP	physical
300	ldwp_peaker	LADWP	physical
100	ldwp_peaker	LADWP	physical
89	ldwp_peaker	LADWP	physical
89	ldwp_peaker	LADWP	physical
19	caiso_loadmod	CISO	physical
212	caiso_loadmod	CISO	physical
606	caiso_loadmod	CISO	physical
0.1	caiso_loadmod	CISO	physical
1	caiso_loadmod	CISO	physical
3	caiso_loadmod	CISO	physical
1	caiso_loadmod	CISO	physical
287.01	caiso_hydro	WALC	specifiedimport
336.04	caiso_ccgt2	CISO	physical
15	caiso_solar	CISO	physical
0.8	caiso_biogas	CISO	physical
15	caiso_solar	CISO	physical
2	caiso_loadmod	CISO	physical
0.1	caiso_loadmod	CISO	physical
0.1	caiso_loadmod	CISO	physical
0.1	caiso_loadmod	CISO	physical
0.1	caiso_loadmod	CISO	physical
0.1	caiso_loadmod	CISO	physical
0.1	caiso_loadmod	CISO	physical
0.1	caiso_loadmod	CISO	physical
0.1	caiso loadmod	CISO	physical

7 iid_solar	IID	physical
19 caiso_chp	CISO	physical
13 caiso_wind	CISO	physical
33 iid_geothermal	IID	physical
20 caiso_solar	CISO	physical
107.68 caiso_peaker1	CISO	physical
102.5 caiso_peaker1	CISO	physical
105.69 caiso_peaker1	CISO	physical
106.55 caiso_peaker1	CISO	physical
107.52 caiso_peaker1	CISO	physical
105 caiso_peaker1	CISO	physical
106.73 caiso_peaker1	CISO	physical
106.85 caiso_peaker1	CISO	physical
2.9 caiso_solar	CISO	physical
32.5 iid_solar	IID	physical
48.3 caiso_chp	CISO	physical
2.6 caiso_biomass	CISO	physical
3 caiso_solar	CISO	physical
100 caiso_peaker2	CISO	physical
4 caiso_solar	CISO	physical
52.43 caiso_peaker2	CISO	physical
10 caiso_li_battery	CISO	physical
17 iid_geothermal	IID	specifiedimport
1.42 caiso_biomass	CISO	physical
20 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
50.5 caiso_solar	CISO	physical
46.50 caiso_solar	CISO	physical
46.5 caiso_li_battery	CISO	physical
34 caiso_li_battery	CISO	physical
34 caiso_solar	CISO	physical
63 caiso_solar	CISO	physical
10 caiso_li_battery	CISO	physical
16 caiso_solar	CISO	physical
250 caiso_solar	CISO	physical
107.6 caiso_solar	CISO	physical
310 caiso_solar	CISO	physical
276 caiso_solar	CISO	physical
374.43 caiso_pumped_hydro	CISO	physical
13 caiso_hydro	CISO	physical
46.05 caiso_peaker1	CISO	physical
1.5 caiso_biomass	CISO	physical
64.8 caiso_geothermal	CISO	physical
1 caiso_solar	CISO	physical
13 caiso_biomass	CISO	physical
11 caiso_li_battery	CISO	physical
1 caiso_small_hydro	CISO	physical

27.5 caiso_chp	CISO	physical
27.8 caiso_chp	CISO	physical
100 caiso_li_battery	CISO	physical
47.7 caiso_chp	CISO	physical
47.9 caiso_chp	CISO	physical
1.65 caiso_small_hydro	CISO	physical
16.2 caiso_hydro	CISO	physical
5 caiso_biomass	CISO	physical
50 iid_solar	IID	specifiedimport
20 iid_solar	IID	physical
100 caiso_solar	CISO	physical
30 caiso_li_battery	CISO	physical
7.1 caiso_small_hydro	CISO	physical
157 banc_ccgt	BANC	physical
0.99 caiso_hydro	CISO	physical
6.5 caiso_hydro	CISO	physical
11.4 caiso_hydro	CISO	physical
22 caiso_biomass	CISO	physical
3 caiso_small_hydro	CISO	physical
17.2 caiso_biomass	CISO	physical
27.15 caiso_biomass	CISO	physical
6 caiso_small_hydro	CISO	physical
7.5 caiso_biomass	CISO	physical
325 SW_CCGT	WALC	specifiedimport
200 SW_CCGT	WALC	specifiedimport
24 caiso_biomass	CISO	physical
7 caiso_hydro	CISO	physical
14 caiso_solar	CISO	physical
3.5 caiso_solar	CISO	physical
4 caiso_solar	CISO	physical
3.5 caiso_solar	CISO	physical
0.18 caiso_small_hydro	CISO	physical
6.4 caiso_small_hydro	CISO	physical
2.5 caiso_small_hydro	CISO	physical
108 ldwp_solar	LADWP	physical
165 ldwp_solar	LADWP	physical
90 ldwp_solar	LADWP	physical
6.9 caiso_chp	CISO	physical
91 caiso_hydro	CISO	physical
49.65 caiso_peaker1	CISO	physical
49.65 caiso_peaker1	CISO	physical
4.6 caiso_chp	CISO	physical
49.9 caiso_peaker2	CISO	physical
19.9 caiso_biomass	CISO	physical
56.2 caiso_chp	CISO	physical
0.56 caiso_small_hydro	CISO	physical
0.42 caiso_small_hydro	CISO	physical

0.92 caiso_small_hydro	CISO	physical
1.84 caiso_small_hydro	CISO	physical
99 caiso_wind	CISO	physical
20 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
18.5 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
43 caiso_li_battery	CISO	physical
67 caiso_li_battery	CISO	physical
132 caiso_li_battery	CISO	physical
23 iid_solar	IID	physical
586.02 caiso_ccgt1	CISO	physical
248 caiso_peaker1	CISO	physical
20 caiso_biomass	CISO	physical
100 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
150 caiso_solar	CISO	physical
150 SW_SOLAR	AZPS	specifiedimport
275 caiso_ccgt1	BANC	specifiedimport
250 banc_ccgt	BANC	physical
4.8 caiso_li_battery	CISO	physical
86 caiso_chp	CISO	physical
78 caiso_peaker1	CISO	physical
78 caiso_chp	CISO	physical
78 caiso_peaker1	CISO	physical
17 caiso_chp	CISO	physical
1.7 caiso_small_hydro	CISO	physical
271.68 caiso_wind	PNM	specifiedimport
47.49 caiso_wind	CISO	physical
14.4 caiso_wind	CISO	physical
19.85 caiso_wind	CISO	physical
23.66 caiso_wind	CISO	physical
40.2 caiso_chp	CISO	physical
625 caiso_ccgt1	CISO	physical
2 caiso_small_hydro	CISO	physical
14 caiso_geothermal	CISO	physical
9.9 nw_wind	PACW	physical
114.8 caiso_chp	CISO	physical
45 iid_solar	IID	physical
45 caiso_wind	CISO	physical
62 caiso_hydro	CISO	physical
70 caiso_solar	IID	specifiedimport
2.83 caiso_small_hydro	CISO	physical
1.5 caiso_solar	CISO	physical
1.5 caiso_small_hydro	CISO	physical
550 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical

90 caiso_li_battery	CISO	physical
90 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
100 caiso_solar	CISO	physical
60 caiso_solar	CISO	physical
72 caiso_li_battery	CISO	physical
200 caiso_solar	CISO	physical
38.97 caiso_wind	CISO	physical
2.8 caiso_biomass	CISO	physical
130.5 caiso_wind	CISO	physical
25.9 caiso_hydro	CISO	physical
0.6 caiso_biomass	CISO	physical
1.3 caiso_hydro	CISO	physical
1.5 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical
11.2 caiso_chp	CISO	physical
27 banc_ccgt	BANC	physical
3.5 caiso_small_hydro	CISO	physical
10 caiso_li_battery	CISO	physical
18 caiso_biomass	CISO	physical
24.3 caiso_biomass	CISO	physical
24.4 caiso_biomass	CISO	physical
19 caiso_chp	CISO	physical
49.85 caiso_chp	CISO	physical
38 caiso_chp	CISO	physical
42.96 caiso_wind	CISO	physical
42.96 caiso_wind	CISO	physical
46 caiso_wind	CISO	physical
7.4 caiso_biogas	CISO	physical
9 caiso_wind	CISO	physical
102.18 caiso_wind	CISO	physical
127.8 caiso_wind	CISO	physical
8 caiso_wind	CISO	physical
10 caiso_wind	CISO	physical
78.2 caiso_wind	CISO	physical
3.1 iid_solar	IID	physical
3.1 iid_solar	IID	physical
0.7 caiso_li_battery	CISO	physical
2.5 caiso_solar	CISO	physical
50.61 caiso_peaker2	CISO	physical
7.94 caiso_small_hydro	CISO	physical
5.9 caiso_hydro	CISO	physical
8 caiso_solar	CISO	physical
1.49 caiso_solar	CISO	physical

20 caiso_solar	CISO	physical
529 ldwp_ccgt	LADWP	physical
47 ldwp_peaker	LADWP	physical
100 caiso_solar	CISO	physical
128 caiso_solar	CISO	physical
70 caiso_li_battery	CISO	physical
0.8 caiso_biogas	CISO	physical
14.4 caiso_solar	CISO	physical
34.47 caiso_chp	CISO	physical
20 caiso_solar	CISO	physical
12.20 caiso_wind	CISO	physical
16 caiso_wind	CISO	physical
44.53 caiso_wind	CISO	physical
5.75 caiso_peaker1	CISO	physical
5.75 caiso_peaker1	CISO	physical
134 caiso_ccgt2	CISO	physical
36.8 caiso_hydro	CISO	physical
5 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
14 caiso_solar	CISO	physical
55.8 caiso_solar	CISO	physical
5 caiso_chp	CISO	physical
49 caiso_peaker1	CISO	physical
11.95 caiso_small_hydro	CISO	physical
24.49 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
17.5 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
7 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
4.1 caiso_hydro	CISO	physical
5.1 caiso_hydro	CISO	physical
207.00 caiso_wind	CISO	physical
59 caiso_wind	CISO	physical
1.4 caiso_chp	CISO	physical
1 caiso_solar	CISO	physical
3.5 caiso_solar	CISO	physical
0.18 caiso_small_hydro	CISO	physical
100 caiso_li_battery	CISO	physical
100 caiso_li_battery	CISO	physical
100 caiso_li_battery	CISO	physical

100 caiso_li_battery	CISO	physical
54 caiso_li_battery	CISO	physical
50 caiso_li_battery	CISO	physical
2.33 caiso_solar	CISO	physical
2.5 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
3 caiso_small_hydro	CISO	physical
9.1 caiso_hydro	CISO	physical
1 caiso_hydro	CISO	physical
0.63 caiso_hydro	CISO	physical
0.6 caiso_small_hydro	CISO	physical
1.25 caiso_hydro	CISO	physical
0.15 caiso_small_hydro	CISO	physical
13.98 caiso_wind	CISO	physical
128.91 caiso_wind	CISO	physical
126.35 caiso_wind	CISO	physical
42.45 caiso_wind	CISO	physical
21.01 caiso_wind	CISO	physical
40 caiso_li_battery	CISO	physical
38 iid_geothermal	IID	physical
10.74 iid_geothermal	IID	physical
10.5 iid_geothermal	IID	physical
29.07 caiso_biomass	CISO	physical
96.43 caiso_peaker1	CISO	physical
96.91 caiso_peaker1	CISO	physical
96.65 caiso_peaker1	CISO	physical
96.49 caiso_peaker1	CISO	physical
96.65 caiso_peaker1	CISO	physical
1.5 caiso_solar	CISO	physical
47 caiso_biomass	CISO	physical
0.2 caiso_geothermal	CISO	physical
6.5 caiso_biomass	CISO	physical
76 caiso_hydro	CISO	physical
20 caiso_solar	CISO	physical
19.75 caiso_solar	CISO	physical
60 caiso_hydro	CISO	physical
4.2 caiso_biomass	CISO	physical
19.88 caiso_solar	CISO	physical
14 caiso_small_hydro	CISO	physical
1.5 caiso_solar	CISO	physical
3.55 caiso_biomass	CISO	physical
50 caiso_wind	WALC	specifiedimport
300 caiso_wind	WALC	specifiedimport
20 caiso_solar	CISO	physical
61.5 caiso_wind	CISO	physical
3 caiso_biomass	CISO	physical
14 caiso_solar	CISO	physical

[illegible]

nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
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nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve

caiso_geothermal	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_biomass	NAN	newresolve
caiso_geothermal	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_geothermal	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_biomass	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_small_hydro	NAN	newresolve
caiso_geothermal	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_geothermal	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_geothermal	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_geothermal	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_biomass	NAN	newresolve

caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_biomass	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec

caiso_biomass	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_small_hydro	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_biomass	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_battery	NAN	existinggeneric
caiso_biomass	NAN	existinggeneric
caiso_biomass	NAN	existinggeneric
caiso_coal	NAN	existinggeneric
caiso_chp	NAN	existinggeneric
caiso_ccgt1	NAN	existinggeneric
caiso_dr	NAN	existinggeneric
caiso_geothermal	NAN	existinggeneric
caiso_reciprocating_engine	NAN	existinggeneric
caiso_hydro	NAN	existinggeneric
caiso_hydro	NAN	existinggeneric
caiso_nuclear	NAN	existinggeneric
caiso_hydro	NAN	existinggeneric

caiso_peaker1	NAN	existinggeneric
caiso_pumped_hydro	NAN	existinggeneric
caiso_solar	NAN	existinggeneric
caiso_solar	NAN	existinggeneric
caiso_solar	NAN	existinggeneric
caiso_solar	NAN	existinggeneric
caiso_steam	NAN	existinggeneric
caiso_unknown	NAN	existinggeneric
caiso_wind	NAN	existinggeneric
caiso_loadmod	NAN	newloadmod
caiso_loadmod	NAN	newloadmod
caiso_loadmod	NAN	newloadmod
caiso_loadmod	NAN	newloadmod
caiso_loadmod	NAN	newloadmod
caiso_battery	NAN	newgeneric
caiso_biomass	NAN	newgeneric
caiso_biomass	NAN	newgeneric
caiso_coal	NAN	newgeneric
caiso_chp	NAN	newgeneric
caiso_ccgt1	NAN	newgeneric
caiso_dr	NAN	newgeneric
caiso_geothermal	NAN	newgeneric
caiso_reciprocating_engine	NAN	newgeneric
caiso_hydro	NAN	newgeneric
caiso_hydro	NAN	newgeneric
caiso_nuclear	NAN	newgeneric
caiso_hydro	NAN	newgeneric
caiso_peaker1	NAN	newgeneric
caiso_pumped_hydro	NAN	newgeneric
caiso_solar	NAN	newgeneric
caiso_solar	NAN	newgeneric
caiso_solar	NAN	newgeneric
caiso_solar	NAN	newgeneric
caiso_steam	NAN	newgeneric
caiso_unknown	NAN	newgeneric
caiso_wind	NAN	newgeneric
caiso_loadmod	NAN	newloadmod
suppliers_choice	NAN	supplierschoice
unspecified_non_import	NAN	unspecifiednonimport

elcc_type

utility_pv

utility_pv

utility_pv

utility_pv

geothermal

utility_pv

utility_pv

hydro

gas_ct

gas_cc

utility_pv

utility_pv

gas_cc

hr_batteries

steam

steam

steam

hydro

utility_pv

small_hydro

hr_batteries

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utility_pv

utility_pv

gas_ct

gas_ct

utility_pv

utility_pv

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hr_batteries

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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

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

contract_status	bool	yes_no	Year	int_count	transact	cap_areas	cap_sub_areas
Online	0	YES	NA	NA	Buy	Humboldt	North Coast Eagle Rock
Review	1	NO	1970	1	Sell	NorthCoastNorthBay	North Coast Fulton
PlannedExisting		NA	1971	2	Owned	Sierra	Sierra Placer
Development			1972	3		Stockton	Sierra Pease
PlannedNew			1973	4		GreaterBay	Sierra Gold Hill-Drum
			1974	5		GreaterFresno	Stockton Lockeford
			1975	6		Kern	Stockton Tesla-Bellota
			1976	7		BigCreekVentura	Greater Bay Llagas
			1977	8		LABasin	Greater Bay San Jose
			1978	9		SanDiegoImperialValley	Greater Bay South Bay Moss Landing
			1979	10		PacGE	Greater Bay Oakland
			1980	11		SCE	Greater Fresno Panoche
			1981	12		SDGE	Greater Fresno Herndon
			1982	13		AVA	Greater Fresno Hanford
			1983	14		AVRN	Greater Fresno Coalinga
			1984	15		AZPS	Greater Fresno Borden
			1985	16		BANC	Greater Fresno Reedley
			1986	17		BPAT	Kern Westpark
			1987	18		CHPD	Kern Kern Power-Tevis
			1988	19		CSTO	Kern Kern Oil
			1989	20		DEAA	Kern South Kern PP
			1990	21		DOPD	Big Creek/Ventura - Vest
			1991	22		EPE	Creek/Ventura - Santa C
			1992	23		GCPD	LA Basin Eastern
			1993	24		GRIF	LA Basin Western
			1994	25		GRIS	LA Basin El Nido
			1995	26		GRMA	Imperial Valley San
			1996	27		GWA	Imperial Valley El
			1997	28		HGMA	Imperial Valley Bc
			1998	29		IID	No_sub_area
			1999	30		IPCO	
			2000	31		LDWP	
			2001			NEVP	
			2002			NWMT	
			2003			PACE	
			2004			PACW	

2005	PortGE
2006	PNM
2007	PSCO
2008	PSEI
2009	SCL
2010	SRP
2011	SWPP
2012	TEPC
2013	TIDC
2014	TPWR
2015	WACM
2016	WALC
2017	WAUW
2018	WWA
2019	
2020	
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state_county	d1911016_tranches	d2106035_tranche	energy_capacity_from_resource
NA	NA	NA	EnergyCapacity
AlpineCounty	1	firm_ZE	EnergyOnly
AmadorCounty	1&2	firm_ZE_&_firm_ZE_ext	CapacityOnly
AlamedaCounty	2	firm_ZE_ext	
ButteCounty	2&3	general	
CalaverasCounty	1&3	general_&_firm_ZE	
ColusaCounty	3	general_&_firm_ZE_ext	
ContraCostaCounty	1&2&3	general_&_long_duration_storage	
DelNorteCounty		general_&_long_duration_storage_ext	
ElDoradoCounty		general_&_ZE_gen_paired_dr	
FresnoCounty		long_duration_storage	
GlennCounty		long_duration_storage_&_firm_ZE	
HumboldtCounty		long_duration_storage_&_firm_ZE_ext	
ImperialCounty		long_duration_storage_&_long_duration_storage_ext	
InyoCounty		long_duration_storage_ext	
KernCounty		long_duration_storage_ext_&_firm_ZE	
KingsCounty		long_duration_storage_ext_&_firm_ZE_ext	
LakeCounty		ZE_gen_paired_dr	
LassenCounty		ZE_gen_paired_dr_&_firm_ZE	
LosAngelesCounty		ZE_gen_paired_dr_&_firm_ZE_ext	
MaderaCounty		ZE_gen_paired_dr_&_long_duration_storage	
MarinCounty		ZE_gen_paired_dr_&_long_duration_storage_ext	
MariposaCounty			
MendocinoCounty			
MercedCounty			
ModocCounty			
MonoCounty			
MontereyCounty			
NapaCounty			
NevadaCounty			
OrangeCounty			
PlacerCounty			
PlumasCounty			
RiversideCounty			
SacramentoCounty			
SanBenitoCounty			

SanBernardinoCounty

SanDiegoCounty

SanFrancisco

SanJoaquinCounty

SanLuisObispoCounty

SanMateoCounty

SantaBarbaraCounty

SantaClaraCounty

SantaCruzCounty

ShastaCounty

SierraCounty

SiskiyouCounty

SolanoCounty

SonomaCounty

StanislausCounty

SutterCounty

TehamaCounty

TrinityCounty

TulareCounty

TuolumneCounty

VenturaCounty

YoloCounty

YubaCounty

Washington

Oregon

California

Idaho

Nevada

Utah

Arizona

Colorado

Wyoming

Montana

SouthDakota

NewMexico

Texas

BritishColumbiaCanada

AlbertaCanada

BajaCaliforniaMexico

is_hybrid_paired	csp_cat	solar_Technology_sub_type
NotHybrid	NA	Fixed
ExistingBiomassExistingStorage	Large Hydro (GWh)	SolarThermal
ExistingBiomassNewStorage	Imported Hydro (GWh)	1Axis
ExistingGeothermalExistingStorage	Asset Controlling Supplier (GWh)	2Axis
ExistingGeothermalNewStorage	Nuclear (GWh)	
ExistingSolarExistingStorage	Biogas (GWh)	
ExistingSolarNewStorage	Biomass (GWh)	
ExistingThermalExistingStorage	Geothermal (GWh)	
ExistingThermalNewStorage	Small Hydro (GWh)	
ExistingWindExistingStorage	Wind Baseline California (GWh)	
ExistingWindNewStorage	Wind New PG&E (GWh)	
NewBiomassExistingStorage	Wind New SCE SDG&E (GWh)	
NewBiomassNewStorage	Wind Pacific Northwest (GWh)	
NewGeothermalExistingStorage	Wind Wyoming (GWh)	
NewGeothermalNewStorage	Wind New Mexico (GWh)	
NewSolarExistingStorage	Wind Offshore Morro Bay (GWh)	
NewSolarNewStorage	Wind Offshore Humboldt (GWh)	
NewThermalExistingStorage	Solar Baseline California(GWh)	
NewThermalNewStorage	Solar New PG&E (GWh)	
NewWindExistingStorage	Solar New SCE SDG&E (GWh)	
NewWindNewStorage	Solar Distributed (GWh)	
	Hybrid_or_Paired_Solar_and_Battery (GWh)	
	Shed DR (MW)	
	Pumped Storage (MW)	
	Battery Storage (MWh Energy Capacity)	
	Storage Resource Custom Profile (MW)	
	RPS Resource Custom Profile (GWh)	
	GHG-free non-RPS Resource Custom Profile (GWh)	
	Coal (GWh)	

storage_Technology_sub_type	nqc_reporting_source	n_d1911016_vamo_pcia
Li	In the contract	CAM
Flow	Calculated	D.19-11-016
PSH		VAMO
Other		GHG-free PCIA

[illegible]

				30MMT ELCC (%)			
2032	2033	2034	2035	elcc_type	2024	2025	2026
7%	6%	5%	4%	in_state_wind_south	15%	15%	15%
15%	13%	11%	9%	in_state_wind_north	30%	30%	31%
32%	31%	31%	30%	out_of_state_wind_WYID	43%	39%	36%
20%	19%	19%	18%	out_of_state_wind_WAOR	26%	24%	22%
29%	28%	28%	27%	out_of_state_wind_AZNM	38%	35%	32%
49%	44%	38%	32%	offshore_wind	55%	51%	46%
7%	7%	7%	6%	utility_pv	10%	10%	11%
5%	5%	5%	6%	btm_pv	9%	9%	10%
69%	60%	50%	40%	4hr_batteries	89%	90%	92%
72%	64%	56%	47%	5hr_batteries	89%	90%	92%
75%	69%	62%	55%	6hr_batteries	89%	91%	92%
78%	73%	68%	62%	7hr_batteries	89%	91%	93%
81%	77%	73%	70%	8hr_batteries	89%	91%	93%
83%	80%	76%	73%	pumped_storage	89%	91%	93%
58%	43%	29%	14%	demand_response	89%	91%	92%
50%	48%	45%	43%	hydro	57%	56%	56%
36%	34%	32%	31%	small_hydro	41%	40%	40%
93%	93%	94%	95%	geothermal	86%	88%	89%
84%	85%	87%	88%	biomass_wood	79%	81%	83%
80%	82%	84%	86%	biogas	76%	78%	80%
94%	95%	95%	96%	nuclear	93%	94%	95%
87%	88%	90%	91%	gas_cc	85%	86%	88%
82%	83%	84%	85%	gas_ct	80%	82%	83%
93%	93%	93%	93%	cogen	90%	92%	95%
92%	91%	89%	88%	ice	93%	90%	87%
72%	75%	78%	81%	coal	69%	72%	74%
80%	82%	84%	87%	steam	78%	80%	82%
100%	100%	100%	100%	unspecified_import	100%	100%	100%

[illegible]

25MMT MRN/TRN ratio	2024	2025	2026	2027	2028	2029	2030
	0.77	0.79	0.80	0.78	0.75	0.76	0.77

2031	2032	2033	2034	2035
0.74	0.71	0.68	0.65	0.63

30MMT MRN/TRN ratio

2024
0.80

2025	2026	2027	2028	2029	2030	2031	2032	2033
0.82	0.84	0.80	0.76	0.74	0.72	0.70	0.68	0.67

2034

2035

0.65

0.63

				Capacity (MW)				
Service Ar Type	LSE CPUC	LSE Name		2024	2025	2026	2027	2028
PGE	IOU	PGE	Pacific Gas	2,484	2,671	2,859	3,056	3,257
PGE	ESP		Pacific Gas	1,044	1,116	1,189	1,264	1,342
PGE	CCA	3CE	Central Coa	421	452	484	518	553
PGE	CCA	CPSF	CleanPower	272	293	315	337	361
PGE	CCA	EBCE	East Bay Co	618	668	719	771	828
PGE	CCA	KCCP	King City Co	3	3	4	4	4
PGE	CCA	MCE	Marin Clean	528	564	601	640	683
PGE	CCA	PCEA	Peninsula C	317	339	365	394	426
PGE	CCA	PIONEER	Pioneer Cor	175	188	201	215	230
PGE	CCA	RCEA	Redwood C	62	66	71	76	80
PGE	CCA	SJCE	San José C	350	377	404	432	462
PGE	CCA	SVCEA	Silicon Valle	337	363	388	415	444
PGE	CCA	SOMA	Sonoma Cle	204	220	235	252	269
PGE	CCA	VCEA	Valley Clear	66	71	77	83	90
SCE	IOU	SCE	Southern Ca	3,046	3,286	3,536	3,798	4,068
SCE	ESP		Southern Ca	259	278	297	316	337
SCE	CCA	AVCE	Apple Valley	30	33	35	38	40
SCE	CCA	COBP	Baldwin Par	-	-	-	-	-
SCE	CCA	3CE	Central Coa	32	35	37	39	41
SCE	CCA	CPASC	Clean Powe	451	486	523	562	602
SCE	CCA	DCE	Desert Com	40	43	47	50	53
SCE	CCA	PALMDALE	Energy for F	36	39	42	45	48
SCE	CCA	LCE	Lancaster C	73	79	85	92	98
SCE	CCA	OCPA	Orange Cou	232	250	269	290	311
SCE	CCA	PRIME	Pico Rivera	9	10	10	11	12
SCE	CCA	POMONA	Pomona Ch	7	8	8	9	10
SCE	CCA	RMEA	Rancho Mir	44	48	51	55	59
SCE	CCA	SJP	San Jacinto	23	25	27	29	31
SCE	CCA	SBCE	Santa Barba	20	22	23	25	27
SCE	CCA	WCE	Western Co	-	-	-	-	-
SDGE	IOU	SDGE	San Diego C	438	468	500	533	565
SDGE	ESP		San Diego C	474	507	540	574	608
SDGE	CCA	CEA	Clean Energ	179	192	206	220	235
SDGE	CCA	OCPA	Orange Cou	20	22	23	25	27
SDGE	CCA	SDCP	San Diego C	955	1,026	1,099	1,175	1,251
BEAR	SMJ	BEAR	Bear Valley	7	7	8	8	9

2029	2030	2031	2032	2033	2034	2035
3,469	3,667	3,883	4,090	4,313	4,526	4,734
1,418	1,491	1,560	1,629	1,692	1,752	1,807
588	623	657	690	722	753	783
384	408	432	455	477	499	522
883	940	994	1,047	1,098	1,147	1,196
4	5	5	5	5	6	6
725	779	819	863	897	933	967
456	487	518	550	579	609	639
245	260	275	289	304	318	331
85	90	94	98	102	106	109
492	523	553	583	613	642	670
473	502	531	559	587	614	641
287	305	322	339	357	373	390
96	103	109	116	122	128	134
4,348	4,639	4,941	5,249	5,564	5,883	6,204
358	379	401	425	448	471	495
43	46	49	52	55	58	61
-	-	-	-	-	-	-
44	46	48	51	54	57	61
644	687	732	777	824	871	918
57	61	64	68	73	77	82
52	55	59	62	66	70	74
105	112	119	127	134	142	150
333	356	379	404	428	453	479
13	14	14	15	16	17	18
10	11	12	13	13	14	15
63	67	72	76	80	85	89
33	36	38	40	42	45	47
29	31	33	35	37	39	41
-	-	-	-	-	-	-
599	633	667	701	736	769	802
642	675	707	740	772	803	834
249	264	279	293	308	322	337
28	30	32	33	35	37	38
1,328	1,407	1,486	1,564	1,641	1,718	1,795
10	10	11	12	13	13	14

Reliability Need

CAISO gross peak (MW)
PRM (%)
CAISO total reliability need (TRN) (MW)
MRN/TRN ratio
CAISO marginal reliability need (MRN) (MW)
LSE managed peak share (%)
LSE MRN (MW)

BTM PV

Capacity (MW)

ELCC (%)

Resource Type
in_state_wind_south
in_state_wind_north
out_of_state_wind_WYID
out_of_state_wind_WAOR
out_of_state_wind_AZNM
offshore_wind
utility_pv
btm_pv
4hr_batteries
5hr_batteries
6hr_batteries
7hr_batteries
8hr_batteries
pumped_storage
demand_response
hydro
small_hydro
geothermal
biomass_wood
biogas
nuclear
gas_cc
gas_ct
cogen

ice
coal
steam
unspecified_import

Contract ELCC (effective MW)

Resource Type	Contract Status
hybrid	Online
in_state_wind_south	Online
in_state_wind_north	Online
out_of_state_wind_WYID	Online
out_of_state_wind_WAOR	Online
out_of_state_wind_AZNM	Online
offshore_wind	Online
utility_pv	Online
btm_pv	Online
4hr_batteries	Online
5hr_batteries	Online
6hr_batteries	Online
7hr_batteries	Online
8hr_batteries	Online
pumped_storage	Online
demand_response	Online
hydro	Online
small_hydro	Online
geothermal	Online
biomass_wood	Online
biogas	Online
nuclear	Online
gas_cc	Online
gas_ct	Online
cogen	Online
ice	Online
coal	Online
steam	Online
unspecified_import	Online
hybrid	Development
in_state_wind_south	Development
in_state_wind_north	Development
out_of_state_wind_WYID	Development
out_of_state_wind_WAOR	Development
out_of_state_wind_AZNM	Development
offshore_wind	Development
utility_pv	Development
btm_pv	Development

4hr_batteries	Development
5hr_batteries	Development
6hr_batteries	Development
7hr_batteries	Development
8hr_batteries	Development
pumped_storage	Development
demand_response	Development
hydro	Development
small_hydro	Development
geothermal	Development
biomass_wood	Development
biogas	Development
nuclear	Development
gas_cc	Development
gas_ct	Development
cogen	Development
ice	Development
coal	Development
steam	Development
unspecified_import	Development
hybrid	Review
in_state_wind_south	Review
in_state_wind_north	Review
out_of_state_wind_WYID	Review
out_of_state_wind_WAOR	Review
out_of_state_wind_AZNM	Review
offshore_wind	Review
utility_pv	Review
btm_pv	Review
4hr_batteries	Review
5hr_batteries	Review
6hr_batteries	Review
7hr_batteries	Review
8hr_batteries	Review
pumped_storage	Review
demand_response	Review
hydro	Review
small_hydro	Review
geothermal	Review
biomass_wood	Review
biogas	Review
nuclear	Review
gas_cc	Review
gas_ct	Review
cogen	Review
ice	Review
coal	Review

steam	Review
unspecified_import	Review
hybrid	PlannedExisting
in_state_wind_south	PlannedExisting
in_state_wind_north	PlannedExisting
out_of_state_wind_WYID	PlannedExisting
out_of_state_wind_WAOR	PlannedExisting
out_of_state_wind_AZNM	PlannedExisting
offshore_wind	PlannedExisting
utility_pv	PlannedExisting
btm_pv	PlannedExisting
4hr_batteries	PlannedExisting
5hr_batteries	PlannedExisting
6hr_batteries	PlannedExisting
7hr_batteries	PlannedExisting
8hr_batteries	PlannedExisting
pumped_storage	PlannedExisting
demand_response	PlannedExisting
hydro	PlannedExisting
small_hydro	PlannedExisting
geothermal	PlannedExisting
biomass_wood	PlannedExisting
biogas	PlannedExisting
nuclear	PlannedExisting
gas_cc	PlannedExisting
gas_ct	PlannedExisting
cogen	PlannedExisting
ice	PlannedExisting
coal	PlannedExisting
steam	PlannedExisting
unspecified_import	PlannedExisting
hybrid	PlannedNew
in_state_wind_south	PlannedNew
in_state_wind_north	PlannedNew
out_of_state_wind_WYID	PlannedNew
out_of_state_wind_WAOR	PlannedNew
out_of_state_wind_AZNM	PlannedNew
offshore_wind	PlannedNew
utility_pv	PlannedNew
btm_pv	PlannedNew
4hr_batteries	PlannedNew
5hr_batteries	PlannedNew
6hr_batteries	PlannedNew
7hr_batteries	PlannedNew
8hr_batteries	PlannedNew
pumped_storage	PlannedNew
demand_response	PlannedNew

hydro	PlannedNew
small_hydro	PlannedNew
geothermal	PlannedNew
biomass_wood	PlannedNew
biogas	PlannedNew
nuclear	PlannedNew
gas_cc	PlannedNew
gas_ct	PlannedNew
cogen	PlannedNew
ice	PlannedNew
coal	PlannedNew
steam	PlannedNew
unspecified_import	PlannedNew
LSE total supply (effective MW)	

Load and Resource Table by Resource Type

LSE reliability need (MW)

ELCC by resource type (effective MW)

hybrid
 in_state_wind_south
 in_state_wind_north
 out_of_state_wind_WYID
 out_of_state_wind_WAOR
 out_of_state_wind_AZNM
 offshore_wind
 utility_pv
 btm_pv
 4hr_batteries
 5hr_batteries
 6hr_batteries
 7hr_batteries
 8hr_batteries
 pumped_storage
 demand_response
 hydro
 small_hydro
 geothermal
 biomass_wood
 biogas
 nuclear
 gas_cc
 gas_ct
 cogen
 ice

coal
steam
unspecified_import

LSE total supply (effective MW)

Net capacity position (+ve = excess, -ve = shortfall) (effective MW)

Load and Resource Table by Contract Status

LSE reliability need (MW)

ELCC by contract status (effective MW)

Online

Development

Review

PlannedExisting

PlannedNew

BTM PV

LSE total supply (effective MW)

Net capacity position (+ve = excess, -ve = shortfall) (effective MW)

2024	2025	2026	2027	2028	2029	2030	2031
53,530	54,113	54,769	55,494	56,125	56,797	57,454	58,178
14%	14%	14%	14%	14%	14%	14%	14%
61,024	61,689	62,437	63,263	63,983	64,749	65,498	66,323
0.80	0.82	0.84	0.80	0.76	0.74	0.72	0.70
48,838	50,521	52,204	50,322	48,441	47,702	46,964	46,372

-	-	-	-	-	-	-	-
---	---	---	---	---	---	---	---

2024	2025	2026	2027	2028	2029	2030	2031

2024	2025	2026	2027	2028	2029	2030	2031
15%	15%	15%	12%	8%	8%	8%	7%
30%	30%	31%	24%	17%	17%	16%	15%
43%	39%	36%	37%	39%	31%	24%	25%
26%	24%	22%	23%	24%	19%	14%	15%
38%	35%	32%	34%	35%	28%	21%	22%
55%	51%	46%	49%	51%	47%	43%	40%
10%	10%	11%	10%	9%	8%	6%	6%
9%	9%	10%	8%	7%	6%	5%	5%
89%	90%	92%	85%	77%	76%	75%	68%
89%	90%	92%	86%	80%	78%	77%	71%
89%	91%	92%	87%	82%	81%	80%	75%
89%	91%	93%	89%	84%	83%	82%	78%
89%	91%	93%	90%	87%	86%	85%	82%
89%	91%	93%	91%	89%	89%	89%	86%
89%	91%	92%	77%	62%	61%	59%	50%
57%	56%	56%	53%	50%	49%	48%	47%
41%	40%	40%	38%	36%	35%	35%	34%
86%	88%	89.25%	91%	93%	92%	92%	93%
79%	81%	83%	83%	83%	82%	82%	83%
76%	78%	80%	80%	79%	78%	77%	79%
93%	94%	95%	94%	94%	94%	93%	94%
85%	86%	88%	87%	87%	86%	85%	86%
80%	82%	83%	83%	82%	81%	79%	80%
90%	92%	95%	92%	89%	89%	89%	90%

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
55	56	58	55	50	48	47	43
55	56	58	55	50	48	47	43

2024	2025	2026	2027	2028	2029	2030	2031
-	-	-	-	-	-	-	-
2	2	2	1	1	1	1	1
53	54	57	54	49	47	46	42
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
55	56	58	55	50	48	47	43
55	56	58	55	50	48	47	43

2032	2033	2034	2035
58,827	59,511	60,161	60,803
14%	14%	14%	14%
67,063	67,843	68,584	69,315
0.68	0.67	0.65	0.63
45,780	45,188	44,596	44,005

-	-	-	-
---	---	---	---

2032	2033	2034	2035

2032	2033	2034	2035
7%	6%	5%	4%
13%	12%	10%	9%
26%	27%	29%	30%
16%	17%	18%	18%
24%	25%	26%	27%
38%	36%	34%	32%
6%	6%	6%	6%
5%	5%	5%	6%
61%	54%	47%	40%
65%	59%	53%	47%
70%	65%	60%	55%
74%	70%	66%	62%
79%	76%	73%	70%
83%	80%	76%	73%
41%	32%	23%	14%
46%	45%	44%	43%
33%	32%	32%	31%
93%	94%	95%	95%
85%	86%	88%	89%
81%	83%	85%	87%
95%	95%	96%	96%
88%	89%	90%	91%
81%	82%	83%	84%
90%	91%	92%	93%

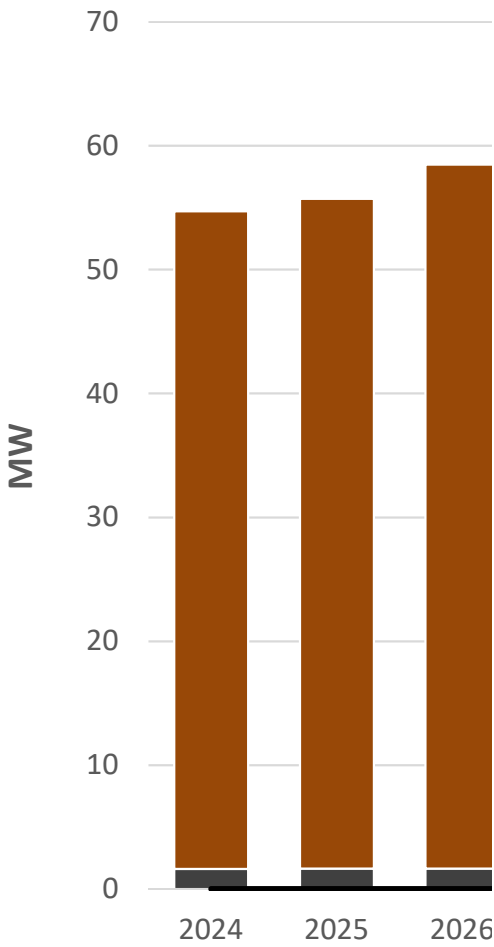
89%	88%	87%	86%
74%	77%	80%	83%
82%	84%	86%	88%
100%	100%	100%	100%

[illegible]

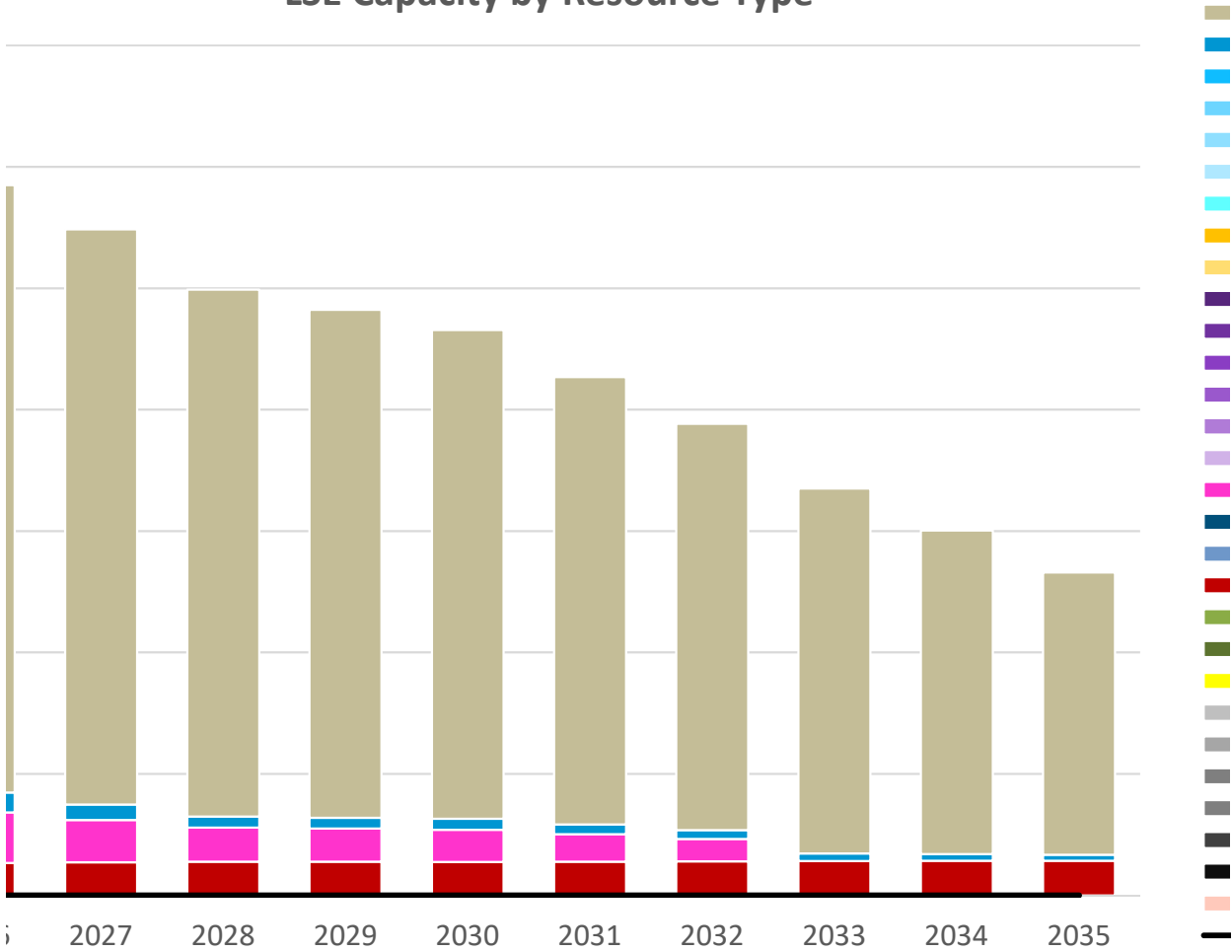
[illegible]

-	-	-	-
-	-	-	-
-	-	-	-
39	34	30	27
39	34	30	27

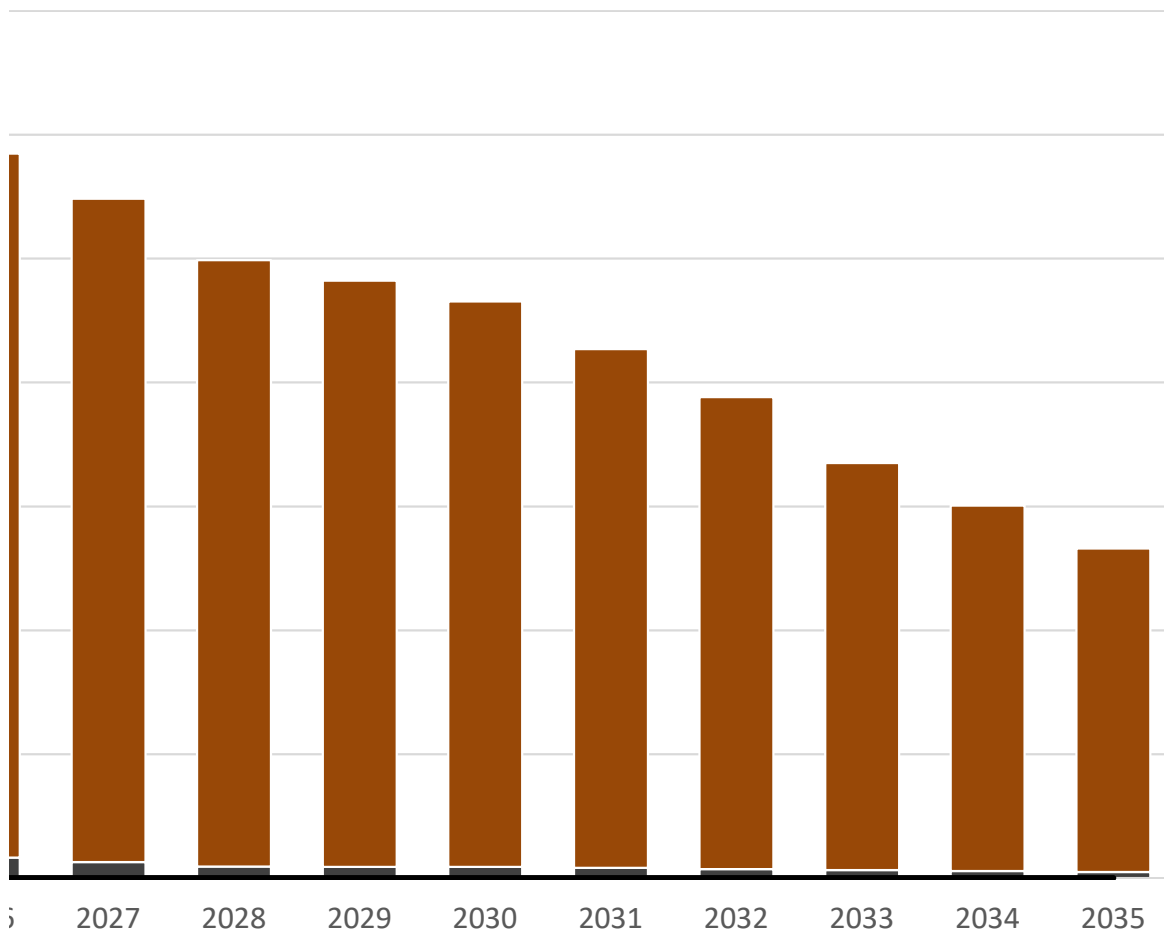
2032	2033	2034	2035
-	-	-	-
1	1	1	0
38	33	29	26
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
39	34	30	27
39	34	30	27



LSE Capacity by Resource Type



LSE Capacity by Contract Status



hybrid
in_state_wind_south
in_state_wind_north
out_of_state_wind_WYID
out_of_state_wind_WAOR
out_of_state_wind_AZNM
offshore_wind
utility_pv
btm_pv
4hr_batteries
5hr_batteries
6hr_batteries
7hr_batteries
8hr_batteries
pumped_storage
demand_response
hydro
small_hydro
geothermal
biomass_wood
biogas
nuclear
gas_cc
gas_ct
cogen
ice
coal
steam
unspecified_import
— LSE reliability need (MW)



Resource	2024	2026	2030	2035
Large Hydro	-	-	-	-
Imported Hydro	-	-	-	-
Asset Controlling Supplier	-	-	-	-
Nuclear	-	-	-	-
Biogas	-	-	-	-
Biomass	-	-	-	-
Geothermal	-	-	-	-
Small Hydro	-	-	-	-
Wind Resources				
Wind Baseline California	-	-	-	-
Wind New PG&E	-	-	-	-
Wind New SCE SDG&E	-	-	-	-
Wind Pacific Northwest	-	-	-	-
Wind Wyoming	-	-	-	-
Wind New Mexico	-	-	-	-
Wind Offshore Morro Bay	-	-	-	-
Wind Offshore Humboldt	-	-	-	-
Solar Resources				
Solar Baseline California	-	-	-	-
Solar New PG&E	-	-	-	-
Solar New SCE SDG&E	-	-	-	-
Solar Distributed	-	-	-	-
Hybrid				
Hybrid_or_Paired_Solar_and_Battery	-	-	-	-
Storage & DR				
Shed DR	-	-	-	-
Pumped Storage	-	-	-	-
Battery Storage	-	-	-	-
User-Specified Profiles				
Storage Resource Custom Profile	-	-	-	-
RPS Resource Custom Profile	-	-	-	-
GHG-free non-RPS Resource	-	-	-	-
Coal				
Coal	-	-	-	-

Units	Type
GWh	GHG-Free
GWh	GHG-Free
GWh	GHG-Free (Partial)
GWh	GHG-Free
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
MW	GHG-Free
MW	n/a
MWh Energy Capacity	n/a
MW	n/a
GWh	RPS Eligible
GWh	GHG-Free
GWh	n/a

Duplicated Contract IDs: **Entry with non-positive values:** **Invalid resource error rows:**

Rows missing required project viability associated data:

Rows missing required hybrid associated data: Supertype Contract Status Error or Null Rows:

Transaction counterparty error rows: Rows missing CSP GWh:

Rows with invalid buying_energy_capacity and csp_resource_category: Rows missing MTR NQC:

Warning-total capacity is equal to or greater then generator plus storage MWs for rows:

ReleaseVersion	rdtv3
ReleaseDate	23-Sep-22

In order to run the macro, LSEs must FIRST enable macros. Then, they are instructed to complete the RDT data entry fully, then push the button on the README tab.

ReleaseVersion	ReleaseDate	ID
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RDTv3 beta 6/6/2022

RDTv3 Release 6/15/2022

RDTv3 Updated 6/20/2022

RDTv3 Updated 7/15/2022

RDTv3 Updated 7/29/2022

RDTv3 Updated 8/23/2022

RDTv3 Updated 9/23/2022

RDTv3 Updated 10/11/2022

Note

Minor updates in columns' names

Reliability tabs updates & some minor updates to the resource tab

- 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
- 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, *Rows with invalid buying_energy_capacity and csp_resource_category*; flags contracts with non-storage CSP resources is marked as CapacityOnly and is marked as CSP.
- 4) "ReportSheet" tab: summation now includes contracts that are both "Buy" and "Owned"
- 1) corrects made to macro
- 2) fixes the ELCC type issues for a few generic resources
- 1) corrects made to the "CSPReportSheet"

lse_unique_contract_id	resource	alternative_resource_name	contract_status	project_interconnection_position	interconnection_substation	marginal_addition	marginal_addition_to	total_nameplate_capacity	contracted_nameplate_capacity	sep_contracted_mw_nqc	contract_gwh_annual	is_hybrid_paired	can_charge_from_grid
DCE_PPA_CoachellaHills	GARNET_2_COAWDZ	Coachella Hills II	Online	WOT-1384	NA	NA		11	11	1	36	NewSolarNewStorage	NO
DCE_PPA_DeerCreek	_NEW_GENERIC_SOLAR_LIAMS	Deer Creek Solar	Development		NA	NA		50	50	50	181		
DCE_PPA_Fervo	_NEW_GENERIC_GEOTHERMAL	Fervo Geothermal	Development		NA	NA		20	3	3	25		
DCE_BAONLY_OhmConnect	_NEW_GENERIC_DR	OhmConnect Demand Response	Development		NA	NA		15	5	5	0		

total_generator_mw	contracted_generator_mw	total_storage_mwh	contracted_storage_mwh	solar_technology_sub_type	storage_technology_sub_type	total_storage_depth_mwh	contracted_storage_depth_mwh	viability_cod_reasonableness	viability_technical_feasibility	viability_financing_sitecontrol	resource_mix	d1911016_vamo_ghgfre	buy_sell_own
50	50	50	50	1Axis	Li	200	200	2 2 2	2 2 2	5 5 5			Buy Buy Buy Buy

counterparty	generator_supplier	developer_name	capacity_area	capacity_sub_area	cpuc_approval_ref	county	COD_year	COD_month	COD_day	contract_start_date_year	contract_start_date_month	contract_start_date_day	contract_end_date_year	contract_end_date_month	contract_end_date_day	contract_execution_date_year
non-LSE supplier		Coachella Winds Holding, LLC	LABasin	LA Basin Eastern	NA	RiversideCounty	2021	5	4	2021	5	4	2035	12	31	2021
non-LSE supplier		Deer Creek Solar I LLC	SCE	No_sub_area	NA	TulareCounty	2024	5	1	2024	5	1	2044	12	31	2021
non-LSE supplier		Cage Generating Station 1 LLC	PACE	No_sub_area	NA	Utah	2026	6	1	2026	6	1	2041	5	30	2022
non-LSE supplier		Resi Station, LLC	SCE	No_sub_area	NA	California	2023	1	1	2023	1	1	2032	12	31	2022

contract_execution_date_month	contract_execution_date_day	tx_upgrades	tx_upgrade_date_year	tx_upgrade_date_month	tx_upgrade_date_day	tx_upgrade_description	d1911016_tranche	d2106035_procurement_cat	mtr_tranche1_NQC	mtr_tranche2_NQC	mtr_tranche3_NQC	mtr_tranche4_NQC_LDES	mtr_tranche4_NQC_firm_ZE	mtr_NQC_ZE_gen_paired_dr	previous_COD_year	previous_COD_month	previous_COD_day
1	8	NA					NA	ZE_gen_paired_dr	1	50				1	2023	12	31
4	19	NO					NA	ZE_gen_paired_dr						50			
9	29	YES	2026	6	1	Network Upgrades	NA	firm_ZE					3	3			
7	3	NO					NA	ZE_gen_paired_dr	5					5			

remediation_plan	signed_contract	notice_to_proceed	public_contract	buying_energy_capacity	NQC_reporting_source	procurement_origin	csp_resource_category	csp_annual_2024	csp_annual_2026	csp_annual_2030	csp_annual_2035	macro_supertype	notes
NA	YES		YES	EnergyCapacity	Calculated	RPS						physical	
NA	YES		YES	EnergyCapacity	Calculated	RPS						newgeneric	
NA	YES		YES	EnergyCapacity	Calculated	RPS, D2106035						newgeneric	
NA	YES		YES	CapacityOnly	In the contract	D2106035						newgeneric	

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resource	generator_name
7STDRD_1_SOLAR1	SHAFTER_SOLAR
ACACIA_6_SOLAR	WEST_ANTELOPE_SOLAR
ADELANTO_SOLAR	NAN
ADERA_1_SOLAR1	ADERA_SOLAR
ADLIN_1_UNITS	GEYSERS_AIDLIN_AGGREGATE
ADMEST_6_SOLAR	ADAMS_EAST
ADOBEE_1_SOLAR	ADOBE_SOLAR
AGCANA_X_HOOVER	HOOVER_POWER_PLANT
AGRICO_6_PL3N5	FRESNO_PEAKE
AGRICO_7_UNIT	FRESNO_COGEN
AGUCAL_5_SOLAR1	AGUA_CALIENTE_SOLAR
AKINGS_6_AMESR1	AMERICAN_KINGS_SOLAR
ALAMIT_2_PL1X3	ALAMITOS_ENERGY_CENTER_UNIT_7
ALAMIT_7_ES1	ALAMITOS_ENERGY_STORAGE
ALAMIT_7_UNIT_3	ALAMITOS_GEN_STA._UNIT_3
ALAMIT_7_UNIT_4	ALAMITOS_GEN_STA._UNIT_4
ALAMIT_7_UNIT_5	ALAMITOS_GEN_STA._UNIT_5
ALAMO_6_UNIT	ALAMO_POWER_PLANT
ALHMBR_1_ALHSLR	SG_ALHAMBRA
ALLGNY_6_HYDRO1	SALMON_CREEK_HYDROELECTRIC_PROJECT
ALMASL_2_AL6BT6	MAVERICK6STORAGE
ALMASL_2_GS1SR1	ALMASOL_GENERATING_STATION_1
ALMASL_2_GS4SR4	ALMASOL_GENERATING_STATION_4
ALMASL_2_GS6SR6	ALMASOL_GENERATING_STATION_6
ALMASL_2_GS7SR7	ALMASOL_GENERATING_STATION_7
ALMEGT_1_UNIT_1	ALAMEDA_GT_UNIT_1
ALMEGT_1_UNIT_2	ALAMEDA_GT_UNIT_2
ALPSLR_1_NTHSLR	ALPAUGH_NORTH,_LLC
ALPSLR_1_SPSSLR	ALPAUGH_50_LLC
ALT6DN_2_WIND7	PINYON_PINES_1
ALT6DS_2_WIND9	PINYON_PINES_2
ALTA3A_2_CPCE4	ALTA_WIND_4
ALTA3A_2_CPCE5	ALTA_WIND_5
ALTA3A_2_CPCE8	ALTA_WIND_8
ALTA4A_2_CPCW1	ALTA_WIND_1
ALTA4B_2_CPCW2	ALTA_WIND_2
ALTA4B_2_CPCW3	ALTA_WIND_3
ALTA4B_2_CPCW6	MUSTANG_HILLS
ALTA6B_2_WIND11	ALTA_WIND_11
ALTA6E_2_WIND10	ALTA_WIND_10
ALTAGASSTORAGE	NAN
ALTWD_1_QF	NAN
ALTWD_2_AT3WD3	ALTECH_3
ALTWD_2_COAWD1	COACHELLA_1
ANAHM_2_CANYN1	CANYON_POWER_PLANT_UNIT_1
ANAHM_2_CANYN2	CANYON_POWER_PLANT_UNIT_2

ANAHM_2_CANYN3
ANAHM_2_CANYN4
ANAHM_7_CT
ANTLPE_2_QF
ANZA_6_SOLAR1
APEX_CC
APLHIL_1_SFKHY1
APLHIL_1_SLABCK
AQUAWS_2_AQWSR1
ARATINASOLAR
ARATINASTORAGE
ARBWD_6_QF
ARCOGN_2_UNITS
ARKANS_1_ARKSLR
ARLINT_5_SCEDYN
ARLNTN_2_AR1SR1
ARLNTN_2_ASUSR1
ARLVAL_5_SOLAR
ARVINN_6_ORION1
ARVINN_6_ORION2
ASTORA_2_SOLAR1
ASTORA_2_SOLAR2
ATHOS_5_AP1X2
ATHOS_5_AP2X2
ATWEL2_1_SOLAR1
ATWELL_1_SOLAR
AVENAL_6_AVPARK
AVENAL_6_AVSLR1
AVENAL_6_AVSLR2
AVENAL_6_SANDDG
AVENAL_6_SUNCTY
AVSOLR_2_SOLAR
AZALEASOLAR
AZALEASTORAGE
BAHIA_2_LKHSR1
BALCHS_7_UNIT 1
BALCHS_7_UNIT 2
BALCHS_7_UNIT 3
BANGOR_6_HYDRO
BANKPP_2_NSPIN
BARRE_2_QF
BARRE_6_PEAKEK
BASICE_2_UNITS
BCTSYS_5_PWXDYN
BDGRCK_1_UNITS
BEACON_SOLAR_B
BEARDS_7_UNIT 1

CANYON_POWER_PLANT_UNIT_3
CANYON_POWER_PLANT_UNIT_4
NAN
ANTELOPE QFS
SEVILLE SOLAR ONE
NAN
SOUTH FORK POWERHOUSE
SLAB CREEK HYDRO
Aquamarine Westside
NAN
NAN
WIND RESOURCE II
WATSON COGENERATION
SG ARKANSAS
ARLINGTON VALLEY CC
Arlington
Arlington Solar 1
ARLINGTON VALLEY SOLAR ENERGY II
ORION 1 SOLAR
ORION 2 SOLAR
ASTORIA 1
ASTORIA 2
INTERSECTSOLAR
Athos Power Plant 2
ATWELL WEST
ATWELL ISLAND PV SOLAR GENERATING FAC
AVENAL PARK SOLAR PROJECT
AVENAL SOLAR 1
AVENAL SOLAR 2
SAND DRAG SOLAR PROJECT
SUN CITY SOLAR PROJECT
AV SOLAR RANCH 1
NAN
NAN
LAKE HERMAN SOLAR
BALCH 1 PH UNIT 1
BALCH 2 PH UNIT 2
BALCH 2 PH UNIT 3
VIRGINIA RANCH DAM POWERPLANT
BANKPP_2_NSPIN
BARRE QFS
BARRE PEAKEK
KING CITY COGEN
BCTSYS_5_PWXDYN
BADGER CREEK LIMITED
NAN
BEARDSLEY HYDRO

BEARMT_1_UNIT
BEJNLS_5_BV2SCEDYN
BEKWJS_5_BV1SCEDYN
BELDEN_7_UNIT 1
BELLEVUESOLARINV1
BGSKYN_2_AS2SR1
BGSKYN_2_ASPSR2
BGSKYN_2_ASSR1B
BGSKYN_2_ASSR3A
BGSKYN_2_ASSR3B
BGSKYN_2_BS3SR3
BIGBEAUSTORAGE
BIGCRK_2_EXESWD
BIGCRK_7_DAM7
BIGCRK_7_MAMRES
BIGSKY_2_AS2BT1
BIGSKY_2_AS1BT2
BIGSKY_2_BSKSR6
BIGSKY_2_BSKSR7
BIGSKY_2_BSKSR8
BIGSKY_2_SOLAR1
BIGSKY_2_SOLAR2
BIGSKY_2_SOLAR3
BIGSKY_2_SOLAR4
BIGSKY_2_SOLAR5
BIGSKY_2_SOLAR6
BIGSKY_2_SOLAR7
BIGSKY1
BIGSKY2
BIOMAS_1_UNIT 1
BIOMASSONEGE1
BISHOP_1_ALAMO
BISHOP_1_UNITS
BKRFLD_2_SOLAR1
BLACK_7_UNIT 1
BLACK_7_UNIT 2
BLACK_WALNUT
BLAST_1_WIND
BLCKBT_2_STONEY
BLCKWL_6_SOLAR1
BLKCRK_2_GMCBT1
BLKCRK_2_SOLAR1
BLKDIA_2_BDEBT1
BLM W_2_COSBT1
BLM_2_UNITS
BLUE_MOUNTAIN_ELECTRIC_COMPANY
BLULKE_6_BLUELK

BEAR MOUNTAIN LIMITED
BROADVIEW 2
BROADVIEW 1
BELDEN HYDRO
NAN
ANTELOPE SOLAR 2
ANTELOPE SOLAR 2 SAN PABLO
Antelope Solar 1B
ANTELOPE SOLAR 3A
ANTELOPE SOLAR 3B
BIG SKY SOLAR 3
NAN
BIG CREEK HYDRO PROJECT PSP
DAM 7 AT BIG CREEK (FISHWATER GEN)
MAMMOTH POOL RESERVOIR (FISHWATER
Antelope Solar 2 LAB
ANTELOPE SOLAR 2 LUNA
BIG SKY SOLAR 6
BIG SKY SOLAR 7
BIG SKY SOLAR 8
ANTELOPE BIG SKY RANCH
BIG SKY SOLAR 4
BIG SKY SUMMER
WESTERN ANTELOPE BLUE SKY RANCH B
BIG SKY SOLAR 2
SOLVERDE 1
BIG SKY SOLAR 1
NAN
NAN
WOODLAND BIOMASS
NAN
BISHOP CREEK PLANT 2 AND 6
BISHOP CREEK PLANT 3 AND 4
BAKERSFIELD 111
JAMES B. BLACK 1
JAMES B. BLACK 2
NAN
MOUNTAIN VIEW IV WIND
BLACK BUTTE HYDRO
BLACKWELL SOLAR
GENESIS MCCOY BESS
MCCOY STATION
BLACK DIAMOND ENERGY STORAGE
COSOSTORAGE
BLM EAST FACILITY
NAN
NAN

BLYTHE_1_SOLAR1
BLYTHE_1_SOLAR2
BLYTHESTORAGE1
BNNIEN_7_ALTAPH
BOGUE_1_UNITA1
BORDER_6_UNITA1
BOWMN_6_HYDRO
BRDGLV_7_BAKER
BRDSLD_2_HIWIND
BRDSLD_2_MZUM2
BRDSLD_2_MZUMA
BRDSLD_2_SHILO1
BRDSLD_2_SHILO2
BRDSLD_2_SHLO3A
BRDSLD_2_SHLO3B
BREGGO_6_DEGRSL
BREGGO_6_SOLAR
BRODIE_2_WIND
BUCKBL_2_PL1X3
BUCKCK_2_HYDRO
BUCKCK_7_OAKFLT
BUCKCK_7_PL1X2
BUCKWD_1_NPALM1
BUCKWD_1_QF
BUCKWD_7_WINTCV
BURNYF_2_UNIT 1
BUTTVL_7_UNIT 1
CABALO_2_M2BSR1
CABALO_2_M2WSR2
CABZON_1_WINDA1
CALFTN_2_CFSBT1
CALFTN_2_SOLAR
CALFTS_2_CFSSR1
CALGEN_1_UNITS
CALPIN_1_AGNEW
CALPSS_6_SOLAR1
CAMCHE_1_PL1X3
CAMDEN_6_RDDBM1
CAMERON
CAMLOT_2_SOLAR1
CAMLOT_2_SOLAR2
CAMPFW_7_FARWST
CANTUA_1_SOLAR
CAPWD_1_QF
CARBOU_7_PL2X3
CARBOU_7_PL4X5
CARBOU_7_UNIT 1

BLYTHE SOLAR 1 PROJECT
BLYTHE GREEN 1
NAN
ALTA POWER HOUSE
FEATHER RIVER ENERGY CENTER, UNIT #1
CALPEAK POWER BORDER UNIT 1
NID HYDRO BOWMAN POWERHOUSE
BAKER STATION HYDRO
HIGH WINDS ENERGY CENTER
NEXTERA ENERGY MONTEZUMA WIND II
FPL ENERGY MONTEZUMA WIND
SHILOH I WIND PROJECT
SHILOH WIND PROJECT 2
SHILOH III WIND PROJECT, LLC
SHILOH IV WIND PROJECT
DESERT GREEN SOLAR FARM
NRG BORREGO SOLAR ONE
CORAM BRODIE WIND PROJECT
BLYTHE ENERGY CENTER
LASSEN STATION HYDRO
OAK FLAT
BUCKS CREEK AGGREGATE
NORTH PALM SPRINGS 1A
BUCKWIND RE-POWERING PROJECT
WINTEC ENERGY, LTD.
BURNEY FOREST POWER
BUTT VALLEY HYDRO
MUSTANG 2 BARBARO SOLAR
MUSTANG 2 WHIRLAWAY SOLAR
CABAZON WIND PROJECT
California Flats Storage
CALIFORNIA FLATS NORTH
CALIFORNIA FLATS SOLAR SOUTH
COSO NAVY 1
AGNEWS POWER PLANT
CALIPATRIA SOLAR FARM
CAMANCHE UNITS 1, 2 & 3 AGGREGATE
RUANN DAIRY DIGESTER BIOMAT
NAN
CAMELOT
COLUMBIA TWO
CAMP FAR WEST HYDRO
CANTUA SOLAR STATION
EDOM HILLS WIND FARM
CARIBOU PH 1 UNIT 2 & 3 AGGREGATE
CARIBOU PH 2 UNIT 4 & 5 AGGREGATE
CARIBOU PH 1 UNIT 1

CARGILLB6BIO1	NAN
CARGILLB6BIO2	NAN
CARLS1_2_CARCT1	CARLSBAD 1
CARLS2_1_CARCT1	CARLSBAD 2
CARSON_ICE_CC	NAN
CARSON_ICE_PEAKER	NAN
CASADB_1_CD4GT1	NAN
CASCADESTORAGE	NAN
CASTAIC_1	NAN
CASTAIC_2	NAN
CASTAIC_3	NAN
CASTAIC_4	NAN
CASTAIC_5	NAN
CASTAIC_6	NAN
CASTVL_2_FCELL	NAN
CATLNA_2_SOLAR	CATALINA SOLAR - PHASES 1 AND 2
CATLNA_2_SOLAR2	CATALINA SOLAR 2
CAVLSR_2_BSOLAR	CALIFORNIA VALLEY SOLAR RANCH-PHASE B
CAVLSR_2_RSOLAR	CALIFORNIA VALLEY SOLAR RANCH-PHASE A
CAYTNO_2_VASCO	VASCO ROAD
CDWR07_2_GEN	CDWR07_2_GEN
CEDRCK_6_UNIT	WATER WHEEL RANCH
CEDUCR_2_SOLAR1	DUCOR SOLAR 1
CEDUCR_2_SOLAR2	DUCOR SOLAR 2
CEDUCR_2_SOLAR3	DUCOR SOLAR 3
CEDUCR_2_SOLAR4	DUCOR SOLAR 4
CENT40_1_C40SR1	CENTRAL 40
CENTER_2_RHONDO	MWD RIO HONDO HYDROELECTRIC RECOVER
CENTER_2_SOLAR1	PICO RIVERA
CENTER_2_TECNG1	TECHNICAST
CENTER_6_PEAKER	CENTER PEAKER
CENTRY_6_PL1X4	CENTURY GENERATING PLANT (AGGREGATE
CHALANSOLAR	NAN
CHALANSTORAGE	NAN
CHALK_1_UNIT	CHALK CLIFF LIMITED
CHARMN_2_PGONG1	PROCTER AND GAMBLE OXNARD I
CHEVCD_6_UNIT	CHEVRON USA (TAFT/CADET)
CHEVCO_6_UNIT 1	CHEVRON USA (COALINGA)
CHEVCO_6_UNIT 2	AERA ENERGY LLC. (COALINGA)
CHEVCY_1_UNIT	CHEVRON USA (CYMRIC)
CHEVMN_2_UNITS	CHEVRON U.S.A. UNITS 1 & 2 AGGREGATE
CHICPK_7_UNIT 1	CHICAGO PARK POWERHOUSE
CHILLS_1_SYCENG	SYCAMORE ENERGY 1
CHILLS_7_UNITA1	SYCAMORE ENERGY 2
CHINO_2_APEBT1	POMONA ENERGY STORAGE
CHINO_2_JURUPA	JURUPA
CHINO_2_QF	CHINO QFS

CHINO_2_SASOLR
CHINO_2_SOLAR
CHINO_2_SOLAR2
CHINO_6_CIMGEN
CHINO_6_SMPPAP
CHINO_7_MILIKN
CHWCHL_1_BIOMAS
CHWCHL_1_UNIT
CLINESCO_3_PVDYN
CLINESCO_3_WBDYN
CLOVDL_1_SOLAR
CLOVER_2_UNIT
CLRKR_6_LIMESD
CLRM_1_QF
CNTNLA_2_SOLAR1
CNTNLA_2_SOLAR2
CNTRVL_6_UNIT
COACHELLA_1
COACHELLA_2
COACHELLA_3
COACHELLA_4
COACHELLA_BATTERY
COACHELLAWIND
COCOPP_2_CTG1
COCOPP_2_CTG2
COCOPP_2_CTG3
COCOPP_2_CTG4
COCOSB_6_SOLAR
COGNAT_1_UNIT
COLEMN_2_UNIT
COLGAT_7_UNIT 1
COLGAT_7_UNIT 2
COLGNS_2_CNSSR1
COLPIN_6_COLLNS
COLTON_6_AGUAM1
COLUSA_2_PL1X3
COLVIL_7_PL1X2
CONTRL_1_CASAD1
CONTRL_1_CASAD2
CONTRL_1_CASAD3
CONTRL_1_LUNDY
CONTRL_1_OXBOW
CONTRL_1_POOLE
CONTRL_1_QF
CONTRL_1_RUSHCK
COPMT2_2_SOLAR2
COPMT4_2_SOLAR4

SS SAN ANTONIO WEST LLC
CHINO RT SOLAR 1
KONA SOLAR - TERRA FRANCESCA
CHINO CO-GENERATION
NAN
MN MILLIKEN GENCO LLC
CHOW II BIOMASS TO ENERGY
CHOW 2 PEAKER PLANT
CLINES CORNERS
CLINES CORNERS B
CLOVERDALE SOLAR I
CLOVER CREEK
LIME SADDLE HYDRO
SMALL QF AGGREGATION - OAKLAND
CENTINELA SOLAR ENERGY I
CENTINELS SOLAR ENERGY 2
CENTERVILLE
NAN
NAN
NAN
NAN
NAN
NAN
MARSH LANDING 1
MARSH LANDING 2
MARSH LANDING 3
MARSH LANDING 4
OAKLEY SOLAR PROJECT
STOCKTON BIOMAS
COLEMAN
COLGATE POWERHOUSE UNIT 1
COLGATE POWERHOUSE UNIT 2
COLGREEN NORTH SHORE
COLLINS PINE
AGUA MANSA UNIT 1 (CITY OF COLTON)
COLUSA GENERATING STATION
COLLIERVILLE HYDRO UNIT 1 & 2 AGGREGAT
MAMMOTH G1
MAMMOTH G2
MAMMOTH G3
LUNDY
DIXIE VALLEY GEO
POOLE HYDRO PLANT 1
CONTROL QFS
RUSH CREEK
CMS2
COPPER MOUNTAIN SOLAR 4

COPMTN_2_CM10
COPMTN_2_SOLAR1
COPPER_MOUNTAIN_3_01
COPPER_MOUNTAIN_3_02
COPPER_MOUNTAIN_3_03
COPPER_MOUNTAIN_3_04
COPPER_MOUNTAIN_3_05
COPPER_MOUNTAIN_3_06
COPPER_MOUNTAIN_3_07
COPPER_MOUNTAIN_3_08
COPPER_MOUNTAIN_3_09
COPPER_MOUNTAIN_3_10
CORCAN_1_SOLAR1
CORCAN_1_SOLAR2
CORDOVA_FIR_SOLAR
CORONS_2_SOLAR
CORONS_6_CLRWTR
CORRAL_6_SJOAQN
COSUMNES_CC
COTTLE_2_FRNKNH
COVERD_2_HCKHY1
COVERD_2_MCKHY1
COVERD_2_QFUNTS
COVERD_2_RCKHY1
COWCRK_2_UNIT
CPSTNO_7_PRMA DS
CPVERD_2_SOLAR
CRELMN_6_RAMON1
CRELMN_6_RAMON2
CRELMN_6_RAMSR3
CRESSY_1_PARKER
CRESTA_7_PL1X2
CRIMSN_2_CRMBT1
CRIMSN_2_CRMBT2
CRNEVL_6_CRNVA
CRNEVL_6_SJQN 2
CRNEVL_6_SJQN 3
CROKET_7_UNIT
CROWCREEKSOLAR
CROWCREEKSTORAGE
CRSTWD_6_KUMYAY
CRWCKS_1_SOLAR1
CSCCOG_1_UNIT 1
CSCG NR_1_UNIT 1
CSCG NR_1_UNIT 2
CSLR45_2_SOLAR
CSTOGA_6_LNDFIL

COPPER MOUNTAIN 10
COPPER MOUNTAIN 48
COPPER_MOUNTAIN_3_01
COPPER_MOUNTAIN_3_02
COPPER_MOUNTAIN_3_03
COPPER_MOUNTAIN_3_04
COPPER_MOUNTAIN_3_05
COPPER_MOUNTAIN_3_06
COPPER_MOUNTAIN_3_07
COPPER_MOUNTAIN_3_08
COPPER_MOUNTAIN_3_09
COPPER_MOUNTAIN_3_10
CID SOLAR
CORCORAN CITY
NAN
MASTER DEVELOPMENT CORONA
CLEARWATER POWER PLANT
AMERESCO SAN JOAQUIN
NAN
FRANKENHEIMER POWER PLANT
HATCHET CREEK
MONTGOMERY CREEK HYDRO
COVE HYDROELECTRIC PROJECT
ROARING CREEK
COW CREEK HYDRO
PRIMA DESCHECHA (CAPISTRANO)
CAMPO VERDE SOLAR
RAMONA 1
RAMONA 2
RAMONA SOLAR ENERGY
PARKER POWERHOUSE
CRESTA PH UNIT 1 & 2 AGGREGATE
Crimson (CAISO), Sonoran West (LSEs)
Crimson 2
CRANE VALLEY
SAN JOAQUIN 2
SAN JOAQUIN 3
CROCKETT COGEN
NAN
NAN
KUMEYAAY WIND FARM
CROW CREEK SOLAR 1
SANTA CLARA CO-GEN
GIANERA PEAKER UNIT 1
GIANERA PEAKER UNIT 2
CSOLAR IV SOUTH
CLOVER FLAT LAND FILL GAS

CSTRVL_7_PL1X2
CSTRVL_7_QFUNTS
CTNWDP_1_QF
CUMBIA_1_SOLAR
CUMMNG_6_SUNCT1
CURTIS_1_CANLCK
CURTIS_1_FARFLD
CUYAMS_6_CUYSR1
DAIRLD_1_CR1BM1
DAIRLD_1_MD1SL1
DAIRLD_1_MD2BM1
DALYCT_1_FCELL
DAVID_TEVELDE_DAIRY_DIGESTER
DAVIS_1_SOLAR1
DAVIS_1_SOLAR2
DAVIS_7_MNMETH
DEADCK_1_UNIT
DEERCR_6_UNIT 1
DEL_RANCH_COMPANY
DELAMO_2_SOLAR1
DELAMO_2_SOLAR2
DELAMO_2_SOLAR3
DELAMO_2_SOLAR4
DELAMO_2_SOLAR5
DELAMO_2_SOLAR6
DELAMO_2_SOLRC1
DELAMO_2_SOLRD
DELSUR_6_BSOLAR
DELSUR_6_CREST
DELSUR_6_DRYFRB
DELSUR_6_SOLAR1
DELSUR_6_SOLAR4
DELSUR_6_SOLAR5
DELTA_2_PL1X4
DESERT_POWER_3
DESERT_VIEW
DEVERS_1_QF
DEVERS_1_SEPV05
DEVERS_1_SOLAR
DEVERS_1_SOLAR1
DEVERS_1_SOLAR2
DEVERS_2_CS2SR4
DEVERS_2_DHSPG2
DEXZEL_1_UNIT
DIABLO_7_UNIT 1
DIABLO_7_UNIT 2
DIAMOND_H_DAIRY_POWER

MARINA LAND FILL GAS
CASTROVILLE QF AGGREGATE
SMALL QF AGGREGATION - BURNEY
COLUMBIA SOLAR ENERGY II
SUNSELECT 1
CANAL CREEK POWERHOUSE
FAIRFIELD POWERHOUSE
CUYAMA SOLAR
NAN
MADERA 1
MADERA DIGESTER GENSET 2
NAN
NAN
GRASSLANDS 3
GRASSLANDS 4
MM YOLO POWER LLC
DEADCK_1_UNIT
DEER CREEK
NAN
GOLDEN SPRINGS BUILDING H
GOLDEN SPRINGS BUILDING M
GOLDEN SPRINGS BUILDING G
GOLDEN SPRINGS BUILDING F
GOLDEN SPRINGS BUILDING L
FREEWAY SPRINGS
GOLDEN SPRINGS BUILDING C1
GOLDEN SOLAR BUILDING D
CENTRAL ANTELOPE DRY RANCH B
NAN
DRY FARM RANCH B
SUMMER SOLAR NORTH
RADIANCE SOLAR 4
RADIANCE SOLAR 5
DELTA ENERGY CENTER AGGREGATE
NAN
NAN
NAN
SEPV 5
CASCADE SOLAR
SEPV8
SEPV9
CALIENTE SOLAR 2
DESERT HOT SPRINGS 2
WESTERN POWER AND STEAM COGENERATI
DIABLO CANYON UNIT 1
DIABLO CANYON UNIT 2
NAN

DINUBA_6_UNIT
DISCOV_1_CHEVRN
DIVSON_6_NSQF
DIXNLD_1_LNDFL
DMDVLY_1_UNITS
DONNLS_7_UNIT
DOSMGO_2_NSPIN
DOUBLC_1_UNITS
DOUBLEADIGESTER1
DOUBLEADIGESTER2
DOUBLEADIGESTER3
DRACKR_2_D4SR4B
DRACKR_2_DS3SR3
DRACKR_2_DS4SR4
DRACKR_2_DSUBT1
DRACKR_2_DSUBT2
DRACKR_2_DSUBT3
DRACKR_2_DSUBT4
DRACKR_2_SOLAR1
DRACKR_2_SOLAR2
DRACKR_3_DSUBT3
DREWS_6_PL1X4
DREWSR_2_BHSSR1
DRUM_7_PL1X2
DRUM_7_PL3X4
DRUM_7_UNIT 5
DSABLA_7_UNIT
DSFLWR_2_WS2SR1
DSRTHV_2_DH1SR1
DSRTHV_2_DH2BT1
DSRTHV_2_DH2SR2
DSRTSL_2_SOLAR1
DSRTSN_2_DS2X2
DSRTSN_2_SOLAR1
DSRTSN_2_SOLAR2
DTCHWD_2_BT3WND
DTCHWD_2_BT4WND
DUANE_1_PL1X3
DURNMESA_3_WBDYN
DUTCH1_7_UNIT 1
DUTCH2_7_UNIT 1
DVLCYN_1_UNITS
DYERSM_6_DSWWD1
EARTH_ENERGY_1
EASTWD_7_UNIT
EDMONS_2_NSPIN
EDWARD_2_E21SB1_LESR

NAN
CHEVRON USA (EASTRIDGE)
NAN
ZERO WASTE ENERGY
DIAMOND VALLEY LAKE PUMP-GEN PLANT
DONNELLS HYDRO
DOSMGO_2_NSPIN
DOUBLE "C" LIMITED
NAN
NAN
NAN
DRACKER SOLAR UNIT 4B
DRACKER SOLAR UNIT 3
DRACKER SOLAR UNIT 4
DRACKER SOLAR UNIT 1 BESS
DRACKER SOLAR UNIT 2 BESS
DRACKER SOLAR UNIT 3 BESS
Dracker Solar Unit 4 BESS
DRACKER SOLAR UNIT 1
DRACKER SOLAR UNIT 2
NAN
DREWS GENERATING PLANT
Blue Hornet Solar
DRUM PH 1 UNITS 1 & 2 AGGREGATE
DRUM PH 1 UNITS 3 & 4 AGGREGATE
DRUM PH 2 UNIT 5
DE SABLA HYDRO
WILLOW SPRINGS 2
DESERT HARVEST
DESERT HARVEST BESS
DESERT HARVEST 2
DESERT STATELINE
Desert Sunlight PV II Storage
DESERT SUNLIGHT 300
DESERT SUNLIGHT 250
BROOKFIELD TEHACHAPI 3
BROOKFIELD TEHACHAPI 4
DONALD VON RAESFELD POWER PROJECT
DURAN MESA
DUTCH FLAT 1 PH
DUTCH FLAT 2 PH
DEVIL CANYON HYDRO UNITS 1-4 AGGREGATE
DYER SUMMIT WIND REPOWER
NAN
EASTWOOD PUMP-GEN
EDMONS_2_NSPIN
EdSan 2 Edwards 1A

EDWARD_2_E21SB1_SUN
EDWARD_2_E23SB1
EDWARD_2_E23SB1_LESR
EDWARD_2_ES2BT3
EDWARD_2_ES2BT3_LESR
EEKTMN_6_SOLAR1
EL_CENTRO_4
EL_CENTRO_CC2
EL_CENTRO_CC3
ELCABO_5_ECWSCEDYN
ELCAJN_6_DRGEN1
ELCAJN_6_DRGEN2
ELCAJN_6_EB1BT1
ELCAJN_6_LM6K
ELCAJN_6_UNITA1
ELCAP_1_SOLAR
ELDORO_7_UNIT 1
ELDORO_7_UNIT 2
ELECTR_7_PL1X3
ELK_GROVE_1_SOLAR
ELK_GROVE_2_SOLAR
ELKCRK_6_STONYG
ELKHIL_2_PL1X3
ELKHRN_1_EESX3
ELLIS_2_QF
ELNIDP_6_BIOMAS
ELSEGN_2_UN1011
ELSEGN_2_UN2021
ENELBELLASTORAGE
ENERGETICS_PV
ENERSJ_2_WIND
ENERSJ_5_ESJWD2
ENWIND_2_WIND1
ENWIND_2_WIND2
ESCND0_6_EB1BT1
ESCND0_6_EB2BT2
ESCND0_6_EB3BT3
ESCND0_6_PL1X2
ESCND0_6_UNITB1
ESCO_6_GLMQF
ESNHWR_2_WC1BT1
ESQUON_6_LNDFIL
ESTWND_2_OPPWD1
ETIWND_2_CHMPNE
ETIWND_2_FONTNA
ETIWND_2_RTS010
ETIWND_2_RTS015

EdSan 2 Edwards 1A
EdSan 2 Edwards 3
EdSan 2 Edwards 3
EdSan 2
EdSan 2
EE K SOLAR 1
NAN
NAN
NAN
EL CABO WIND
NAN
NAN
EASTERN BESS 1
EL CAJON ENERGY CENTER
CUYAMACA PEAK ENERGY PLANT
2097 HELTON
EL DORADO UNIT 1
EL DORADO UNIT 2
ELECTRA PH UNIT 1 & 2 AGGREGATE
NAN
NAN
STONEY GORGE HYDRO AGGREGATE
ELK HILLS COMBINED CYCLE (AGGREGATE)
ELKHORN ENERGY STORAGE
ELLIS QFS
EL NIDO BIOMASS TO ENERGY
EL SEGUNDO ENERGY CENTER 5/6
EL SEGUNDO ENERGY CENTER 7/8
NAN
NAN
ESJ WIND ENERGY
ENERGIA_SIERRA_JUAREZ_2_US_LL
CAMERON RIDGE
RIDGETOP I
ESCONDIDO BESS 1
ESCONDIDO BESS 2
ESCONDIDO BESS 3
MMC ESCONDIDO AGGREGATE
CALPEAK POWER ENTERPRISE UNIT 1
GOAL LINE COGEN
Wildcat I BESS
NEAL ROAD LANDFILL GENERATING FACILITY
Oasis Power Plant Eastwind
CHAMPAGNE
FONTANALYTLE CREEK POWERHOUSE P
SPVP010 FONTANA RT SOLAR
SPVP015

ETIWND_2_RTS017
ETIWND_2_RTS018
ETIWND_2_RTS023
ETIWND_2_RTS026
ETIWND_2_RTS027
ETIWND_2_SOLAR1
ETIWND_2_SOLAR2
ETIWND_2_SOLAR5
ETIWND_2_UNIT1
ETIWND_6_GRPLND
ETIWND_6_MWDET1
EXCHEC_7_UNIT 1
EXCLSG_1_SOLAR
FAIRHV_6_UNIT
FALLBROOKSTORAGE
FELLOW_7_QFUNTS
FLOWD_2_RT2WD2
FLOWD_2_WIND1
FLOWD2_2_FPLWND
FMEADO_6_HELLHL
FMEADO_7_UNIT
FORBST_7_UNIT 1
FORKBU_6_UNIT
FRESHW_1_SOLAR1
FRESNOSOLAR
FRESNOSTORAGE
FRIANT_6_UNITS
FRITO_1_LAY
FRNTBW_6_SOLAR1
FROGTN_1_UTICAA
FROGTN_1_UTICAM
FTSWRD_6_TRFORK
FTSWRD_7_QFUNTS
FULTON_1_QF
GALE_1_SR3SR3
GANSO_1_WSTBM1
GARLND_2_GARBT1
GARLND_2_GASLR
GARLND_2_GASLRA
GARNET_1_SOLAR
GARNET_1_SOLAR2
GARNET_1_UNITS
GARNET_1_WIND
GARNET_1_WINDS
GARNET_1_WT3WND
GARNET_2_COAWD2
GARNET_2_DIFWD1

SPVP017
SPVP018 FONTANA RT SOLAR
SPVP023 FONTANA RT SOLAR
SPVP026
SPVP027
DEDEAUX ONTARIO
ROCHESTER
DULLES
ETIWND_2_UNIT1
GRAPELAND PEAKER
ETIWANDA RECOVERY HYDRO
EXCHEQUER HYDRO
EXCELSIOR SOLAR
NAN
NAN
FELLOW QF AGGREGATE
RIDGETOP 2
CAMERON RIDGE 2
DIABLO WINDS
FMEADO_6_HELLHL
FRENCH MEADOWS HYDRO
FORBESTOWN HYDRO
HYPOWER, INC. (FORKS OF BUTTE)
CORCORAN 3
NAN
NAN
FRIANT DAM
FRITO-LAY
FRONTIER SOLAR
ANGELS POWERHOUSE
MURPHYS POWERHOUSE
THREE FORKS WATER POWER PROJECT
FTSWRD_7_QFUNTS
SMALL QF AGGREGATION - ZENIA
SUNRAY 3
WESTSTAR DAIRY BIOGAS
GARLAND STORAGE
GARLAND B
GARLAND A
NORTH PALM SPRINGS 4A
GARNET SOLAR POWER GENERATION STATIO
GARNET GREEN POWER PROJECT AGGREGA
GARNET WIND ENERGY CENTER
GARNET WINDS AGGREGATION
WAGNER WIND
COACHELLA 2
NAN

GARNET_2_HYDRO
GARNET_2_WIND1
GARNET_2_WIND2
GARNET_2_WIND3
GARNET_2_WIND4
GARNET_2_WIND5
GARNET_2_WPMWD6
GASKW1_2_GW1SR1
GATES_2_SOLAR
GATES_2_WSOLAR
GATEWAY_2_GESBT1
GATWAY_2_PL1X3
GENESI_2_STG
GEO_EAST_MESA_2_1
GEO_EAST_MESA_3_1
GEO_EAST_MESA_3_2
GEYS11_7_UNIT11
GEYS12_7_UNIT12
GEYS13_7_UNIT13
GEYS14_7_UNIT14
GEYS16_7_UNIT16
GEYS17_2_BOTRCK
GEYS17_7_UNIT17
GEYS18_7_UNIT18
GEYS20_7_UNIT20
GIFENS_6_BUGSL1
GIFFEN_6_SOLAR
GIFFEN_6_SOLAR1
GILROY_1_UNIT
GILRPP_1_PL1X2
GILRPP_1_PL3X4
GLDFGR_6_SOLAR1
GLDFGR_6_SOLAR2
GLDTWN_6_COLUM3
GLDTWN_6_SOLAR
GLNARM_2_UNIT 5
GLNARM_7_UNIT 1
GLNARM_7_UNIT 2
GLNARM_7_UNIT 3
GLNARM_7_UNIT 4
GLOW_6_SOLAR
GOLETA_2_QF
GOLETA_2_VALBT1
GOLETA_6_ELLWOD
GOLETA_6_EXGEN
GOLETA_6_GAVOTA
GOLETA_6_TAJIGS

WHITEWATER HYDRO
PHOENIX
KAREN AVENUE WIND FARM
SAN GORGONIO EAST
WINDUSTRIES
EASTWIND
WINTEC PALM
GASKELL WEST 1
GATES SOLAR STATION
WEST GATES SOLAR STATION
GATEWAY ENERGY STROAGE
GATEWAY GENERATING STATION
GENESIS STATION
NAN
NAN
NAN
GEYSERS UNIT 11 (HEALDSBURG)
GEYSERS UNIT 12 (HEALDSBURG)
GEYSERS UNIT 13 (HEALDSBURG)
GEYSERS UNIT 14 (HEALDSBURG)
GEYSERS UNIT 16 (HEALDSBURG)
NAN
GEYSERS UNIT 17 (HEALDSBURG)
GEYSERS UNIT 18 (HEALDSBURG)
GEYSERS UNIT 20 (HEALDSBURG)
BURFORD GIFFEN
GIFFEN SOLAR STATION
ASPIRATION SOLAR G
GILROY COGEN AGGREGATE
GILROY ENERGY CENTER UNITS 1&2 AGGRE
GILROY ENERGY CENTER, UNIT #3
PORTAL RIDGE B
PORTAL RIDGE C
COLUMBIA 3
RIO GRANDE
GLENARM TURBINE 5
GLEN ARM UNIT 1
GLEN ARM UNIT 2
GLEN ARM UNIT 3
GLEN ARM UNIT 4
ANTELOPE POWER PLANT
GOLETA QFS
VALLECITO ENERGY STORAGE
ELLWOOD ENERGY SUPPORT FACILITY
EXXON COMPANY USA
NAN
NAN

GOLETA_6_TR2BM2
GONZLS_6_UNIT
GOOSLK_1_SOLAR1
GRADYW_5_GDYWD1
GRAYSON_3
GRAYSON_4
GRAYSON_5
GRAYSON_9
GRAYSON_CC
GRIDLY_6_SOLAR
GRIFFI_2_LSPDYN
GRIZLY_1_UNIT 1
GRNITE_6_ESCBT1
GRNLF1_1_PL1X2
GRNLF1_1_UNITS
GRNLF2_1_UNIT
GRNVLY_7_SCLAND
GRSCRK_6_BGCKWW
GRZZLY_1_BERKLY
GUERNS_6_HD3BM3
GUERNS_6_SOLAR
GUERNS_6_VH2BM1
GWFPWR_1_UNITS
GYS5X6_7_UNITS
GYS7X8_7_UNITS
GYSRVL_7_WSPRNG
HAASPH_7_PL1X2
HALSEY_6_UNIT
HARBGN_7_UNITS
HARBOR_CC
HARBOR_UNIT_10
HARBOR_UNIT_11
HARBOR_UNIT_12
HARBOR_UNIT_13
HARBOR_UNIT_14
HARDWK_6_STWBM1
HAT_CREEK_BIOENERGY__LLC
HATCR1_7_UNIT
HATCR2_7_UNIT
HATLOS_6_BWDHY1
HATLOS_6_LSCRK
HATRDG_2_WIND
HAYNES_1
HAYNES_11
HAYNES_12
HAYNES_13
HAYNES_14

Tajiguas Biogas Engines
JOHNSON CANYON LANDFILL
GOOSE LAKE
GRADY WIND
NAN
NAN
NAN
NAN
NAN
GRIDLEY MAIN TWO
GRIFFITH ENERGY
GRIZZLY HYDRO
EnerSmart El Cajon
Greenleaf 1
NAN
GREENLEAF II COGEN
SANTA CRUZ LANDFILL GENERATING PLANT
BIG CREEK WATER WORKS - CEDAR FLAT
BERKELEY COGENERATION
HANFORD DIGESTER GENSET 3
GUERNSEY SOLAR STATION
HANFORD DIGESTER GENSET 2
HANFORD PEAKER PLANT
GEYSERS UNITS 5 & 6 AGGREGATE
GEYSERS UNITS 7 & 8 AGGREGATE
WARM SPRINGS HYDRO
HAAS PH UNIT 1 & 2 AGGREGATE
HALSEY HYDRO
HARBOR COGEN COMBINED CYCLE
NAN
NAN
NAN
NAN
NAN
NAN
STILL WATER RANCH DAIRY
NAN
HAT CREEK #1
HAT CREEK #2
BIDWELL DITCH
LOST CREEK 1 & 2 HYDRO CONVERSION
HATCHET RIDGE WIND FARM
NAN
NAN
NAN
NAN
NAN

HAYNES_15	NAN
HAYNES_16	NAN
HAYNES_2	NAN
HAYNES_CC	NAN
HAYPRS_6_HAYHD1	HAYPRESS LOWER
HAYPRS_6_HAYHD2	HAYPRESS MIDDLE
HEBER_GEO_1	NAN
HEBER_GEO_2	NAN
HEBER_GEO_COMPLEX	NAN
HEBER_II	NAN
HEBER_SOLAR_PV	NAN
HEDGE_SOLAR	NAN
HEMPG_7_UNIT 1	HELMS PUMP-GEN UNIT 1
HEMPG_7_UNIT 2	HELMS PUMP-GEN UNIT 2
HEMPG_7_UNIT 3	HELMS PUMP-GEN UNIT 3
HENRTA_6_HDEBT1	HENRIETTA D ENERGY STORAGE
HENRTA_6_SOLAR1	LEMOORE 1
HENRTA_6_SOLAR2	WESTSIDE SOLAR POWER PV1
HENRTA_6_UNITA1	GWF HENRIETTA PEAKER PLANT UNIT 1
HENRTA_6_UNITA2	GWF HENRIETTA PEAKER PLANT UNIT 2
HENRTS_1_SOLAR	HENRIETTA SOLAR PROJECT
HERDLN_6_BYHSR1	Byron Highway Solar
HIDSRT_2_UNITS	HIGH DESERT POWER PROJECT AGGREGATE
HIGGNS_1_COMBIE	COMBIE SOUTH
HIGGNS_7_QFUNTS	HIGGNS_7_QFUNTS
HIGHDS_2_H5SBT1	HIGH 5 SOLAR BESS
HIGHDS_2_H5SSR1	HIGH 5 SOLAR
HILAND_7_YOLOWD	CLEAR LAKE UNIT 1
HINSON_6_CARBGH	BP WILMINGTON CALCINER
HINSON_6_LBECH1	LONG BEACH UNIT 1
HINSON_6_LBECH2	LONG BEACH UNIT 2
HINSON_6_LBECH3	LONG BEACH UNIT 3
HINSON_6_LBECH4	LONG BEACH UNIT 4
HINSON_6_SERRGN	SOUTHEAST RESOURCE RECOVERY
HMLTBR_6_UNITS	HAMILTON BRANCH PH (AGGREGATE)
HNTGBH_2_PL1X3	HUNTINGTON BEACH ENERGY
HNTGBH_7_UNIT 2	HUNTINGTON BEACH GEN STA. UNIT 2
HOLGAT_1_BORAX	U.S. BORAX, UNIT 1
HOLSTR_1_SOLAR	SAN BENITO SMART PARK
HOLSTR_1_SOLAR2	HOLLISTER SOLAR
HOOLEYDIGESTER1	NAN
HOOLEYDIGESTER2	NAN
HOOVER_2_MWDDYN	HOOVER
HOOVER_2_VEADYN	HOOVER
HUDSON_RANCH_I	NAN
HUMBPP_1_UNITS3	HUMBOLDT BAY GENERATING STATION 3
HUMBPP_6_UNITS	HUMBOLDT BAY GENERATING STATION 1

HUMBSB_1_QF
HUMMINGBIRDSTORAGE
HURON_6_SOLAR
HYTTHM_2_UNITS
IGNACO_1_QF
IMPERIAL_VALLEYIVSC2
INDIGO_1_UNIT 1
INDIGO_1_UNIT 2
INDIGO_1_UNIT 3
INDVLY_1_UNITS
INSKIP_2_UNIT
INTERMOUNTAIN_1
INTERMOUNTAIN_2
INTKEP_2_UNITS
INTMNT_3_ANAHEIM
INTMNT_3_PASADENA
INTMNT_3_RIVERSIDE
INTTRB_6_UNIT
IVANPA_1_UNIT1
IVANPA_1_UNIT2
IVANPA_1_UNIT3
IVSLR2_2_SM2SR1
IVSLRP_2_SOLAR1
IVWEST_2_SOLAR1
JACMSR_1_JACSR1
JANCRK_6_RCABT1
JAVASR_1_JAVSR1
JAWBNE_2_NSRWND
JAWBNE_2_SRWND
JAWBNE_2_SRWWD2
JAYNE_6_WLSLR
JJ_ELMORE
JOANEC_2_STABT1
JOANEC_2_STABT2
JOHANN_2_JOSBT1
JOHANN_2_JOSBT2
JOHANN_2_OCEBT2
JOHANN_2_OCEBT3
K_ROAD_MOAPA
K_ROAD_MODESTO
KANSAS_6_SOLAR
KEARNY_6_NESBT1
KEARNY_6_SESBT2
KEKAWK_6_UNIT
KELSO_2_UNITS
KELYRG_6_UNIT
KERKH2_7_UNIT 1

SMALL QF AGGREGATION - TRINITY
NAN
HURON SOLAR STATION
HYATT-THERMALITO PUMP-GEN (AGGREGA
SMALL QF AGGREGATION - VALLEJO/DINSM
NAN
INDIGO PEAKER UNIT 1
INDIGO PEAKER UNIT 2
INDIGO PEAKER UNIT 3
INDIAN VALLEY HYDRO
INSKIP HYDRO
NAN
NAN
CCSF HETCH_HETCHY HYDRO AGGREGATE
INTERMOUNTAIN POWER PROJECT
INTERMOUNTAIN POWER PROJECT
IPPDYN
INTERNATIONAL TURBINE RESEARCH
IVANPAH 1
IVANPAH 2
IVANPAH 3
SILVER RIDGE MOUNT SIGNAL 2
SILVER RIDGE MOUNT SIGNAL
IMPERIAL VALLEY WEST (Q # 608)
JACUMBA SOLAR FARM
Redwood Coast Airport Microgrid
NAN
NORTH SKY RIVER WIND PROJECT
NAN
Sky River Wind Repower B
WESTLANDS SOLAR FARM PV 1
NAN
SANTA ANA STORAGE 1
Santa Ana Storage 2
JOHANNA STORAGE 1
JOHANNA STORAGE 2
ORANGE COUNTY ENERGY STORAGE 2
ORANGE COUNTY ENERGY STORAGE 3
NAN
NAN
RE KANSAS SOUTH
KEARNY NORTH ENERGY STORAGE
KEARNY SOUTH ENERGY STORAGE
STS HYDROPOWER LTD. (KEKAWAKA)
MARIPOSA ENERGY
KELLY RIDGE HYDRO
KERKHOFF PH 2 UNIT #1

KERMAN_6_SOLAR1
KERMAN_6_SOLAR2
KERNFT_1_UNITS
KERNRG_1_UNITS
KERRGN_1_UNIT 1
KIEFER_LANDFILL_1_1
KIEFER_LANDFILL_1_2
KIEFER_LANDFILL_1_3
KIEFER_LANDFILL_2_1
KIEFER_LANDFILL_2_2
KILARC_2_UNIT 1
KINGCO_1_KINGBR
KINGRV_7_UNIT 1
KIRKER_7_KELCYN
KNGBRD_2_SOLAR1
KNGBRD_2_SOLAR2
KNGBRG_1_KBSLR1
KNGBRG_1_KBSLR2
KNGCTY_6_UNITA1
KNTSTH_6_SOLAR
KRAMER_1_KJ5SR5
KRAMER_1_SEGS37
KRAMER_1_SEGSR3
KRAMER_1_SEGSR4
KRAMER_2_SEGS 8
KRAMER_2_SEGS 9
KRAMER_2_SEGS89
KRNCNY_6_UNIT
KYCORA_6_KMSBT1
LACIEN_2_VENICE
LAGBEL_6_QF
LAKE
LAKESIDE_BIOGAS_LLC
LAKHDG_6_UNIT 1
LAKHDG_6_UNIT 2
LAMONT_1_SOLAR1
LAMONT_1_SOLAR2
LAMONT_1_SOLAR3
LAMONT_1_SOLAR4
LAMONT_1_SOLAR5
LAPAC_6_UNIT
LAPLMA_2_UNIT 1
LAPLMA_2_UNIT 2
LAPLMA_2_UNIT 3
LAPLMA_2_UNIT 4
LARKSP_6_UNIT 1
LARKSP_6_UNIT 2

FRESNO SOLAR SOUTH
FRESNO SOLAR WEST
KERN FRONT LIMITED
SOUTH BELBRIDGE COGEN FACILITY
KERN RIVER HYDRO UNITS 1-4 AGGREGATE
NAN
NAN
NAN
NAN
NAN
KILARC HYDRO
KINGSBURG COGEN
KINGS RIVER HYDRO UNIT 1
KELLER CANYON LANDFILL GEN FACILICITY
KINGBIRD SOLAR A
KINGBIRD SOLAR B
KINGSBURG1
KINGSBURG2
KING CITY ENERGY CENTER, UNIT 1
KENT SOUTH
NAN
NAN
NAN
NAN
KRAMER JUNCTION 8
KRAMER JUNCTION 9
NAN
KERN CANYON POWERHOUSE
KEARNY MESA STORAGE
MWD VENICE HYDROELECTRIC RECOVERY PI
NAN
NAN
NAN
LAKE HODGES PUMPED STORAGE-UNIT1
LAKE HODGES PUMPED STORAGE-UNIT2
REGULUS SOLAR
REDWOOD SOLAR FARM 4
WOODMERE SOLAR FARM
HAYWORTH SOLAR FARM
REDCREST SOLAR FARM
LOUISIANA PACIFIC SAMOA
LA PALOMA GENERATING PLANT UNIT #1
LA PALOMA GENERATING PLANT UNIT #2
LA PALOMA GENERATING PLANT UNIT #3
LA PALOMA GENERATING PLANT, UNIT #4
LARKSPUR PEAKER UNIT 1
LARKSPUR PEAKER UNIT 2

LAROA2_2_UNITA1
LASSEN_6_UNITS
LAWRNC_7_SUNYVL
LEATHERS
LEBECS_2_UNITS
LECEF_1_UNITS
LECONT_2_LESBT1
LEPRFD_1_KANSAS
LGHTHP_6_ICEGEN
LHILLS_6_SOLAR1
LILIAC_6_SOLAR
LITLRK_6_GBCSR1
LITLRK_6_SEPV01
LITLRK_6_SOLAR1
LITLRK_6_SOLAR2
LITLRK_6_SOLAR3
LITLRK_6_SOLAR4
LIVEOK_6_SOLAR
LIVOAK_1_UNIT 1
LLAGAS
LMBEPK_2_UNITA1
LMBEPK_2_UNITA2
LMBEPK_2_UNITA3
LMEC_1_PL1X3
LNCSTR_6_CREST
LNCSTR_6_SOLAR2
LOCKFD_1_BEARCK
LOCKFD_1_KSOLAR
LODI25_2_UNIT 1
LODIEC_2_PL1X2
LOTUS_6_LFSR1
LOWGAP_1_SUPHR
LOWGAP_7_QFUNTS
LTBEAR_1_LB3SR3
LTBEAR_1_LB4SR4
LTBEAR_1_LB4SR5
LTBERA_1_LB1SR1
MAGNLA_6_ANAHEIM
MAGNLA_6_CERRITOS
MAGNLA_6_COLTON
MAGNLA_6_PASADENA
MAGNOLIA_CC
MAGUND_1_BKISR1
MAGUND_1_BKSSR2
MALAGA_1_PL1X2
MALCHQ_7_UNIT 1
MALIN_5_BPADYN

LR2
HONEY LAKE POWER
CITY OF SUNNYVALE UNIT 1 AND 2
NAN
PASTORIA ENERGY FACILITY
LOS ESTEROS ENERGY FACILITY AGGREGATE
LeConte Energy Storage
KANSAS
CARSON COGENERATION
LOST HILLS SOLAR
MESA CREST
GREEN BEANWORKS C
GESTAMP SOLAR 1
LANCASTER LITTLE ROCK C
PALMDALE 18
ONE TEN PARTNERS
LITTLE ROCK PHAM SOLAR
HARRIS
LIVE OAK LIMITED
NAN
LAMBIE ENERGY CENTER, UNIT #1
CREED ENERGY CENTER, UNIT #1
GOOSE HAVEN ENERGY CENTER, UNIT #1
LOS MEDANOS ENERGY CENTER AGGREGATE
NAN
SEPV SIERRA NGR
BEAR CREEK SOLAR
KETTLEMAN SOLAR
LODI GAS TURBINE
LODI ENERGY CENTER
LOTUS SOLAR FARM
MILL & SULPHUR CREEK HYDRO
MATTHEWS DAM HYDRO
LITTLE BEAR 3 SOLAR
LITTLE BEAR 4
LITTLE BEAR 4 SOLAR 5
LITTLE BEAR SOLAR 1
MAGNOLIA POWER PLANT ANAHEIM
MAGNOLIA POWER PLANT CERRITOS
MAGNOLIA POWER PROJECT
MAGNOLIA POWER PLANT - PASADENA
MAGNOLIA
BAKERSFIELD INDUSTRIAL 1
BAKERSFIELD SOLAR 1
MALAGA POWER AGGREGATE
MALACHA HYDRO L.P.
MALIN_5_BPADYN

MALIN_5_GCPDDYN
MALIN_5_HERMDYN
MALIN_5_IBERDR
MALIN_5_INHRED
MALIN_5_INHRPG
MANTEC_1_ML1SR1
MANZNA_2_WIND
MARCPW_6_SOLAR1
MARTIN_1_SUNSET
MCARTH_6_FRIVRB
MCCALL_1_QF
MCCLELLAN_1
MCCLURE_1
MCCLURE_2
MCSWAN_6_UNITS
MDFKRL_2_PROJCT
MELROSESTORAGE1
MENBIO_6_RENEW1
MENBIO_6_UNIT
MERCED_1_SOLAR1
MERCED_1_SOLAR2
MERCFL_6_UNIT
MESAP_1_QF
MESAS_2_QF
MESQUITE_RECOVERY
METEC_2_PL1X3
MIDSUN_1_PL1X2
MIDWD_2_WIND1
MIDWD_2_WIND2
MIDWD_6_WNDLND
MIDWD_7_CORAMB
MIDWY3_2_MDSSR1
MIDWYS_2_MIDSL1
MILFORD_WIND_1_1
MILFORD_WIND_1_2
MILFORD_WIND_2
MILFRD_7_PASADENA
MIRLOM_2_CORONA
MIRLOM_2_LNDFL
MIRLOM_2_MLBSTA
MIRLOM_2_MLBSTB
MIRLOM_2_ONTARO
MIRLOM_2_RTS032
MIRLOM_2_RTS033
MIRLOM_2_TEMESC
MIRLOM_6_PEAKE
MIRLOM_7_MWDLKM

GRANT COUNTY HYDRO FACILITIES
MALIN_5_HERMDYN
IBERDROLA CENTROID SYTEM RESOURCE
CSF COLUMBIA GORGE
BIGLOW CANYON
MANTECA LAND 1
MANZANA WIND
MARICOPA WEST SOLAR PV
SUNSET RESERVOIR - NORTH BASIN
FALL RIVER MILLS PROJECT B
FISH WATER
NAN
NAN
NAN
MC SWAIN HYDRO
MIDDLE FORK AND RALSTON PSP
NAN
CALRENEW - 1(A)
NAN
MISSION SOLAR
MERCED SOLAR
MERCED FALLS POWERHOUSE
SMALL QF AGGREGATION - SAN LUIS OBISPO
NAN
NAN
METCALF ENERGY CENTER
North Midway Cogens 5A 5B
NAN
CORAM ENERGY
NAN
CELLC 7.5 MW TEHACHAPI PROJECT
MIDWAY SOUTH SOLAR FARM
MIDWAY SOLAR FARM
NAN
NAN
NAN
MILFORD I
MWD CORONA HYDROELECTRIC RECOVERY
MILLIKEN LANDFILL SOLAR
MIRA LOMA BESS A
MIRA LOMA BESS B
ONTARIO RT SOLAR
SPVP032
SPVP033
MWD TEMESCAL HYDROELECTRIC RECOVER
MIRA LOMA PEAKER
LAKE MATHEWS HYDROELECTRIC RECOVERY

MISSIX_1_QF
MKTRCK_1_UNIT 1
MLPTAS_7_QFUNTS
MM_SD_MIRAMAR2
MNDALY_6_MCGRTH
MNDOTA_1_SOLAR1
MNDOTA_1_SOLAR2
MNOCAERSSTORAGE
MOJAVE_1_SIPHON
MOJAVW_2_SOLAR
MONLTH_6_BATTERY
MONLTS_2_MONWD4
MONLTS_2_MONWD5
MONLTS_2_MONWD6
MONLTS_2_MONWD7
MONTPH_7_UNITS
MOORPK_2_ACOBT1
MOORPK_2_CALABS
MOORPK_6_QF
MORWD_6_QF
MOSSLD_1_QF
MOSSLD_2_PSP1
MOSSLD_2_PSP2
MRCHNT_2_PL1X3
MRGT_6_MEF2
MRGT_6_MMAREF
MRGT_6_TGEBT1
MRLSDS_6_SOLAR1
MSHGTS_6_MMARLF
MSOLAR_2_SOLAR1
MSOLAR_2_SOLAR2
MSOLAR_2_SOLAR3
MSQUIT_5_SERDYN
MSSION_2_QF
MSTANG_2_MTGBT1
MSTANG_2_SOLAR
MSTANG_2_SOLAR3
MSTANG_2_SOLAR4
MTHSE_G_38380_1
MTNPOS_1_UNIT
MTWIND_1_MVPWD1
MTWIND_1_UNIT 1
MTWIND_1_UNIT 2
MTWIND_1_UNIT 3
MURRAY_6_UNIT
NAPA_RECYCLING_BIOMASS_PLANT
NAROW1_2_UNIT

SMALL QF AGGREGATION - SAB FRABCUSCI
MCKITTRICK LIMITED
MLPTAS_7_QFUNTS
NAN
MCGRATH BEACH PEAKER
NORTH STAR SOLAR 1
CITIZEN SOLAR B
NAN
MOJAVE SIPHON POWER PLANT
MOJAVE WEST
TEHACHAPI STORAGE PROJECT
NAN
NAN
NAN
NAN
MONTICELLO HYDRO AGGREGATE
ACORN I BESS
CALABASAS GAS-TO-ENERGY FACILITY
MOORPARK QFS
MORWIND
SMALL QF AGGREGATION - SANTA CRUZ
MOSS LANDING POWER BLOCK 1
MOSS LANDING POWER BLOCK 2
DESERT STAR ENERGY CENTER
MIRAMAR ENERGY FACILITY II
MIRAMAR ENERGY FACILITY
TOP GUN ENERGY STORAGE
MORELOS SOLAR
MIRAMAR LANDFILL
MESQUITE SOLAR 1
MESQUITE SOLAR 2
MESQUITE SOLAR 3, LLC
MSQUIT_5_SERDYN
SMALL QF AGGREGATION - SAN DIEGO
MUSTANG 1 BESS
MUSTANG
MUSTANG 3
MUSTANG 4
NAN
MT.POSO COGENERATION CO.
Mountain View Power Project I Repower
MOUNTAIN VIEW POWER PROJECT I
MOUNTAIN VIEW POWER PROJECT II
MOUNTAIN VIEW POWER PROJECT III
GROSSMONT HOSPITAL
NAN
NARROWS PH 1 UNIT

NAROW2_2_UNIT
NAVYII_2_UNITS
NCPA_7_GP1UN1
NCPA_7_GP1UN2
NCPA_7_GP2UN3
NCPA_7_GP2UN4
NEENACH_SOLAR
NEENCH_6_SOLAR
NEWARK_1_QF
NGILAA_5_SDGDYN
NHOGAN_6_UNITS
NILAND_1
NILAND_2
NIMTG_6_NICOGN
NIMTG_6_NIQF
NORTH_BRAWLEY_01
NORTH_BRAWLEY_02
NORTH_BRAWLEY_03
NORTH_BRAWLEY_04
NORTH_BRAWLEY_05
NORTH_BRAWLEY_06
NORTH_FORK_COMMUNITY_POWER
NOVATO_6_LNDFL
NWCSTL_7_UNIT 1
NZWIND_2_WDSTR5
NZWIND_6_CALWND
NZWIND_6_WDSTR
NZWIND_6_WDSTR2
NZWIND_6_WDSTR3
NZWIND_6_WDSTR4
OAK C_1_EBMUD
OAK C_7_UNIT 1
OAK C_7_UNIT 3
OAK C_7_UNIT_2
OAK L_1_GTG1
OAKWD_6_QF
OAKWD_6_ZEPHWD
OASIS_6_CREST
OASIS_6_GBDSR4
OASIS_6_LPPSR1
OASIS_6_SOLAR1
OASIS_6_SOLAR2
OASIS_6_SOLAR3
OCI_SOLAR_LAKESIDE
OCTILO_5_WIND
OGROVE_6_PL1X2
OILFLD_7_QFUNTS

NARROWS POWERHOUSE UNIT 2
COSO POWER DEVELOPER (NAVY II) AGGREG
NCPA GEO PLANT 1 UNIT 1
NCPA GEO PLANT 1 UNIT 2
NCPA GEO PLANT 2 UNIT 3
NCPA GEO PLANT 2 UNIT 4
NAN
ALPINE SOLAR
NEWARK 1 QF
NGILAA_5_SDGDYN
NEW HOGAN PH AGGREGATE
NAN
NAN
NORTH ISLAND COGEN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
REDWOOD RENEWABLE ENERGY
NEWCASTLE HYDRO
WINDSTREAM 6111
WIND RESOURCE I
WINDSTREAM 39
WINDSTREAM 6040
WINDSTREAM 6041
WINDSTREAM 6042
MWWTP PGS 1 - ENGINES
OAKLAND STATION C GT UNIT 1
OAKLAND STATION C GT UNIT 3
OAKLAND STATION C GT UNIT 2
MWWTP PGS 2 - TURBINE
OAK CREEK
ZEPHYR PARK
NAN
GREEN BEANWORKS D
Lancaster Psomas PV
MORGAN LANCASTER I
OASIS SOLAR
SOCCER CENTER
NAN
OCOTILLO WIND ENERGY FACILITY
ORANGE GROVE ENERGY CENTER
NACIMIENTO HYDROELECTRIC PLANT

OLDRIV_6_BIOGAS
OLDRIV_6_CESDBM
OLDRIV_6_LKVB1
OLDRV1_6_SOLAR
OLINDA_2_COYCRK
OLINDA_2_LNDFL2
OLINDA_2_QF
OLINDA_7_BLKSD
OLINDA_7_LNDFIL
OLIVE_O1
OLIVE_O2
OLIVEP_1_SOLAR
OLIVEP_1_SOLAR2
OLSEN_2_UNIT
OMAR_2_UNIT 1
OMAR_2_UNIT 2
OMAR_2_UNIT 3
OMAR_2_UNIT 4
ONLLPP_6_UNITS
ORLND_6_HIGHLI
ORLND_6_SOLAR1
ORMESA_1_E
ORMESA_1_H
ORMESA_I
ORMESA_II_OEC21
ORMESA_II_OEC22
ORMOND_7_UNIT 1
ORMOND_7_UNIT 2
ORNI33__LLC
OROLOM_1_SOLAR1
OROLOM_1_SOLAR2
OROVIL_6_UNIT
ORTGA_6_ME1SL1
OSO_6_NSPIN
OTAY_6_ECVBT1
OTAY_6_ECVBT2
OTAY_6_LNDFL5
OTAY_6_LNDFL6
OTAY_6_PL1X2
OTAY_6_UNITB1
OTMESA_2_PL1X3
OXBOW_6_DRUM
OXMTN_6_LNDFIL
PACLUM_6_UNIT
PADUA_2_ONTARO
PADUA_2_SOLAR1
PADUA_6_MWSDM

BIDART OLD RIVER 1
CES DAIRY BIOGAS
LAKEVIEW DAIRY BIOGAS
OLD RIVER ONE
MWD COYOTE CREEK HYDROELECTRIC RECC
BREA POWER II
OLINDA QFS
BLACKSAND GENERATING FACILITY
NAN
NAN
NAN
WHITE RIVER SOLAR
WHITE RIVER WEST
OLSEN POWER PARTNERS
KERN RIVER COGENERATION CO. UNIT 1
KERN RIVER COGENERATION CO. UNIT 2
KERN RIVER COGENERATION CO. UNIT 3
KERN RIVER COGENERATION CO. UNIT 4
O'NEILL PUMP-GEN (AGGREGATE)
HIGH LINE CANAL HYDRO
ENERPARC CALIFORNIA 2
NAN
NAN
NAN
NAN
NAN
ORMOND BEACH GEN STA. UNIT 1
ORMOND BEACH GEN STA. UNIT 2
NAN
ORO LOMA SOLAR 1
ORO LOMA SOLAR 2
OROVILLE COGENERATION, LP
MERCED 1
OSO_6_NSPIN
EnerSmart Chula Vista 1
Chula Vista 2
NAN
NAN
CHULA VISTA ENERGY CENTER, LLC
NAN
OTAY MESA ENERGY CENTER
OXBOW HYDRO
OX MOUNTAIN LANDFILL GENERATING PLAN
HUMBOLDT REDWOOD
ONTARIO/SIERRA HYDRO PSP
KONA SOLAR - RANCHO DC #1
SAN DIMAS HYDROELECTRIC RECOVERY PLA

PADUA_6_QF
PADUA_7_SDIMAS
PAIGES_6_SOLAR
PALALT_7_COBUG
PALO_VERDE_3_LADWP
PALOMR_2_PL1X3
PANDOL_6_UNIT
PANSEA_1_PANARO
PARDEB_6_UNITS
PARQUEEOLICO
PBLOSM_2_SOLAR
PEABDY_2_LNDFIL
PEABDY_2_LNDFL1
PEARBL_2_NSPIN
PEASE_1_TBEBT1
PEORIA_1_SOLAR
PGE_BAY_BIP_DO
PGE_BAY_CBP_DA_NONRES
PGE_BAY_CBP_DA_RES
PGE_BAY_PDP_NON_RES
PGE_BAY_SMARTAC_NON_RES
PGE_BAY_SMARTAC_RES
PGE_BAY_SMARTRATE_RES
PGE_VAL_BIP_DO
PGE_VAL_CBP_DA
PGE_VAL_CBP_DA_RES
PGE_VAL_SMARTAC_NON_RES
PGE_VAL_SMARTAC_RES
PGE_VAL_SMARTRATE_RES
PHOENX_1_UNIT
PINE_TREE_SOLAR
PINE_TREE_WIND
PINFLT_7_UNITS
PIOPIC_2_CTG1
PIOPIC_2_CTG2
PIOPIC_2_CTG3
PIT1_6_FRIVRA
PIT1_7_UNIT 1
PIT1_7_UNIT 2
PIT3_7_PL1X3
PIT4_7_PL1X2
PIT5_7_PL1X2
PIT5_7_PL3X4
PIT5_7_QFUNTS
PIT6_7_UNIT 1
PIT6_7_UNIT 2
PIT7_7_UNIT 1

PADUA QFS
SAN DIMAS WASH HYDRO
PAIGE SOLAR
COOPERATIVELY OWNED BACK UP GENERAT
NAN
PALOMAR ENERGY CENTER
NAN
NAN
PARDEE POWER HOUSE
NAN
PEARBLOSSOM
G2 ENERGY HAY ROAD POWER PLANT
POTRERO HILLS ENERGY PRODUCERS
PEARBL_2__NSPIN
Tierra Buena Energy Storage
SONORA 1
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
NAN
PHOENIX PH
NAN
NAN
PINE FLAT HYDRO AGGREGATE
PIO PICO UNIT 1
PIO PICO UNIT 2
PIO PICO UNIT 3
FALL RIVER MILLS PROJECT A
PIT PH 1 UNIT 1
PIT PH 1 UNIT 2
PIT PH 3 UNITS 1, 2 & 3 AGGREGATE
PIT PH 4 UNITS 1 & 2 AGGREGATE
PIT PH 5 UNITS 1 & 2 AGGREGATE
PIT PH 5 UNITS 3 & 4 AGGREGATE
GRASSHOPPER FLAT HYDRO
PIT PH 6 UNIT 1
PIT PH 6 UNIT 2
PIT PH 7 UNIT 1

PIT7_7_UNIT 2
PIUTE_6_GNBSR1
PLACVL_1_CHILIB
PLACVL_1_RCKCRE
PLAINV_6_BSOLAR
PLAINV_6_DSOLAR
PLAINV_6_NLSR1
PLAINV_6_SOLAR3
PLAINV_6_SOLARC
PLMSSR_6_HISIER
PLSNTG_7_LNCLND
PMDLET_6_SOLAR1
PMPJCK_1_RB2SLR
PMPJCK_1_SOLAR1
PMPJCK_1_SOLAR2
PNCHEG_2_PL1X4
PNCHPP_1_PL1X2
PNCHVS_2_SOLAR
PNOCHE_1_PL1X2
PNOCHE_1_UNITA1
POCATELLO_WASTE
POEPH_7_UNIT 1
POEPH_7_UNIT 2
POINTLOMA1
POINTLOMA2
POTTER_6_UNITS
POTTER_7_VECINO
PRCTVY_1_MIGBT1
PRIMA_PLANT1
PRIMA_PLANT2
PRIMM_2_SOLAR1
PROXIMASOLAR
PROXIMASTORAGE
PSWEET_1_STCRUZ
PSWEET_7_QFUNTS
PTLOMA_6_NTCCGN
PTLOMA_6_NTCQF
PUTHCR_1_PCNSB1
PUTHCR_1_SOLAR1
PVERDE_5_SCEDYN
PWEST_1_UNIT
QUARANTINASTORAGE
RABBITBRUSHSTORAGE
RACEWAYSOLAR
RACEWAYSTORAGE
RAMON_2_SCEDYN
RANCHO_2_SMUDSYSYN

PIT PH 7 UNIT 2
GREEN BEANWORKS B
CHILI BAR HYDRO
ROCK CREEK HYDRO
WESTERN ANTELOPE BLUE SKY RANCH A
WESTERN ANTELOPE DRY RANCH
NORTH LANCASTER RANCH
SIERRA SOLAR GREENWORKS LLC
CENTRAL ANTELOPE DRY RANCH C
HIGH SIERRA COGENERATION AGGREGATE
LINCOLN LANDFILL POWER PLANT
SEPV PALMDALE EAST, LLC
RIO BRAVO SOLAR 2
PUMPJACK SOLAR I
RIO BRAVO SOLAR 1
PANOCHE ENERGY CENTER (AGGREGATED)
MIDWAY PEAKING AGGREGATE
PANOCHE VALLEY SOLAR
PANOCHE PEAKER
CALPEAK POWER PANOCHE UNIT 1
NAN
POE HYDRO UNIT 1
POE HYDRO UNIT 2
NAN
NAN
POTTER VALLEY
VECINO VINEYARDS LLC
MIGUEL BESS
NAN
NAN
SILVER STATE SOUTH
NAN
NAN
SANTA CRUZ ENERGY LLC
PSWEET_7_QFUNTS
NAN
NTC/MCRD COGENERATION
Putah Creek Solar Farm North
PUTAH CREEK SOLAR FARM
PVERDE_5_SCEDYN
PACIFIC WEST 1 WIND GENERATION
NAN
NAN
NAN
NAN
RAMON_2_SCEDYN
SMUD REGULATION MARKET

RATSKE_2_NROSR1	NORTH ROSAMOND SOLAR
RATSKE_2_RBSSB1	Rabbitbrush Solar 1
RATSKE_2_RBSSB2	Rabbitbrush Solar 2
RCKCRK_7_UNIT 1	ROCK CREEK HYDRO UNIT 1
RCKCRK_7_UNIT 2	ROCK CREEK HYDRO UNIT 2
RDWAY_1_CREST	NAN
RE_BR1_26960_1	NAN
RE_GASKELL_WEST_3	NAN
RE_GASKELL_WEST_4	NAN
RE_GASKELL_WEST_5	NAN
RECTOR_2_CREST	NAN
RECTOR_2_IVANPV	IVANHOE TULARE PV
RECTOR_2_KAWEAH	KAWEAH PH 2 & 3 PSP AGGREGATE
RECTOR_2_KAWH 1	KAWEAH PH 1 UNIT 1
RECTOR_2_QF	KAWEAH UNIT 1
RECTOR_2_TFDBM1	TWO FIETS DAIRY DIGESTER
RECTOR_7_TULARE	MM TULARE
REDBLF_6_UNIT	RED BLUFF PEAKER PLANT
REDDING_POWER_1	NAN
REDDING_POWER_2	NAN
REDDING_POWER_3	NAN
REDDING_POWER_CC	NAN
REDMAN_2_SOLAR	LANCASTER EAST AVENUE F
REDMAN_6_AVSSR1	ANTELOPE VALLEY SOLAR
REDOND_7_UNIT 5	REDONDO GEN STA. UNIT 5
REDOND_7_UNIT 6	REDONDO GEN STA. UNIT 6
REDOND_7_UNIT 8	REDONDO GEN STA. UNIT 8
REEDLY_6_SOLAR	TERZIAN
RENWD_1_QF	RENWIND RE-POWERING PROJECT
REXFORDSOLAR	NAN
REXFORDSTORAGE	NAN
RHONDO_6_PUENTE	NAN
RICHMN_1_CHVSR2	CHEVRON 8.5
RICHMN_1_SOLAR	CHEVRON 2
RICHMN_7_BAYENV	BAY ENVIRONMENTAL (NOVE POWER)
RIOBRV_6_UNIT 1	RIO BRAVO HYDRO
RIOOSO_1_QF	SMALL QF AGGREGATION - GRASS VALLEY
RIPON_1	NAN
RIPON_2	NAN
RNDMTN_2_SLSPHY1	SILVER SPRINGS
RNDSBG_1_HZASR1	HAZEL A
ROCKWOOD_1	NAN
ROCKWOOD_2	NAN
ROLLIN_6_UNIT	ROLLINS HYDRO
ROSEVILLE_1	NAN
ROSEVILLE_2	NAN
ROSMDW_2_WIND1	PACIFIC WIND - PHASE 1

ROSMND_6_SOLAR
RSMSLR_6_SOLAR1
RSMSLR_6_SOLAR2
RTEDDY_2_SC1SR3
RTEDDY_2_SEBSR3
RTEDDY_2_SEBSR4
RTEDDY_2_SOLAR1
RTEDDY_2_SOLAR2
RTEDDY_2_SPASR4
RTEDDY_2_SRXSR4
RTREE_2_WIND1
RTREE_2_WIND2
RTREE_2_WIND3
RUSCTY_2_UNITS
RVRVIEW_1_UNITA1
RVSIDE_2_RERCU3
RVSIDE_2_RERCU4
RVSIDE_6_RERCU1
RVSIDE_6_RERCU2
RVSIDE_6_SOLAR1
RVSIDE_6_SPRING
S_RITA_6_SOLAR1
SALIRV_2_UNIT
SALTON_SEA_4
SALTON_SEA_5
SALTON_SEA_UNIT_2_G1
SALTON_SEA_UNIT_2_G2
SALTON_SEA_UNIT_2_G3
SALTSP_7_UNITS
SAMPSN_6_KELCO1
SANBRN_2_EESSB2
SANBRN_2_ES1BT3
SANBRN_2_ES2SB3
SANBRN_2_ESABT1
SANBRN_2_ESBBT1
SANBRN_2_SS2SB4
SANDHILLCWND
SANDLT_2_SUNITS
SANDRINISOL
SANITR_6_UNITS
SANLOB_1_LNDFIL
SANLOB_1_OSFBM1
SANTA_BARBARA_COUNTY_PUBLIC_WORKS_DEPARTMENT
SANTFG_7_UNITS
SANTGO_2_LNDFL1
SANTGO_2_MABBT1
SANWD_1_QF

LANCASTER B
ROSAMOND ONE
ROSAMOND TWO
ROSAMOND WEST SOLAR CLEAN
ROSAMOND WEST SOLAR EAST BAY 3
ROSAMOND WEST SOLAR EAST BAY 4
ROSAMOND WEST SOLAR 1
ROSAMOND WEST SOLAR 2
ROSAMOND WEST SOLAR PALO ALTO
ROSAMOND WEST SOLAR ROSIE X
RISING TREE 1
RISING TREE 2
RISING TREE 3
RUSSELL CITY ENERGY CENTER
RIVERVIEW ENERGY CENTER (GP ANTIOCH)
RIVERSIDE ENERGY RES. CTR UNIT 3
RIVERSIDE ENERGY RES. CTR UNIT 4
RIVERSIDE ENERGY RES. CTR UNIT 1
RIVERSIDE ENERGY RES. CTR UNIT 2
TEQUESQUITE LANDFILL SOLAR PROJECT
SPRINGS GENERATION PROJECT AGGREGATI
SUN HARVEST SOLAR
SALINAS RIVER COGENERATION
NAN
NAN
NAN
NAN
NAN
SALT SPRINGS HYDRO AGGREGATE
KELCO QUALIFYING FACILITY
EdSan 1 Edwards 0
EdSan 1 Edwards 1
EdSan 2 Sanborn 3
EDSAN 1A
EDSAN 1B
EdSan 2 Sanborn 4
NAN
MOJAVE SOLAR
NAN
LACSD CARSON WATER POLLUTION AGGREG
COLD CANYON
OLD SANTA FE ROAD
NAN
GEYSERS CALISTOGA AGGREGATE
BOWERMAN POWER
MILLIKAN AVENUE BESS
SAN GORGONIO FARMS WIND FARM

SAUGUS_2_TOLAND	NAN
SAUGUS_6_MWDFTH	FOOTHILL HYDROELECTRIC RECOVERY PLAN
SAUGUS_6_PTCHGN	NAN
SAUGUS_6_QF	SAUGUS QFS
SAUGUS_7_CHIQCN	CHIQUITA CANYON LANDFILL FAC
SAUGUS_7_LOPEZ	MM LOPEZ ENERGY
SBERDO_2_PSP3	MOUNTAINVIEW GEN STA. UNIT 3
SBERDO_2_PSP4	MOUNTAINVIEW GEN STA. UNIT 4
SBERDO_2_QF	NAN
SBERDO_2_REDLND	REDLANDS RT SOLAR
SBERDO_2_RTS005	SPVP005 REDLANDS RT SOLAR
SBERDO_2_RTS007	SPVP007 REDLANDS RT SOLAR
SBERDO_2_RTS011	SPVP011
SBERDO_2_RTS013	SPVP013
SBERDO_2_RTS016	SPVP016 REDLANDS RT SOLAR
SBERDO_2_RTS048	SPVP048
SBERDO_2_SNTANA	SANTA ANA PSP
SBERDO_6_MILLCK	MILL CREEK PSP
SCACOGEN2_CC	NAN
SCACOGEN2GT	NAN
SCATTERGOOD_1	NAN
SCATTERGOOD_2	NAN
SCATTERGOOD_4	NAN
SCATTERGOOD_5	NAN
SCATTERGOOD_6	NAN
SCATTERGOOD_7	NAN
SCE_AP_I	NAN
SCE_BIP_15	NAN
SCE_BIP_30	NAN
SCE_CBP_DA	NAN
SCE_CBP_DO	NAN
SCE_SDP_COMM	NAN
SCE_SDP_RESD	NAN
SCEHOV_2_HOOVER	SCEHOV_2_HOOVER
SCHLTE_1_PL1X3	TRACY COMBINED CYCLE POWER PLANT
SCHNDR_1_FIVPTS	FIVE POINTS SOLAR STATION
SCHNDR_1_OS2BM2	OPEN SKY DIGESTER GENSET 2
SCHNDR_1_WSTSDE	WESTSIDE SOLAR STATION
SDGE_BIP	NAN
SDGE_CBP_DA	NAN
SDGE_CBP_DO	NAN
SDGE_SUMM_SAV_RESD	NAN
SDGE_SUMMER_SAVER_COM	NAN
SDGEAC_SAVER_DA_COMM	NAN
SDGEAC_SAVER_DA_RES	NAN
SDGEAC_SAVER_DO_COMM	NAN
SDGEAC_SAVER_DO_RES	NAN

SDSU_GEN	NAN
SEARLS_7_ARGUS	ARGUS COGENERATION
SEAWST_6_LAPOS	SEA WEST ENERGY - SEAWEST
SECOND_IMPERIAL01_12	NAN
SEGS_1_SR2SL2	SUNRAY 2
SENTNL_2_CTG1	SENTINEL UNIT 1
SENTNL_2_CTG2	SENTINEL UNIT 2
SENTNL_2_CTG3	SENTINEL UNIT 3
SENTNL_2_CTG4	SENTINEL UNIT 4
SENTNL_2_CTG5	SENTINEL UNIT 5
SENTNL_2_CTG6	SENTINEL UNIT 6
SENTNL_2_CTG7	SENTINEL UNIT 7
SENTNL_2_CTG8	SENTINEL UNIT 8
SEPV_BOULEVARD_2	NAN
SEVILLE_2	NAN
SGREGY_6_SANGER	ALGONQUIN POWER SANGER 2
SHANDN_2_SBBBM1	SAN BERNARDINO BIOGAS
SHEEP_CREEK_ROAD_SOLAR_GENERATION_FACILITY_PROJECT	NAN
SHELRF_1_UNITS	SHELL OIL REFINERY AGGREGATE
SHUTLE_6_CREST	NAN
SIERRA_1_UNITS	HIGH SIERRA LIMITED
SIERRASTORAGE	NAN
SIGHEB_6_MIRDYN	Heber South
SISQUC_1_SMARIA	SANTA MARIA II LFG POWER PLANT
SKERN_6_SOLAR1	SOUTH KERN SOLAR PV PLANT
SKERN_6_SOLAR2	SKIC SOLAR
SLATE_2_SLASR1	SLATE
SLATE_2_SLASR2_SUN	Slate_2
SLATE_2_SLASR2_LESR	Slate_2
SLATE_2_SLASR3_LESR	SLATE_3
SLATE_2_SLASR3_SUN	SLATE_3
SLATE_2_SLASR4	SLATE_4
SLATE_2_SLASR5_LESR	Slate 5
SLATE_2_SLASR5_SUN	Slate 5
SLRMS3_2_SRMSR1	SILVER RIDGE MOUNT SIGNAL 3
SLST13_2_SOLAR1	QUINTO SOLAR PV PROJECT
SLSTR1_2_SOLAR1	SOLAR STAR 1
SLSTR2_2_SOLAR2	SOLAR STAR 2
SLUISP_2_UNITS	SAN LUIS (GIANELLI) PUMP-GEN (AGGREGAT
SLYCRK_1_UNIT 1	SLY CREEK HYDRO
SMPRIIP_1_SMPSON	RIPON COGENERATION UNIT 1
SMRCOS_6_LNDFIL	SAN MARCOS ENERGY
SMUDGO_7_UNIT 1	SONOMA POWER PLANT
SMYRNA_1_DL1SR1	DELANO LAND 1
SNCLRA_2_HOWLNG	HOUWELINGS NURSERIES OXNARD, INC
SNCLRA_2_SILBT1	SILVERSTRAND BESS
SNCLRA_2_SPRHYD	SPRINGVILLE HYDROELECTRIC GENERATOR

SNCLRA_2_UNIT
SNCLRA_2_UNIT1
SNCLRA_2_VESBT1
SNCLRA_6_OXGEN
SNCLRA_6_PROCGN
SNCLRA_6_QF
SNDBAR_7_UNIT 1
SNMALF_6_UNITS
SNORA_2_SNRSLR
SOL_GEN
SONRISASOLAR
SONRISASTORAGE
SOUTH_2_UNIT
SPA_COGEN_3_CC
SPANSH_6_FBEHY1
SPAULD_6_UNIT 3
SPAULD_6_UNIT12
SPBURN_2_UNIT 1
SPBURN_7_SNOWMT
SPI LI_2_UNIT 1
SPIAND_1_ANDSN2
SPICER_1_UNITS
SPIFBD_1_PL1X2
SPOINT_2_MEADDYN
SPOINT_2_PARKERDYN
SPQUIN_6_SRPCQU
SPRGAP_1_UNIT 1
SPRGVL_2_CREST
SPRGVL_2_EXETPV
SPRGVL_2_LINDPV
SPRGVL_2_PORTPV
SPRGVL_2_QF
SPRGVL_2_TULE
SPRGVL_2_TULESC
SPRINGBOK_1
SPRINGBOK_2
SPRINGBOK_3
SRINTL_6_UNIT
STANIS_7_UNIT 1
STANTN_2_STAGT1
STANTN_2_STAGT2
STAUFF_1_UNIT
STIGCT_2_LODI
STNRES_1_UNIT
STOILS_1_UNITS
STOREY_2_MDRCH2
STOREY_2_MDRCH3

CHANNEL ISLANDS POWER
NEW INDY OXNARD
VENTURA ENERGY STORAGE
OXGEN
PROCTER AND GAMBLE OXNARD 2
SANTA CLARA QFS
SANDBAR
SONOMA COUNTY LANDFILL
SG SORRENTO
NAN
NAN
NAN
SOUTH HYDRO
NAN
FIVE BEARS HYDROELECTRIC
SPAULDING HYDRO PH 3 UNIT
SPAULDING HYDRO PH 1 & 2 AGGREGATE
BURNEY BIOMASS
BURNEY CREEK HYDRO
LINCOLN BIOMASS
SPI ANDERSON 2
SPICER HYDRO UNITS 1-3 AGGREGATE
SIERRA PACIFIC IND. (SONORA)
SPOINT_2_MEADDYN
SOUTHPOINT ENERGY CENTER
QUINCY BIOMASS
SPRING GAP HYDRO
NAN
EXETER TULARE PV
LINDSAY TULARE PV
PORTERVILLE TULARE PV
SPRINGVILLE QFS
TULE RIVER HYDRO PLANT (PG&E)
TULE RIVER HYDRO PLANT (SCE)
NAN
NAN
NAN
SRI INTERNATIONAL
STANISLAUS HYDRO
STANTON 1
STANTON 2
NAN
LODI STIG UNIT
COVANTA STANISLAUS
CHEVRON RICHMOND REFINERY
MADERA CHOWCHILLA 2
MADERA CHOWCHILLA 3

STOREY_2_MDRCH4
STOREY_7_MDRCHW
STRAUSSWIND
STROUD_6_SOLAR
STROUD_6_WWHSR1
SUMWHT_6_SWSSR1
SUN_EDISON_VICTORVILLE_SOLAR
SUNCAT_2_A1ABT1
SUNCAT_2_A1BBT1
SUNCAT_2_A2ABT2
SUNPEAK_IID
SUNRIS_2_PL1X3
SUNSET_2_UNITS
SUNSHN_2_LNDFL
SUNSLR_1_SSVSR1
SUNSPT_2_WNASR1
SUNST2_5_SS2SR1
SUNSTR_5_SS1SCEDYN
SUTTER_2_CISO
SUTTERENERGYCC_TOTAL
SWIFT_1_NAS
SYCAMR_2_UNIT 1
SYCAMR_2_UNIT 2
SYCAMR_2_UNIT 3
SYCAMR_2_UNIT 4
TANHIL_6_SOLART
TBLMTN_6_QF
TECOLOTE_3_WBDYN
TEHAPI_2_PW1WD1
TEHAPI_2_PW2WD2
TEHAPI_2_WIND1
TEHAPI_2_WIND2
TENGEN_2_PL1X2
TERMEX_2_PL1X3
TESLA_1_QF
THERMONO1_2
THREE_MILE_CANYON
TIDWTR_2_UNITS
TIERRA_DEL_SOL__SOLAR_FARM
TIFFNY_1_DILLON
TIGRCK_7_UNITS
TITANS_2_TTSSR1
TKOPWR_6_HYDRO
TMPLTN_2_SOLAR
TOADTW_6_UNIT
TOPAZ_2_SOLAR
TORTLA_1_SOLAR

MADERA CHOWCHILLA 4
MADERA CANAL SITE 980
NAN
STROUD SOLAR STATION
WINTER WHEAT SOLAR FARM
SUMMER WHEAT SOLAR FARM
NAN
Arlington Solar Unit 1A BESS
Arlington Solar Unit 1B BESS
Arlington Solar Unit 2A BESS
NAN
SUNRISE POWER PROJECT AGGREGATE II
MIDWAY SUNSET COGENERATION PLANT
SUNSHINE GAS PRODUCERS
SUNSHINE VALLEY SOLAR 1
WINDHUB SOLAR A
SUN STREAMS SOLAR 2
SUNSTREAM SOLAR 1
SUTTER POWER PLANT PSEUDO-CISO
SUTTER POWER PLANT
YERBA BUENA BATTERY
SYCAMORE COGENERATION UNIT 1
SYCAMORE COGENERATION UNIT 2
SYCAMORE COGENERATION UNIT 3
SYCAMORE COGENERATION UNIT 4
BERRY COGEN 18
SMALL QF AGGREGATION - PARADISE
TECOLOTE WIND
POINT WIND 1
POINT WIND 2
WIND WALL MONOLITH 1
WIND WALL MONOLITH 2
BERRY COGEN 42
TDM
SMALL QF AGGREGATION - STOCKTON
NAN
NAN
MARTINEZ COGEN LIMITED PARTNERSHIP
NAN
TIFFNY_1_DILLON
TIGER CREEK HYDRO AGGREGATE
TITAN SOLAR 1 PSEUDO
BEAR CREEK HYDROELECTRIC PROJECT
VINTNER SOLAR
TOAD TOWN
TOPAZ SOLAR FARMS
LONGBOAT SOLAR

TOWNSITE_2_MEADDYN_LESR
TOWNSITE_2_MEADDYN_SUN
TRNQL8_2_AMASR1
TRNQL8_2_AZUSR1
TRNQL8_2_ROJSR1
TRNQL8_2_VERSR1
TRNQLT_2_RETBT1
TRNQLT_2_SOLAR
TRNSWD_1_QF
TULARE_2_TULBM1
TULEWD_1_TULWD1
TULLCK_7_UNITS
TUPMAN_1_BIOGAS
TVYVLY_6_KRSHY1
TWISL_6_SOLAR
TWISL_6_SOLAR1
TX_ELK_6_SOLAR1
TX-ELK_6_ECKSR2
TXMCKT_6_UNIT
UC_DAVIS_MC
UKIAH_7_LAKEMN
ULTPCH_1_UCSBT1
ULTPCH_1_UNIT 1
ULTPFR_1_UNIT 1
ULTRCK_2_UNIT
UNCHEM_1_UNIT
UNOCAL_1_UNITS
UNVRSY_1_UNIT 1
USWND2_1_WIND1
USWND2_1_WIND2
USWND2_1_WIND3
USWND4_2_UNIT2
USWNR_2_LABWD1
USWNR_2_SMUD
USWNR_2_SMUD2
USWNR_2_UNITS
USWPFK_6_FRICK
USWPJR_2_UNITS
V2_GEN
V3_GEN
VACADX_1_NAS
VACADX_1_SOLAR
VACADX_1_UNITA1
VALLEY_5_PERRIS
VALLEY_5_REDMTN
VALLEY_5_RTS044
VALLEY_5_SOLAR1

Townsite Solar BESS
Townsite Solar BESS
TRANQUILLITY 8 AMARILLO
TRANQUILLITY 8 AZUL
TRANQUILLITY 8 ROJO
TRANQUILLITY 8 VERDE
NAN
TRANQUILLITY
FPL ENERGY C WIND
TULARE BIOMAT FUEL CELL
TULE WIND
TULLOCK HYDRO
ABEC BIDART-STOCKALE #1
Kings River Syphon
NICKEL 1 ("NLH1")
CORONAL LOST HILLS
CASTOR
EAGLE CREEK
MCKITTRICK COGEN
NAN
UKIAH LAKE MENDOCINO HYDRO
Ultrapower Chinese Station BESS
PACIFIC ULTRAPOWER CHINESE STATION
RIO BRAVO FRESNO
RIO BRAVO ROCKLIN
CONTRA COSTA CARBON PLANT
TOSCO (RODEO PLANT)
BERRY COGEN 38 - UNIT 1
GOLDEN HILLS A
GOLDEN HILLS B
GOLDEN HILLS C
ALTAMONT LANDFILL GAS TO ENERGY
LABRISA WIND PROJECT
SOLANO WIND FARM
SOLANO WIND PROJECT PHASE 3
NAN
FRICK SUMMIT WIND REPOWER
VASCO WIND
NAN
NAN
VACA-DIXON BATTERY
VACA-DIXON SOLAR STATION
CALPEAK POWER VACA DIXON UNIT 1
MWD PERRIS HYDROELECTRIC RECOVERY PL
MWD RED MOUNTAIN HYDROELECTRIC REC
NAN
KONA SOLAR - MERIDIAN #1

VALLEY_5_SOLAR2
VALLEY_CC
VALLEY_UNIT_5
VALTNE_2_AVASR1
VALTNE_2_TBBBT1
VALTNE_2_TRSBT1
VAN_DER_KOOI_DAIRY_DIGESTER
VEAVST_1_SOLAR
VEDDER_1_SEKERN
VEGA_6_SOLAR1
VENWD_1_WIND1
VENWD_1_WIND2
VENWD_1_WIND3
VERNON_6_GONZL1
VERNON_6_GONZL2
VERNON_6_MALBRG
VESTAL_2_KERN
VESTAL_2_RTS042
VESTAL_2_SOLAR1
VESTAL_2_SOLAR2
VESTAL_2_TS5SR1
VESTAL_2_UNIT1
VESTAL_2_WELLHD
VESTAL_6_QF
VICTOR_1_CREST
VICTOR_1_EXSLRA
VICTOR_1_EXSLRB
VICTOR_1_LVSLR1
VICTOR_1_LVSLR2
VICTOR_1_SLRHES
VICTOR_1_SOLAR1
VICTOR_1_SOLAR2
VICTOR_1_SOLAR3
VICTOR_1_SOLAR4
VICTOR_1_VDRYFA
VICTOR_1_VDRYFB
VILLPK_2_VALLYV
VILLPK_6_MWDYOR
VINCNT_2_QF
VINCNT_2_WESTWD
VISTA_2_FCELL
VISTA_2_RIALTO
VISTA_2_RTS028
VISTA_6_QF
VISTRA_5_DALBT1
VISTRA_5_DALBT2
VISTRA_5_DALBT3

AP NORTH LAKE SOLAR
NAN
NAN
VALENTINE SOLAR
NAN
Tropico Solar
NAN
COMMUNITY SOLAR
TEXACO EXPLORATION & PROD (SE KERN RIV)
VEGA SOLAR
Windpark Unlimited 1
Windpark Unlimited 2
PAINTED HILLS
H. GONZALES UNIT #1
H. GONZALES UNIT #2
MALBURG GENERATING STATION
KERN RIVER PH 3 UNITS 1 & 2 AGGREGATE
SPVP042 PORTERVILLE SOLAR
NICOLIS
TROPICO
TULARE SOLAR 5
CALGREN-PIXLEY
WELLHEAD POWER DELANO
ISABELLA HYDRO DAM 1
NAN
EXPRESSWAY SOLAR A
EXPRESSWAY SOLAR B
LONE VALLEY SOLAR PARK 1
LONE VALLEY SOLAR PARK 2
SUNEDISON - HESPERIA
VICTOR PHELAN SOLAR ONE
ALAMO SOLAR
ADELANTO SOLAR 2
ADELANTO SOLAR
VICTOR DRY FARM RANCH A
VICTOR DRY FARM RANCH B
MWD VALLEY VIEW HYDROELECTRIC RECOV
YORBA LINDA HYDROELECTRIC RECOVERY PI
NAN
NAN
CSUSB FUEL CELL
RIALTO RT SOLAR
SPVP028
VISTA QFS
DALLAS ENERGY STORAGE
DALLAS ENERGY STORAGE 2
DALLAS ENERGY STORAGE 3

VISTRA_5_DALBT4	DALLAS ENERGY STORAGE 4
VLCNTR_6_VCEBT1	Valley Center Energy Storage
VLCNTR_6_VCEBT2	Valley Center Energy Storage B
VLCNTR_6_VCSLR	COLE GRADE
VLCNTR_6_VCSLR1	VALLEY CENTER 1
VLCNTR_6_VCSLR2	VALLEY CENTER 2
VLYHOM_7_SSJID	WOODWARD POWER PLANT
VOLTA_2_UNIT 1	VOLTA HYDRO UNIT 1
VOLTA_2_UNIT 2	VOLTA HYDRO UNIT 2
VOLTA_6_BAILCK	BAILEY CREEK RANCH
VOLTA_6_DIGHYD	DIGGER CREEK RANCH HYDRO
VOLTA_7_PONHY1	VOLTA_7_PONHY1
VOLTA_7_QFUNTS	VOLTA_7_QFUNTS
VOYAGR_2_VOAWD5	VOYAGER WIND OASIS ALTA
VOYAGR_2_VOYWD1	VOYAGER 1
VOYAGR_2_VOYWD2	VOYAGER WIND 2
VOYAGR_2_VOYWD3	VOYAGER WIND 3
VOYAGR_2_VOYWD4	VOYAGER WIND 4
VSTAES_6_VESBT1	VISTA ENERGY STORAGE
VULCAN_1	NAN
VULCAN_2	NAN
VULCAN_EXPANDER	NAN
WADHAM_6_UNIT	WADHAM ENERGY LP
WALCRK_2_CTG1	WALNUT CREEK ENERGY PARK UNIT 1
WALCRK_2_CTG2	WALNUT CREEK ENERGY PARK UNIT 2
WALCRK_2_CTG3	WALNUT CREEK ENERGY PARK UNIT 3
WALCRK_2_CTG4	WALNUT CREEK ENERGY PARK UNIT 4
WALCRK_2_CTG5	WALNUT CREEK ENERGY PARK UNIT 5
WALNUT_2_SOLAR	INDUSTRY METROLINK PV 1
WALNUT_6_HILLGEN	PUENTE HILLS
WALNUT_7_WCOVCT	NAN
WALNUT_7_WCOVST	MM WEST COVINA - ST UNIT
WARNE_2_UNIT	WARNE HYDRO AGGREGATE
WAUKNA_1_SOLAR	CORCORAN SOLAR
WAUKNA_1_SOLAR2	CORCORAN 2
WDLEAF_7_UNIT 1	WOODLEAF HYDRO
WEBER_6_FORWRD	FORWARD
WESTLANDSSOLAR	NAN
WESTPT_2_UNIT	WEST POINT HYDRO PLANT
WFRESN_1_SOLAR	JOYA DEL SOL
WHEATL_6_LNDFIL	G2 ENERGY, OSTROM ROAD LLC
WHITEH_2_MEADDYN1	WHITE HILLS A
WHITEH_2_MEADDYN2	WHITE HILLS B
WHITNY_6_SOLAR	WHITNEY POINT SOLAR
WHTWTR_1_WINDA1	WHITewater HILL WIND PROJECT
WILLMS_6_ARBBM1	Abel Road Bioenergy
WILSONASOLAR	NAN

WISE_1_UNIT 1	WISE HYDRO UNIT 1
WISE_1_UNIT 2	WISE HYDRO UNIT 2
WISHON_6_UNITS	WISHON/SAN JOAQUIN #1-A AGGREGATE
WISTER_2_WISSR1	Wister Solar
WISTRA_2_WRSSR1	WISTARIA RANCH SOLAR
WLDWD_1_SOLAR1	WILDWOOD SOLAR I
WLDWD_1_SOLAR2	WILDWOOD SOLAR 2
WNDMAS_2_UNIT 1	BUENA VISTA ENERGY, LLC
WNDSTR_2_WIND	WINDSTAR
WOLFSK_1_UNITA1	WOLFSKILL ENERGY CENTER
WOODLAND_1	NAN
WOODLAND_3A	NAN
WOODLAND_3B	NAN
WOODLAND_3C	NAN
WOODLAND_3D	NAN
WOODLAND_3E	NAN
WOODLAND_3F	NAN
WOODLAND_CC	NAN
WOODWR_1_HYDRO	QUINTEN LUALLEN
WRGHTP_7_AMENGY	SMALL QF AGGREGATION - LOS BANOS
WRGTSR_2_WSFSR1	WRIGHT SOLAR FREEMAN
WRIGHTFREEMANSTORAGE	NAN
WSENGY_1_UNIT 1	WHEELABRATOR SHASTA
WSNR_2_CVPDYN	CENTRAL VALLEY 1
WSNR_2_TESLADYN	CENTRAL VALLEY TESLA
WSNR_5_TRCYDYN	CENTRAL VALLEY TRACY
WSTWND_2_M89WD1_LESR	Mojave 89
WSTWND_2_M89WD1_WIND	Mojave 89
WSTWND_2_M90BT1	MOJAVE 90 BESS 1A
WSTWND_2_M90WD2	MOJAVE 90
WSTWND_2_SBSBT1	Sagebrush Solar 2
YUBACT_1_SUNSWT	YUBA CITY COGEN
YUBACT_6_UNITA1	YUBA CITY ENERGY CENTER (CALPINE)
YUCCA_GT21	NAN
YUCCA_ST1	NAN
ZOND_6_UNIT	ZOND WINDSYSTEMS INC.
_BRANCH_GENERIC_AMARGO_ITC	AMARGOSA230
_BRANCH_GENERIC_BLYTHE_ITC	BLYTHE161
_BRANCH_GENERIC_CASCADE_ITC	CRAG
_BRANCH_GENERIC_CFE_ITC	CFETIJ & CFEROA
_BRANCH_GENERIC_COTPISO_ITC	TRCYCOTPISO
_BRANCH_GENERIC_CTW230_ITC	CTW230
_BRANCH_GENERIC_ELDORADO_ITC	WILLOWBEACH
_BRANCH_GENERIC_GONDIPPDC_ITC	GONIPP
_BRANCH_GENERIC_IID-SCE_ITC	MIR2
_BRANCH_GENERIC_IID-SDGE_ITC	IVLY2
_BRANCH_GENERIC_IPPDCADLN_ITC	IPP & IPPUTAH

_BRANCH_GENERIC_LAUGHLIN_ITC	MOHAVE500
_BRANCH_GENERIC_LLNL_ITC	LLL115
_BRANCH_GENERIC_MALIN500_ISL	MALIN500
_BRANCH_GENERIC_MARBLE_ITC	MARBLE60
_BRANCH_GENERIC_MCCLMKTPC_ITC	MCCULLOUGH500
_BRANCH_GENERIC_MCCULLGH_ITC	ELDORADO500
_BRANCH_GENERIC_MEADMKTPC_ITC	MEAD5MSCHD
_BRANCH_GENERIC_MEADTMEAD_ITC	MEAD2MSCHD
_BRANCH_GENERIC_MEAD_ITC	MEAD230
_BRANCH_GENERIC_MERCHANT_ITC	ELDORADO230
_BRANCH_GENERIC_MERCURY_ITC	MERCURY138
_BRANCH_GENERIC_MKTPCADLN_ITC	MARKETPLACE
_BRANCH_GENERIC_MONAIPPDC_ITC	MDWP
_BRANCH_GENERIC_NEWMELONP_ITC	NML230
_BRANCH_GENERIC_NOB_ITC	NOB
_BRANCH_GENERIC_NORTHGILA500_ITC	NORTHGILA500
_BRANCH_GENERIC_NWEST230_ITC	NWEST
_BRANCH_GENERIC_OAKDALE_ITC	OAKDALE
_BRANCH_GENERIC_PALOVRDE_ITC	PVWEST
_BRANCH_GENERIC_PARKER_ITC	PARKER230
_BRANCH_GENERIC_RDM230_ITC	RDM230
_BRANCH_GENERIC_RNCHLAKE_ITC	LAKE & RANCHOSECO
_BRANCH_GENERIC_SILVERPK_ITC	SILVERPEAK55
_BRANCH_GENERIC_STANDIFORD_ITC	STANDIFORD
_BRANCH_GENERIC_SUMMIT_ITC	SUMMIT120
_BRANCH_GENERIC_SYLMAR-AC_ITC	SYLMAR
_BRANCH_GENERIC_TRACY230_ITC	TESLA230
_BRANCH_GENERIC_TRACY500_ITC	TRCYPGAE & TRCYCOTP
_BRANCH_GENERIC_TRCYTEA_ITC	TRCYTEA
_BRANCH_GENERIC_VICTVL_ITC	LUGO
_BRANCH_GENERIC_WESTLYLBNS_ITC	WESTLYQNT0
_BRANCH_GENERIC_WESTLYTSLA_ITC	WESTLYTSLA
_BRANCH_GENERIC_WSTWGMEAD_ITC	WESTWING500
_CREZ_GENERIC_ARIZONA_SOLAR	NAN
_CREZ_GENERIC_ARIZONA_WIND	NAN
_CREZ_GENERIC_BAJA_CALIFORNIA_SOLAR	NAN
_CREZ_GENERIC_BAJA_CALIFORNIA_WIND	NAN
_CREZ_GENERIC_CAPE_MENDOCINO_OFFSHORE_WIND	NAN
_CREZ_GENERIC_CARRIZO_SOLAR	NAN
_CREZ_GENERIC_CARRIZO_WIND	NAN
_CREZ_GENERIC_CENTRAL_VALLEY_NORTH_LOS_BANOS_SOLAR	NAN
_CREZ_GENERIC_CENTRAL_VALLEY_NORTH_LOS_BANOS_WIND	NAN
_CREZ_GENERIC_DEL_NORTE_OFFSHORE_WIND	NAN
_CREZ_GENERIC_DIABLO_CANYON_EXT_TX_OFFSHORE_WIND	NAN
_CREZ_GENERIC_DIABLO_CANYON_OFFSHORE_WIND	NAN
_CREZ_GENERIC_DISTRIBUTED_SOLAR	NAN
_CREZ_GENERIC_DISTRIBUTED_WIND	NAN

_CREZ_GENERIC_GREATER_IMPERIAL_GEOTHERMAL	NAN
_CREZ_GENERIC_GREATER_IMPERIAL_SOLAR	NAN
_CREZ_GENERIC_GREATER_IMPERIAL_WIND	NAN
_CREZ_GENERIC_GREATER_KRAMER_SOLAR	NAN
_CREZ_GENERIC_GREATER_KRAMER_WIND	NAN
_CREZ_GENERIC_HUMBOLDT_BAY_OFFSHORE_WIND	NAN
_CREZ_GENERIC_HUMBOLDT_WIND	NAN
_CREZ_GENERIC_IDAHO_WIND	NAN
_CREZ_GENERIC_INSTATE_BIOMASS	NAN
_CREZ_GENERIC_INYOKERN_NORTH_KRAMER_GEOTHERMAL	NAN
_CREZ_GENERIC_INYOKERN_NORTH_KRAMER_SOLAR	NAN
_CREZ_GENERIC_KERN_GREATER_CARRIZO_SOLAR	NAN
_CREZ_GENERIC_KERN_GREATER_CARRIZO_WIND	NAN
_CREZ_GENERIC_KRAMER_INYOKERN_EX_SOLAR	NAN
_CREZ_GENERIC_KRAMER_INYOKERN_EX_WIND	NAN
_CREZ_GENERIC_MORRO_BAY_OFFSHORE_WIND	NAN
_CREZ_GENERIC_MOUNTAIN_PASS_EL_DORADO_SOLAR	NAN
_CREZ_GENERIC_NEW_MEXICO_SOLAR	NAN
_CREZ_GENERIC_NEW_MEXICO_WIND	NAN
_CREZ_GENERIC_NORTHERN_CALIFORNIA_EX_GEOTHERMAL	NAN
_CREZ_GENERIC_NORTHERN_CALIFORNIA_EX_SOLAR	NAN
_CREZ_GENERIC_NORTHERN_CALIFORNIA_EX_WIND	NAN
_CREZ_GENERIC_NORTH_VICTOR_SOLAR	NAN
_CREZ_GENERIC_NW_BIOMASS	NAN
_CREZ_GENERIC_NW_EXT_TX_WIND	NAN
_CREZ_GENERIC_NW_SMALL_HYDRO	NAN
_CREZ_GENERIC_PACIFIC_NORTHWEST_GEOTHERMAL	NAN
_CREZ_GENERIC_PACIFIC_NORTHWEST_WIND	NAN
_CREZ_GENERIC_RIVERSIDE_PALM_SPRINGS_GEOTHERMAL	NAN
_CREZ_GENERIC_RIVERSIDE_PALM_SPRINGS_SOLAR	NAN
_CREZ_GENERIC_SACRAMENTO_RIVER_SOLAR	NAN
_CREZ_GENERIC_SACRAMENTO_RIVER_WIND	NAN
_CREZ_GENERIC_SCADSNV_SOLAR	NAN
_CREZ_GENERIC_SCADSNV_WIND	NAN
_CREZ_GENERIC_SOLANO_GEOTHERMAL	NAN
_CREZ_GENERIC_SOLANO_SOLAR	NAN
_CREZ_GENERIC_SOLANO_SUBZONE_SOLAR	NAN
_CREZ_GENERIC_SOLANO_SUBZONE_WIND	NAN
_CREZ_GENERIC_SOLANO_WIND	NAN
_CREZ_GENERIC_SOUTHERN_CALIFORNIA_DESERT_EX_SOLAR	NAN
_CREZ_GENERIC_SOUTHERN_CALIFORNIA_DESERT_EX_WIND	NAN
_CREZ_GENERIC_SOUTHERN_CA_DESERT_SOUTHERN_NV_SOLAR	NAN
_CREZ_GENERIC_SOUTHERN_CA_DESERT_SOUTHERN_NV_WIND	NAN
_CREZ_GENERIC_SOUTHERN_NEVADA_GEOTHERMAL	NAN
_CREZ_GENERIC_SOUTHERN_NEVADA_SOLAR	NAN
_CREZ_GENERIC_SOUTHERN_NEVADA_WIND	NAN
_CREZ_GENERIC_SW_BIOMASS	NAN

_CREZ_GENERIC_SW_EXT_TX_WIND	NAN
_CREZ_GENERIC_TEHACHAPI_EX_SOLAR	NAN
_CREZ_GENERIC_TEHACHAPI_SOLAR	NAN
_CREZ_GENERIC_TEHACHAPI_WIND	NAN
_CREZ_GENERIC_UTAH_SOLAR	NAN
_CREZ_GENERIC_UTAH_WIND	NAN
_CREZ_GENERIC_WESTLANDS_EX_SOLAR	NAN
_CREZ_GENERIC_WESTLANDS_EX_WIND	NAN
_CREZ_GENERIC_WESTLANDS_SOLAR	NAN
_CREZ_GENERIC_WYOMING_WIND	NAN
_CREZ_UNBUNDLEDREC_ARIZONA_SOLAR	NAN
_CREZ_UNBUNDLEDREC_ARIZONA_WIND	NAN
_CREZ_UNBUNDLEDREC_BAJA_CALIFORNIA_SOLAR	NAN
_CREZ_UNBUNDLEDREC_BAJA_CALIFORNIA_WIND	NAN
_CREZ_UNBUNDLEDREC_CAPE_MENDOCINO_OFFSHORE_WIND	NAN
_CREZ_UNBUNDLEDREC_CARRIZO_SOLAR	NAN
_CREZ_UNBUNDLEDREC_CARRIZO_WIND	NAN
_CREZ_UNBUNDLEDREC_CENTRAL_VALLEY_NORTH_LOS_BANOS	NAN
_CREZ_UNBUNDLEDREC_CENTRAL_VALLEY_NORTH_LOS_BANOS	NAN
_CREZ_UNBUNDLEDREC_DEL_NORTE_OFFSHORE_WIND	NAN
_CREZ_UNBUNDLEDREC_DIABLO_CANYON_EXT_TX_OFFSHORE	NAN
_CREZ_UNBUNDLEDREC_DIABLO_CANYON_OFFSHORE_WIND	NAN
_CREZ_UNBUNDLEDREC_DISTRIBUTED_SOLAR	NAN
_CREZ_UNBUNDLEDREC_DISTRIBUTED_WIND	NAN
_CREZ_UNBUNDLEDREC_GREATER_IMPERIAL_GEOTHERMAL	NAN
_CREZ_UNBUNDLEDREC_GREATER_IMPERIAL_SOLAR	NAN
_CREZ_UNBUNDLEDREC_GREATER_IMPERIAL_WIND	NAN
_CREZ_UNBUNDLEDREC_GREATER_KRAMER_SOLAR	NAN
_CREZ_UNBUNDLEDREC_GREATER_KRAMER_WIND	NAN
_CREZ_UNBUNDLEDREC_HUMBOLDT_BAY_OFFSHORE_WIND	NAN
_CREZ_UNBUNDLEDREC_HUMBOLDT_WIND	NAN
_CREZ_UNBUNDLEDREC_IDAHO_WIND	NAN
_CREZ_UNBUNDLEDREC_INSTATE_BIOMASS	NAN
_CREZ_UNBUNDLEDREC_INYOKERN_NORTH_KRAMER_GEOTHER	NAN
_CREZ_UNBUNDLEDREC_INYOKERN_NORTH_KRAMER_SOLAR	NAN
_CREZ_UNBUNDLEDREC_KERN_GREATER_CARRIZO_SOLAR	NAN
_CREZ_UNBUNDLEDREC_KERN_GREATER_CARRIZO_WIND	NAN
_CREZ_UNBUNDLEDREC_KRAMER_INYOKERN_EX_SOLAR	NAN
_CREZ_UNBUNDLEDREC_KRAMER_INYOKERN_EX_WIND	NAN
_CREZ_UNBUNDLEDREC_MORRO_BAY_OFFSHORE_WIND	NAN
_CREZ_UNBUNDLEDREC_MOUNTAIN_PASS_EL_DORADO_SOLAR	NAN
_CREZ_UNBUNDLEDREC_NEW_MEXICO_SOLAR	NAN
_CREZ_UNBUNDLEDREC_NEW_MEXICO_WIND	NAN
_CREZ_UNBUNDLEDREC_NORTHERN_CALIFORNIA_EX_GEOTHERI	NAN
_CREZ_UNBUNDLEDREC_NORTHERN_CALIFORNIA_EX_SOLAR	NAN
_CREZ_UNBUNDLEDREC_NORTHERN_CALIFORNIA_EX_WIND	NAN
_CREZ_UNBUNDLEDREC_NORTH_VICTOR_SOLAR	NAN

_CREZ_UNBUNDLEDREC_NW_BIOMASS	NAN
_CREZ_UNBUNDLEDREC_NW_EXT_TX_WIND	NAN
_CREZ_UNBUNDLEDREC_NW_SMALL_HYDRO	NAN
_CREZ_UNBUNDLEDREC_PACIFIC_NORTHWEST_GEOTHERMAL	NAN
_CREZ_UNBUNDLEDREC_PACIFIC_NORTHWEST_WIND	NAN
_CREZ_UNBUNDLEDREC_RIVERSIDE_PALM_SPRINGS_GEOTHERM	NAN
_CREZ_UNBUNDLEDREC_RIVERSIDE_PALM_SPRINGS_SOLAR	NAN
_CREZ_UNBUNDLEDREC_SACRAMENTO_RIVER_SOLAR	NAN
_CREZ_UNBUNDLEDREC_SACRAMENTO_RIVER_WIND	NAN
_CREZ_UNBUNDLEDREC_SCADSNV_SOLAR	NAN
_CREZ_UNBUNDLEDREC_SCADSNV_WIND	NAN
_CREZ_UNBUNDLEDREC_SOLANO_GEOTHERMAL	NAN
_CREZ_UNBUNDLEDREC_SOLANO_SOLAR	NAN
_CREZ_UNBUNDLEDREC_SOLANO_SUBZONE_SOLAR	NAN
_CREZ_UNBUNDLEDREC_SOLANO_SUBZONE_WIND	NAN
_CREZ_UNBUNDLEDREC_SOLANO_WIND	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_CALIFORNIA_DESERT_EX_S	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_CALIFORNIA_DESERT_EX_W	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_CA_DESERT_SOUTHERN_N	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_CA_DESERT_SOUTHERN_N	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_NEVADA_GEOTHERMAL	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_NEVADA_SOLAR	NAN
_CREZ_UNBUNDLEDREC_SOUTHERN_NEVADA_WIND	NAN
_CREZ_UNBUNDLEDREC_SW_BIOMASS	NAN
_CREZ_UNBUNDLEDREC_SW_EXT_TX_WIND	NAN
_CREZ_UNBUNDLEDREC_TEHACHAPI_EX_SOLAR	NAN
_CREZ_UNBUNDLEDREC_TEHACHAPI_SOLAR	NAN
_CREZ_UNBUNDLEDREC_TEHACHAPI_WIND	NAN
_CREZ_UNBUNDLEDREC_UTAH_SOLAR	NAN
_CREZ_UNBUNDLEDREC_UTAH_WIND	NAN
_CREZ_UNBUNDLEDREC_WESTLANDS_EX_SOLAR	NAN
_CREZ_UNBUNDLEDREC_WESTLANDS_EX_WIND	NAN
_CREZ_UNBUNDLEDREC_WESTLANDS_SOLAR	NAN
_CREZ_UNBUNDLEDREC_WYOMING_WIND	NAN
_EXISTING_GENERIC_BATTERY_STORAGE	NAN
_EXISTING_GENERIC_BIOGAS_LANDFILLGAS	NAN
_EXISTING_GENERIC_BIOMASS/WOOD	NAN
_EXISTING_GENERIC_COAL	NAN
_EXISTING_GENERIC_COGEN	NAN
_EXISTING_GENERIC_COMBINED_CYCLE	NAN
_EXISTING_GENERIC_DR	NAN
_EXISTING_GENERIC_GEOTHERMAL	NAN
_EXISTING_GENERIC_ICE	NAN
_EXISTING_GENERIC_INSTATE_LARGE_HYDRO	NAN
_EXISTING_GENERIC_INSTATE_SMALL_HYDRO	NAN
_EXISTING_GENERIC_NUCLEAR	NAN
_EXISTING_GENERIC_NW_HYDRO	NAN

_EXISTING_GENERIC_PEAKE	NAN
_EXISTING_GENERIC_PUMPED_STORAGE_HYDRO	NAN
_EXISTING_GENERIC_SOLAR_1AXIS	NAN
_EXISTING_GENERIC_SOLAR_2AXIS	NAN
_EXISTING_GENERIC_SOLAR_FIXED	NAN
_EXISTING_GENERIC_SOLAR_THERMAL	NAN
_EXISTING_GENERIC_STEAM	NAN
_EXISTING_GENERIC_UNKNOWN	NAN
_EXISTING_GENERIC_WIND	NAN
_NEW_BT	NAN
_NEW_BT	NAN
_NEW_BT_RESOURCE	NAN
_NEW_DG	NAN
_NEW_EV	NAN
_NEW_GENERIC_BATTERY_STORAGE	NAN
_NEW_GENERIC_BIOGAS_LANDFILLGAS	NAN
_NEW_GENERIC_BIOMASS/WOOD	NAN
_NEW_GENERIC_COAL	NAN
_NEW_GENERIC_COGEN	NAN
_NEW_GENERIC_COMBINED_CYCLE	NAN
_NEW_GENERIC_DR	NAN
_NEW_GENERIC_GEOTHERMAL	NAN
_NEW_GENERIC_ICE	NAN
_NEW_GENERIC_INSTATE_LARGE_HYDRO	NAN
_NEW_GENERIC_INSTATE_SMALL_HYDRO	NAN
_NEW_GENERIC_NUCLEAR	NAN
_NEW_GENERIC_NW_HYDRO	NAN
_NEW_GENERIC_PEAKE	NAN
_NEW_GENERIC_PUMPED_STORAGE_HYDRO	NAN
_NEW_GENERIC_SOLAR_1AXIS	NAN
_NEW_GENERIC_SOLAR_2AXIS	NAN
_NEW_GENERIC_SOLAR_FIXED	NAN
_NEW_GENERIC_SOLAR_THERMAL	NAN
_NEW_GENERIC_STEAM	NAN
_NEW_GENERIC_UNKNOWN	NAN
_NEW_GENERIC_WIND	NAN
_NEW_TOU	NAN
_SUPPLIERS_CHOICE	NAN
_UNSPECIFIED_NON_IMPORT	NAN

MAXGEN	resolve_final_group	BAA_ID	supertype
	20 caiso_solar	CISO	physical
	20 caiso_solar	CISO	physical
	10 ldwp_solar	LADWP	physical
	20 caiso_solar	CISO	physical
	22 caiso_geothermal	CISO	physical
	19 caiso_solar	CISO	physical
	20 caiso_solar	CISO	physical
	40 caiso_hydro	WALC	specifiedimport
22.69	caiso_peaker1	CISO	physical
49.9	caiso_ccgt2	CISO	physical
290	caiso_solar	CISO	physical
123	caiso_solar	CISO	physical
674.7	caiso_ccgt1	CISO	physical
100.45	caiso_li_battery	CISO	physical
326.76	caiso_st	CISO	physical
334.43	caiso_st	CISO	physical
	480 caiso_st	CISO	physical
	17 caiso_hydro	CISO	physical
	50 iid_solar	IID	specifiedimport
0.52	caiso_small_hydro	CISO	physical
	50 caiso_li_battery	CISO	physical
	125 caiso_solar	CISO	physical
	100 caiso_solar	CISO	physical
	100 caiso_solar	CISO	physical
	132 caiso_solar	CISO	physical
	25 caiso_peaker2	CISO	physical
	25 caiso_peaker2	CISO	physical
	20 caiso_solar	CISO	physical
	50 caiso_solar	CISO	physical
164.31	caiso_wind	CISO	physical
	132 caiso_wind	CISO	physical
	102 caiso_wind	CISO	physical
	168 caiso_wind	CISO	physical
	150 caiso_wind	CISO	physical
	150 caiso_wind	CISO	physical
	150 caiso_wind	CISO	physical
	150 caiso_wind	CISO	physical
	150 caiso_wind	CISO	physical
88.15	caiso_wind	CISO	physical
134.84	caiso_wind	CISO	physical
	40 caiso_li_battery	CISO	physical
28.84	caiso_wind	CISO	physical
	9.8 caiso_wind	CISO	physical
	50.4 caiso_wind	CISO	physical
	49.4 caiso_peaker1	CISO	physical
	49.4 caiso_peaker1	CISO	physical

49.4 caiso_peaker1	CISO	physical
49.4 caiso_peaker1	CISO	physical
40.64 caiso_peaker1	CISO	physical
4 caiso_wind	CISO	physical
20 iid_solar	IID	specifiedimport
538.7 ldwp_ccgt	LADWP	physical
2.68 caiso_hydro	CISO	physical
1 caiso_small_hydro	CISO	physical
250 caiso_solar	CISO	physical
150 caiso_solar	CISO	physical
50 caiso_li_battery	CISO	physical
19.95 caiso_wind	CISO	physical
416.6 caiso_chp	CISO	physical
50 iid_solar	IID	specifiedimport
565 SW_CCGT	AZPS	specifiedimport
100 caiso_solar	CISO	physical
131 caiso_solar	CISO	physical
127 caiso_solar	SRP	specifiedimport
12 caiso_solar	CISO	physical
8 caiso_solar	CISO	physical
100 caiso_solar	CISO	physical
75 caiso_solar	CISO	physical
250 caiso_solar	CISO	physical
200 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
6 caiso_solar	CISO	physical
7.9 caiso_solar	CISO	physical
7.9 caiso_solar	CISO	physical
19 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
241.5 caiso_solar	CISO	physical
60 caiso_solar	CISO	physical
38 caiso_li_battery	CISO	physical
5 caiso_solar	CISO	physical
31 caiso_hydro	CISO	physical
52.5 caiso_hydro	CISO	physical
54.6 caiso_hydro	CISO	physical
1 caiso_small_hydro	CISO	physical
270 caiso_pumped_hydro	CISO	physical
0.2 caiso_small_hydro	CISO	physical
47 caiso_peaker1	CISO	physical
120 caiso_chp	CISO	physical
428 caiso_hydro	BPAT	specifiedimport
48.08 caiso_peaker1	CISO	physical
125 ldwp_solar	LADWP	physical
11.5 caiso_hydro	CISO	physical

49.21 caiso_peaker2	CISO	physical
167 caiso_wind	AZPS	specifiedimport
130 caiso_wind	AZPS	specifiedimport
119 caiso_hydro	CISO	physical
1.6 caiso_solar	CISO	physical
105 caiso_solar	CISO	physical
100 caiso_solar	CISO	physical
17 caiso_solar	CISO	physical
15 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
40 caiso_li_battery	CISO	physical
820 caiso_hydro	CISO	physical
0.3 caiso_hydro	CISO	physical
1.25 caiso_small_hydro	CISO	physical
127 caiso_li_battery	CISO	physical
100 caiso_li_battery	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
40 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
85 caiso_solar	CISO	physical
50 caiso_solar	CISO	physical
0.75 caiso_biomass	CISO	physical
0.75 caiso_biomass	CISO	physical
25.5 caiso_biomass	CISO	physical
14.4 caiso_biomass	CISO	physical
13.4 caiso_small_hydro	CISO	physical
15.8 caiso_small_hydro	CISO	physical
1.38 caiso_solar	CISO	physical
85 caiso_hydro	CISO	physical
84.1 caiso_hydro	CISO	physical
15 caiso_li_battery	CISO	physical
49 caiso_wind	CISO	physical
6.2 caiso_small_hydro	CISO	physical
12 caiso_solar	CISO	physical
230 caiso_li_battery	CISO	physical
250 caiso_solar	CISO	physical
200 caiso_li_battery	CISO	physical
60 caiso_li_battery	CISO	physical
72 caiso_geothermal	CISO	physical
3 caiso_biomass	CISO	physical
12 caiso_biomass	CISO	physical

21 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
63 caiso_li_battery	CISO	physical
1 caiso_small_hydro	CISO	physical
47.6 caiso_peaker1	CISO	physical
51.25 caiso_peaker2	CISO	physical
3.6 caiso_small_hydro	CISO	physical
1.49 caiso_small_hydro	CISO	physical
162 caiso_wind	CISO	physical
78.2 caiso_wind	CISO	physical
36.8 caiso_wind	CISO	physical
150 caiso_wind	CISO	physical
150 caiso_wind	CISO	physical
102.5 caiso_wind	CISO	physical
100 caiso_wind	CISO	physical
6.3 caiso_solar	CISO	physical
26 caiso_solar	CISO	physical
102 caiso_wind	CISO	physical
493.63 caiso_ccgt2	CISO	physical
0.99 caiso_small_hydro	CISO	physical
1.3 caiso_small_hydro	CISO	physical
57.25 caiso_hydro	CISO	physical
2.4 caiso_solar	CISO	physical
16.5 caiso_wind	CISO	physical
1.32 caiso_wind	CISO	physical
29 caiso_biomass	CISO	physical
39.5 caiso_hydro	CISO	physical
50 caiso_solar	CISO	physical
100 caiso_solar	CISO	physical
41 caiso_wind	CISO	physical
60 caiso_li_battery	CISO	physical
130 caiso_solar	CISO	physical
150 caiso_solar	CISO	physical
80 caiso_geothermal	CISO	physical
28.56 caiso_ccgt1	CISO	physical
19.9 iid_solar	IID	specifiedimport
9.99 caiso_hydro	CISO	physical
0.55 caiso_biomass	CISO	physical
2.4 caiso_solar	CISO	physical
45 caiso_solar	CISO	physical
15 caiso_solar	CISO	physical
8 caiso_small_hydro	CISO	physical
20 caiso_solar	CISO	physical
19.55 caiso_wind	CISO	physical
49 caiso_hydro	CISO	physical
120 caiso_hydro	CISO	physical
24 caiso_hydro	CISO	physical

1.1 caiso_biomass	CISO	physical
1.1 caiso_biomass	CISO	physical
422 caiso_peaker1	CISO	physical
105.5 caiso_peaker1	CISO	physical
62.7 banc_ccgt	BANC	physical
42 banc_peaker	BANC	physical
40 caiso_geothermal	CISO	physical
25 caiso_li_battery	CISO	physical
240 ldwp_pumped_hydro	LADWP	physical
250 ldwp_pumped_hydro	LADWP	physical
240 ldwp_pumped_hydro	LADWP	physical
240 ldwp_pumped_hydro	LADWP	physical
240 ldwp_pumped_hydro	LADWP	physical
250 ldwp_pumped_hydro	LADWP	physical
1.4 caiso_biomass	CISO	physical
110 caiso_solar	CISO	physical
18 caiso_solar	CISO	physical
40 caiso_solar	CISO	physical
210 caiso_solar	CISO	physical
4.3 caiso_biomass	CISO	physical
415.3 caiso_pumped_hydro	CISO	physical
0.98 caiso_small_hydro	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
15 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
40 caiso_solar	CISO	physical
1.91 caiso_hydro	CISO	physical
0.9 caiso_solar	CISO	physical
0.99 caiso_chp	CISO	physical
47.11 caiso_peaker1	CISO	physical
41.4 caiso_peaker1	CISO	physical
64.9 caiso_solar	CISO	physical
25 caiso_li_battery	CISO	physical
48.67 caiso_peaker2	CISO	physical
19.87 caiso_chp	CISO	physical
11.5 caiso_chp	CISO	physical
16.5 caiso_chp	CISO	physical
8.5 caiso_chp	CISO	physical
24.3 caiso_chp	CISO	physical
124.87 caiso_chp	CISO	physical
42 caiso_hydro	CISO	physical
1.5 caiso_biomass	CISO	physical
2.25 caiso_biomass	CISO	physical
20 caiso_li_battery	CISO	physical
1.5 caiso_solar	CISO	physical
0.19 caiso_biomass	CISO	physical

1.5 caiso_solar	CISO	physical
1 caiso_solar	CISO	physical
1.49 caiso_solar	CISO	physical
26 caiso_chp	CISO	physical
44 caiso_peaker2	CISO	physical
1.9 caiso_biomass	CISO	physical
10.8 caiso_biomass	CISO	physical
48.6 caiso_reciprocating_engine	CISO	physical
129.94 caiso_wind	PNM	specifiedimport
194.28 caiso_wind	PNM	specifiedimport
1.5 caiso_solar	CISO	physical
0.99 caiso_small_hydro	CISO	physical
2 caiso_small_hydro	CISO	physical
1.25 caiso_chp	CISO	physical
125 caiso_solar	CISO	physical
45.6 caiso_solar	CISO	physical
6.4 caiso_small_hydro	CISO	physical
20 iid_peaker	IID	physical
20 iid_peaker	IID	physical
20 iid_peaker	IID	physical
20 iid_peaker	IID	physical
31 IID_Li_Battery	IID	physical
94.936 caiso_wind	CISO	physical
204.2 caiso_peaker1	CISO	physical
202.7 caiso_peaker1	CISO	physical
208.96 caiso_peaker1	CISO	physical
204.29 caiso_peaker1	CISO	physical
1.5 caiso_solar	CISO	physical
45 caiso_biomass	CISO	physical
13 caiso_small_hydro	CISO	physical
176.72 caiso_hydro	CISO	physical
175.67 caiso_hydro	CISO	physical
74.8 iid_solar	IID	specifiedimport
3.3 caiso_biomass	CISO	physical
43 caiso_peaker2	CISO	physical
641 caiso_ccgt1	CISO	physical
246.86 caiso_hydro	CISO	physical
10 caiso_geothermal	CISO	physical
10.5 caiso_geothermal	CISO	physical
14 caiso_geothermal	CISO	physical
3 caiso_small_hydro	CISO	physical
60 caiso_geothermal	CISO	physical
10.9 caiso_small_hydro	CISO	physical
2.9 caiso_geothermal	CISO	physical
11.94 caiso_small_hydro	CISO	physical
155 caiso_solar	CISO	physical
92 caiso_solar	CISO	physical

10 caiso_solar	CISO	physical
48 caiso_solar	CISO	physical
26 ldwp_solar	LADWP	physical
27 ldwp_solar	LADWP	physical
26 ldwp_solar	LADWP	physical
28 ldwp_solar	LADWP	physical
25 ldwp_solar	LADWP	physical
26 ldwp_solar	LADWP	physical
27 ldwp_solar	LADWP	physical
26 ldwp_solar	LADWP	physical
24 ldwp_solar	LADWP	physical
20 ldwp_solar	LADWP	physical
20 caiso_solar	CISO	physical
11 caiso_solar	CISO	physical
9.5 banc_solar	BANC	physical
0.99 caiso_solar	CISO	physical
28 caiso_ccgt2	CISO	physical
4.3 caiso_biomass	CISO	physical
534.6 banc_ccgt	BANC	physical
5.3 caiso_small_hydro	CISO	physical
6.89 caiso_hydro	CISO	physical
2.8 caiso_hydro	CISO	physical
5.5 caiso_small_hydro	CISO	physical
2 caiso_hydro	CISO	physical
2 caiso_small_hydro	CISO	physical
6.1 caiso_biomass	CISO	physical
139 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
4.32 caiso_solar	CISO	physical
2.83 caiso_small_hydro	CISO	physical
70.4 caiso_hydro	CISO	physical
200 caiso_li_battery	CISO	physical
150 caiso_li_battery	CISO	physical
0.9 caiso_small_hydro	CISO	physical
3.2 caiso_hydro	CISO	physical
4.2 caiso_hydro	CISO	physical
240 caiso_chp	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_li_battery	CISO	physical
50 caiso_wind	CISO	physical
20 caiso_solar	CISO	physical
7 caiso_peaker1	CISO	physical
24.75 caiso_peaker2	CISO	physical
24.75 caiso_peaker2	CISO	physical
130 caiso_solar	CISO	physical
0.85 caiso_biomass	CISO	physical

4.53 caiso_biomass	CISO	physical
2 caiso_biomass	CISO	physical
0.5 caiso_small_hydro	CISO	physical
19 caiso_solar	CISO	physical
4 caiso_chp	CISO	physical
0.9 caiso_small_hydro	CISO	physical
0.9 caiso_small_hydro	CISO	physical
40 caiso_solar	CISO	physical
2 caiso_biogas	CISO	physical
1.5 caiso_solar	CISO	physical
0.8 caiso_biomass	CISO	physical
1.6 caiso_biomass	CISO	physical
1 caiso_biogas	CISO	physical
1 caiso_solar	CISO	physical
1 caiso_solar	CISO	physical
4 caiso_biogas	CISO	physical
2 caiso_small_hydro	CISO	physical
7 caiso_hydro	CISO	physical
42 iid_geothermal	IID	physical
1.5 caiso_solar	CISO	physical
1.75 caiso_solar	CISO	physical
1.25 caiso_solar	CISO	physical
1.3 caiso_solar	CISO	physical
1 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
1.16 caiso_solar	CISO	physical
1.25 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
6.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
880 caiso_ccgt1	CISO	physical
50 iid_geothermal	IID	physical
50 caiso_biomass	IID	physical
92.64 caiso_wind	CISO	physical
2 caiso_solar	CISO	physical
18.5 caiso_solar	CISO	physical
12 caiso_solar	CISO	physical
9 caiso_solar	CISO	physical
0.91 caiso_solar	CISO	physical
1.4 caiso_solar	CISO	physical
20 caiso_chp	CISO	physical
1150 caiso_nuclear	CISO	physical
1150 caiso_nuclear	CISO	physical
2 caiso_biogas	CISO	physical

12.00	caiso_biomass	CISO	physical
48.8	caiso_chp	CISO	physical
47.00	caiso_chp	CISO	physical
1.6	caiso_biomass	CISO	physical
21	caiso_hydro	CISO	physical
72	caiso_hydro	CISO	physical
159	caiso_pumped_hydro	CISO	physical
52.23	caiso_peaker2	CISO	physical
1.5	caiso_biomass	CISO	physical
1.5	caiso_biomass	CISO	physical
1.5	caiso_biomass	CISO	physical
62.5	caiso_solar	CISO	physical
125	caiso_solar	CISO	physical
62.5	caiso_solar	CISO	physical
63	caiso_li_battery	CISO	physical
115	caiso_li_battery	CISO	physical
115	caiso_li_battery	CISO	physical
47	caiso_li_battery	CISO	physical
110	caiso_solar	CISO	physical
125	caiso_solar	CISO	physical
115	caiso_li_battery	CISO	physical
41.4	caiso_peaker1	CISO	physical
100	caiso_solar	CISO	physical
26	caiso_hydro	CISO	physical
28.9	caiso_hydro	CISO	physical
50	caiso_hydro	CISO	physical
18.5	caiso_small_hydro	CISO	physical
100	caiso_solar	CISO	physical
80	caiso_solar	CISO	physical
35	caiso_li_battery	CISO	physical
70	caiso_solar	CISO	physical
296.19	caiso_solar	CISO	physical
230	caiso_li_battery	CISO	physical
300	caiso_solar	CISO	physical
250	caiso_solar	CISO	physical
4.5	caiso_wind	CISO	physical
6.52	caiso_wind	CISO	physical
147.8	caiso_ccgt2	CISO	physical
105.08	caiso_wind	PNM	specifiedimport
22	caiso_hydro	CISO	physical
26	caiso_hydro	CISO	physical
235	caiso_hydro	CISO	physical
44.8	caiso_wind	CISO	physical
11	iid_geothermal	IID	physical
200	caiso_pumped_hydro	CISO	physical
775.8	caiso_pumped_hydro	CISO	physical
71	caiso_li_battery	CISO	physical

95 caiso_solar	CISO	physical
18 caiso_solar	CISO	physical
12 caiso_li_battery	CISO	physical
85 caiso_solar	CISO	physical
66 caiso_li_battery	CISO	physical
20 caiso_solar	CISO	physical
70 iid_ccgt	IID	physical
108.8 iid_ccgt	IID	physical
146.5 iid_ccgt	IID	physical
298 caiso_wind	AZPS	specifiedimport
3 caiso_li_battery	CISO	physical
1 caiso_li_battery	CISO	physical
7.5 caiso_li_battery	CISO	physical
48.1 caiso_peaker2	CISO	physical
45.42 caiso_peaker1	CISO	physical
1.5 caiso_solar	CISO	physical
11 caiso_hydro	CISO	physical
11 caiso_hydro	CISO	physical
93 caiso_hydro	CISO	physical
50.9 banc_solar	BANC	physical
37.9 banc_solar	BANC	physical
4.9 caiso_small_hydro	CISO	physical
551.7 caiso_ccgt1	CISO	physical
182.5 caiso_li_battery	CISO	physical
12 caiso_peaker1	CISO	physical
10.5 caiso_biomass	CISO	physical
263 caiso_ccgt2	CISO	physical
263.68 caiso_ccgt1	CISO	physical
10 caiso_li_battery	CISO	physical
4.8 caiso_solar	CISO	physical
155.1 caiso_wind	CISO	physical
105 caiso_wind	CISO	physical
47.1 caiso_wind	CISO	physical
38.24 caiso_wind	CISO	physical
10 caiso_li_battery	CISO	physical
10 caiso_li_battery	CISO	physical
10 caiso_li_battery	CISO	physical
48.71 caiso_peaker2	CISO	physical
48.04 caiso_peaker2	CISO	physical
49.9 caiso_chp	CISO	physical
3 caiso_li_battery	CISO	physical
2.1 caiso_biomass	CISO	physical
57.14 caiso_wind	CISO	physical
1 caiso_solar	CISO	physical
2.56 caiso_small_hydro	CISO	physical
1.5 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical

3.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
2.5 caiso_solar	CISO	physical
6 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
1 caiso_solar	CISO	physical
1 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
33.6 caiso_chp	CISO	physical
47.39 caiso_peaker1	CISO	physical
24 caiso_small_hydro	CISO	physical
94.5 caiso_hydro	CISO	physical
60 caiso_solar	CISO	physical
18.75 caiso_biomass	CISO	physical
40 caiso_li_battery	CISO	physical
6.2 caiso_chp	CISO	physical
27.39 caiso_wind	CISO	physical
11.9 caiso_wind	CISO	physical
18 caiso_wind	CISO	physical
0.6 caiso_hydro	CISO	physical
16 caiso_small_hydro	CISO	physical
37.5 caiso_hydro	CISO	physical
14.3 caiso_hydro	CISO	physical
20 caiso_solar	CISO	physical
100 caiso_solar	CISO	physical
10 caiso_li_battery	CISO	physical
25 caiso_small_hydro	CISO	physical
6 caiso_chp	CISO	physical
20 caiso_solar	CISO	physical
1.4 caiso_hydro	CISO	physical
3.6 caiso_hydro	CISO	physical
1.63 caiso_small_hydro	CISO	physical
1.6 caiso_small_hydro	CISO	physical
1 caiso_small_hydro	CISO	physical
13.8 caiso_solar	CISO	physical
1 caiso_biogas	CISO	physical
88 caiso_li_battery	CISO	physical
180 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
4 caiso_solar	CISO	physical
4 caiso_solar	CISO	physical
16.5 caiso_wind	CISO	physical
6.5 caiso_wind	CISO	physical
22.5 caiso_wind	CISO	physical
6 caiso_wind	CISO	physical
10.8 caiso_wind	CISO	physical
7.88 caiso_wind	CISO	physical

1 caiso_small_hydro	CISO	physical
11.2 caiso_wind	CISO	physical
11.7 caiso_wind	CISO	physical
12.6 caiso_wind	CISO	physical
9.8 caiso_wind	CISO	physical
3 caiso_wind	CISO	physical
5.93 caiso_wind	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
250 caiso_li_battery	CISO	physical
585 caiso_ccgt1	CISO	physical
250 caiso_solar	CISO	physical
22 iid_geothermal	IID	physical
22 iid_geothermal	IID	physical
10 iid_geothermal	IID	physical
86.8 caiso_geothermal	CISO	physical
57 caiso_geothermal	CISO	physical
73 caiso_geothermal	CISO	physical
70 caiso_geothermal	CISO	physical
63 caiso_geothermal	CISO	physical
10.01 caiso_geothermal	CISO	physical
75.5 caiso_geothermal	CISO	physical
72 caiso_geothermal	CISO	physical
50 caiso_geothermal	CISO	physical
20 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
9 caiso_solar	CISO	physical
120 caiso_ccgt1	CISO	physical
95.2 caiso_peaker2	CISO	physical
46.2 caiso_peaker2	CISO	physical
20 caiso_solar	CISO	physical
11.4 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
65.81 caiso_peaker2	CISO	physical
22.07 caiso_peaker2	CISO	physical
22.3 caiso_peaker2	CISO	physical
44.83 caiso_peaker1	CISO	physical
42.42 caiso_peaker1	CISO	physical
20 caiso_solar	CISO	physical
0.25 caiso_small_hydro	CISO	physical
10 caiso_li_battery	CISO	physical
54 caiso_peaker2	CISO	physical
48.2 caiso_chp	CISO	physical
9.90 caiso_chp	CISO	physical
2.84 caiso_biogas	CISO	physical

1.99 caiso_biomass	CISO	physical
1.42 caiso_biomass	CISO	physical
12 caiso_solar	CISO	physical
200 caiso_wind	AZPS	specifiedimport
18 ldwp_st	LADWP	physical
40 ldwp_st	LADWP	physical
40 ldwp_st	LADWP	physical
48 ldwp_peaker	LADWP	physical
102 ldwp_ccgt	LADWP	physical
2.5 caiso_solar	CISO	physical
570 sw_ccgt	WALC	specifiedimport
20 caiso_hydro	CISO	physical
3 caiso_li_battery	CISO	physical
60 caiso_peaker2	CISO	physical
49.20 caiso_peaker1	CISO	physical
49.2 caiso_chp	CISO	physical
3.04 caiso_biomass	CISO	physical
5 caiso_small_hydro	CISO	physical
26.35 caiso_chp	CISO	physical
1 caiso_biogas	CISO	physical
20 caiso_solar	CISO	physical
1 caiso_biogas	CISO	physical
98.46 caiso_peaker2	CISO	physical
98.43 caiso_geothermal	CISO	physical
95.8 caiso_geothermal	CISO	physical
3.75 caiso_small_hydro	CISO	physical
144 caiso_hydro	CISO	physical
13.5 caiso_small_hydro	CISO	physical
109.01 caiso_ccgt2	CISO	physical
231 ldwp_ccgt	LADWP	physical
49 ldwp_peaker	LADWP	physical
49 ldwp_peaker	LADWP	physical
49 ldwp_peaker	LADWP	physical
49 ldwp_peaker	LADWP	physical
49 ldwp_peaker	LADWP	physical
1 caiso_biogas	CISO	physical
2.88 caiso_biomass	CISO	physical
8.5 caiso_small_hydro	CISO	physical
8.5 caiso_small_hydro	CISO	physical
2 caiso_hydro	CISO	physical
1.7 caiso_small_hydro	CISO	physical
102 caiso_wind	CISO	physical
222 ldwp_st	LADWP	physical
96 ldwp_peaker	LADWP	physical
96 ldwp_peaker	LADWP	physical
96 ldwp_peaker	LADWP	physical
96 ldwp_peaker	LADWP	physical

96 ldwp_peaker	LADWP	physical
96 ldwp_peaker	LADWP	physical
222 ldwp_st	LADWP	physical
590 ldwp_ccgt	LADWP	physical
5.8 caiso_small_hydro	CISO	physical
6.7 caiso_small_hydro	CISO	physical
8.75 iid_geothermal	IID	physical
4.37 iid_geothermal	IID	physical
52 iid_geothermal	IID	physical
16 iid_geothermal	IID	physical
10 iid_solar	IID	physical
1.5 banc_solar	BANC	physical
407 caiso_pumped_hydro	CISO	physical
407 caiso_pumped_hydro	CISO	physical
404 caiso_pumped_hydro	CISO	physical
10 caiso_li_battery	CISO	physical
1.5 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
49.98 caiso_peaker2	CISO	physical
49.42 caiso_peaker2	CISO	physical
100 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
830 caiso_ccgt1	CISO	physical
1.5 caiso_small_hydro	CISO	physical
0.5 caiso_hydro	CISO	physical
50 caiso_li_battery	CISO	physical
100 caiso_solar	CISO	physical
3.75 caiso_hydro	CISO	physical
30 caiso_chp	CISO	physical
63 caiso_peaker2	CISO	physical
63 caiso_peaker2	CISO	physical
63 caiso_peaker2	CISO	physical
63 caiso_peaker2	CISO	physical
34 caiso_chp	CISO	physical
4.9 caiso_small_hydro	CISO	physical
673.8 caiso_ccgt1	CISO	physical
226.84 caiso_st	CISO	physical
48.2 caiso_chp	CISO	physical
1.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
0.2 caiso_biomass	CISO	physical
0.2 caiso_biomass	CISO	physical
249 caiso_hydro	WALC	specifiedimport
16 caiso_hydro	WALC	specifiedimport
64.8 iid_geothermal	IID	physical
65.08 caiso_reciprocating_engine	CISO	physical
97.62 caiso_reciprocating_engine	CISO	physical

1.25 caiso_hydro	CISO	physical
75 caiso_li_battery	CISO	physical
20 caiso_solar	CISO	physical
933.1 caiso_hydro	CISO	physical
0.5 caiso_chp	CISO	physical
20 iid_solar	IID	physical
45 caiso_peaker2	CISO	physical
45 caiso_peaker2	CISO	physical
45 caiso_peaker2	CISO	physical
3.01 caiso_small_hydro	CISO	physical
8 caiso_hydro	CISO	physical
849.97 ldwp_coal	LADWP	physical
849.97 ldwp_coal	LADWP	physical
405 caiso_hydro	CISO	physical
236 ldwp_coal	LADWP	specifiedimport
107 ldwp_coal	LADWP	specifiedimport
136 ldwp_coal	LADWP	specifiedimport
18.4 caiso_wind	CISO	physical
126 caiso_solar	CISO	physical
133 caiso_solar	CISO	physical
133 caiso_solar	CISO	physical
150 caiso_solar	CISO	physical
200 caiso_solar	CISO	physical
150 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
1.75 caiso_li_battery	CISO	physical
13.5 caiso_solar	CISO	physical
160 caiso_wind	CISO	physical
77 caiso_wind	CISO	physical
30.2 caiso_wind	CISO	physical
18 caiso_solar	CISO	physical
42 iid_geothermal	IID	physical
20 caiso_li_battery	CISO	physical
20.00 caiso_li_battery	CISO	physical
10 caiso_li_battery	CISO	physical
10 caiso_li_battery	CISO	physical
9 caiso_li_battery	CISO	physical
6 caiso_li_battery	CISO	physical
250 ldwp_solar	LADWP	physical
26.32 banc_solar	BANC	physical
20 caiso_solar	CISO	physical
10 caiso_li_battery	CISO	physical
10 caiso_li_battery	CISO	physical
5.5 caiso_small_hydro	CISO	physical
198.03 caiso_peaker1	CISO	physical
11 caiso_small_hydro	CISO	physical
153.9 caiso_hydro	CISO	physical

1.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
52.4 caiso_chp	CISO	physical
55.2 caiso_chp	CISO	physical
25.6 caiso_hydro	CISO	physical
3.5 caiso_biomass	BANC	physical
3.5 caiso_biomass	BANC	physical
3.5 caiso_biomass	BANC	physical
3.5 caiso_biomass	BANC	physical
3.5 caiso_biomass	BANC	physical
1.5 caiso_small_hydro	CISO	physical
34.5 caiso_chp	CISO	physical
51.2 caiso_hydro	CISO	physical
3.56 caiso_biomass	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
44.6 caiso_peaker2	CISO	physical
20 caiso_solar	CISO	physical
30.00 caiso_solar	CISO	physical
72.06 caiso_solar	CISO	physical
30.00 caiso_solar	CISO	physical
30.88 caiso_solar	CISO	physical
80 caiso_solar	CISO	physical
80 caiso_solar	CISO	physical
80 caiso_solar	CISO	physical
10.6 caiso_small_hydro	CISO	physical
1 caiso_li_battery	CISO	physical
9.95 caiso_hydro	CISO	physical
0.35 caiso_chp	CISO	physical
51 ldwp_peaker	LADWP	physical
3 caiso_biogas	CISO	physical
20 caiso_pumped_hydro	CISO	physical
20 caiso_pumped_hydro	CISO	physical
60 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
14.99 caiso_solar	CISO	physical
26.66 caiso_solar	CISO	physical
16.66 caiso_solar	CISO	physical
20 caiso_biomass	CISO	physical
267 caiso_ccgt1	CISO	physical
266 caiso_ccgt1	CISO	physical
266 caiso_ccgt1	CISO	physical
267 caiso_ccgt1	CISO	physical
46.1 caiso_peaker1	CISO	physical
47.98 caiso_peaker1	CISO	physical

322	caiso_ccgt2	CISO	physical
30	caiso_biomass	CISO	physical
0.3	caiso_chp	CISO	physical
42	iid_geothermal	IID	physical
799.47	caiso_ccgt1	CISO	physical
309.84	caiso_ccgt2	CISO	physical
125	caiso_li_battery	CISO	physical
20	caiso_solar	CISO	physical
48	caiso_ccgt1	CISO	physical
20	caiso_solar	CISO	physical
3	caiso_solar	CISO	physical
3	caiso_solar	CISO	physical
2	caiso_solar	CISO	physical
5	caiso_solar	CISO	physical
2	caiso_solar	CISO	physical
2	caiso_solar	CISO	physical
3	caiso_solar	CISO	physical
1.25	caiso_solar	CISO	physical
49.7	caiso_peaker2	CISO	physical
20	caiso_li_battery	CISO	physical
47.5	caiso_peaker2	CISO	physical
47.6	caiso_peaker2	CISO	physical
47.4	caiso_peaker2	CISO	physical
580	caiso_ccgt1	CISO	physical
5.5	caiso_solar	CISO	physical
2.75	caiso_solar	CISO	physical
1.5	caiso_solar	CISO	physical
1	caiso_solar	CISO	physical
25	caiso_peaker2	CISO	physical
302.58	caiso_ccgt1	CISO	physical
50	caiso_solar	CISO	physical
0.99	caiso_small_hydro	CISO	physical
1.35	caiso_hydro	CISO	physical
20	caiso_solar	CISO	physical
50	caiso_solar	CISO	physical
50	caiso_solar	CISO	physical
40	caiso_solar	CISO	physical
109	ldwp_ccgt	LADWP	specifiedimport
12	ldwp_ccgt	LADWP	specifiedimport
12	caiso_ccgt1	LADWP	specifiedimport
18	caiso_ccgt1	LADWP	specifiedimport
301	ldwp_ccgt	LADWP	physical
1	caiso_solar	CISO	physical
5.25	caiso_solar	CISO	physical
96	caiso_peaker1	CISO	physical
32.5	caiso_hydro	CISO	physical
250	CAISO_Imports	BPAT	specifiedimport

125 caiso_hydro	BPAT	specifiedimport
308 nw_ccgt	BPAT	specifiedimport
100 caiso_wind	BPAT	specifiedimport
50 caiso_wind	BPAT	specifiedimport
50 caiso_wind	BPAT	specifiedimport
1 caiso_solar	CISO	physical
189 caiso_wind	CISO	physical
20 caiso_solar	CISO	physical
4.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
0.52 caiso_small_hydro	CISO	physical
74 banc_peaker	BANC	physical
62 banc_peaker	BANC	physical
62 banc_peaker	BANC	physical
10 caiso_hydro	CISO	physical
210 caiso_hydro	CISO	physical
20 caiso_li_battery	CISO	physical
5 caiso_solar	CISO	physical
25.00 caiso_biomass	CISO	physical
1.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
3.5 caiso_small_hydro	CISO	physical
1 caiso_chp	CISO	physical
2.90 caiso_chp	CISO	physical
27 caiso_biomass	IID	physical
593.16 caiso_ccgt1	CISO	physical
9.6 caiso_peaker2	CISO	physical
7.81 caiso_wind	CISO	physical
3 caiso_wind	CISO	physical
7.45 caiso_wind	CISO	physical
7.5 caiso_wind	CISO	physical
20 iid_solar	IID	specifiedimport
49.9 iid_solar	IID	specifiedimport
145 nw_wind	LADWP	physical
58.5 nw_wind	LADWP	physical
100 nw_wind	LADWP	physical
5 nw_wind	LADWP	specifiedimport
2.85 caiso_hydro	CISO	physical
3 caiso_solar	CISO	physical
10 caiso_li_battery	CISO	physical
10 caiso_li_battery	CISO	physical
5.5 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
1 caiso_solar	CISO	physical
2.85 caiso_hydro	CISO	physical
46 caiso_peaker1	CISO	physical
5 caiso_hydro	CISO	physical

1 caiso_chp	CISO	physical
47.49 caiso_peaker2	CISO	physical
1 caiso_chp	CISO	physical
1.6 caiso_biomass	CISO	physical
47.2 caiso_peaker1	CISO	physical
60 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
10 caiso_li_battery	CISO	physical
14.36 caiso_hydro	CISO	physical
20 caiso_solar	CISO	physical
7.99 caiso_li_battery	CISO	physical
6.14 caiso_wind	CISO	physical
4.04 caiso_wind	CISO	physical
5.25 caiso_wind	CISO	physical
6.16 caiso_wind	CISO	physical
12.5 caiso_small_hydro	CISO	physical
2 caiso_li_battery	CISO	physical
6.96 caiso_biomass	CISO	physical
0.8 caiso_small_hydro	CISO	physical
38.16 caiso_wind	CISO	physical
1 caiso_chp	CISO	physical
510 caiso_ccgt1	CISO	physical
510 caiso_ccgt1	CISO	physical
494.58 caiso_ccgt1	CISO	physical
44 caiso_peaker1	CISO	physical
45 caiso_peaker1	CISO	physical
30 caiso_li_battery	CISO	physical
15 caiso_solar	CISO	physical
5 caiso_biomass	CISO	physical
165 caiso_solar	CISO	physical
100.81 caiso_solar	CISO	physical
152 caiso_solar	CISO	physical
625 sw_ccgt	SRP	specifiedimport
2 caiso_small_hydro	CISO	physical
75 caiso_li_battery	CISO	physical
30 caiso_solar	CISO	physical
40 caiso_solar	CISO	physical
30 caiso_solar	CISO	physical
20 banc_solar	BANC	physical
46.64 caiso_biomass	CISO	physical
66.6 caiso_wind	CISO	physical
44.4 caiso_wind	CISO	physical
22.2 caiso_wind	CISO	physical
22.44 caiso_wind	CISO	physical
4.12 caiso_chp	CISO	physical
1 caiso_biomass	CISO	physical
12 caiso_small_hydro	CISO	physical

55 caiso_hydro	CISO	physical
90 caiso_geothermal	CISO	physical
38.85 caiso_geothermal	CISO	physical
39.94 caiso_geothermal	CISO	physical
42.42 caiso_geothermal	CISO	physical
52.73 caiso_geothermal	CISO	physical
3 ldwp_solar	LADWP	physical
66 caiso_solar	CISO	physical
0.1 caiso_chp	CISO	physical
57 sw_ct	AZPS	specifiedimport
4 caiso_hydro	CISO	physical
50 iid_peaker	IID	physical
50 iid_peaker	IID	physical
4.05 caiso_chp	CISO	physical
42.70 caiso_chp	CISO	physical
16 iid_geothermal	IID	physical
16 iid_geothermal	IID	physical
16 iid_geothermal	IID	physical
16 iid_geothermal	IID	physical
16 iid_geothermal	IID	physical
16 iid_geothermal	IID	physical
2 caiso_biomass	CISO	physical
3.9 caiso_biogas	CISO	physical
12 caiso_hydro	CISO	physical
6.31 caiso_wind	CISO	physical
9 caiso_wind	CISO	physical
3.35 caiso_wind	CISO	physical
4.07 caiso_wind	CISO	physical
3.86 caiso_wind	CISO	physical
6.77 caiso_wind	CISO	physical
6.9 caiso_biogas	CISO	physical
55 caiso_peaker2	CISO	physical
55 caiso_peaker2	CISO	physical
55 caiso_peaker2	CISO	physical
4.6 caiso_biomass	CISO	physical
27.87 caiso_wind	CISO	physical
3.5 caiso_wind	CISO	physical
13.5 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
265 caiso_wind	CISO	physical
96 caiso_peaker2	CISO	physical
3.8 caiso_hydro	CISO	physical

2 caiso_biomass	CISO	physical
1 caiso_biogas	CISO	physical
1 caiso_biogas	CISO	physical
20 caiso_solar	CISO	physical
3.13 caiso_hydro	CISO	physical
28.1 caiso_biomass	CISO	physical
0.4 caiso_small_hydro	CISO	physical
8 caiso_biomass	CISO	physical
5.6 caiso_biomass	CISO	physical
44 ldwp_st	LADWP	physical
55 ldwp_st	LADWP	physical
20 caiso_solar	CISO	physical
19.75 caiso_solar	CISO	physical
5.8 caiso_small_hydro	CISO	physical
78 caiso_peaker1	CISO	physical
78.11 caiso_peaker1	CISO	physical
81.41 caiso_peaker1	CISO	physical
81.44 caiso_peaker1	CISO	physical
25.2 caiso_pumped_hydro	CISO	physical
0.5 caiso_hydro	CISO	physical
1.5 caiso_solar	CISO	physical
12.9 iid_geothermal	IID	physical
12.9 iid_geothermal	IID	physical
33.5 iid_geothermal	IID	physical
15 iid_geothermal	IID	physical
15 iid_geothermal	IID	physical
741.27 caiso_st	CISO	physical
750 caiso_st	CISO	physical
20 iid_solar	IID	physical
10 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
7.5 caiso_chp	CISO	physical
3 caiso_solar	CISO	physical
70 caiso_pumped_hydro	CISO	physical
3 caiso_li_battery	CISO	physical
3 caiso_li_battery	CISO	physical
1.5 caiso_biogas	CISO	physical
1.5 caiso_biogas	CISO	physical
35.5 caiso_peaker2	CISO	physical
3 caiso_biogas	CISO	physical
603.68 caiso_ccgt1	CISO	physical
5.8 caiso_hydro	CISO	physical
10.62 caiso_biomass	CISO	physical
28.8 caiso_biomass	CISO	physical
1.92 caiso_small_hydro	CISO	physical
1.75 caiso_solar	CISO	physical
9.9 caiso_hydro	CISO	physical

1.82 caiso_small_hydro	CISO	physical
1.05 caiso_small_hydro	CISO	physical
20 caiso_solar	CISO	physical
4.5 caiso_peaker2	CISO	physical
407 ldwp_nuclear	LADWP	physical
575 caiso_ccgt1	CISO	physical
49.00 caiso_biomass	CISO	physical
30 caiso_wind	CISO	physical
30 caiso_hydro	CISO	physical
10 caiso_wind	CISO	physical
9.5 caiso_solar	CISO	physical
1.6 caiso_biomass	CISO	physical
8 caiso_biomass	CISO	physical
118 caiso_pumped_hydro	CISO	physical
5 caiso_li_battery	CISO	physical
1.5 caiso_solar	CISO	physical
90 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
4 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
267 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
0.1 caiso_loadmod	CISO	physical
2 caiso_loadmod	CISO	physical
2 caiso_small_hydro	CISO	physical
8.5 ldwp_solar	LADWP	physical
120 ldwp_wind	LADWP	physical
198.51 caiso_hydro	CISO	physical
111.3 caiso_peaker1	CISO	physical
112.7 caiso_peaker1	CISO	physical
112 caiso_peaker1	CISO	physical
1.5 caiso_solar	CISO	physical
32 caiso_hydro	CISO	physical
32 caiso_hydro	CISO	physical
70.6 caiso_hydro	CISO	physical
95 caiso_hydro	CISO	physical
82 caiso_hydro	CISO	physical
82 caiso_hydro	CISO	physical
1.1 caiso_hydro	CISO	physical
39 caiso_hydro	CISO	physical
40 caiso_hydro	CISO	physical
55.7 caiso_hydro	CISO	physical

54.6 caiso_hydro	CISO	physical
3 caiso_biomass	CISO	physical
8.4 caiso_small_hydro	CISO	physical
5 caiso_small_hydro	CISO	physical
20 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
6 caiso_chp	CISO	physical
4.98 caiso_biomass	CISO	physical
10 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
401 caiso_peaker1	CISO	physical
119.91 caiso_peaker2	CISO	physical
140 caiso_solar	CISO	physical
49.97 caiso_peaker2	CISO	physical
52.01 caiso_peaker2	CISO	physical
0.46 caiso_biomass	CISO	physical
69 caiso_hydro	CISO	physical
68.5 caiso_hydro	CISO	physical
2.29 caiso_biomass	CISO	physical
2.29 caiso_biomass	CISO	physical
10.1 caiso_small_hydro	CISO	physical
1.25 caiso_hydro	CISO	physical
2 caiso_biomass	CISO	physical
3 caiso_biomass	CISO	physical
3 caiso_biomass	CISO	physical
250 caiso_solar	CISO	physical
50 caiso_solar	CISO	physical
5 caiso_li_battery	CISO	physical
1.6 caiso_biogas	CISO	physical
1 caiso_chp	CISO	physical
2.58 caiso_chp	CISO	physical
22.3 caiso_chp	CISO	physical
3 caiso_solar	CISO	physical
1.98 caiso_solar	CISO	physical
635 caiso_nuclear	SRP	specifiedimport
2.1 caiso_wind	CISO	physical
10 caiso_li_battery	CISO	physical
20 caiso_li_battery	CISO	physical
125 caiso_solar	CISO	physical
80 caiso_li_battery	CISO	physical
106.18 iid_geothermal	IID	specifiedimport
124 caiso_specified_imports	BANC	specifiedimport

150 caiso_solar	CISO	physical
60 caiso_solar	CISO	physical
40 caiso_solar	CISO	physical
57 caiso_hydro	CISO	physical
56.9 caiso_hydro	CISO	physical
6.5 caiso_solar	CISO	physical
61.1 ldwp_solar	LADWP	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
14 caiso_solar	CISO	physical
3.5 caiso_solar	CISO	physical
6.55 caiso_small_hydro	CISO	physical
2.25 caiso_hydro	CISO	physical
20.09 caiso_small_hydro	CISO	physical
0.8 caiso_biomass	CISO	physical
1.5 caiso_biomass	CISO	physical
44 caiso_reciprocating_engine	CISO	physical
17.03 banc_peaker	BANC	physical
25.03 banc_peaker	BANC	physical
25.03 banc_peaker	BANC	physical
121 banc_ccgt	BANC	physical
3.75 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical
178.87 caiso_st	CISO	physical
175 caiso_st	CISO	physical
480 caiso_st	CISO	physical
1.23 caiso_solar	CISO	physical
10 caiso_wind	CISO	physical
300 caiso_solar	CISO	physical
180 caiso_li_battery	CISO	physical
4.00 caiso_biogas	CISO	physical
8.5 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
2.5 caiso_biomass	CISO	physical
14 caiso_hydro	CISO	physical
1.11 caiso_small_hydro	CISO	physical
50 banc_peaker	BANC	physical
50 banc_peaker	BANC	physical
0.6 caiso_hydro	CISO	physical
2.99 caiso_solar	CISO	physical
25 iid_peaker	IID	physical
25 iid_peaker	IID	physical
13.5 caiso_hydro	CISO	physical
25.6 banc_peaker	BANC	physical
25.6 banc_peaker	BANC	physical
140 caiso_wind	CISO	physical

3 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
40 caiso_solar	CISO	physical
56 caiso_solar	CISO	physical
56 caiso_solar	CISO	physical
54 caiso_solar	CISO	physical
54 caiso_solar	CISO	physical
26 caiso_solar	CISO	physical
13.6 caiso_solar	CISO	physical
79.2 caiso_wind	CISO	physical
19.8 caiso_wind	CISO	physical
99 caiso_wind	CISO	physical
615.18 caiso_ccgt2	CISO	physical
47.6 caiso_peaker2	CISO	physical
49 caiso_peaker1	CISO	physical
49 caiso_peaker1	CISO	physical
48.35 caiso_peaker1	CISO	physical
48.5 caiso_peaker2	CISO	physical
7.5 caiso_solar	CISO	physical
36 caiso_peaker1	CISO	physical
1.5 caiso_solar	CISO	physical
39 caiso_chp	CISO	physical
42 iid_geothermal	IID	physical
50 iid_geothermal	IID	physical
10 iid_geothermal	IID	physical
5 iid_geothermal	IID	physical
5 iid_geothermal	IID	physical
46 caiso_hydro	CISO	physical
25 caiso_chp	CISO	physical
166 caiso_solar	CISO	physical
51 caiso_solar	CISO	physical
42 caiso_solar	CISO	physical
100 caiso_li_battery	CISO	physical
100 caiso_li_battery	CISO	physical
36 caiso_solar	CISO	physical
80 caiso_wind	CISO	physical
275 caiso_solar	CISO	physical
100 caiso_solar	CISO	physical
8 caiso_biogas	CISO	physical
1.5 caiso_biomass	CISO	physical
0.85 caiso_biomass	CISO	physical
2.274 caiso_biogas	CISO	physical
72 caiso_geothermal	CISO	physical
19.6 caiso_biogas	CISO	physical
2 caiso_li_battery	CISO	physical
31 caiso_wind	CISO	physical

[illegible]

7 iid_solar	IID	physical
19 caiso_chp	CISO	physical
13 caiso_wind	CISO	physical
33 iid_geothermal	IID	physical
20 caiso_solar	CISO	physical
107.68 caiso_peaker1	CISO	physical
102.5 caiso_peaker1	CISO	physical
105.69 caiso_peaker1	CISO	physical
106.55 caiso_peaker1	CISO	physical
107.52 caiso_peaker1	CISO	physical
105 caiso_peaker1	CISO	physical
106.73 caiso_peaker1	CISO	physical
106.85 caiso_peaker1	CISO	physical
2.9 caiso_solar	CISO	physical
32.5 iid_solar	IID	physical
48.3 caiso_chp	CISO	physical
2.6 caiso_biomass	CISO	physical
3 caiso_solar	CISO	physical
100 caiso_peaker2	CISO	physical
4 caiso_solar	CISO	physical
52.43 caiso_peaker2	CISO	physical
10 caiso_li_battery	CISO	physical
17 iid_geothermal	IID	specifiedimport
1.42 caiso_biomass	CISO	physical
20 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
50.5 caiso_solar	CISO	physical
46.50 caiso_solar	CISO	physical
46.5 caiso_li_battery	CISO	physical
34 caiso_li_battery	CISO	physical
34 caiso_solar	CISO	physical
63 caiso_solar	CISO	physical
10 caiso_li_battery	CISO	physical
16 caiso_solar	CISO	physical
250 caiso_solar	CISO	physical
107.6 caiso_solar	CISO	physical
310 caiso_solar	CISO	physical
276 caiso_solar	CISO	physical
374.43 caiso_pumped_hydro	CISO	physical
13 caiso_hydro	CISO	physical
46.05 caiso_peaker1	CISO	physical
1.5 caiso_biomass	CISO	physical
64.8 caiso_geothermal	CISO	physical
1 caiso_solar	CISO	physical
13 caiso_biomass	CISO	physical
11 caiso_li_battery	CISO	physical
1 caiso_small_hydro	CISO	physical

27.5 caiso_chp	CISO	physical
27.8 caiso_chp	CISO	physical
100 caiso_li_battery	CISO	physical
47.7 caiso_chp	CISO	physical
47.9 caiso_chp	CISO	physical
1.65 caiso_small_hydro	CISO	physical
16.2 caiso_hydro	CISO	physical
5 caiso_biomass	CISO	physical
50 iid_solar	IID	specifiedimport
20 iid_solar	IID	physical
100 caiso_solar	CISO	physical
30 caiso_li_battery	CISO	physical
7.1 caiso_small_hydro	CISO	physical
157 banc_ccgt	BANC	physical
0.99 caiso_hydro	CISO	physical
6.5 caiso_hydro	CISO	physical
11.4 caiso_hydro	CISO	physical
22 caiso_biomass	CISO	physical
3 caiso_small_hydro	CISO	physical
17.2 caiso_biomass	CISO	physical
27.15 caiso_biomass	CISO	physical
6 caiso_small_hydro	CISO	physical
7.5 caiso_biomass	CISO	physical
325 SW_CCGT	WALC	specifiedimport
200 SW_CCGT	WALC	specifiedimport
24 caiso_biomass	CISO	physical
7 caiso_hydro	CISO	physical
14 caiso_solar	CISO	physical
3.5 caiso_solar	CISO	physical
4 caiso_solar	CISO	physical
3.5 caiso_solar	CISO	physical
0.18 caiso_small_hydro	CISO	physical
6.4 caiso_small_hydro	CISO	physical
2.5 caiso_small_hydro	CISO	physical
108 ldwp_solar	LADWP	physical
165 ldwp_solar	LADWP	physical
90 ldwp_solar	LADWP	physical
6.9 caiso_chp	CISO	physical
91 caiso_hydro	CISO	physical
49.65 caiso_peaker1	CISO	physical
49.65 caiso_peaker1	CISO	physical
4.6 caiso_chp	CISO	physical
49.9 caiso_peaker2	CISO	physical
19.9 caiso_biomass	CISO	physical
56.2 caiso_chp	CISO	physical
0.56 caiso_small_hydro	CISO	physical
0.42 caiso_small_hydro	CISO	physical

0.92 caiso_small_hydro	CISO	physical
1.84 caiso_small_hydro	CISO	physical
99 caiso_wind	CISO	physical
20 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
18.5 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
43 caiso_li_battery	CISO	physical
67 caiso_li_battery	CISO	physical
132 caiso_li_battery	CISO	physical
23 iid_solar	IID	physical
586.02 caiso_ccgt1	CISO	physical
248 caiso_peaker1	CISO	physical
20 caiso_biomass	CISO	physical
100 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
150 caiso_solar	CISO	physical
150 SW_SOLAR	AZPS	specifiedimport
275 caiso_ccgt1	BANC	specifiedimport
250 banc_ccgt	BANC	physical
4.8 caiso_li_battery	CISO	physical
86 caiso_chp	CISO	physical
78 caiso_peaker1	CISO	physical
78 caiso_chp	CISO	physical
78 caiso_peaker1	CISO	physical
17 caiso_chp	CISO	physical
1.7 caiso_small_hydro	CISO	physical
271.68 caiso_wind	PNM	specifiedimport
47.49 caiso_wind	CISO	physical
14.4 caiso_wind	CISO	physical
19.85 caiso_wind	CISO	physical
23.66 caiso_wind	CISO	physical
40.2 caiso_chp	CISO	physical
625 caiso_ccgt1	CISO	physical
2 caiso_small_hydro	CISO	physical
14 caiso_geothermal	CISO	physical
9.9 nw_wind	PACW	physical
114.8 caiso_chp	CISO	physical
45 iid_solar	IID	physical
45 caiso_wind	CISO	physical
62 caiso_hydro	CISO	physical
70 caiso_solar	IID	specifiedimport
2.83 caiso_small_hydro	CISO	physical
1.5 caiso_solar	CISO	physical
1.5 caiso_small_hydro	CISO	physical
550 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical

90 caiso_li_battery	CISO	physical
90 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
100 caiso_solar	CISO	physical
60 caiso_solar	CISO	physical
72 caiso_li_battery	CISO	physical
200 caiso_solar	CISO	physical
38.97 caiso_wind	CISO	physical
2.8 caiso_biomass	CISO	physical
130.5 caiso_wind	CISO	physical
25.9 caiso_hydro	CISO	physical
0.6 caiso_biomass	CISO	physical
1.3 caiso_hydro	CISO	physical
1.5 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
3 caiso_solar	CISO	physical
11.2 caiso_chp	CISO	physical
27 banc_ccgt	BANC	physical
3.5 caiso_small_hydro	CISO	physical
10 caiso_li_battery	CISO	physical
18 caiso_biomass	CISO	physical
24.3 caiso_biomass	CISO	physical
24.4 caiso_biomass	CISO	physical
19 caiso_chp	CISO	physical
49.85 caiso_chp	CISO	physical
38 caiso_chp	CISO	physical
42.96 caiso_wind	CISO	physical
42.96 caiso_wind	CISO	physical
46 caiso_wind	CISO	physical
7.4 caiso_biogas	CISO	physical
9 caiso_wind	CISO	physical
102.18 caiso_wind	CISO	physical
127.8 caiso_wind	CISO	physical
8 caiso_wind	CISO	physical
10 caiso_wind	CISO	physical
78.2 caiso_wind	CISO	physical
3.1 iid_solar	IID	physical
3.1 iid_solar	IID	physical
0.7 caiso_li_battery	CISO	physical
2.5 caiso_solar	CISO	physical
50.61 caiso_peaker2	CISO	physical
7.94 caiso_small_hydro	CISO	physical
5.9 caiso_hydro	CISO	physical
8 caiso_solar	CISO	physical
1.49 caiso_solar	CISO	physical

20 caiso_solar	CISO	physical
529 ldwp_ccgt	LADWP	physical
47 ldwp_peaker	LADWP	physical
100 caiso_solar	CISO	physical
128 caiso_solar	CISO	physical
70 caiso_li_battery	CISO	physical
0.8 caiso_biogas	CISO	physical
14.4 caiso_solar	CISO	physical
34.47 caiso_chp	CISO	physical
20 caiso_solar	CISO	physical
12.20 caiso_wind	CISO	physical
16 caiso_wind	CISO	physical
44.53 caiso_wind	CISO	physical
5.75 caiso_peaker1	CISO	physical
5.75 caiso_peaker1	CISO	physical
134 caiso_ccgt2	CISO	physical
36.8 caiso_hydro	CISO	physical
5 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
14 caiso_solar	CISO	physical
55.8 caiso_solar	CISO	physical
5 caiso_chp	CISO	physical
49 caiso_peaker1	CISO	physical
11.95 caiso_small_hydro	CISO	physical
24.49 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
2 caiso_solar	CISO	physical
10 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
1.5 caiso_solar	CISO	physical
17.5 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
7 caiso_solar	CISO	physical
20 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
4.1 caiso_hydro	CISO	physical
5.1 caiso_hydro	CISO	physical
207.00 caiso_wind	CISO	physical
59 caiso_wind	CISO	physical
1.4 caiso_chp	CISO	physical
1 caiso_solar	CISO	physical
3.5 caiso_solar	CISO	physical
0.18 caiso_small_hydro	CISO	physical
100 caiso_li_battery	CISO	physical
100 caiso_li_battery	CISO	physical
100 caiso_li_battery	CISO	physical

100 caiso_li_battery	CISO	physical
54 caiso_li_battery	CISO	physical
50 caiso_li_battery	CISO	physical
2.33 caiso_solar	CISO	physical
2.5 caiso_solar	CISO	physical
5 caiso_solar	CISO	physical
3 caiso_small_hydro	CISO	physical
9.1 caiso_hydro	CISO	physical
1 caiso_hydro	CISO	physical
0.63 caiso_hydro	CISO	physical
0.6 caiso_small_hydro	CISO	physical
1.25 caiso_hydro	CISO	physical
0.15 caiso_small_hydro	CISO	physical
13.98 caiso_wind	CISO	physical
128.91 caiso_wind	CISO	physical
126.35 caiso_wind	CISO	physical
42.45 caiso_wind	CISO	physical
21.01 caiso_wind	CISO	physical
40 caiso_li_battery	CISO	physical
38 iid_geothermal	IID	physical
10.74 iid_geothermal	IID	physical
10.5 iid_geothermal	IID	physical
29.07 caiso_biomass	CISO	physical
96.43 caiso_peaker1	CISO	physical
96.91 caiso_peaker1	CISO	physical
96.65 caiso_peaker1	CISO	physical
96.49 caiso_peaker1	CISO	physical
96.65 caiso_peaker1	CISO	physical
1.5 caiso_solar	CISO	physical
47 caiso_biomass	CISO	physical
0.2 caiso_geothermal	CISO	physical
6.5 caiso_biomass	CISO	physical
76 caiso_hydro	CISO	physical
20 caiso_solar	CISO	physical
19.75 caiso_solar	CISO	physical
60 caiso_hydro	CISO	physical
4.2 caiso_biomass	CISO	physical
19.88 caiso_solar	CISO	physical
14 caiso_small_hydro	CISO	physical
1.5 caiso_solar	CISO	physical
3.55 caiso_biomass	CISO	physical
50 caiso_wind	WALC	specifiedimport
300 caiso_wind	WALC	specifiedimport
20 caiso_solar	CISO	physical
61.5 caiso_wind	CISO	physical
3 caiso_biomass	CISO	physical
14 caiso_solar	CISO	physical

[illegible]

nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
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nan	NAN	unspecifiedimport
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nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
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nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
nan	NAN	unspecifiedimport
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve

caiso_geothermal	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_biomass	NAN	newresolve
caiso_geothermal	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_geothermal	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_biomass	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_small_hydro	NAN	newresolve
caiso_geothermal	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_geothermal	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_geothermal	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_geothermal	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_biomass	NAN	newresolve

caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	newresolve
caiso_wind	NAN	newresolve
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_biomass	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec

caiso_biomass	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_small_hydro	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_geothermal	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_biomass	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_solar	NAN	unbundledrec
caiso_wind	NAN	unbundledrec
caiso_battery	NAN	existinggeneric
caiso_biomass	NAN	existinggeneric
caiso_biomass	NAN	existinggeneric
caiso_coal	NAN	existinggeneric
caiso_chp	NAN	existinggeneric
caiso_ccgt1	NAN	existinggeneric
caiso_dr	NAN	existinggeneric
caiso_geothermal	NAN	existinggeneric
caiso_reciprocating_engine	NAN	existinggeneric
caiso_hydro	NAN	existinggeneric
caiso_hydro	NAN	existinggeneric
caiso_nuclear	NAN	existinggeneric
caiso_hydro	NAN	existinggeneric

caiso_peaker1	NAN	existinggeneric
caiso_pumped_hydro	NAN	existinggeneric
caiso_solar	NAN	existinggeneric
caiso_solar	NAN	existinggeneric
caiso_solar	NAN	existinggeneric
caiso_solar	NAN	existinggeneric
caiso_steam	NAN	existinggeneric
caiso_unknown	NAN	existinggeneric
caiso_wind	NAN	existinggeneric
caiso_loadmod	NAN	newloadmod
caiso_loadmod	NAN	newloadmod
caiso_loadmod	NAN	newloadmod
caiso_loadmod	NAN	newloadmod
caiso_loadmod	NAN	newloadmod
caiso_battery	NAN	newgeneric
caiso_biomass	NAN	newgeneric
caiso_biomass	NAN	newgeneric
caiso_coal	NAN	newgeneric
caiso_chp	NAN	newgeneric
caiso_ccgt1	NAN	newgeneric
caiso_dr	NAN	newgeneric
caiso_geothermal	NAN	newgeneric
caiso_reciprocating_engine	NAN	newgeneric
caiso_hydro	NAN	newgeneric
caiso_hydro	NAN	newgeneric
caiso_nuclear	NAN	newgeneric
caiso_hydro	NAN	newgeneric
caiso_peaker1	NAN	newgeneric
caiso_pumped_hydro	NAN	newgeneric
caiso_solar	NAN	newgeneric
caiso_solar	NAN	newgeneric
caiso_solar	NAN	newgeneric
caiso_solar	NAN	newgeneric
caiso_steam	NAN	newgeneric
caiso_unknown	NAN	newgeneric
caiso_wind	NAN	newgeneric
caiso_loadmod	NAN	newloadmod
suppliers_choice	NAN	supplierschoice
unspecified_non_import	NAN	unspecifiednonimport

elcc_type

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utility_pv

utility_pv

geothermal

utility_pv

utility_pv

hydro

gas_ct

gas_cc

utility_pv

utility_pv

gas_cc

hr_batteries

steam

steam

steam

hydro

utility_pv

small_hydro

hr_batteries

utility_pv

utility_pv

utility_pv

utility_pv

gas_ct

gas_ct

utility_pv

utility_pv

in_state_wind_south

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hr_batteries

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gas_ct

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n/a

utility_pv

out_of_state_wind_AZNM

utility_pv

in_state_wind_south

offshore_wind

utility_pv

in_state_wind_north

utility_pv

in_state_wind_north

offshore_wind

offshore_wind

offshore_wind

utility_pv

in_state_wind_south

geothermal
utility_pv
in_state_wind_south
utility_pv
in_state_wind_south
offshore_wind
in_state_wind_north
out_of_state_wind_WYID
biomass_wood
geothermal
utility_pv
utility_pv
in_state_wind_north
utility_pv
in_state_wind_south
offshore_wind
utility_pv
utility_pv
out_of_state_wind_AZNM
geothermal
utility_pv
in_state_wind_north
utility_pv
biomass_wood
in_state_wind_north
small_hydro
geothermal
out_of_state_wind_WAOR
geothermal
utility_pv
utility_pv
in_state_wind_north
utility_pv
in_state_wind_south
geothermal
utility_pv
utility_pv
in_state_wind_north
in_state_wind_north
utility_pv
in_state_wind_south
utility_pv
in_state_wind_south
geothermal
utility_pv
in_state_wind_south
biomass_wood

[illegible]

hydro

gas_ct
pumped_storage
utility_pv
utility_pv
utility_pv
utility_pv
steam
n/a
in_state_wind_south
demand_response
demand_response
demand_response
btm_pv
demand_response
hr_batteries
biomass_wood
biomass_wood
coal
cogen
gas_cc
demand_response
geothermal
ice
hydro
hydro
nuclear
hydro
gas_ct
pumped_storage
utility_pv
utility_pv
utility_pv
utility_pv
steam
n/a
in_state_wind_south
demand_response
n/a
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

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

contract_status	bool	yes_no	Year	int_count	transact	cap_areas	cap_sub_areas
Online	0	YES	NA	NA	Buy	Humboldt	North Coast Eagle Rock
Review	1	NO	1970	1	Sell	NorthCoastNorthBay	North Coast Fulton
PlannedExisting		NA	1971	2	Owned	Sierra	Sierra Placer
Development			1972	3		Stockton	Sierra Pease
PlannedNew			1973	4		GreaterBay	Sierra Gold Hill-Drum
			1974	5		GreaterFresno	Stockton Lockeford
			1975	6		Kern	Stockton Tesla-Bellota
			1976	7		BigCreekVentura	Greater Bay Llagas
			1977	8		LABasin	Greater Bay San Jose
			1978	9		SanDiegoImperialValley	Greater Bay South Bay Moss Landing
			1979	10		PacGE	Greater Bay Oakland
			1980	11		SCE	Greater Fresno Panoche
			1981	12		SDGE	Greater Fresno Herndon
			1982	13		AVA	Greater Fresno Hanford
			1983	14		AVRN	Greater Fresno Coalinga
			1984	15		AZPS	Greater Fresno Borden
			1985	16		BANC	Greater Fresno Reedley
			1986	17		BPAT	Kern Westpark
			1987	18		CHPD	Kern Kern Power-Tevis
			1988	19		CSTO	Kern Kern Oil
			1989	20		DEAA	Kern South Kern PP
			1990	21		DOPD	Big Creek/Ventura - Vest
			1991	22		EPE	Creek/Ventura - Santa C
			1992	23		GCPD	LA Basin Eastern
			1993	24		GRIF	LA Basin Western
			1994	25		GRIS	LA Basin El Nido
			1995	26		GRMA	Imperial Valley San
			1996	27		GWA	Imperial Valley El
			1997	28		HGMA	Imperial Valley B
			1998	29		IID	No_sub_area
			1999	30		IPCO	
			2000	31		LDWP	
			2001			NEVP	
			2002			NWMT	
			2003			PACE	
			2004			PACW	

2005	PortGE
2006	PNM
2007	PSCO
2008	PSEI
2009	SCL
2010	SRP
2011	SWPP
2012	TEPC
2013	TIDC
2014	TPWR
2015	WACM
2016	WALC
2017	WAUW
2018	WWA
2019	
2020	
2021	
2022	
2023	
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2060

state_county	d1911016_tranches	d2106035_tranche	energy_capacity_from_resource
NA	NA	NA	EnergyCapacity
AlpineCounty	1	firm_ZE	EnergyOnly
AmadorCounty	1&2	firm_ZE_&_firm_ZE_ext	CapacityOnly
AlamedaCounty	2	firm_ZE_ext	
ButteCounty	2&3	general	
CalaverasCounty	1&3	general_&_firm_ZE	
ColusaCounty	3	general_&_firm_ZE_ext	
ContraCostaCounty	1&2&3	general_&_long_duration_storage	
DelNorteCounty		general_&_long_duration_storage_ext	
ElDoradoCounty		general_&_ZE_gen_paired_dr	
FresnoCounty		long_duration_storage	
GlennCounty		long_duration_storage_&_firm_ZE	
HumboldtCounty		long_duration_storage_&_firm_ZE_ext	
ImperialCounty		long_duration_storage_&_long_duration_storage_ext	
InyoCounty		long_duration_storage_ext	
KernCounty		long_duration_storage_ext_&_firm_ZE	
KingsCounty		long_duration_storage_ext_&_firm_ZE_ext	
LakeCounty		ZE_gen_paired_dr	
LassenCounty		ZE_gen_paired_dr_&_firm_ZE	
LosAngelesCounty		ZE_gen_paired_dr_&_firm_ZE_ext	
MaderaCounty		ZE_gen_paired_dr_&_long_duration_storage	
MarinCounty		ZE_gen_paired_dr_&_long_duration_storage_ext	
MariposaCounty			
MendocinoCounty			
MercedCounty			
ModocCounty			
MonoCounty			
MontereyCounty			
NapaCounty			
NevadaCounty			
OrangeCounty			
PlacerCounty			
PlumasCounty			
RiversideCounty			
SacramentoCounty			
SanBenitoCounty			

SanBernardinoCounty

SanDiegoCounty

SanFrancisco

SanJoaquinCounty

SanLuisObispoCounty

SanMateoCounty

SantaBarbaraCounty

SantaClaraCounty

SantaCruzCounty

ShastaCounty

SierraCounty

SiskiyouCounty

SolanoCounty

SonomaCounty

StanislausCounty

SutterCounty

TehamaCounty

TrinityCounty

TulareCounty

TuolumneCounty

VenturaCounty

YoloCounty

YubaCounty

Washington

Oregon

California

Idaho

Nevada

Utah

Arizona

Colorado

Wyoming

Montana

SouthDakota

NewMexico

Texas

BritishColumbiaCanada

AlbertaCanada

BajaCaliforniaMexico

is_hybrid_paired	csp_cat	solar_Technology_sub_type
NotHybrid	NA	Fixed
ExistingBiomassExistingStorage	Large Hydro (GWh)	SolarThermal
ExistingBiomassNewStorage	Imported Hydro (GWh)	1Axis
ExistingGeothermalExistingStorage	Asset Controlling Supplier (GWh)	2Axis
ExistingGeothermalNewStorage	Nuclear (GWh)	
ExistingSolarExistingStorage	Biogas (GWh)	
ExistingSolarNewStorage	Biomass (GWh)	
ExistingThermalExistingStorage	Geothermal (GWh)	
ExistingThermalNewStorage	Small Hydro (GWh)	
ExistingWindExistingStorage	Wind Baseline California (GWh)	
ExistingWindNewStorage	Wind New PG&E (GWh)	
NewBiomassExistingStorage	Wind New SCE SDG&E (GWh)	
NewBiomassNewStorage	Wind Pacific Northwest (GWh)	
NewGeothermalExistingStorage	Wind Wyoming (GWh)	
NewGeothermalNewStorage	Wind New Mexico (GWh)	
NewSolarExistingStorage	Wind Offshore Morro Bay (GWh)	
NewSolarNewStorage	Wind Offshore Humboldt (GWh)	
NewThermalExistingStorage	Solar Baseline California(GWh)	
NewThermalNewStorage	Solar New PG&E (GWh)	
NewWindExistingStorage	Solar New SCE SDG&E (GWh)	
NewWindNewStorage	Solar Distributed (GWh)	
	Hybrid_or_Paired_Solar_and_Battery (GWh)	
	Shed DR (MW)	
	Pumped Storage (MW)	
	Battery Storage (MWh Energy Capacity)	
	Storage Resource Custom Profile (MW)	
	RPS Resource Custom Profile (GWh)	
	GHG-free non-RPS Resource Custom Profile (GWh)	
	Coal (GWh)	

storage_Technology_sub_type	nqc_reporting_source	n_d1911016_vamo_pcia
Li	In the contract	CAM
Flow	Calculated	D.19-11-016
PSH		VAMO
Other		GHG-free PCIA

[illegible]

				30MMT ELCC (%)			
2032	2033	2034	2035	elcc_type	2024	2025	2026
7%	6%	5%	4%	in_state_wind_south	15%	15%	15%
15%	13%	11%	9%	in_state_wind_north	30%	30%	31%
32%	31%	31%	30%	out_of_state_wind_WYID	43%	39%	36%
20%	19%	19%	18%	out_of_state_wind_WAOR	26%	24%	22%
29%	28%	28%	27%	out_of_state_wind_AZNM	38%	35%	32%
49%	44%	38%	32%	offshore_wind	55%	51%	46%
7%	7%	7%	6%	utility_pv	10%	10%	11%
5%	5%	5%	6%	btm_pv	9%	9%	10%
69%	60%	50%	40%	4hr_batteries	89%	90%	92%
72%	64%	56%	47%	5hr_batteries	89%	90%	92%
75%	69%	62%	55%	6hr_batteries	89%	91%	92%
78%	73%	68%	62%	7hr_batteries	89%	91%	93%
81%	77%	73%	70%	8hr_batteries	89%	91%	93%
83%	80%	76%	73%	pumped_storage	89%	91%	93%
58%	43%	29%	14%	demand_response	89%	91%	92%
50%	48%	45%	43%	hydro	57%	56%	56%
36%	34%	32%	31%	small_hydro	41%	40%	40%
93%	93%	94%	95%	geothermal	86%	88%	89%
84%	85%	87%	88%	biomass_wood	79%	81%	83%
80%	82%	84%	86%	biogas	76%	78%	80%
94%	95%	95%	96%	nuclear	93%	94%	95%
87%	88%	90%	91%	gas_cc	85%	86%	88%
82%	83%	84%	85%	gas_ct	80%	82%	83%
93%	93%	93%	93%	cogen	90%	92%	95%
92%	91%	89%	88%	ice	93%	90%	87%
72%	75%	78%	81%	coal	69%	72%	74%
80%	82%	84%	87%	steam	78%	80%	82%
100%	100%	100%	100%	unspecified_import	100%	100%	100%

[illegible]

25MMT MRN/TRN ratio	2024	2025	2026	2027	2028	2029	2030
	0.77	0.79	0.80	0.78	0.75	0.76	0.77

2031	2032	2033	2034	2035
0.74	0.71	0.68	0.65	0.63

30MMT MRN/TRN ratio

2024
0.80

2025	2026	2027	2028	2029	2030	2031	2032	2033
0.82	0.84	0.80	0.76	0.74	0.72	0.70	0.68	0.67

2034

2035

0.65

0.63

				Capacity (MW)				
Service Ar Type	LSE CPUC	LSE Name		2024	2025	2026	2027	2028
PGE	IOU	PGE	Pacific Gas	2,484	2,671	2,859	3,056	3,257
PGE	ESP		Pacific Gas	1,044	1,116	1,189	1,264	1,342
PGE	CCA	3CE	Central Coa	421	452	484	518	553
PGE	CCA	CPSF	CleanPower	272	293	315	337	361
PGE	CCA	EBCE	East Bay Co	618	668	719	771	828
PGE	CCA	KCCP	King City Co	3	3	4	4	4
PGE	CCA	MCE	Marin Clean	528	564	601	640	683
PGE	CCA	PCEA	Peninsula C	317	339	365	394	426
PGE	CCA	PIONEER	Pioneer Cor	175	188	201	215	230
PGE	CCA	RCEA	Redwood C	62	66	71	76	80
PGE	CCA	SJCE	San José C	350	377	404	432	462
PGE	CCA	SVCEA	Silicon Valle	337	363	388	415	444
PGE	CCA	SOMA	Sonoma Cle	204	220	235	252	269
PGE	CCA	VCEA	Valley Clear	66	71	77	83	90
SCE	IOU	SCE	Southern Ca	3,046	3,286	3,536	3,798	4,068
SCE	ESP		Southern Ca	259	278	297	316	337
SCE	CCA	AVCE	Apple Valley	30	33	35	38	40
SCE	CCA	COBP	Baldwin Par	-	-	-	-	-
SCE	CCA	3CE	Central Coa	32	35	37	39	41
SCE	CCA	CPASC	Clean Powe	451	486	523	562	602
SCE	CCA	DCE	Desert Com	40	43	47	50	53
SCE	CCA	PALMDALE	Energy for F	36	39	42	45	48
SCE	CCA	LCE	Lancaster C	73	79	85	92	98
SCE	CCA	OCPA	Orange Cou	232	250	269	290	311
SCE	CCA	PRIME	Pico Rivera	9	10	10	11	12
SCE	CCA	POMONA	Pomona Ch	7	8	8	9	10
SCE	CCA	RMEA	Rancho Mir	44	48	51	55	59
SCE	CCA	SJP	San Jacinto	23	25	27	29	31
SCE	CCA	SBCE	Santa Barba	20	22	23	25	27
SCE	CCA	WCE	Western Co	-	-	-	-	-
SDGE	IOU	SDGE	San Diego C	438	468	500	533	565
SDGE	ESP		San Diego C	474	507	540	574	608
SDGE	CCA	CEA	Clean Energ	179	192	206	220	235
SDGE	CCA	OCPA	Orange Cou	20	22	23	25	27
SDGE	CCA	SDCP	San Diego C	955	1,026	1,099	1,175	1,251
BEAR	SMJ	BEAR	Bear Valley	7	7	8	8	9

2029	2030	2031	2032	2033	2034	2035
3,469	3,667	3,883	4,090	4,313	4,526	4,734
1,418	1,491	1,560	1,629	1,692	1,752	1,807
588	623	657	690	722	753	783
384	408	432	455	477	499	522
883	940	994	1,047	1,098	1,147	1,196
4	5	5	5	5	6	6
725	779	819	863	897	933	967
456	487	518	550	579	609	639
245	260	275	289	304	318	331
85	90	94	98	102	106	109
492	523	553	583	613	642	670
473	502	531	559	587	614	641
287	305	322	339	357	373	390
96	103	109	116	122	128	134
4,348	4,639	4,941	5,249	5,564	5,883	6,204
358	379	401	425	448	471	495
43	46	49	52	55	58	61
-	-	-	-	-	-	-
44	46	48	51	54	57	61
644	687	732	777	824	871	918
57	61	64	68	73	77	82
52	55	59	62	66	70	74
105	112	119	127	134	142	150
333	356	379	404	428	453	479
13	14	14	15	16	17	18
10	11	12	13	13	14	15
63	67	72	76	80	85	89
33	36	38	40	42	45	47
29	31	33	35	37	39	41
-	-	-	-	-	-	-
599	633	667	701	736	769	802
642	675	707	740	772	803	834
249	264	279	293	308	322	337
28	30	32	33	35	37	38
1,328	1,407	1,486	1,564	1,641	1,718	1,795
10	10	11	12	13	13	14

Reliability Need

CAISO gross peak (MW)
PRM (%)
CAISO total reliability need (TRN) (MW)
MRN/TRN ratio
CAISO marginal reliability need (MRN) (MW)
LSE managed peak share (%)
LSE MRN (MW)

BTM PV

Capacity (MW)

ELCC (%)

Resource Type
in_state_wind_south
in_state_wind_north
out_of_state_wind_WYID
out_of_state_wind_WAOR
out_of_state_wind_AZNM
offshore_wind
utility_pv
btm_pv
4hr_batteries
5hr_batteries
6hr_batteries
7hr_batteries
8hr_batteries
pumped_storage
demand_response
hydro
small_hydro
geothermal
biomass_wood
biogas
nuclear
gas_cc
gas_ct
cogen

ice
coal
steam
unspecified_import

Contract ELCC (effective MW)

Resource Type	Contract Status
hybrid	Online
in_state_wind_south	Online
in_state_wind_north	Online
out_of_state_wind_WYID	Online
out_of_state_wind_WAOR	Online
out_of_state_wind_AZNM	Online
offshore_wind	Online
utility_pv	Online
btm_pv	Online
4hr_batteries	Online
5hr_batteries	Online
6hr_batteries	Online
7hr_batteries	Online
8hr_batteries	Online
pumped_storage	Online
demand_response	Online
hydro	Online
small_hydro	Online
geothermal	Online
biomass_wood	Online
biogas	Online
nuclear	Online
gas_cc	Online
gas_ct	Online
cogen	Online
ice	Online
coal	Online
steam	Online
unspecified_import	Online
hybrid	Development
in_state_wind_south	Development
in_state_wind_north	Development
out_of_state_wind_WYID	Development
out_of_state_wind_WAOR	Development
out_of_state_wind_AZNM	Development
offshore_wind	Development
utility_pv	Development
btm_pv	Development

4hr_batteries	Development
5hr_batteries	Development
6hr_batteries	Development
7hr_batteries	Development
8hr_batteries	Development
pumped_storage	Development
demand_response	Development
hydro	Development
small_hydro	Development
geothermal	Development
biomass_wood	Development
biogas	Development
nuclear	Development
gas_cc	Development
gas_ct	Development
cogen	Development
ice	Development
coal	Development
steam	Development
unspecified_import	Development
hybrid	Review
in_state_wind_south	Review
in_state_wind_north	Review
out_of_state_wind_WYID	Review
out_of_state_wind_WAOR	Review
out_of_state_wind_AZNM	Review
offshore_wind	Review
utility_pv	Review
btm_pv	Review
4hr_batteries	Review
5hr_batteries	Review
6hr_batteries	Review
7hr_batteries	Review
8hr_batteries	Review
pumped_storage	Review
demand_response	Review
hydro	Review
small_hydro	Review
geothermal	Review
biomass_wood	Review
biogas	Review
nuclear	Review
gas_cc	Review
gas_ct	Review
cogen	Review
ice	Review
coal	Review

steam	Review
unspecified_import	Review
hybrid	PlannedExisting
in_state_wind_south	PlannedExisting
in_state_wind_north	PlannedExisting
out_of_state_wind_WYID	PlannedExisting
out_of_state_wind_WAOR	PlannedExisting
out_of_state_wind_AZNM	PlannedExisting
offshore_wind	PlannedExisting
utility_pv	PlannedExisting
btm_pv	PlannedExisting
4hr_batteries	PlannedExisting
5hr_batteries	PlannedExisting
6hr_batteries	PlannedExisting
7hr_batteries	PlannedExisting
8hr_batteries	PlannedExisting
pumped_storage	PlannedExisting
demand_response	PlannedExisting
hydro	PlannedExisting
small_hydro	PlannedExisting
geothermal	PlannedExisting
biomass_wood	PlannedExisting
biogas	PlannedExisting
nuclear	PlannedExisting
gas_cc	PlannedExisting
gas_ct	PlannedExisting
cogen	PlannedExisting
ice	PlannedExisting
coal	PlannedExisting
steam	PlannedExisting
unspecified_import	PlannedExisting
hybrid	PlannedNew
in_state_wind_south	PlannedNew
in_state_wind_north	PlannedNew
out_of_state_wind_WYID	PlannedNew
out_of_state_wind_WAOR	PlannedNew
out_of_state_wind_AZNM	PlannedNew
offshore_wind	PlannedNew
utility_pv	PlannedNew
btm_pv	PlannedNew
4hr_batteries	PlannedNew
5hr_batteries	PlannedNew
6hr_batteries	PlannedNew
7hr_batteries	PlannedNew
8hr_batteries	PlannedNew
pumped_storage	PlannedNew
demand_response	PlannedNew

hydro	PlannedNew
small_hydro	PlannedNew
geothermal	PlannedNew
biomass_wood	PlannedNew
biogas	PlannedNew
nuclear	PlannedNew
gas_cc	PlannedNew
gas_ct	PlannedNew
cogen	PlannedNew
ice	PlannedNew
coal	PlannedNew
steam	PlannedNew
unspecified_import	PlannedNew
LSE total supply (effective MW)	

Load and Resource Table by Resource Type

LSE reliability need (MW)

ELCC by resource type (effective MW)

hybrid
 in_state_wind_south
 in_state_wind_north
 out_of_state_wind_WYID
 out_of_state_wind_WAOR
 out_of_state_wind_AZNM
 offshore_wind
 utility_pv
 btm_pv
 4hr_batteries
 5hr_batteries
 6hr_batteries
 7hr_batteries
 8hr_batteries
 pumped_storage
 demand_response
 hydro
 small_hydro
 geothermal
 biomass_wood
 biogas
 nuclear
 gas_cc
 gas_ct
 cogen
 ice

coal
steam
unspecified_import

LSE total supply (effective MW)

Net capacity position (+ve = excess, -ve = shortfall) (effective MW)

Load and Resource Table by Contract Status

LSE reliability need (MW)

ELCC by contract status (effective MW)

Online

Development

Review

PlannedExisting

PlannedNew

BTM PV

LSE total supply (effective MW)

Net capacity position (+ve = excess, -ve = shortfall) (effective MW)

2024	2025	2026	2027	2028	2029	2030	2031
53,530	54,113	54,769	55,494	56,125	56,797	57,454	58,178
14%	14%	14%	14%	14%	14%	14%	14%
61,024	61,689	62,437	63,263	63,983	64,749	65,498	66,323
0.80	0.82	0.84	0.80	0.76	0.74	0.72	0.70
48,838	50,521	52,204	50,322	48,441	47,702	46,964	46,372

-	-	-	-	-	-	-	-
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2024	2025	2026	2027	2028	2029	2030	2031

2024	2025	2026	2027	2028	2029	2030	2031
15%	15%	15%	12%	8%	8%	8%	7%
30%	30%	31%	24%	17%	17%	16%	15%
43%	39%	36%	37%	39%	31%	24%	25%
26%	24%	22%	23%	24%	19%	14%	15%
38%	35%	32%	34%	35%	28%	21%	22%
55%	51%	46%	49%	51%	47%	43%	40%
10%	10%	11%	10%	9%	8%	6%	6%
9%	9%	10%	8%	7%	6%	5%	5%
89%	90%	92%	85%	77%	76%	75%	68%
89%	90%	92%	86%	80%	78%	77%	71%
89%	91%	92%	87%	82%	81%	80%	75%
89%	91%	93%	89%	84%	83%	82%	78%
89%	91%	93%	90%	87%	86%	85%	82%
89%	91%	93%	91%	89%	89%	89%	86%
89%	91%	92%	77%	62%	61%	59%	50%
57%	56%	56%	53%	50%	49%	48%	47%
41%	40%	40%	38%	36%	35%	35%	34%
86%	88%	89.25%	91%	93%	92%	92%	93%
79%	81%	83%	83%	83%	82%	82%	83%
76%	78%	80%	80%	79%	78%	77%	79%
93%	94%	95%	94%	94%	94%	93%	94%
85%	86%	88%	87%	87%	86%	85%	86%
80%	82%	83%	83%	82%	81%	79%	80%
90%	92%	95%	92%	89%	89%	89%	90%

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
55	56	58	55	50	48	47	43
55	56	58	55	50	48	47	43

2024	2025	2026	2027	2028	2029	2030	2031
-	-	-	-	-	-	-	-
2	2	2	1	1	1	1	1
53	54	57	54	49	47	46	42
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
55	56	58	55	50	48	47	43
55	56	58	55	50	48	47	43

2032	2033	2034	2035
58,827	59,511	60,161	60,803
14%	14%	14%	14%
67,063	67,843	68,584	69,315
0.68	0.67	0.65	0.63
45,780	45,188	44,596	44,005

-	-	-	-
---	---	---	---

2032	2033	2034	2035

2032	2033	2034	2035
7%	6%	5%	4%
13%	12%	10%	9%
26%	27%	29%	30%
16%	17%	18%	18%
24%	25%	26%	27%
38%	36%	34%	32%
6%	6%	6%	6%
5%	5%	5%	6%
61%	54%	47%	40%
65%	59%	53%	47%
70%	65%	60%	55%
74%	70%	66%	62%
79%	76%	73%	70%
83%	80%	76%	73%
41%	32%	23%	14%
46%	45%	44%	43%
33%	32%	32%	31%
93%	94%	95%	95%
85%	86%	88%	89%
81%	83%	85%	87%
95%	95%	96%	96%
88%	89%	90%	91%
81%	82%	83%	84%
90%	91%	92%	93%

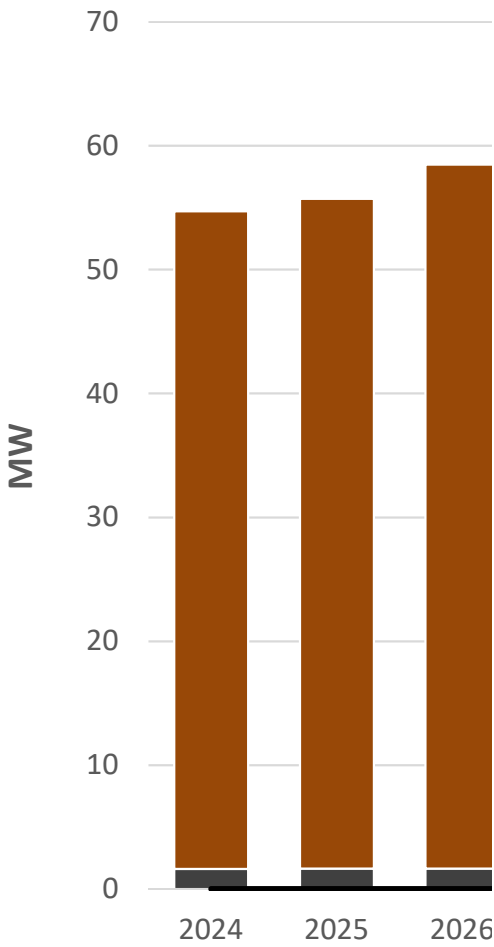
89%	88%	87%	86%
74%	77%	80%	83%
82%	84%	86%	88%
100%	100%	100%	100%

[illegible]

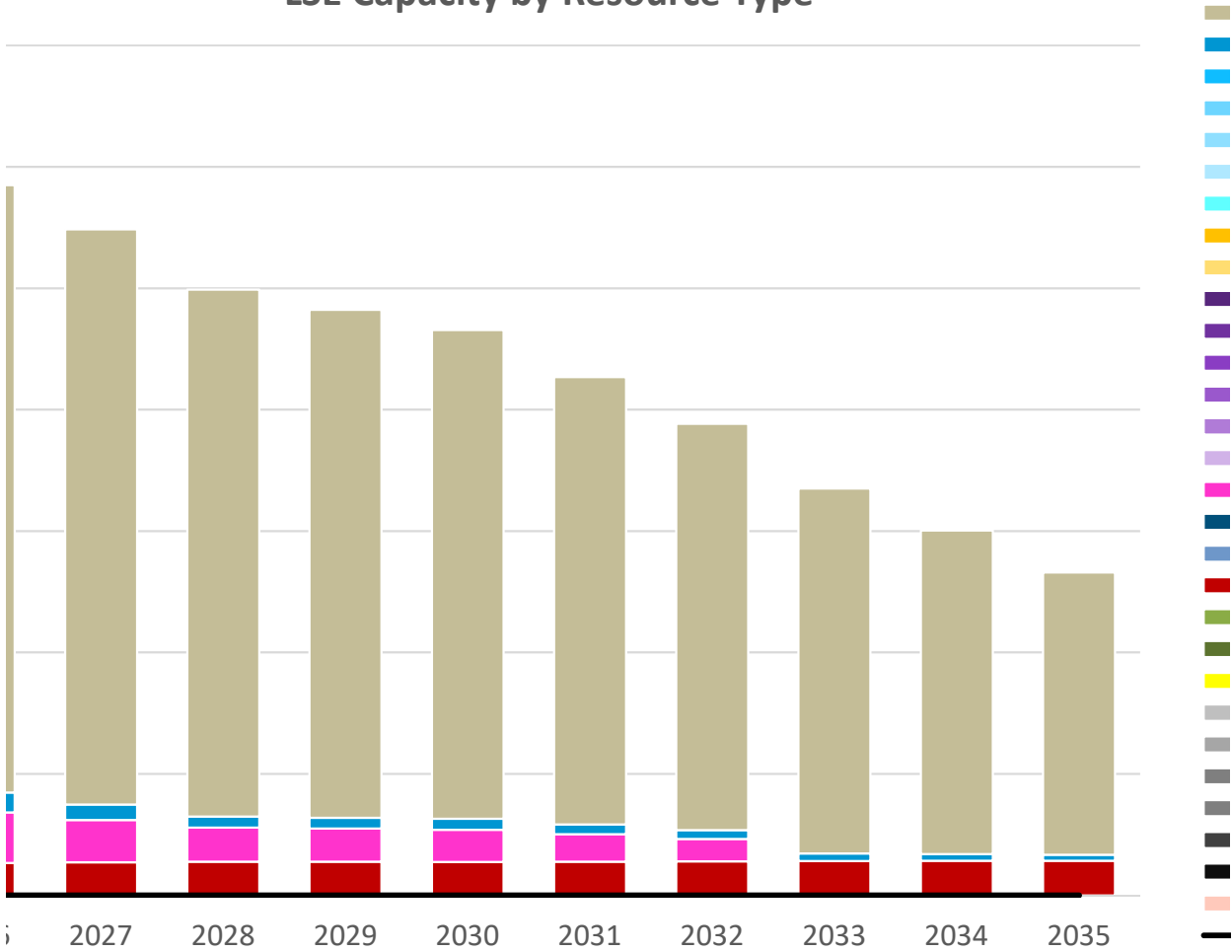
[illegible]

-	-	-	-
-	-	-	-
-	-	-	-
39	34	30	27
39	34	30	27

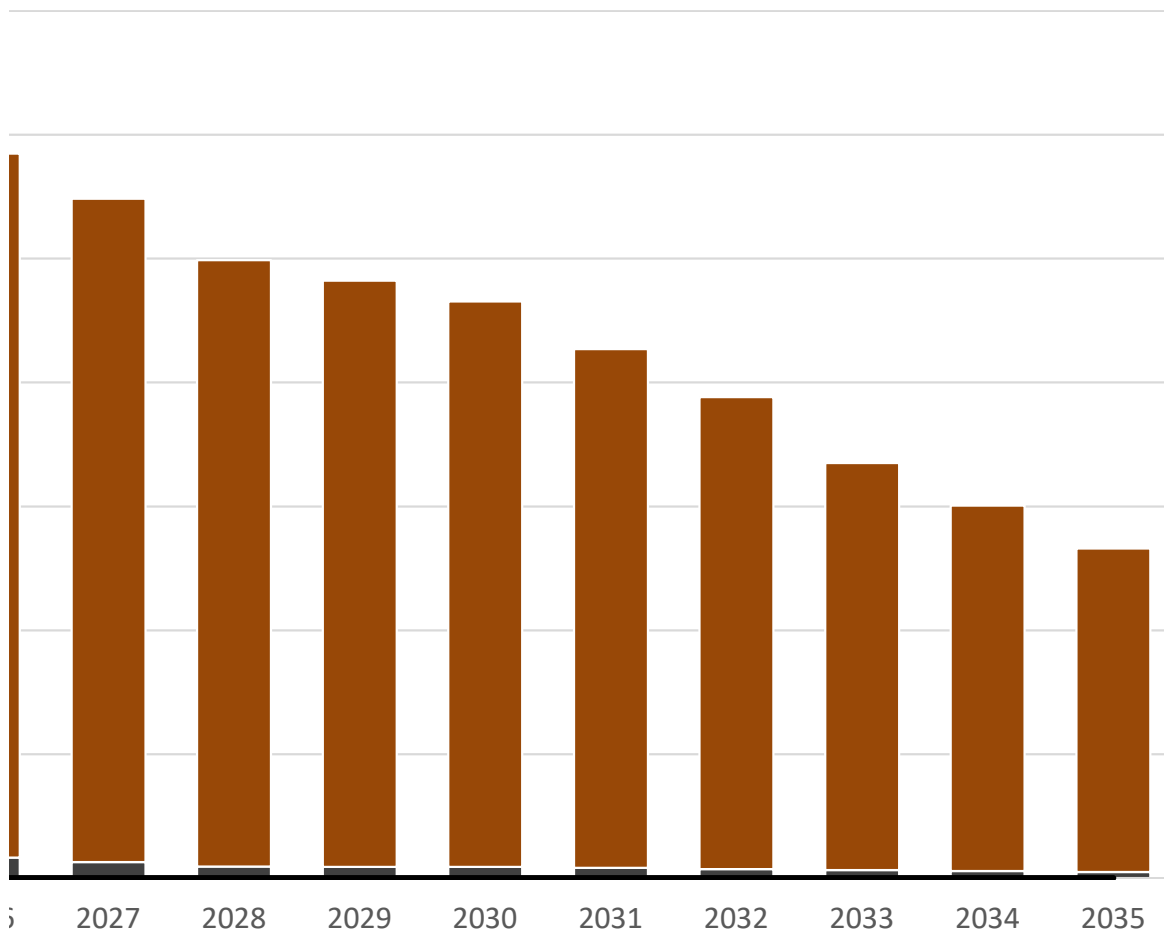
2032	2033	2034	2035
-	-	-	-
1	1	1	0
38	33	29	26
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
39	34	30	27
39	34	30	27



LSE Capacity by Resource Type



LSE Capacity by Contract Status



hybrid
in_state_wind_south
in_state_wind_north
out_of_state_wind_WYID
out_of_state_wind_WAOR
out_of_state_wind_AZNM
offshore_wind
utility_pv
btm_pv
4hr_batteries
5hr_batteries
6hr_batteries
7hr_batteries
8hr_batteries
pumped_storage
demand_response
hydro
small_hydro
geothermal
biomass_wood
biogas
nuclear
gas_cc
gas_ct
cogen
ice
coal
steam
unspecified_import
— LSE reliability need (MW)



Resource	2024	2026	2030	2035
Large Hydro	-	-	-	-
Imported Hydro	-	-	-	-
Asset Controlling Supplier	-	-	-	-
Nuclear	-	-	-	-
Biogas	-	-	-	-
Biomass	-	-	-	-
Geothermal	-	-	-	-
Small Hydro	-	-	-	-
Wind Resources				
Wind Baseline California	-	-	-	-
Wind New PG&E	-	-	-	-
Wind New SCE SDG&E	-	-	-	-
Wind Pacific Northwest	-	-	-	-
Wind Wyoming	-	-	-	-
Wind New Mexico	-	-	-	-
Wind Offshore Morro Bay	-	-	-	-
Wind Offshore Humboldt	-	-	-	-
Solar Resources				
Solar Baseline California	-	-	-	-
Solar New PG&E	-	-	-	-
Solar New SCE SDG&E	-	-	-	-
Solar Distributed	-	-	-	-
Hybrid				
Hybrid_or_Paired_Solar_and_Battery	-	-	-	-
Storage & DR				
Shed DR	-	-	-	-
Pumped Storage	-	-	-	-
Battery Storage	-	-	-	-
User-Specified Profiles				
Storage Resource Custom Profile	-	-	-	-
RPS Resource Custom Profile	-	-	-	-
GHG-free non-RPS Resource	-	-	-	-
Coal				
Coal	-	-	-	-

Units	Type
GWh	GHG-Free
GWh	GHG-Free
GWh	GHG-Free (Partial)
GWh	GHG-Free
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
GWh	RPS Eligible
MW	GHG-Free
MW	n/a
MWh Energy Capacity	n/a
MW	n/a
GWh	RPS Eligible
GWh	GHG-Free
GWh	n/a

Duplicated Contract IDs: Entry with non-positive values: Invalid resource error rows:

Rows missing required project viability associated data:

Rows missing required hybrid associated data: Supertype Contract Status Error or Null Rows:

Transaction counterparty error rows: Rows missing CSP GWh:

Rows with invalid buying_energy_capacity and csp_resource_category: Rows missing MTR NQC:

Warning-total capacity is equal to or greater then generator plus storage MWs for rows:

APPENDIX D



Cleaner electricity • Local control • Competitive rates

February 1, 2023

Rachel Peterson
Executive Director
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Re: Long Lead-Time Resource Procurement Obligation Deadline Extension Request for Desert Community Energy

Dear Executive Director Peterson:

Pursuant to Ordering Paragraph (OP) 5 of D.21-06-035 and the Additional Instructions for D.21-06-035 set out in the Commission's Filing Requirements Overview for February 1, 2023, IRP Procurement Compliance Filing & Data Request dated January 4, 2023 (Overview), Desert Community Energy ("DCE") hereby submits this Long Lead-Time Resource Procurement Obligation Deadline Extension Request for the long-duration storage portion of the long lead-time (LLT) resource procurement obligation assigned to DCE in Table 6 of D.21-06-035. The below narrative and the documents attached to this Deadline Extension Request demonstrate DCE's good faith effort to comply with this obligation.

In October 2021, the DCE Board of Directors approved the release of an all-source solicitation for projects to support its Mid-Term Reliability procurement requirement under D. 21-06-035 (MTR RFO). The MTR RFO was issued with the primary goal of procuring projects to meet the state's reliability requirements and a secondary goal of potentially bringing additional long-term renewable power into DCE's portfolios.

DCE worked with other CCAs on a joint procurement in the MTR RFO, rather than conducting a stand-alone solicitation. DCE's partners were California Choice Energy Authority (CalChoice), a CCA whose members are eight cities and towns in Los Angeles, Riverside, San Bernardino and Santa Barbara Counties, and Clean Energy Alliance (CEA), a CCA whose members are seven cities in San Diego County. Solicitation materials in the MTR RFO launched in January 2022 are attached as Appendix A to this Deadline Extension Request.

DCE's stated objective of the joint MTR RFO was to procure long-term resources to meet its D.21-06-035 compliance requirements as well as its own internal green energy goals. DCE included the following qualitative and quantitative criteria for assessment when reviewing proposed projects:

- Eligibility as a resource to meet D.21-06-035 criteria
- Resource location

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- Renewable technology types (including some preferences for co-located storage)
- Environmental impact and potential environmental benefits
- Development status
- Financing status
- Developer experience
- Net project cost considering CAISO revenues and congestion
- Generation profile versus net DCE hourly load profile
- Minimum installed capacity size and offered annual generation volume
- Delivery start date and term

DCE's Board has approved two projects that satisfy the D.21-06-035 procurement order, which were submitted in the joint MTR RFO of DCE together with its CCA partners California Choice Energy Authority and Clean Energy Alliance. In July 2022, DCE executed a 10-year Western Systems Power Pool Resource Adequacy Confirmation (Confirmation) with Resi Station, LLC, for resource adequacy benefits from a demand response project. The Confirmation is attached as Appendix B to this Deadline Extension Request.

In September 2022, DCE executed a Renewable Power Purchase Agreement (RPPA) with Cape Generating Station 1 LLC, a subsidiary of Fervo Energy (Fervo), for a geothermal project located in Beaver County, Utah. DCE's pro rata share of the project is 3 megawatts (MW) of the 20 MW average net capacity over a 15-year period, with an expected commercial operation date (COD) of June 1, 2026. DCE's pro rata share of the project is 3 megawatts (MW) of the 20 MW average net capacity, which satisfies its D.21-06-035 requirement for LLT firm, zero emission resources. The RPPA is attached as Appendix C to this Deadline Extension Request.

Fervo's geothermal systems make use of horizontal drilling techniques coupled with Organic Rankine Cycle (ORC) generator systems to deliver zero-carbon, zero-emission electricity. ORC power plants are zero-carbon, zero-emission generators. Thermal energy is supplied at high temperature to the ORC by a heat transfer fluid consisting of geothermal brine. The ORC turbogenerator then converts thermal energy from geothermal fluid into electric energy using a turbine coupled with an electric generator. ORC plants are fully dispatchable and flexible, with extremely fast ramping rates of up to 30 percent of nominal capacity per minute. The project will be eligible for RPS certification and inclusion in DCE's Carbon Free product generation portfolio. The engineering assessment demonstrating that this project meets the 80% capacity factor, per D.21-06-035, OP 2(b), is attached as Appendix D to this Deadline Extension Request.

The Cape Generating Station project will be located outside of Milford in Beaver County, Utah, approximately 10-to-15 miles from the Milford Wind Corridor project. That project is connected directly to the Los Angeles Department of Water and Power's (LADWP) Intermountain Power Project (IPP) Station Switchyard via the Milford Wind Line, which is a dedicated transmission line. Fervo anticipates negotiating a private user agreement with the owner of that line and entering into a Large Generator Interconnection Agreement with LADWP for an interconnection at the IPP Station Switchyard. Fervo has full site control of the project area, which has been achieved through geothermal resource leases signed with surface and mineral owners; this will allow Fervo to develop, construct, own and operate the project. Evidence of site control is attached as Appendix E to this Deadline Extension Request.

To ensure the project is on track to reaching commercial operation, Fervo is contractually obligated to provide a progress report to DCE every three months until the construction start date. After the construction start date, DCE will be provided a monthly progress report until the COD and agrees to regularly scheduled meetings between representatives of DCE and Fervo to review such monthly reports and discuss Fervo's construction progress.

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Fervo is also obligated to meet development milestones, and report on the progress towards achieving these milestones. Progress reports will include whether Fervo has met or is on target to meet the milestones, identification of any missed milestones, including the cause of delay, and a detailed description of Fervo's corrective actions to achieve the missed milestones and all subsequent milestones by the COD. These milestones include: evidence of site control, CEC Pre-Certification obtained, receipt of Phase I and Phase II Interconnection study results for Fervo's Interconnection Facilities, executed interconnection agreement, expected construction start date, initial synchronization, network upgrades completed, and COD.

On December 27, 2022, Fervo sent DCE a quarterly progress report indicating that Fervo is not forecasting any delay in the contractually agreed COD of June 1, 2026, at this time. Accordingly, DCE believes that it currently complies with its D.21-06-035 requirement for LLT firm, zero emission resources and is not requesting a deadline extension for that requirement.

Although the joint MTR RFO with DCE's CCA partners also sought long-duration storage projects, the joint procurement team received limited responses. Of these responses, the projects were either unviable or ineligible. Further details about the insufficient bids are set out in the affidavit attached as Appendix F to this Deadline Extension Request.

DCE staff now wishes to launch a new RFO ("2023 RFO") to satisfy its long-duration storage and additional procurement obligations following the CPUC's expected approval of the Proposed Decision Ordering Supplemental Mid-Term Reliability Procurement (2026-2027) and Transmitting Electric Resource Portfolios to California Independent System Operator for 2023-2024 Transmission Planning Process, issued on January 13, 2023. As part of the 2023 RFO, DCE will request offers for renewable energy and storage projects including for distributed energy resources such as rooftop solar, with a preference for projects both locally in the DCE territory and within the inland region.

The 2023 RFO will include information for potential respondents that will allow for a detailed quantitative analysis of all proposed projects to support the RFO evaluation and selection. One or more term sheets laying out DCE's preferred contracting terms will also be included for potential respondents to consider while developing their offer and pricing. DCE staff has begun discussions with another CCA to potentially partner in the 2023 RFO as was the case for the MTR RFO, rather than conducting a stand-alone solicitation. Further information about the 2023 RFO is set out in the staff report for the February 6, 2023, meeting of DCE's Board of Directors attached as Appendix G to this Deadline Extension Request.

The above narrative and attached documents clearly demonstrate DCE's good faith effort to comply with the LLT resource procurement obligation assigned to DCE in Table 6 of D.21-06-035. DCE, together its CCA partners, carried out the MTR RFO that led to the Fervo geothermal project that will allow DCE to satisfy its D.21-06-035 requirement for LLT firm, zero emission resources. DCE, either alone or with another CCA, expects to launch the 2023 RFP in the coming weeks to satisfy its long-duration storage and additional procurement obligations. DCE hereby asks the CPUC to grant its request to extend its LLT resource procurement obligation deadline for long-duration storage to June 1, 2028, in accordance with OP 5 of D.21-06-035 and the Commission's Overview.

Sincerely,


Tom Kirk (Jan 31, 2023 16:32 PST)

Tom Kirk
Executive Director

LLT Resource Procurement Obligation Deadline Extension Request for DCE

Final Audit Report

2023-02-01

Created:	2023-01-31
By:	Allen McMillen (amcmillen@cvag.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAA0CTIT2mGezPg7KpqtFQBbWtsW-EYMW_k

"LLT Resource Procurement Obligation Deadline Extension Request for DCE" History

-  Document created by Allen McMillen (amcmillen@cvag.org)
2023-01-31 - 9:18:22 PM GMT
-  Document emailed to tkirk@cvag.org for signature
2023-01-31 - 9:19:00 PM GMT
-  Email viewed by tkirk@cvag.org
2023-01-31 - 10:24:41 PM GMT
-  Signer tkirk@cvag.org entered name at signing as Tom Kirk
2023-02-01 - 0:32:54 AM GMT
-  Document e-signed by Tom Kirk (tkirk@cvag.org)
Signature Date: 2023-02-01 - 0:32:56 AM GMT - Time Source: server
-  Agreement completed.
2023-02-01 - 0:32:56 AM GMT

AFFIDAVIT of
Desert Community Energy

State of California

County of Riverside

I, Tom Kirk, Officer of Desert Community Energy (“DCE”), a public agency, and known to be a credible person and of lawful age, hereby declare under the penalty of perjury that insufficient bids for a 2026 reliability resource were accepted for the reasons contained in the attached Compliance Data Report (“Report”).

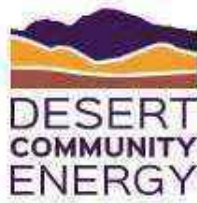
Furthermore, the information and statements contained in following Report are true and correct to the best of my knowledge and that as an authorized agent of DCE, I maintain the authority to submit this report and affidavit on DCE’s behalf.

Sworn under the penalty of perjury on this 31st day of January, 2023.

By: Tom Kirk
Tom Kirk (Jan 31, 2023 16:33 PST)

Tom Kirk
Executive Director
Desert Community Energy
73710 Fred Waring Drive, Suite 200
Palm Desert, CA 92260
(760) 346-1127
tkirk@cvag.org

Attachment A
MTR RFO Solicitation Materials



**DESSERT COMMUNITY ENERGY,
CALIFORNIA CHOICE ENERGY
AUTHORITY & CLEAN ENERGY
ALLIANCE**

**Mid-Term Reliability Request for
Proposals**

January 4, 2022

**Responses are due by 5:00 pm Pacific Time
on February 4, 2022**

1.0 Introduction

1.1 OVERVIEW

Dessert Community Energy, California Choice Energy Authority (on behalf of Apple Valley Choice Energy, Energy for Palmdale's Independent Choice, Lancaster Choice Energy, Pico Rivera Innovative Municipal Energy, Pomona Choice Energy, Rancho Mirage Energy Authority, San Jacinto Power, and Santa Barbara Clean Energy), and Clean Energy Alliance (collectively "the LSEs") are administering this RFP to meet procurement obligations pursuant to Decision D.21-06-035 of the California Public Utilities Commission's (CPUC) - Decision Requiring Procurement to Address Mid-Term Reliability for 2023-2026 ("the Decision")¹. Eligible resources will need to meet, at a minimum, System Resource Adequacy requirements which includes receiving Net Qualifying Capacity and the ability to be listed on the LSE's Resource Adequacy ("RA") supply plan.

The goal of this RFP is to meet the requirements of the Decision, however, the LSEs may consider contracting with renewable energy projects that meet the LSEs long-term California Renewables Portfolio Standard ("RPS") needs.

1.2 ELIGIBILITY REQUIREMENTS

Pursuant to Decision 21-06-035, the LSEs are seeking projects that meet the basic requirements of the Decision, and projects that have the attributes to qualify for the Diablo Canyon replacement and Long Lead-time resource procurement categories.

For a resource to be eligible for the basic requirement, the project must:

- Be online by the compliance tranche deadlines: 8/1/2023, 6/1/2024, or 6/1/2025, with a preference for projects with an earlier COD

- Online status includes achieving full operation, receiving NQC, and being eligible to be listed on an NQC supply plan

- Provide incremental RA, and are excluded from the Baseline List of Resources associated with the Decision²

- Available to contract for a term of at least 10 years

- Must be non-fossil fueled

For a resource to be eligible for the Minimum Zero-Emitting Capacity (Diablo Canyon replacement) category, the project must meet the additional attributes:

- Zero emitting and from a generation resource, a generation resource paired with storage, or a demand response resource

- Standalone storage not permitted

- Available every day from 5 pm to 10 pm (the beginning of hour ending 18 through hour ending 23), Pacific Time, at a minimum

- Able to deliver at least 5 megawatt-hours of energy during each of these daily periods for every megawatt of incremental capacity claimed (e.g., must be a resource capable of delivering for 5 consecutive hours)

Long Lead-time resources are broken down into two sub-categories: Firm zero-emitting

¹ <https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M389/K603/389603637.PDF>

² https://www.cpuc.ca.gov/-/media/cpuc-website/divisions/energy-division/documents/integrated-resource-plan-and-long-term-procurement-plan-irp-ltpp/d2106035_baseline_gen_list.xlsx

resources and Long-duration storage resources.

Long-duration storage resources must have the additional attribute:

Able to discharge at maximum capacity for 8 continuous hours from a single storage resource

Firm zero-emitting resources must meet the additional attributes:

Has at least an 80 percent capacity factor

Cannot be use limited or weather dependent

Cannot be a storage project

The LSE's total procurement targets (MW) by year and by category per Decision D.21-06-035 are as follows:

LSE	2023	2024	2025	2026 LTT Resources*	Minimum Zero-Emitting Capacity by 2025**	Total
Apple Valley Choice Energy	3	8	2	3	3	16
Clean Energy Alliance	7	20	5	7	8	38
Desert Community Energy	6	18	4	6	7	34
Lancaster Choice Energy	6	19	5	6	8	37
Pico Rivera Innovative Municipal Energy	2	7	2	2	3	14
Pomona Choice Energy	5	14	3	5	6	26
Rancho Mirage Energy Authority	3	9	2	3	4	18
San Jacinto Power	2	5	1	2	2	10
Santa Barbara Clean Energy	2	7	2	2	3	13
TOTAL:	36	107	26	36	44	206

2.0 Submission Details

2.1 RFP MATERIALS

Participants may access and download all RFP documents and posted Q&A at <https://teamarketplace.azurewebsites.net> (the "RFP Website")

2.2 SCHEDULE

The following schedule and deadline apply to this RFP. The LSEs reserve the right to amend the proposed schedule at any time at the LSEs sole discretion.

EVENT	DATE
Issuance of RFP	January 4, 2022
Questions Due	January 18, 2022
Q&A Posted	January 25, 2022
Response Due Date	February 4, 2022
Shortlist Selection and Interviews	March 7, 2022
Contract Negotiation Period	March 8, 2022 – June 17, 2022

2.3 QUESTIONS AND ANSWERS

All inquiries, or questions pertaining to the requirements set forth in the RFP may be submitted via email to MTRRFP@teainc.org by 5:00pm PPT on February 4, 2022. Questions and responses will be made public for all participants and posted on the RFP Website. The LSEs reserve the right to respond to no questions or only a subset of the questions received.

2.4 BINDING PROPOSALS

Respondents must provide the full legal name of the expected counterparty that would be bound by any agreement with the LSEs resulting from this solicitation. The cover letter provided by the respondent should be on the respondent's letterhead, signed by an authorized representative of the bidding company.

3.0 Collateral Requirements

3.1 SHORTLIST DEPOSIT

Shortlisted respondent(s) will be required to submit a shortlist deposit. The deposit is intended to secure the obligations of any shortlisted respondent(s) during the negotiating period and to ensure that each offer has been carefully considered. The shortlist deposit will be [\$4.00]/kW of offered nameplate or RA Capacity.

The shortlist deposit will be returned to the respondent if one or more of the conditions occur:

- Execution of a contract
- Rejection of the respondent's offer
- Written understanding that successful conclusion of contract negotiation is not achievable, as determined by the LSEs, or
- The LSEs terminate this RFP.

Respondent(s) will forfeit its deposit if:

- Material misrepresentations of information related to the respondent's offer are identified,
- Respondent fails to comply with the terms and conditions of this RFP process, or
- Respondent unilaterally withdraws the offer or attempts to materially modify the terms of its offer following the respondent's acceptance of shortlist status and submittal of deposit.

3.2 DEVELOPMENT SECURITY AND PERFORMANCE ASSURANCE

The LSEs will require collateral to be posted on all executed agreements. The Development Security will be held by the LSEs until the Commercial Operation Date of the project. The Performance Assurance is required to be posted on or before the Commercial Operation Date through the end of the Term.

Credit/Collateral Requirements:

Product Type	Development Security (\$/kw)	Performance Security (\$/kw)
RA-Only	\$60	\$40
Standalone Renewable Generation	\$60	\$60
Renewable Generation Paired with Energy Storage	\$75	\$75
Standalone Energy Storage	\$90	\$90
Demand Response	\$40	\$30

4.0 Submission Details

4.1 SUBMITTAL INSTRUCTIONS

Responses to this RFP are due by the deadline listed in the schedule in Section 2.2 and must be submitted via email to MTRRFP@teainc.org. Submission packages must include the following materials to be deemed complete:

- ☐ Cover Letter (PDF)
- ☐ Statement of Developer Information and Qualifications (PDF)
- ☐ Offer Form (Excel)
- ☐ Redlined Term Sheet(s) (Word)
- ☐ Financial Statements (PDF)

4.2 COVER LETTER

Respondents are to provide a brief narrative of the project, including a technology description, the location, sizing, pricing, and any relevant high-level details. The cover letter must be signed by an authorized representative of the bidding company.

4.3 STATEMENT OF DEVELOPER INFORMATION AND QUALIFICATIONS

Respondents shall include the following elements outlining their firm information and qualifications:

A brief description of the respondent's firm, including legal form and ownership, and an identification of the size, stability, and capacity of the respondent's firm, including, at a

minimum, an identification of the following:

- Total number of years in operation
- Total current number of employees
- Number of offices & locations

A description of the respondent's experience developing, building, financing, and operating projects of a similar size, scope, and complexity as the project being offered in this RFP, including all of the following:

- Number of years the respondent has been developing relevant projects
- List of projects and nameplate megawatts that the respondent has developed that have met commercial operation
- Total nameplate megawatts under development in total and within CAISO territory
- List of the respondent's principals, employees and agents, including brief bios and extended resumes, which the respondent intends to assign to this project. The respondent shall include their anticipated roles on the project and their experience with developing similar projects
- For anticipated subcontractors (if any), the respondent shall provide a description of the subcontractors' role on the project as well as a description of the subcontractor firm, experience developing, building, financing, and operating projects of a similar size, scope, and complexity as required by this RFP and bios and resumes of the key subcontractor team members

4.4 OFFER FORM

The excel Offer Form is the primary source of data for evaluating submissions. Completing the Form template is mandatory, and all required fields must be completed for each submission to be considered compliant. Provide a separate Offer Form for each unique configuration that is being offered.

4.5 REDLINED TERM SHEET

Term sheets for RA with Energy and RA only are posted on the RFP Website. Respondents are to provide comments and proposed edits in Track Changes indicating limited adjustments to commercial terms presented in the applicable Term Sheet that they wish to negotiate should their project get shortlisted. The Term Sheet should be filled in with the primary offer details.

4.6 FINANCIAL STATEMENTS

Please provide at least two recent years of audited financials with their package. If the respondent is being financed by a parent company of the respondent, please submit financial statements for that entity in addition to those of the respondent.

5.0 Contract Negotiations

Term sheets have been provided for the various product configurations that the LSEs anticipate procuring in this RFP. During the shortlisting process, applicable pro forma agreements will be issued. Limited requests for adjustments and edits to the form agreements will be considered, provided that such requested edits are consistent with the respondent's redline edits to the Term Sheet(s) as submitted in the RFP response package. The LSEs reserve the right to negotiate modifications to purchase agreements with shortlisted parties to include other power products not originally offered as needed.

6.0 No Guarantee of Offer or Agreement

This RFP does not constitute an offer from the LSEs to buy and creates no obligation to execute any agreement as a consequence of this RFP. Under no circumstances shall LSEs be bound by the terms of any Bidder's proposal nor any subsequent agreement until the LSEs have obtained all necessary approvals of its management and all the conditions precedent, if any, set forth in a fully executed agreement have been satisfied or waived.

The LSEs reserves the right, without qualification and in its sole discretion to: (i) select multiple Bidders or no Bidders at all, or (ii) negotiate one or more agreements on a bilateral basis outside the terms of this RFP. The LSEs may at any time and for any reason decline to enter into any potential agreements with any Bidder, terminate negotiations with any Bidder, or to abandon the RFP process in its entirety. The LSEs reserves the right, without qualification and sole discretion, to consider, accept, or reject a Bidder's request to replace one or more projects with another project(s) proposed by Bidder. In the LSEs' sole discretion, the LSEs may evaluate any such proposed replacement project(s) using the evaluation criteria as specified in this RFP or may follow any evaluation criteria or process as the LSEs may determine is appropriate and in the best interest of the LSEs. The LSEs shall not be liable to any Bidder submitting a proposal in response to this RFP. The LSEs shall not be liable to any Bidder or party in law or equity for any reason whatsoever for any acts or omissions arising out of or in conjunction with this RFP. No implied or express waiver of the LSEs' rights are intended and the LSEs reserve all rights.

Each Bidder's costs for developing its proposals, including all RFP review, bid preparation and submittal costs, are entirely the responsibility of the applicable Bidder, and LSEs shall not have any responsibility or liability for such costs.

**TERM SHEET
FOR
RENEWABLE GENERATION AND/OR ENERGY STORAGE**

THIS TERM SHEET FOR RENEWABLE GENERATION AND/OR ENERGY STORAGE (“**Term Sheet**”) is entered into as of [], 2022 (the “**Effective Date**”), between and among California Choice Energy Authority, a California joint powers authority (“**CalChoice**”), Clean Energy Authority, a California joint powers authority (“**CEA**”); Desert Community Energy, a California joint powers authority (“**DCE**”) and [Respondent] (“**Respondent**”). This Term Sheet is intended to set forth the key commercial terms and conditions to be included in a proposed agreement for the purchase and sale of renewable energy and/or energy storage (each such agreement, a “**PPA**”) to be negotiated between one or more of CalChoice, CEA and/or DCE, as applicable (“**Buyer**”) and [e.g., Project Company LLC] (“**Seller**”) (the “**Proposed Transaction**”). As used herein, Buyer and Seller are each a “**Party**” and collectively the “**Parties**.” Notwithstanding anything herein to the contrary, until a definitive agreement is fully negotiated and all applicable approvals have been received for each Party, no Party shall have any legal obligations, expressed or implied, or arising in any other manner under this Term Sheet to continue negotiations or enter into the Proposed Transaction or the PPA.

1. Terms and Conditions.

Description of Facility:	<input type="checkbox"/> A [] MW [renewable energy generation] project. <input type="checkbox"/> A [] MW/[] MWh (at [e.g., four (4), five (5), etc.] hour discharge) energy storage facility. <input type="checkbox"/> A [] MW [renewable energy generation] project, and a [co-located][hybrid] [] MW/[] MWh (at [e.g., four (4), five (5), etc.] hour discharge) energy storage facility located in [] County, in the State of [].
Contract Price:	Generating Facility: <input type="checkbox"/> \$[]/MWh for all Contract Years. <input type="checkbox"/> \$[]/MWh for initial Contract Year, with []% annual escalation in subsequent Contract Years. Storage Facility: <input type="checkbox"/> \$[]/kW-mo for all Contract Years. <input type="checkbox"/> \$[]/kW-mo for initial Contract Year, with []% annual escalation in subsequent Contract Years.
Settlement Point:	The Settlement Point shall be [e.g., SP-15/Facility PNode].
Delivery Term:	[] Contract Years.
Guaranteed Capacity:	The Generating Facility has a Guaranteed Capacity of [XX] MW _{AC} .
Storage Contract Capacity:	The Storage Facility will have an initial Storage Capacity of [XX] MW _{AC} for [e.g., four (4), five (5), etc.] hour discharge.
Facility NQC:	Buyer is entitled to all project Capacity Attributes. The Net Qualifying Capacity (NQC) of the Facility is [XX] MW.

RA Guarantee Date:	“RA Guarantee Date” means the date that is sixty (60) days after the Commercial Operation Date.
Capacity Area:	[CAISO System, Sierra, Stockton, LA Basin, etc.]
Deliverability:	The Facility will have Full Capacity Deliverability Status by the Commercial Operation Date.
Scheduling Coordinator:	[Buyer or Buyer’s agent][Seller or Seller’s agent] shall act as Scheduling Coordinator (as defined by the CAISO), or “SC,” for the Facility.
Interconnection Point:	The Facility shall interconnect to [e.g., <i>XX substation</i>] (the “Interconnection Point”). Seller shall be responsible for all costs of interconnecting the Facility to the Interconnection Point.
Commercial Operation Date (“COD”):	<p>The COD shall be the date when all of the following requirements have been met to Buyer’s reasonable satisfaction, including Seller providing a certificate from an independent engineer to Buyer with respect to subparts (i), (ii), (iii), and (iv) (such certificate, the “COD Certificate”):</p> <ul style="list-style-type: none"> (i) Facility has met all Interconnection Agreement requirements and is capable of delivering energy from the Facility to the CAISO Grid; (ii) Commissioning of equipment has been completed in accordance with the manufacturer’s specification; (iii) Ninety-five percent (95%) of Guaranteed Capacity and, if applicable, the Storage Contract Capacity, has been installed and commissioned; (iv) All applicable permits and government approvals required for the operation of the Facility have been obtained; (v) Seller has delivered the Performance Security to Buyer; and (vi) Seller has paid Buyer for all amounts owing under the PPA. <p>Seller shall provide notice of expected COD to Buyer in writing no less than sixty (60) days in advance of such date. Buyer shall notify Buyer in writing when Seller believes that it has provided the required documentation to Buyer and met the conditions for achieving COD.</p>
Guaranteed Construction Start Date:	<p>The “Guaranteed Construction Start Date” means the following date [], subject to extensions on a day-for-day basis due to Force Majeure or delays caused by transmission provider (e.g., the CAISO) or transmission owner (e.g., PG&E) that are outside of the reasonable control of Seller. Such day-for-day extensions, including for Force Majeure, shall be no longer than one-hundred twenty (120) days on a cumulative basis. For clarity, these permitted extensions (the “Development Cure Period”) extend both the Guaranteed Construction Start Date and the Guaranteed COD simultaneously.</p> <p>Notwithstanding anything to the contrary, no extension shall be given if (i) the delay was the result of Seller’s failure to take all commercially reasonable actions to meet its requirements and deadlines, (ii) Seller failed to provide</p>

	<p>requested documentation as provided below, or (iii) Seller failed to provide written notice to Buyer as required for a Force Majeure Event, if applicable, or as required in the next sentence. Seller shall provide prompt written notice to Buyer of a delay, but in no case more than thirty (30) days after Seller became aware of such delay, except that in the case of a delay occurring within sixty (60) days of the Guaranteed Commercial Operation Date, or after such date, Seller must provide written notice within five (5) Business Days of Seller becoming aware of such delay. Upon request from Buyer, Seller shall provide documentation demonstrating to Buyer's reasonable satisfaction that the delays described above did not result from Seller's actions or failure to take commercially reasonable actions.</p> <p>In the event that Seller fails to achieve the Guaranteed Construction Start Date, Seller shall pay delay damages to Buyer, (the "<u>Construction Delay Damages</u>") for each day of delay, in the amount of the Development Security divided by 120. The Construction Delay Damages shall be refundable to Seller if, and only if, Seller achieves COD on or before the Guaranteed COD.</p> <p>Failure to achieve Construction Start within 180 days of the Guaranteed Construction Start Date shall constitute an Event of Default, and Buyer shall have the right, in its sole discretion, to terminate the PPA and retain the Development Security.</p>
Guaranteed Commercial Operation Date (Guaranteed COD):	<p>"<u>Guaranteed Commercial Operation Date</u>" or "<u>Guaranteed COD</u>" means the following date [], subject to extensions on a day-for-day basis under the Development Cure Period.</p> <p>Extensions of the Guaranteed COD for events of Force Majeure and interconnection delays shall not exceed one hundred and twenty (120) days after the Guaranteed COD.</p> <p>If the Seller does not achieve Commercial Operation by the Guaranteed COD, Seller shall pay delay damages to Buyer ("<u>COD Delay Damages</u>") for each day of delay, in the amount of the Development Security divided by 60, until Seller achieves COD.</p> <p>Failure to achieve COD within 60 days of the Guaranteed COD shall constitute an Event of Default, and Buyer shall have the right, in its sole discretion, to terminate the PPA and retain the Development Security.</p>
Environmental Attributes:	<p>Buyer shall be entitled to renewable energy credits ("<u>RECs</u>") and any other environmental attributes associated with Generating Facility Energy. Seller shall transfer RECs associated with the generation from the Facility for each month via WREGIS pursuant to the timelines in the WREGIS Operating Rules.</p> <p>Each party shall be responsible for setting up an account with WREGIS.</p>
Seller Performance Assurance:	<p>Seller shall post security as follows:</p> <p>Development Security – \$75/kW of the Guaranteed Capacity and \$90/kW of the Storage Contract Capacity</p>

	<p>Performance Security – \$75/kW of the Guaranteed Capacity and \$90/kW of the Storage Contract Capacity</p> <p>Seller shall deliver the Development Security to Buyer within thirty (30) days of the Effective Date. Development Security shall be in the form of cash or a Letter of Credit.</p> <p>Seller shall deliver Performance Security to Buyer on or before the Commercial Operation Date.</p> <p>Within five (5) Business Days following any draw by Buyer on the Performance Security, Seller shall replenish the amount drawn such that the security is restored to the applicable amount.</p>
Expected Energy:	<p>“Expected Energy” means [XXX,XXX] MWh during the first Contract Year and for each Contract Year thereafter during the Delivery Term.</p>
Guaranteed Energy Production:	<p>Seller shall deliver to Buyer no less than the Guaranteed Energy Production in each Performance Measurement Period.</p> <p>The “Guaranteed Energy Production” means an amount of Energy, as measured in MWh, equal to the total Expected Energy for the applicable Performance Measurement Period multiplied by the applicable percentage, based on technology type:</p> <ul style="list-style-type: none"> • Solar: 85% • Wind: 75% • Geothermal: 90% • Small Hydro: 85% <p>The “Performance Measurement Period” shall be each two (2) consecutive Contract Year period during the Delivery Term, except for geothermal, which shall be each Contract Year, all calculated on a rolling basis. The Performance Measurement Period shall begin on the first 12-month Contract Year, and if the last Contract Year is less than 12 months, Guaranteed Energy Production shall be determined on a pro-rated basis.</p> <p>For purposes of determining whether Seller has achieved the Guaranteed Energy Production, Seller shall be deemed to have delivered to Buyer (i) any Deemed Delivered Energy and (ii) Energy in the amount it could reasonably have delivered to Buyer but was prevented from delivering to Buyer by reason of Force Majeure Events, System Emergency and Curtailment Periods (the “Adjusted Energy Production”).</p> <p>If Seller fails to achieve the Guaranteed Energy Production amount in any Performance Measurement Period, Seller shall pay Buyer liquidated damages equal to (a) the difference of the Guaranteed Energy Production less the Adjusted Energy Production, multiplied by (b) the replacement price for the energy and RECs, as reasonably determined by Buyer, less the Generating Facility Contract Price, as reasonably determined by Buyer. No payment shall be due if the calculation yields a negative number.</p>

Storage Facility Performance and Monthly Payment:	<p>The following performance guarantees will be applied to Storage Facilities:</p> <ul style="list-style-type: none"> • The “<u>Guaranteed Storage Availability</u>” shall be 98%. The Storage Facility will be deemed to have performed during Excused Hours. • The Guaranteed Efficiency Rate (as defined below). • The “<u>Minimum Efficiency Rate</u>” shall be 70%. <p>The Storage Product shall be paid on a monthly basis at the Storage Facility Contract Price <i>multiplied</i> by the current Storage Contract Capacity, as adjusted for the Storage Capacity Test (as set forth in the PPA), <i>multiplied</i> by the monthly Availability Adjustment, and <i>multiplied</i> by 0, in the event that the Efficiency Rate is less than the Minimum Efficiency Rate. Such payment constitutes the entirety of the amount due to Seller from Buyer for the Storage Product.</p>
Guaranteed Efficiency Rate:	<p>The “<u>Guaranteed Efficiency Rate</u>” shall be []% with an annual degradation rate of []%.</p> <p>If during any month during the Delivery Term, the Efficiency Rate for such month is less than the Guaranteed Efficiency Rate, Seller shall owe liquidated damages to Buyer, which damages shall be calculated by multiplying (i) the total Charging Energy for such month by (ii) the percentage amount by which the Efficiency Rate is less than the Guaranteed Efficiency Rate, by (iii) Buyer’s weighted-average cost on a per/MWh basis, for Charging Energy for such month.</p>
Availability Adjustment:	<p>The “<u>Availability Adjustment</u>” or “<u>AA</u>” is calculated as follows:</p> <p>(i) If the monthly storage availability is greater than or equal to the Guaranteed Storage Availability, then:</p> $AA = 100\%$ <p>(ii) If the monthly storage availability is less than the Guaranteed Storage Availability, but greater than or equal to 70%, then:</p> $AA = 100\% - [(98\% - \text{monthly storage availability}) \times 2]$ <p>(iii) If the monthly storage availability is less than 70%, then:</p> $AA = 0$
RA Failure:	<p>For each RA Shortfall Month occurring after the RA Guarantee Date, Seller shall pay to Buyers an amount (the “<u>RA Deficiency Amount</u>”) equal to the product of (i) the difference, expressed in kW, of (A) the Qualifying Capacity for such month, minus (B) the Net Qualifying Capacity of the Facility for such month able to be shown on Buyer’s monthly or annual Resource Adequacy Plan (as defined in the CAISO Tariff) to the CAISO and CPUC and counted as Resource Adequacy Capacity (as defined in the CAISO Tariff) (the “<u>RA Shortfall</u>”), multiplied by (ii) [the lesser of (A) \$[XX.XX] per kW-month, and (B) the sum of (1) the CPUC System RA Penalty and (2) the CPM Soft Offer Cap as listed in Section 43A.4.1.1 of the CAISO Tariff (or its successor)]; provided that Seller may, as an alternative to paying RA Deficiency Amounts, provide Replacement RA in amounts up to the RA</p>

	<p>Shortfall, provided that any Replacement RA capacity is communicated by Seller to Buyers with Replacement RA product information in a written notice to Buyers at least twenty (20) Business Days before the deadline (as established by CAISO or any other Governmental Authority) that a load serving entity must meet to submit its resource adequacy plan for the applicable CPUC operating month for the purpose of monthly RA reporting, and further provided that such Replacement RA capacity shall be required to comply with the requirements of D.21-06-035, and in addition, meet the same sub-category attributes if contracted for one of the sub-categories of D.21-06-035, only to the extent required for the Product purchased hereunder to be applied towards Buyer's compliance with its procurement obligations under D.21-06-035 as confirmed through a decision, resolution, publicly issued guidance document, letter from the CPUC Executive Director, or other communication of approval or confirmation mutually agreed to by the Parties.</p>
Operations & Maintenance:	<p>Seller shall develop written operating procedures for each Facility before the applicable initial delivery date which shall set forth the protocol under which the Parties shall perform their respective obligations under the PPA. During the Term, each Facility shall be operated and maintained by Seller or its designee in accordance with those practices, methods, and acts that are commonly used by a significant portion of the electric generation industry.</p> <p>During the four-month period of June-September, Seller shall not schedule any non-emergency maintenance that reduces the energy generation capability of the Facility(s), unless (i) such outage is required to avoid an emergency or damage to the Facility or its Interconnection Facilities, (ii) such maintenance is necessary to maintain equipment warranties or is otherwise required by the equipment manufacturer and cannot be scheduled outside the months of June-September, (iii) such outage is in connection with Force Majeure events, (iv) such outage is required by law, or the requirements of CAISO or the interconnecting utility and/or each other applicable Governmental Authority, or (v) the Parties agree otherwise in writing. The Planned Outages in any Contract Year shall not exceed [XX] hours.</p>
Invoicing:	<p>Seller shall provide statement of amounts due within fifteen (15) days after the end of each Settlement Period.</p> <p>Payment for undisputed amounts shall be due to the applicable party thirty (30) days from the invoice date, with disputed payments subject to the Dispute Resolution process described below.</p>
Costs:	<p>Any charges of the CAISO and other third party costs and charges (including the cost of registering the RECs and other attributes) shall be the responsibility of Seller, except as addressed above in the sections regarding "Renewable Energy Credits," "Buyer's Environmental Attributes," and "Additional Products," and subject to Change in Law.</p>
Additional Products:	<p>The Parties acknowledge and agree during the Delivery Term, new or incremental opportunities may arise for the sale or transfer of additional products from the Facility that are not currently known to or contemplated by the Buyer or Seller, including reactive power, and additional ancillary services (collectively, "<i>Additional Products</i>"). In such event, Buyer shall</p>

	<p>bear all costs associated with the transfer, qualification, verification, registration and ongoing compliance for such Additional Products, but there shall be no increase in the Contract Price. Upon Seller's receipt of Notice from Buyer of Buyer's intent to claim such Additional Products, the Parties shall determine the necessary actions and additional costs associated with such Additional Products. Seller shall have no obligation to alter the Facility or change the Operating Restrictions unless the Parties have agreed on all necessary terms and conditions relating to such alteration and Buyer has agreed to reimburse Seller for all costs, losses, and liabilities associated with such alteration. The Parties agree to negotiate in good faith with respect to the development of further agreements and documentation necessary to effectuate the transfer of such Additional Products, including agreement with respect to (i) appropriate transfer, delivery and risk of loss mechanisms, and (ii) appropriate allocation of any additional costs to Buyer, as set forth above; <i>provided</i>, that the Parties acknowledge and agree that such terms are not intended to alter the other material terms of the PPA, require Seller to make material modifications to the Facility or material upgrades or other material modifications to any interconnection or transmission facilities (other than those for which Buyer has agreed to fund), require Seller to reduce the generation of Facility Energy and delivery thereof to the interconnection point (or restrict Seller's flexibility in offering, bidding, planning and scheduling such energy), or interfere with qualification, offering, bidding, planning, scheduling or other disposition of Environmental Attributes.</p> <p>If the CPUC adopts a Slice of Day reform, or another similar type of reform that results in a change in the RA capacity product, these additional attributes will not be considered Additional Products.</p>
Facility Development Milestones:	<ul style="list-style-type: none"> • [mm/dd/yyyy] – Demonstrate site control • [mm/dd/yyyy] – Execute Interconnection Agreement • [mm/dd/yyyy] – Procure major equipment • [mm/dd/yyyy] – Obtain federal and state discretionary permits • [mm/dd/yyyy] – Guaranteed Construction Start Date • [mm/dd/yyyy] – Obtain Full Capacity Deliverability Status • [mm/dd/yyyy] – Guaranteed Commercial Operation Date
Compliance Expenditure Cap:	<p>If a change in law occurring after the Effective Date has increased Seller's known or reasonably expected costs and expenses to comply with Seller's obligations under the PPA with respect to obtaining, maintaining, conveying or effectuating Buyer's use of Environmental Attributes or Capacity Attributes (any action required to be taken by Seller to comply with such change in law, a "<u>Compliance Action</u>") then the Parties agree that the maximum aggregate amount of costs and expenses Seller shall be required to bear during the Delivery Term to comply with all such Compliance Actions shall be capped at twenty-five thousand dollars (\$25,000) per MW of Guaranteed Capacity and/or, if applicable, Storage Contract Capacity, in the</p>

	aggregate over the term of the PPA. If Buyer agrees to fund such Compliance Actions in excess of the foregoing limits, Seller shall take such actions.
Change in Tax Law:	<p>In the event that as a result of a Change in Tax Law, Seller or the Facility becomes eligible for or entitled to any new Tax Benefits or changes to or extensions of existing Tax Benefits, Seller and Buyer shall share such additional Tax Benefit Amount on a 50%/50% basis by making an adjustment to the Contract Price for the remainder of the Delivery Term.</p> <p><u>“Change in Tax Law”</u> means (a) (i) any change in or amendment to the Code or another applicable federal income tax statute; (ii) any change in, or issuance of, or promulgation of any temporary or final regulations by the U.S. Department of the Treasury that would result in any change to the interpretation of the Tax Code or existing temporary or final regulations promulgated by the U.S. Department of the Treasury; (iii) any IRS guidance published in the Internal Revenue Bulletin and/or Cumulative Bulletin, notice, announcement, revenue ruling, revenue procedure, technical advice memorandum, examination directive or similar authority issued by the IRS Large Business and International division, or any published advice, advisory, or legal memorandum issued by IRS Chief Counsel, that applies, advances or articulates a new or different interpretation or analysis of any provision of the Code, any other applicable federal tax statute or any temporary or final Treasury Regulation promulgated thereunder; or (iv) any change in the interpretation of any of the authorities described in clauses (a)(i) through (iii) by a decision of the U.S. Tax Court, the U.S. Court of Federal Claims, a U.S. District Court, a U.S. Court of Appeals or the U.S. Supreme Court, that applies, advances or articulates a new or different interpretation or analysis of federal income tax law, and (b) in the case of (a)(i) through (iv), such change or new or different interpretation, as applicable, occurs between the Execution Date and before the end of the Congress in session when the Commercial Operation Date occurs.</p> <p><u>“Tax Benefits”</u> means any state, local and/or federal tax benefit or incentive, including energy credits determined under Section 45 or 48 of the Internal Revenue Code of 1986, as amended, investment tax credits, production tax credits, depreciation, amortization, deduction, expense, exemption, preferential rate, and/or other tax benefit or incentive associated with the production of renewable energy and/or the operation of, construction, investments in or ownership of the Facility (including any cash payment or grant).</p>
Force Majeure Event:	<p><u>“Force Majeure Event”</u> means any act or event that delays or prevents a Party from timely performing all or a portion of its obligations under this Agreement or from complying with all or a portion of the conditions under this Agreement if such act or event, despite the exercise of reasonable efforts, cannot be avoided by and is beyond the reasonable control (whether direct or indirect) of and without the fault or negligence of the Party relying thereon as justification for such delay, nonperformance, or noncompliance.</p> <p>Notwithstanding the foregoing, the term “Force Majeure Event” does not include (i) economic conditions that render a Party’s performance of this Agreement at the Contract Price unprofitable or otherwise uneconomic</p>

	<p>(including Buyer's ability to buy the Product at a lower price, or Seller's ability to sell Product at a higher price, than the Contract Price; (ii) Seller's inability to obtain permits or approvals of any type for the construction, operation, or maintenance of the Generating Facility or the Storage Facility; (iii) the inability of a Party to make payments when due under this Agreement, unless the cause of such inability is an event that would otherwise constitute a Force Majeure Event as described above that disables physical or electronic facilities necessary to transfer funds to the payee Party; (iv) a Curtailment Period, except to the extent such Curtailment Period is caused by a Force Majeure Event; (v) Seller's inability to obtain sufficient labor, equipment, materials, or other resources to build or operate the Generating Facility or the Storage Facility except to the extent such inability is caused by a Force Majeure Event; (vi) a strike, work stoppage or labor dispute limited only to any one or more of Seller, Seller's Affiliates, Seller's contractors, their subcontractors thereof or any other third party employed by Seller to work on the Generating Facility or the Storage Facility; (vii) any equipment failure except if such equipment failure is caused by a Force Majeure Event; or (viii) events otherwise constituting a Force Majeure Event that prevent Seller from achieving Construction Start or Commercial Operation of the Generating Facility or the Storage Facility, except to the extent expressly permitted as an extension pursuant to the Development Cure Period under the PPA.</p> <p>Within two (2) Business Days of commencement of a Force Majeure Event, the non-performing Party shall provide the other Party with oral notice of the event of Force Majeure, and within two (2) weeks of the commencement of the Force Majeure Event the non-performing Party shall provide the other Party with Notice in the form of a letter describing in detail the particulars of the occurrence giving rise to the Force Majeure claim. Failure to provide timely Notice as described in the preceding sentence constitutes a waiver of a Force Majeure claim as to all periods prior to the delivery of a timely Notice. The suspension of performance due to a claim of Force Majeure must be of no greater scope and of no longer duration than is required by the Force Majeure.</p>
Dispute Resolution:	<p>In the event of any claim, controversy or dispute between the Parties arising out of or relating to or in connection with this Agreement any Party may deliver to the other Parties notice of the Dispute with a detailed description of the underlying circumstances of such Dispute (a "<u>Dispute Notice</u>"). The senior officers of the Parties shall meet and confer as often as they deem reasonably necessary during the thirty (30) day period following receipt of the Dispute Notice in good faith negotiations to resolve the Dispute to the satisfaction of each Party. In the event a Dispute is not resolved by the expiration of the thirty (30) day period, then a Party may pursue any legal remedy available to it in accordance with the PPA.</p>
Applicable Law:	California
No Recourse to Members of Buyer:	<p>Buyer is organized as a Joint Powers Authorities in accordance with the Joint Exercise of Powers Act of the State of California (Government Code Section 6500, et seq.) pursuant to its Joint Powers Agreement and is a public entity</p>

	separate from its constituent members. Buyer shall solely be responsible for all debts, obligations and liabilities accruing and arising out of this Agreement. Seller shall have no rights and shall not make any claims, take any actions or assert any remedies against any of Buyer's constituent members in connection with the PPA.
Assignment:	Except with respect to collateral assignment to support a financing by Seller of the Facility and assignment to an affiliate, prior written consent of the non-assigning party shall be required for assignment of any interest in the PPA, including a change of control.
Events of Default:	Events of Default shall include, but not be limited to, failure to pay any amounts when due, breach of representations and warranties, failure to perform covenants and material obligations in the PPA, bankruptcy, and assignment other than as permitted by the PPA. In addition, it shall be a Seller Event of Default if Construction Start is not achieved within 180 days after the Guaranteed Construction Start Date or COD is not achieved within 60 days after the Guaranteed COD.

2. Additional Term Sheet Provisions.

No Obligation to Enter Into Proposed Transaction. This Term Sheet is intended to provide an overview of the Proposed Transaction and is not intended to constitute a binding contract or an offer to enter into a PPA with respect to the Proposed Transaction and does not obligate any Party to enter into the Proposed Transaction or execute any agreement, including the PPA, in connection with the Proposed Transaction. Neither Buyer nor Seller will be deemed to have agreed to the RA Agreement and will not be bound by any term thereof, unless and until authorized representatives of both Buyer and Seller execute final definitive documents, enforceable in accordance with their terms.

Other Agreements. In connection with this Term Sheet, Respondent shall execute that certain Exclusive Negotiating Agreement ("**Exclusivity Agreement**") with Buyer(s) and provide a Shortlist Deposit (as defined in such agreement) of \$3.00/kW to Buyer(s) within three (3) Business Days after execution of the Exclusivity Agreement. The Shortlist Deposit will be returned in accordance with, and subject to, the terms of the Exclusivity Agreement.

Expenses. Each Party will pay its own costs and expenses (whether internal or out-of-pocket, and whether for legal, financial, technical or other consultants, or other purposes) in connection with the Term Sheet and any definitive agreements.

Termination. This Term Sheet will terminate upon the earlier of (a) execution of the PPA or (b) expiration of the Exclusivity Deadline (as defined in the Exclusivity Agreement), as such Exclusivity Deadline may be extended pursuant to the Exclusivity Agreement.

Governing Law. This Term Sheet is governed by, and construed in accordance with, the laws of the State of California.

Counterparts and Electronic Signatures. This Term Sheet may be executed electronically and in counterparts, each of which will be enforceable against the Parties actually executing such counterparts, and all of which together will constitute one instrument. The Parties may rely on electronic or scanned signatures as originals. Delivery of an executed signature page of this Term Sheet by electronic transmission

(including email transmission of a PDF image) shall be the same as delivery of an original executed signature page.

Prior Agreements. This Term Sheet supersedes all prior communications and agreements, oral or written, between the Parties regarding the subject matter herein contemplated.

Assignment. This Term Sheet will be binding upon and inure to the benefit of the Parties and their respective successors and permitted assigns. No Party will assign, pledge or otherwise transfer this Term Sheet or any right or obligation under this Term Sheet without first obtaining the other Parties' prior written consent.

No Consequential Damages. IN NO EVENT SHALL ANY PARTY, ITS AFFILIATES AND/OR REPRESENTATIVES BE LIABLE FOR ANY LOST OR PROSPECTIVE PROFITS OR ANY OTHER CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE, INDIRECT OR EXEMPLARY DAMAGES UNDER OR IN RESPECT TO THIS TERM SHEET.

IN WITNESS WHEREOF, the Parties have signed this Term Sheet effective as of the Effective Date.

**California Choice Energy Authority, a
California joint powers authority**

[RESPONDENT]

By: _____

By: _____

Printed Name: _____

Printed Name: _____

Title: _____

Title: _____

**Clean Energy Authority, a California joint
powers authority**

By: _____

Printed Name: _____

Title: _____

**Desert Community Energy, a California joint
powers authority**

By: _____

Printed Name: _____

Title: _____

**TERM SHEET
FOR
RESOURCE ADEQUACY ONLY**

THIS TERM SHEET FOR RESOURCE ADEQUACY (“**Term Sheet**”) is entered into as of [], 2022 (the “**Effective Date**”), between and among California Choice Energy Authority, a California joint powers authority (“**CalChoice**”), Clean Energy Authority, a California joint powers authority (“**CEA**”); Desert Community Energy, a California joint powers authority (“**DCE**”) and [Respondent] (“**Respondent**”). This Term Sheet is intended to set forth the key commercial terms and conditions to be included in a proposed agreement for the purchase and sale of resource adequacy (“**RA Agreement**”) to be negotiated between one or more of CalChoice, CEA and/or DCE, as applicable (“**Buyer**”) and [e.g., Project Company LLC] (“**Seller**”) (the “**Proposed Transaction**”). As used herein, Buyer and Seller are each a “**Party**” and collectively the “**Parties**.” Notwithstanding anything herein to the contrary, until a definitive agreement is fully negotiated and all applicable approvals have been received for each Party, no Party shall have any legal obligations, expressed or implied, or arising in any other manner under this Term Sheet to continue negotiations or enter into the Proposed Transaction or the RA Agreement.

1. Terms and Conditions.

Facility Name:	
Location:	[] County, in the State of []
CAISO Resource ID, if known:	
Unit SCID, if known:	
Unit NQC:	[] MW
Unit EFC:	[] MW
Resource Type:	<input type="checkbox"/> A [] MW nameplate [renewable energy generation] project. <input type="checkbox"/> A [] MW/[] MWh (at [] hour discharge) nameplate energy storage facility. <input type="checkbox"/> A [] MW nameplate [renewable energy generation] project, and a [co-located][hybrid] [] MW/[] MWh (at [] hour discharge) energy storage facility <input type="checkbox"/> A [] MW nameplate aggregated demand response project
Resource Adequacy Capacity:	[] MW [if applicable]
Demand Response Capacity:	[] MW [if applicable]
Resource Category (1, 2, 3 or 4):	

FCR Category (1, 2 or 3):	
Local Capacity Area (if any):	
Deliverability restrictions, if any, as described in most recent CAISO deliverability assessment:	
RA Product and Attributes:	RAR and LAR Attributes <input type="checkbox"/> RAR Attributes <input type="checkbox"/> RAR Attributes with FCR Attributes <input type="checkbox"/> LAR Attributes <input type="checkbox"/> LAR Attributes with FCR Attributes <input type="checkbox"/> FCR Attributes
Price:	\$[] per kW-month of NQC for each Showing Month of the Delivery Term
Delivery Term:	[] Contract Years.
Interconnection Point:	The Facility shall interconnect to [e.g., XX substation] (the “ Interconnection Point ”). Seller shall be responsible for all costs of interconnecting the Facility to the Interconnection Point.
Commercial Operation Date (“COD”):	<p>The COD shall be the date when all of the following requirements have been met to Buyer’s reasonable satisfaction, including Seller providing a certificate from an independent engineer to Buyer with respect to subparts (i), (ii), (iii), and (iv) (such certificate, the “COD Certificate”):</p> <ul style="list-style-type: none"> (i) Facility has met all Interconnection Agreement requirements and is capable of delivering energy from the Facility to the CAISO Grid; (ii) Commissioning of equipment has been completed in accordance with the manufacturer’s specification; (iii) Ninety-five percent (95%) of Facility nameplate capacity, has been installed and commissioned; (iv) All applicable permits and government approvals required for the operation of the Facility have been obtained; (v) Seller has delivered the Performance Security to Buyer; and (vi) Seller has paid Buyer for all amounts owing under the RA Agreement.

	<p>Seller shall provide notice of expected COD to Buyer in writing no less than sixty (60) days in advance of such date. Buyer shall notify Buyer in writing when Seller believes that it has provided the required documentation to Buyer and met the conditions for achieving COD.</p>
<p>Guaranteed Construction Start Date:</p>	<p>The “<u>Guaranteed Construction Start Date</u>” means the following date [], subject to extensions on a day-for-day basis due to Force Majeure or delays caused by transmission provider (e.g., the CAISO) or transmission owner (e.g., PG&E) that are outside of the reasonable control of Seller. Such day-for-day extensions, including for Force Majeure, shall be no longer than one-hundred twenty (120) days on a cumulative basis. For clarity, these permitted extensions (the “<u>Development Cure Period</u>”) extend both the Guaranteed Construction Start Date and the Guaranteed COD simultaneously.</p> <p>Notwithstanding anything to the contrary, no extension shall be given if (i) the delay was the result of Seller’s failure to take all commercially reasonable actions to meet its requirements and deadlines, (ii) Seller failed to provide requested documentation as provided below, or (iii) Seller failed to provide written notice to Buyer as required for a Force Majeure Event, if applicable, or as required in the next sentence. Seller shall provide prompt written notice to Buyer of a delay, but in no case more than thirty (30) days after Seller became aware of such delay, except that in the case of a delay occurring within sixty (60) days of the Guaranteed Commercial Operation Date, or after such date, Seller must provide written notice within five (5) Business Days of Seller becoming aware of such delay. Upon request from Buyer, Seller shall provide documentation demonstrating to Buyer’s reasonable satisfaction that the delays described above did not result from Seller’s actions or failure to take commercially reasonable actions.</p> <p>In the event that Seller fails to achieve the Guaranteed Construction Start Date, Seller shall pay delay damages to Buyer, (the “<u>Construction Delay Damages</u>”) for each day of delay, in the amount of the Development Security divided by 120. The Construction Delay Damages shall be refundable to Seller if, and only if, Seller achieves COD on or before the Guaranteed COD.</p> <p>Failure to achieve Construction Start within 180 days of the Guaranteed Construction Start Date shall constitute an Event of Default, and Buyer shall have the right, in its sole discretion, to terminate the RA Agreement and retain the Development Security.</p>
<p>Guaranteed Commercial Operation Date (Guaranteed COD):</p>	<p>“<u>Guaranteed Commercial Operation Date</u>” or “<u>Guaranteed COD</u>” means the following date [], subject to extensions on a day-for-day basis under the Development Cure Period.</p> <p>Extensions of the Guaranteed COD for events of Force Majeure and interconnection delays shall not exceed one hundred and twenty (120) days after the Guaranteed COD.</p> <p>If the Seller does not achieve Commercial Operation by the Guaranteed COD, Seller shall pay delay damages to Buyer (“<u>COD Delay Damages</u>”) for each day of delay, in the amount of the Development Security divided</p>

	<p>by 60, until Seller achieves COD.</p> <p>Failure to achieve COD within 60 days of the Guaranteed COD shall constitute an Event of Default, and Buyer shall have the right, in its sole discretion, to terminate the RA Agreement and retain the Development Security.</p>
Energy and Environmental Attributes:	<p>As a Resource Adequacy only contract, Buyer will not be entitled to energy, or any environmental attributes associated with the Facility.</p> <p>Seller will retain all energy and ancillary service dispatch rights and receive or incur all market revenues and costs associated with such energy and ancillary services.</p>
Seller Performance Assurance:	<p>Seller shall post security as follows:</p> <p>Development Security – \$60/kW of the Resource Adequacy Capacity for generation and storage facilities, and \$40/kW of the Demand Response Capacity</p> <p>Performance Security – \$40/kW of the Resource Adequacy Capacity and \$40/kW of the Demand Response Capacity</p> <p>Seller shall deliver the Development Security to Buyer within thirty (30) days of the Effective Date. Development Security shall be in the form of cash or a Letter of Credit.</p> <p>Seller shall deliver Performance Security to Buyer on or before the Commercial Operation Date.</p> <p>Within five (5) Business Days following any draw by Buyer on the Performance Security, Seller shall replenish the amount drawn such that the security is restored to the applicable amount.</p>
RA Failure:	<p>For each RA Shortfall Month occurring after the RA Guarantee Date, Seller shall pay to Buyers an amount (the “RA Deficiency Amount”) equal to the product of (i) the difference, expressed in kW, of (A) the Qualifying Capacity for such month, minus (B) the Net Qualifying Capacity of the Facility for such month able to be shown on Buyer’s monthly or annual Resource Adequacy Plan (as defined in the CAISO Tariff) to the CAISO and CPUC and counted as Resource Adequacy Capacity (as defined in the CAISO Tariff) (the “RA Shortfall”), multiplied by (ii) [the lesser of (A) \$[XX.XX] per kW-month, and (B) the sum of (1) the CPUC System RA Penalty and (2) the CPM Soft Offer Cap as listed in Section 43A.4.1.1 of the CAISO Tariff (or its successor)]; provided that Seller may, as an alternative to paying RA Deficiency Amounts, provide Replacement RA in amounts up to the RA Shortfall, provided that any Replacement RA capacity is communicated by Seller to Buyers with Replacement RA product information in a written notice to Buyers at least twenty (20) Business Days before the deadline (as established by CAISO or any other Governmental Authority) that a load serving entity must meet to submit its resource adequacy plan for the applicable CPUC operating month for the purpose of monthly RA reporting, and further provided that such Replacement RA capacity shall be required to comply with the requirements of D.21-06-035,</p>

	and in addition, meet the same sub-category attributes if contracted for one of the sub-categories of D.21-06-035, only to the extent required for the Product purchased hereunder to be applied towards Buyer's compliance with its procurement obligations under D.21-06-035 as confirmed through a decision, resolution, publicly issued guidance document, letter from the CPUC Executive Director, or other communication of approval or confirmation mutually agreed to by the Parties.
Invoicing:	<p>Seller shall provide statement of amounts due within fifteen (15) days after the end of each Settlement Period.</p> <p>Payment for undisputed amounts shall be due to the applicable party thirty (30) days from the invoice date, with disputed payments subject to the Dispute Resolution process described below.</p>
Costs:	Any charges of the CAISO and other third-party costs and charges shall be the responsibility of Seller, and subject to Change in Law.
Facility Development Milestones:	<ul style="list-style-type: none"> • [mm/dd/yyyy]– Demonstrate site control • [mm/dd/yyyy]– Execute Interconnection Agreement • [mm/dd/yyyy] – Procure major equipment • [mm/dd/yyyy] – Obtain federal and state discretionary permits • [mm/dd/yyyy] – Guaranteed Construction Start Date • [mm/dd/yyyy] – Obtain Full Capacity Deliverability Status • [mm/dd/yyyy]– Guaranteed Commercial Operation Date
Compliance Expenditure Cap:	<p>If a change in law occurring after the Effective Date has increased Seller's known or reasonably expected costs and expenses to comply with Seller's obligations under the RA Agreement with respect to obtaining, maintaining, conveying or effectuating Buyer's use of Resource Adequacy (any action required to be taken by Seller to comply with such change in law, a "<u>Compliance Action</u>") then the Parties agree that the maximum aggregate amount of costs and expenses Seller shall be required to bear during the Delivery Term to comply with all such Compliance Actions shall be capped at twenty-five thousand dollars (\$25,000) per MW of Resource Adequacy Capacity and/or, if applicable, Demand Response Capacity, in the aggregate over the term of the RA Agreement. If Buyer agrees to fund such Compliance Actions in excess of the foregoing limits, Seller shall take such actions.</p>
Change in Tax Law:	<p>In the event that as a result of a Change in Tax Law, Seller or the Facility becomes eligible for or entitled to any new Tax Benefits or changes to or extensions of existing Tax Benefits, Seller and Buyer shall share such additional Tax Benefit Amount on a 50%/50% basis by making an adjustment to the Contract Price for the remainder of the Delivery Term.</p> <p><u>"Change in Tax Law"</u> means (a) (i) any change in or amendment to the Code or another applicable federal income tax statute; (ii) any change in, or</p>

	<p>issuance of, or promulgation of any temporary or final regulations by the U.S. Department of the Treasury that would result in any change to the interpretation of the Tax Code or existing temporary or final regulations promulgated by the U.S. Department of the Treasury; (iii) any IRS guidance published in the Internal Revenue Bulletin and/or Cumulative Bulletin, notice, announcement, revenue ruling, revenue procedure, technical advice memorandum, examination directive or similar authority issued by the IRS Large Business and International division, or any published advice, advisory, or legal memorandum issued by IRS Chief Counsel, that applies, advances or articulates a new or different interpretation or analysis of any provision of the Code, any other applicable federal tax statute or any temporary or final Treasury Regulation promulgated thereunder; or (iv) any change in the interpretation of any of the authorities described in clauses (a)(i) through (iii) by a decision of the U.S. Tax Court, the U.S. Court of Federal Claims, a U.S. District Court, a U.S. Court of Appeals or the U.S. Supreme Court, that applies, advances or articulates a new or different interpretation or analysis of federal income tax law, and (b) in the case of (a)(i) through (iv), such change or new or different interpretation, as applicable, occurs between the Execution Date and before the end of the Congress in session when the Commercial Operation Date occurs.</p> <p>“Tax Benefits” means any state, local and/or federal tax benefit or incentive, including energy credits determined under Section 45 or 48 of the Internal Revenue Code of 1986, as amended, investment tax credits, production tax credits, depreciation, amortization, deduction, expense, exemption, preferential rate, and/or other tax benefit or incentive associated with the operation of, construction, investments in or ownership of the Facility (including any cash payment or grant).</p>
Force Majeure Event:	<p>“Force Majeure Event” means any act or event that delays or prevents a Party from timely performing all or a portion of its obligations under this Agreement or from complying with all or a portion of the conditions under this Agreement if such act or event, despite the exercise of reasonable efforts, cannot be avoided by and is beyond the reasonable control (whether direct or indirect) of and without the fault or negligence of the Party relying thereon as justification for such delay, nonperformance, or noncompliance.</p> <p>Notwithstanding the foregoing, the term “Force Majeure Event” does not include (i) economic conditions that render a Party’s performance of the RA Agreement at the Contract Price unprofitable or otherwise uneconomic (including Buyer’s ability to buy the Product at a lower price, or Seller’s ability to sell Product at a higher price, than the Contract Price; (ii) Seller’s inability to obtain permits or approvals of any type for the construction, operation, or maintenance of the Generating Facility or the Storage Facility; (iii) the inability of a Party to make payments when due under this Agreement, unless the cause of such inability is an event that would otherwise constitute a Force Majeure Event as described above that disables physical or electronic facilities necessary to transfer funds to the payee Party; (iv) a Curtailment Period, except to the extent such Curtailment Period is caused by a Force Majeure Event; (v) Seller’s inability to obtain sufficient labor, equipment, materials, or other resources to build or operate the Generating Facility or the Storage Facility except to the extent such</p>

	<p>inability is caused by a Force Majeure Event; (vi) a strike, work stoppage or labor dispute limited only to any one or more of Seller, Seller's Affiliates, Seller's contractors, their subcontractors thereof or any other third party employed by Seller to work on the Generating Facility or the Storage Facility; (vii) any equipment failure except if such equipment failure is caused by a Force Majeure Event; or (viii) events otherwise constituting a Force Majeure Event that prevent Seller from achieving Construction Start or Commercial Operation of the Generating Facility or the Storage Facility, except to the extent expressly permitted as an extension pursuant to the Development Cure Period under the RA Agreement.</p> <p>Within two (2) Business Days of commencement of a Force Majeure Event, the non-performing Party shall provide the other Party with oral notice of the event of Force Majeure, and within two (2) weeks of the commencement of the Force Majeure Event the non-performing Party shall provide the other Party with Notice in the form of a letter describing in detail the particulars of the occurrence giving rise to the Force Majeure claim. Failure to provide timely Notice as described in the preceding sentence constitutes a waiver of a Force Majeure claim as to all periods prior to the delivery of a timely Notice. The suspension of performance due to a claim of Force Majeure must be of no greater scope and of no longer duration than is required by the Force Majeure.</p>
Dispute Resolution:	<p>In the event of any claim, controversy or dispute between the Parties arising out of or relating to or in connection with this Agreement any Party may deliver to the other Parties notice of the Dispute with a detailed description of the underlying circumstances of such Dispute (a "<u>Dispute Notice</u>"). The senior officers of the Parties shall meet and confer as often as they deem reasonably necessary during the thirty (30) day period following receipt of the Dispute Notice in good faith negotiations to resolve the Dispute to the satisfaction of each Party. In the event a Dispute is not resolved by the expiration of the thirty (30) day period, then a Party may pursue any legal remedy available to it in accordance with the RA Agreement.</p>
Applicable Law:	California
No Recourse to Members of Buyer:	<p>Buyer is organized as a Joint Powers Authorities in accordance with the Joint Exercise of Powers Act of the State of California (Government Code Section 6500, et seq.) pursuant to its Joint Powers Agreement and is a public entity separate from its constituent members. Buyer shall solely be responsible for all debts, obligations and liabilities accruing and arising out of this Agreement. Seller shall have no rights and shall not make any claims, take any actions or assert any remedies against any of Buyer's constituent members in connection with the RA Agreement.</p>
Assignment:	<p>Except with respect to collateral assignment to support a financing by Seller of the Facility and assignment to an affiliate, prior written consent of the non-assigning party shall be required for assignment of any interest in the Agreement including a change of control.</p>

Events of Default:	Events of Default shall include, but not be limited to, failure to pay any amounts when due, breach of representations and warranties, failure to perform covenants and material obligations in the PPA, bankruptcy, and assignment other than as permitted by the PPA. In addition, it shall be a Seller Event of Default if Construction Start is not achieved within 180 days after the Guaranteed Construction Start Date or COD is not achieved within 60 days after the Guaranteed COD.
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2. Additional Term Sheet Provisions.

No Obligation to Enter Into Proposed Transaction. This Term Sheet is intended to provide an overview of the Proposed Transaction and is not intended to constitute a binding contract or an offer to enter into an RA Agreement with respect to the Proposed Transaction and does not obligate any Party to enter into the Proposed Transaction or execute any agreement, including the RA Agreement, in connection with the Proposed Transaction. Neither Buyer nor Seller will be deemed to have agreed to the RA Agreement and will not be bound by any term thereof, unless and until authorized representatives of both Buyer and Seller execute final definitive documents, enforceable in accordance with their terms.

Other Agreements. In connection with this Term Sheet, Respondent shall execute that certain Exclusive Negotiating Agreement (“**Exclusivity Agreement**”) with Buyer(s) and provide a Shortlist Deposit (as defined in such agreement) of \$3.00/kW to Buyer(s) within three (3) Business Days after execution of the Exclusivity Agreement. The Shortlist Deposit will be returned in accordance with, and subject to, the terms of the Exclusivity Agreement.

Expenses. Each Party will pay its own costs and expenses (whether internal or out-of-pocket, and whether for legal, financial, technical or other consultants, or other purposes) in connection with the Term Sheet and any definitive agreements.

Termination. This Term Sheet will terminate upon the earlier of (a) execution of the RA Agreement or (b) expiration of the Exclusivity Deadline (as defined in the Exclusivity Agreement), as such Exclusivity Deadline may be extended pursuant to the Exclusivity Agreement.

Governing Law. This Term Sheet is governed by, and construed in accordance with, the laws of the State of California.

Counterparts and Electronic Signatures. This Term Sheet may be executed electronically and in counterparts, each of which will be enforceable against the Parties actually executing such counterparts, and all of which together will constitute one instrument. The Parties may rely on electronic or scanned signatures as originals. Delivery of an executed signature page of this Term Sheet by electronic transmission (including email transmission of a PDF image) shall be the same as delivery of an original executed signature page.

Prior Agreements. This Term Sheet supersedes all prior communications and agreements, oral or written, between the Parties regarding the subject matter herein contemplated.

Assignment. This Term Sheet will be binding upon and inure to the benefit of the Parties and their respective successors and permitted assigns. Neither Party will assign, pledge or otherwise transfer this Term Sheet or any right or obligation under this Term Sheet without first obtaining the other Party’s prior written consent.

No Consequential Damages. IN NO EVENT SHALL ANY PARTY, ITS AFFILIATES AND/OR REPRESENTATIVES BE LIABLE FOR ANY LOST OR PROSPECTIVE PROFITS OR ANY OTHER CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE, INDIRECT OR EXEMPLARY DAMAGES UNDER OR IN RESPECT TO THIS TERM SHEET.

IN WITNESS WHEREOF, the Parties have signed this Term Sheet effective as of the Effective Date.

**California Choice Energy Authority, a
California joint powers authority**

[RESPONDENT]

By: _____

By: _____

Printed Name: _____

Printed Name: _____

Title: _____

Title: _____

**Clean Energy Authority, a California joint
powers authority**

By: _____

Printed Name: _____

Title: _____

**Desert Community Energy, a California joint
powers authority**

By: _____

Printed Name: _____

Title: _____

1. Participant Information and Contact Information

YELLOW CELLS REQUIRE YOUR INPUTS

Participant Information:

Counterparty/Legal Entity Name:

Street Address:

City:

State

[Choose](#)

Zip Code

Website:

Authorized Contact # 1:

First Name:

Last Name:

Title:

Phone 1:

Phone 2:

Email Address:

Authorized Contact # 2:

First Name:

Last Name:

Title:

Phone 1:

Phone 2:

Email Address:

Participant Authorization and Attestation

By selecting "Yes", participant confirms that they are "a duly authorized representative of Participant" AND that you attest, on behalf of Participant, that all information provided in this Offer Form and in response to this Mid-Term Reliability RFP is true and correct to the best of Participant's knowledge as of the date such information is provided.

Electronic Signature

Title

Putting a "Yes" here certifies that typed name acts as your electronic signature

2. Project Information

Energy Facility Information:

Legal Entity Name:			
Project Address:			
City:		State: Choose	Zip Code:

Project Latitude:		Project Longitude:	
-------------------	--	--------------------	--

Facility Status:			
Diablo Canyon Replacement Eligible:			
Commercial Operation Date:			
Delivery Term (Contract Years):			
CAISO Settlement Resource Pnode / Delivery Point:		Delivery Point is a Hub:	
Project Zone:			
Project Type:			
Renewable Energy Source:			
Renewable Energy Source Other:			
PPA Contract Price (\$/MWh):			
Nameplate Capacity (MW):			
Estimated Capacity Factor (%):			
Expected Annual Generation (MWh):			
ITC Eligible:			
Grid Charging Available:			
Resource Adequacy Area:			
Resource Adequacy Type(s) Offered:			
Type of Site Control:			
Type of Site Control if "Other":			

Additional Information for Projects with Storage

Storage Technology Type:	
Storage Technology Type if "Other":	
Storage System Capacity at Delivery Point (MW):	
Storage System Duration (h):	

Interconnection Information

Interconnection Status:	
Interconnection Type:	
Queue ID/Position:	
Utility Service Territory:	
Point of Interconnection:	
Interconnection Voltage:	
Substation:	
Interconnection Capacity (MW):	

Energy Facility Developer Information (Leave blank if development will be done by Participant, or is Existing):

Developer Name:			
Street Address:			
City:		State: Choose	Zip Code:

Owners of Energy Facility Entity:

Name	Ownership	Website URL
	100.0%	
	0.0%	
	0.0%	
	0.0%	
	0.0%	
	100.0%	

Total must not exceed 100%

3. Renewable Generation Offer Terms

Explanation: If the proposed project has a variable or firm renewable energy source (including if it is paired with storage), please complete the data forms below.

Provide three years of **expected** hourly generation data for the renewable resource alone (i.e. NOT altered by storage dispatch or curtailment). Provide dates in 'hour ending' format, so the 3-4pm interval would be listed as 4pm. Do not include daylight savings (i.e. provide all data in standard time) but do include the effects of leap years.

Also provide the **forecasted monthly generation** for the duration of the project. This forecasted generation should also NOT be altered by storage dispatch or curtailment but should account for any anticipated production declines due to degradation or required planned maintenance.

NOTE: Start by entering the start date of the historical data in cell C12. Use the format as instructed. Once this is done, the rest of the historical date time stamps will be automatically populated.

Expected Hourly Generation Reference Profile		
Date and Time (Hour Ending)	Expected Energy (MWh)	
1/1/19 5:00 PM	50	
1/1/19 6:00 PM	44	
<i>Enter below the start date of historical data</i>		
1/0/00 1:00 AM		
1/0/00 2:00 AM		
1/0/00 3:00 AM		
1/0/00 4:00 AM		
1/0/00 5:00 AM		
1/0/00 6:00 AM		
1/0/00 7:00 AM		
1/0/00 8:00 AM		
1/0/00 9:00 AM		
1/0/00 10:00 AM		
1/0/00 11:00 AM		
1/0/00 12:00 PM		
1/0/00 1:00 PM		
1/0/00 2:00 PM		
1/0/00 3:00 PM		
1/0/00 4:00 PM		
1/0/00 5:00 PM		
1/0/00 6:00 PM		
1/0/00 7:00 PM		
1/0/00 8:00 PM		
1/0/00 9:00 PM		
1/0/00 10:00 PM		
1/0/00 11:00 PM		
1/1/00 12:00 AM		
1/1/00 1:00 AM		
1/1/00 2:00 AM		
1/1/00 3:00 AM		
1/1/00 4:00 AM		
1/1/00 5:00 AM		
1/1/00 6:00 AM		
1/1/00 7:00 AM		
1/1/00 8:00 AM		
1/1/00 9:00 AM		

EXAMPLE:

[illegible]

3. Renewable Generation

Appendix F - Mid-Term Reliability RFP Offer Form

~~6/30/2022~~

Attachment B
Resi Station Western Systems Power Pool
Resource Adequacy Confirmation

Worksheet III. RESOURCES

DR. Dispatchable Demand Response

Resources not part of the DR Allocation

[illegible]

Month	Jan-23
-------	--------

[illegible]

ate or enter
to the cells
ow

South

2.49

Addition of Transmission Line Losses for Third-Party DR (System)

PG&E		SCE		SDGE	
T&D Loss	1.03	T&D Loss	1.025	T&D Loss	1.025
Bay Area	0	LA Basin	0	San Diego	0
Fresno	0.8549	Big Creek	0	Subtotal	0
Sierra	0	SCE Non-	0		
Stockton	0	Subtotal	0		
Kern	0				
Humboldt	0				
NCNB	0				
PGE Non-	0				
Subtotal	0.8549				

Total	0.8549
-------	--------

Addition of Transmission Line Losses for Third-Party DR (Local)

PG&E		SCE		SDGE	
T&D Loss	1.03	T&D Loss	1.025	T&D Loss	1.025
Bay Area	0	LA Basin	0	San Diego	0
Fresno	0	Big Creek	0		
Sierra	0				
Stockton	0				
Kern	0				
Humboldt	0				
NCNB	0				

Cross Validation RA Details

Run Num	2600579482392	Submittal Type	M	Plan Month	01	Plan Year	2023
LSE	LDCCE	Resource ID	PGF1_2_PDRP11				
Detail Type	RA Plans						

<div><div>View</div><div>Reset</div></div>								
Validation Status	LSE	Resource ID	Local RA Capacity	System RA Capacity	LSE's Total RA Capacity (MW)	Effective Start Date	Effective End Date	Errors & Warnings
Passed	LDCCE	PGF1_2_PDRP11		0.83	0.83	01/01/2023 00:00:00	01/31/2023 23:59:59	

Attachment C

Cape Generating Station Renewable Power Purchase Agreement

RENEWABLE POWER PURCHASE AGREEMENT

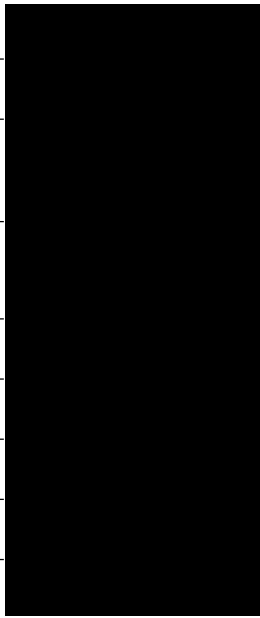
COVER SHEET

Seller: Cape Generating Station 1 LLC, a Delaware limited liability company (“**Seller**”)

Buyer: Desert Community Energy, a California joint powers authority (“**Buyer**”)


Description of Facility: A dynamic resource-specific system resource geothermal renewable electricity generating facility located in Beaver County, Utah, as further described in Exhibit A.

Milestones:

Milestone	Date for Completion
Evidence of Site Control	
CEC Pre-Certification Obtained	
Documentation of Conditional Use Permit if required: [] CEQA, [] Cat Ex, [] Neg Dec, [] Mitigated Neg Dec, [] EIR	
Seller’s receipt of Phase I and Phase II Interconnection study results for Seller’s Interconnection Facilities	
Executed Interconnection Agreement	
Expected Construction Start Date	
Full Capacity Deliverability Status Obtained	
Initial Synchronization	
Network Upgrades completed	
Expected Commercial Operation Date	
	June 1, 2026

Delivery Term: Fifteen (15) Contract Years.

Expected Energy:

Contract Year	Expected Energy (MWh)
1	
2	
3	
4	

5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Buyer's Contract Capacity: [REDACTED]

Guaranteed Capacity: [REDACTED]

Contract Price: The Contract Price of the Product shall be:

Contract Year	Contract Price
1 - 15	[REDACTED]

Product: Buyer's Share of:

- ☒ Facility Energy
- ☒ Green Attributes (Portfolio Content Category 1) associated with Facility Energy
- ☒ Capacity Attributes
 - ☐ Energy Only Status
 - ☒ Resource Specific Import RA
- ☒ Ancillary Services
- ☒ Incremental Resource Compliance

Scheduling Coordinator: Seller /Seller Third Party

Development Security and Performance Security:

Development Security [REDACTED] per MW of Buyer's Contract Capacity

Performance Security: [REDACTED] per MW of Buyer's Contract Capacity

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[REDACTED] [REDACTED] [REDACTED]	[REDACTED]
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RENEWABLE POWER PURCHASE AGREEMENT

This Renewable Power Purchase Agreement (“**Agreement**”) is entered into as of _____, 2022 (the “**Effective Date**”), between Buyer and Seller. Buyer and Seller are sometimes referred to herein individually as a “**Party**” and jointly as the “**Parties**.” All capitalized terms used in this Agreement are used with the meanings ascribed to them in Article 1 to this Agreement.

RECITALS

WHEREAS, Seller intends to develop, design, permit, construct, own, control and operate the Facility; and

WHEREAS, Seller desires to sell, and Buyer desires to purchase, on the terms and conditions set forth in this Agreement, the Product;

NOW THEREFORE, in consideration of the mutual covenants and agreements herein contained, and for other good and valuable consideration, the sufficiency and adequacy of which are hereby acknowledged, the Parties agree to the following:

ARTICLE 1 DEFINITIONS

1.1 **Contract Definitions.** The following terms, when used herein with initial capitalization, shall have the meanings set forth below:

“**AC**” means alternating current.

“**Accepted Compliance Costs**” has the meaning set forth in Section 3.12.

“**Adjusted Energy Production**” has the meaning set forth in Exhibit G.

“**Affiliate**” means, with respect to any Person, each Person that directly or indirectly controls, is controlled by, or is under common control with such designated Person. For purposes of this definition and the definition of “Permitted Transferee”, “control” (including, with correlative meanings, the terms, “controlled by”, and “under common control with”), as used with respect to any Person, shall mean (a) the direct or indirect right to cast at least fifty percent (50%) of the votes exercisable at an annual general meeting (or its equivalent) of such Person or, if there are no such rights, ownership of at least fifty percent (50%) of the equity or other ownership interest in such Person, or (b) the right to direct the policies or operations of such Person.

“**Agreement**” has the meaning set forth in the Preamble and includes any Exhibits, schedules and any written supplements hereto, the Cover Sheet, and any designated collateral, credit support or similar arrangement between the Parties.

“**Ancillary Services**” means all ancillary services, products and other attributes, if any, associated with the Facility.

“Available Generating Capacity” means the capacity of the Facility, expressed in whole MWs, that is mechanically available to generate Energy.

“Bankrupt” means with respect to any entity, such entity that (a) files a petition or otherwise commences, authorizes or acquiesces in the commencement of a proceeding or cause of action under any bankruptcy, insolvency, reorganization or similar Law, (b) has any such petition filed or commenced against it which remains unstayed or undismissed for a period of ninety (90) days, (c) makes an assignment or any general arrangement for the benefit of creditors, (d) otherwise becomes bankrupt or insolvent (however evidenced), (e) has a liquidator, administrator, receiver, trustee, conservator or similar official appointed with respect to it or any substantial portion of its property or assets, or (f) is generally unable to pay its debts as they fall due.

“Business Day” means any day except a Saturday, Sunday, or a Federal Reserve Bank holiday in California. A Business Day begins at 8:00 a.m. and ends at 5:00 p.m. Pacific Standard Time (PST) for the Party sending a Notice, or payment, or performing a specified action.

“Buyer” means Desert Community Energy, a California joint powers authority.

“Buyer’s Contract Capacity” has the meaning set forth on the Cover Sheet

“Buyer Default” means an Event of Default of Buyer.

“Buyer’s Share” means the percentage equal to the result of dividing the Buyer’s Contract Capacity by the Installed Capacity.

“Buyer’s WREGIS Account” has the meaning set forth in Section 4.8(a).

“CAISO” means the California Independent System Operator Corporation, or any successor entity performing similar functions.

“CAISO Approved Meter” means a CAISO approved revenue quality meter or meters, CAISO approved data processing gateway or remote intelligence gateway, telemetering equipment and data acquisition services sufficient for monitoring, recording and reporting, in real time, all Facility Energy delivered to the Delivery Point.

“CAISO Grid” has the same meaning as “CAISO Controlled Grid” as defined in the CAISO Tariff.

“CAISO Operating Order” means the “operating order” defined in Section 37.2.1.1 of the CAISO Tariff.

“CAISO Tariff” means the California Independent System Operator Corporation Agreement and Tariff, Business Practice Manuals (BPMs), and Operating Procedures, including the rules, protocols, procedures and standards attached thereto, as the same may be amended or modified from time-to-time and approved by FERC.

“California Renewables Portfolio Standard” or **“RPS”** means the renewable energy program and policies established by California State Senate Bills 1038 (2002), 1078 (2002), 107

(2008), X-1 2 (2011), 350 (2015), and 100 (2018) as codified in, *inter alia*, California Public Utilities Code Sections 399.11 through 399.31 and California Public Resources Code Sections 25740 through 25751, as such provisions are amended or supplemented from time to time.

“Capacity Attribute” means any current or future defined characteristic, certificate, tag, credit, or accounting construct associated with the amount of power the Facility can generate and deliver at a particular moment and that can be purchased and sold under CAISO market rules, including Resource Adequacy Benefits.

“Capacity Damages” has the meaning set forth in Exhibit B.

“CEC” means the California Energy Commission, or any successor agency performing similar statutory functions.

“CEC Certification and Verification” means that the CEC has certified (or, with respect to periods before the date that is one hundred eighty (180) days following the Commercial Operation Date, that the CEC has pre-certified, as such date may be extended pursuant to Section 3.9) that the Facility is an Eligible Renewable Energy Resource for purposes of the California Renewables Portfolio Standard and that all Facility Energy delivered to the Delivery Point qualifies as generation from an Eligible Renewable Energy Resource.

“CEC Precertification” means that the CEC has issued a precertification for the Facility indicating that the planned operations of the Facility would comply with applicable CEC requirements for CEC Certification and Verification.

“CEQA” means the California Environmental Quality Act.

“Change of Control” means, except in connection with public market transactions of equity interests or capital stock of Seller’s Ultimate Parent, any circumstance in which Ultimate Parent ceases to own, directly or indirectly through one or more intermediate entities, at least fifty percent (50%) of the outstanding equity interests in Seller; provided that in calculating ownership percentages for all purposes of the foregoing:

(a) any ownership interest in Seller held by Ultimate Parent indirectly through one or more intermediate entities shall not be counted towards Ultimate Parent’s ownership interest in Seller unless Ultimate Parent directly or indirectly owns at least fifty percent (50%) of the outstanding equity interests in each such intermediate entity; and

(b) ownership interests in Seller owned directly or indirectly by any Lender (including any equity or tax equity investor directly or indirectly providing financing or refinancing for the Facility or purchasing equity ownership interests of Seller or its Affiliates, and any trustee or agent or similar representative acting on their behalf) or assignee or transferee thereof shall be excluded from the total outstanding equity interests in Seller.

“CIRA Tool” means the CAISO Customer Interface for Resource Adequacy.

“Claim” has the meaning set forth in Section 16.2.

“COD Certificate” has the meaning set forth in Exhibit B.

“Commercial Operation” has the meaning set forth in Exhibit B.

“Commercial Operation Date” has the meaning set forth in Exhibit B.

“Commercial Operation Delay Damages” means an amount for each day of delay equal to the Development Security [REDACTED]

“Compliance Actions” has the meaning set forth in Section 3.12.

“Compliance Costs” has the meaning set forth in Section 3.12.

“Compliance Expenditure Cap” has the meaning set forth in Section 3.12.

“Confidential Information” has the meaning set forth in Section 18.1.

“Construction Delay Damages” means an amount equal to the Development Security divided by [REDACTED]

“Construction Start” has the meaning set forth in Exhibit B.

“Construction Start Date” has the meaning set forth in Exhibit B.

“Contract Price” has the meaning set forth on the Cover Sheet.

“Contract Term” has the meaning set forth in Section 2.1(a).

“Contract Year” means a period of twelve (12) consecutive months. The first Contract Year shall commence on the Commercial Operation Date and each subsequent Contract Year shall commence on the anniversary of the Commercial Operation Date.

“Costs” means, with respect to the Non-Defaulting Party, brokerage fees, commissions and other similar third-party transaction costs and expenses reasonably incurred by such Party either in terminating any arrangement pursuant to which it has hedged its obligations or entering into new arrangements which replace the Agreement; and all reasonable attorneys’ fees and expenses incurred by the Non-Defaulting Party in connection with terminating the Agreement.

“Cover Sheet” means the cover sheet to this Agreement, which is incorporated into this Agreement.

“CPUC” means the California Public Utilities Commission or any successor agency performing similar statutory functions.

“Credit Rating” means, with respect to any entity, the rating then assigned to such entity’s unsecured, senior long-term debt obligations (not supported by third party credit enhancements) or if such entity does not have a rating for its senior unsecured long-term debt, then the rating then assigned to such entity as an issuer rating by S&P or Moody’s. If ratings by S&P and Moody’s are not equivalent, the lower rating shall apply.

“Curtailment Order” means any of the following:

(a) CAISO orders, directs, alerts, or provides notice to a Party, including a CAISO Operating Order, that such Party is required to curtail deliveries of Facility Energy for the following reasons: (i) any System Emergency, or (ii) any warning of an anticipated System Emergency, or warning of an imminent condition or situation, which jeopardizes CAISO’s electric system integrity or the integrity of other systems to which CAISO is connected;

(b) a curtailment ordered by the Participating Transmission Owner for reasons including, but not limited to, (i) any situation that affects normal function of the electric system including, but not limited to, any abnormal condition that requires action to prevent circumstances such as equipment damage, loss of load, or abnormal voltage conditions, or (ii) any warning, forecast or anticipation of conditions or situations that jeopardize the Participating Transmission Owner’s electric system integrity or the integrity of other systems to which the Participating Transmission Owner is connected;

(c) a curtailment ordered by CAISO or the Participating Transmission Owner due to scheduled or unscheduled maintenance on the Participating Transmission Owner’s transmission facilities that prevents (i) Buyer from receiving or (ii) Seller from delivering Facility Energy to the Delivery Point; or

(d) a curtailment in accordance with Seller’s obligations under its Interconnection Agreement with the Participating Transmission Owner or distribution operator.

“Curtailment Period” means the period of time, as measured using current Settlement Intervals, during which Seller reduces generation from the Facility pursuant to a Curtailment Order; provided that the Curtailment Period shall be inclusive of the time required for the Facility to ramp down and ramp up.

“Damage Payment” means the dollar amount that equals the amount of the Development Security.

“Day-Ahead Forecast” has the meaning set forth in Section 4.3(c).

“Day-Ahead Market” has the meaning set forth in the CAISO Tariff.

“Day-Ahead Schedule” has the meaning set forth in the CAISO Tariff.

“Dedicated Interconnection Capacity” has the meaning set forth in Section 4.10.

“Defaulting Party” has the meaning set forth in Section 11.1(a).

“Deficient Month” has the meaning set forth in Section 4.8(d).

“Delay Damages” means Construction Delay Damages and Commercial Operation Delay Damages.

“Delivery Point” means [REDACTED] or such other point of delivery as may be designated by the Parties from time to time pursuant to Section 3.7.

“Delivery Term” shall mean the period of Contract Years set forth on the Cover Sheet beginning on the Commercial Operation Date, unless terminated earlier in accordance with the terms and conditions of this Agreement.

“Development Cure Period” has the meaning set forth in Exhibit B.

“Development Security” means (i) cash or (ii) a Letter of Credit in the amount set forth on the Cover Sheet.

“Disclosing Party” has the meaning set forth in Section 18.2.

“Dynamic Imports Operating Agreement” means an agreement between the CAISO and the host Balancing Authority for the Facility that enables Dynamic Schedules from the host Balancing Authority to the CAISO Balancing Authority, which may be in the form of the agreement referred to in the CAISO Tariff as the “Dynamic Scheduling Host Balancing Authority Operating Agreement” or (b) an alternative agreement, reasonably acceptable to the CAISO and consistent with the CAISO Tariff, governing the terms of dynamic transfers between CAISO and the host Balancing Authority for the Facility and enabling Dynamic Schedules pursuant to this Agreement.

“Dynamic Schedule” has the meaning set forth in the CAISO Tariff.

“Dynamic Resource-Specific System Resource” has the meaning in the CAISO Tariff

“Dynamic Scheduling Agreement” has the same meaning as that set forth in the CAISO Tariff for “Dynamic Scheduling Agreement for Scheduling Coordinators”.

“Early Termination Date” has the meaning set forth in Section 11.2(a).

“Effective Date” has the meaning set forth on the Preamble.

“Electrical Losses” means all transmission or transformation losses or gains between the Facility and the Delivery Point, including losses or gains associated with delivery of Facility Energy to the Delivery Point.

“Eligible Renewable Energy Resource” has the meaning set forth in California Public Utilities Code Section 399.12(e) and California Public Resources Code Section 25741(a), as either code provision is amended or supplemented from time to time.

“Energy” means electrical energy, measured in MWh.

“E-Tag” has the meaning set forth in the CAISO Tariff.

“Event of Default” has the meaning set forth in Section 11.1.

“Excess Energy” has the meaning set forth in Exhibit C.

“Executed Interconnection Agreement Milestone” means the date for completion of execution of the Interconnection Agreement by Seller and the PTO as set forth on the Cover Sheet.

“Expected Commercial Operation Date” is the date set forth on the Cover Sheet by which Seller reasonably expects to achieve Commercial Operation.

“Expected Construction Start Date” is the date set forth on the Cover Sheet by which Seller reasonably expects to achieve Construction Start.

“Expected Energy” means the quantity of Energy specified on the Cover Sheet that Seller expects to be able to deliver from the Facility during each Contract Year.

“Facility” means the geothermal generating facility described on the Cover Sheet and in Exhibit A, located at the Site and including mechanical equipment and associated facilities and equipment required to deliver Energy to the Delivery Point.



“Facility Meter” means the CAISO Approved Meter that will measure all Energy generated by the Facility, including Facility Energy. Without limiting Seller’s obligation to deliver Facility Energy to the Delivery Point, the Facility Meter may be located at the low voltage or the high voltage side of the main step up transformer, and Facility Energy will be subject to adjustment in accordance with CAISO meter requirements and Prudent Operating Practices to account for Electrical Losses and Station Use.

“FERC” means the Federal Energy Regulatory Commission or any successor government agency.

“Force Majeure Event” has the meaning set forth in Section 10.1.

“Forced Facility Outage” means an unexpected failure of one or more components of the Facility that prevents Seller from generating Energy or making Facility Energy available at the Delivery Point and that is not the result of a Force Majeure Event.

“Forward Certificate Transfers” has the meaning set forth in Section 4.8(a).

“Full Capacity Deliverability Status” has the meaning set forth in the CAISO Tariff.

“Future Environmental Attributes” shall mean any and all emissions, air quality or other environmental attributes other than Green Attributes or Renewable Energy Incentives under the RPS regulations or under any and all other international, federal, regional, state or other law, rule, regulation, bylaw, treaty or other intergovernmental compact, decision, administrative decision,

program (including any voluntary compliance or membership program), competitive market or business method (including all credits, certificates, benefits, and emission measurements, reductions, offsets and allowances related thereto) that are attributable, now, or in the future, to the generation of electrical energy by the Facility and its displacement of conventional energy generation. Future Environmental Attributes do not include (i) any energy, capacity, reliability or other power attributes from the Facility, or (ii) investment tax credits or production tax credits associated with the construction or operation of the Facility, or other financial incentives in the form of credits, reductions, or allowances associated with the Facility that are applicable to a state or federal income taxation obligation.

“Gains” means, with respect to any Party, an amount equal to the present value of the economic benefit to it, if any (exclusive of Costs), resulting from the termination of this Agreement for the remaining Contract Term, determined in a commercially reasonable manner. Factors used in determining the economic benefit to a Party may include, without limitation, reference to information supplied by one or more third parties, which shall exclude Affiliates of the Non-Defaulting Party, including without limitation, quotations (either firm or indicative) of relevant rates, prices, yields, yield curves, volatilities, spreads or other relevant market data in the relevant markets, comparable transactions, forward price curves based on economic analysis of the relevant markets, settlement prices for comparable transactions at liquid trading hubs (e.g., SP-15), all of which should be calculated for the remaining Contract Term, and include the value of Green Attributes and Capacity Attributes.

“Governmental Authority” means any federal, state, provincial, local or municipal government, any political subdivision thereof or any other governmental, congressional or parliamentary, regulatory, or judicial instrumentality, authority, body, agency, department, bureau, or entity with authority to bind a Party at law, including CAISO; *provided, however*, that “Governmental Authority” shall not in any event include any Party.

“Green Attributes” means any and all credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, attributable to Energy generated by the Facility and its displacement of conventional energy generation. Green Attributes include but are not limited to Renewable Energy Credits, as well as: (1) any avoided emissions of pollutants to the air, soil or water such as sulfur oxides (SO_x), nitrogen oxides (NO_x), carbon monoxide (CO) and other pollutants; (2) any avoided emissions of carbon dioxide (CO₂), methane (CH₄), nitrous oxide, hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change, or otherwise by law, to contribute to the actual or potential threat of altering the Earth’s climate by trapping heat in the atmosphere; (3) the reporting rights to these avoided emissions, such as Green Tag Reporting Rights. Green Tags are accumulated on a MWh basis and one Green Tag represents the Green Attributes associated with one (1) MWh of Energy. Green Attributes do not include (i) any energy, capacity, reliability or other power attributes from the Facility, (ii) production tax credits associated with the construction or operation of the Facility and other financial incentives in the form of credits, reductions, or allowances associated with the Facility that are applicable to a state or federal income taxation obligation, (iii) fuel-related subsidies or “tipping fees” that may be paid to Seller to accept certain fuels, or local subsidies received by the generator for the destruction of particular preexisting pollutants or the promotion of local environmental benefits,

or (iv) emission reduction credits encumbered or used by the Facility for compliance with local, state, or federal operating or air quality permits.

“Green Tag Reporting Rights” means the right of a purchaser of renewable energy to report ownership of accumulated “green tags” in compliance with and to the extent permitted by applicable Law and include, without limitation, rights under Section 1605(b) of the Energy Policy Act of 1992, and any present or future federal, state or local certification program or emissions trading program, including pursuant to the WREGIS Operating Rules.

“Guaranteed Capacity” means the amount of generating capacity in the amount set forth on the Cover Sheet.

“Guaranteed Commercial Operation Date” means the Expected Commercial Operation Date, as such date may be extended by the Development Cure Period.

“Guaranteed Construction Start Date” means the Expected Construction Start Date, as such date may be extended by the Development Cure Period.

“Guaranteed Energy Production” means ninety percent (90%) of the total Expected Energy, measured in MWh, for the applicable Performance Measurement Period.

“Guaranteed RA Amount” is equal to the Qualifying Capacity associated with the Buyer’s Contract Capacity, as such Qualifying Capacity is calculated under counting rules and methodologies in effect and modified by the CPUC or CAISO from time to time during the Contract Term.

“Guarantor” means, with respect to Seller, any Person that (a) Buyer does not already have any material credit exposure to under any other agreements, guarantees, or other arrangements at the time its Guaranty is issued, (b) is an Affiliate of Seller, or other third party reasonably acceptable to Buyer, (c) has a Credit Rating of BBB- or better from S&P or a Credit Rating of Baa3 or better from Moody’s or has a tangible net worth of at least [REDACTED] (d) is incorporated or organized in a jurisdiction of the United States and is in good standing in such jurisdiction, and (e) executes and delivers a Guaranty for the benefit of Buyer.

“Guaranty” means a guaranty from a Guarantor provided for the benefit of Buyer substantially in the form attached as Exhibit L.

“Hourly Contract Quantity” means the quantity of Facility Energy for each hour reasonably capable of being generated by the Facility that is attributable to the Buyer’s Contract Capacity, as may be adjusted pursuant to Section 4.4.

“Imbalance Energy” means the amount of energy in MWh, in any given Settlement Period or Settlement Interval, by which the amount of Facility Energy deviates from the amount of Scheduled Energy.

“Incremental Resource Compliance” means all rights to show the Facility as an incremental resource for compliance purposes under CPUC D.21-06-035, including as a long lead-time resource as described in Ordering Paragraph 2 thereof.

“Indemnifiable Loss(es)” has the meaning set forth in Section 16.1(a).

“Initial Synchronization” means the initial delivery of Facility Energy to the Delivery Point.

“Installed Capacity” means the actual generating capacity of the Facility, as measured in MW(AC) at the Interconnection Point, that achieves Commercial Operation, adjusted for ambient conditions on the date of the performance test, as evidenced by a certificate substantially in the form attached as Exhibit I hereto. Buyer acknowledges that Seller may increase the Installed Capacity after the Commercial Operation Date and Seller will provide an updated certificate of Installed Capacity to Buyer promptly upon any increase in Installed Capacity.

“Interconnection Agreement” means the interconnection agreement entered into by Seller pursuant to which the Facility will be interconnected with the Transmission System, and pursuant to which Seller’s Interconnection Facilities and any other Interconnection Facilities will be constructed, operated and maintained during the Contract Term.

“Interconnection Facilities” means the interconnection facilities, control and protective devices and metering facilities required to connect the Facility with the Transmission System in accordance with the Interconnection Agreement.

“Interconnection Point” has the meaning set forth in Exhibit A.

“Interest Rate” has the meaning set forth in Section 8.2.

“Inter-SC Trade” or **“IST”** has the meaning set forth in the CAISO Tariff.

“ITC” means the investment tax credit established pursuant to Section 48 of the United States Internal Revenue Code of 1986.

“Joint Powers Act” means the Joint Exercise of Powers Act of the State of California (Government Code Section 6500 et seq.).

“Joint Powers Agreement” means that certain Joint Powers Agreement dated October 30, 2017, as amended from time to time, under which Buyer is organized as a Joint Powers Authority in accordance with the Joint Powers Act.

“Law” means any applicable law, statute, rule, regulation, decision, writ, order, decree or judgment, permit or any interpretation thereof, promulgated or issued by a Governmental Authority.

“Lender” means, collectively, any Person (i) providing senior or subordinated construction, interim, back leverage or long-term debt, equity or tax equity financing or refinancing for or in connection with the development, construction, purchase, installation or

operation of the Facility, whether that financing or refinancing takes the form of private debt (including back-leverage debt), equity (including tax equity), public debt or any other form (including financing or refinancing provided to a member or other direct or indirect owner of Seller), including any equity or tax equity investor directly or indirectly providing financing or refinancing for the Facility or purchasing equity ownership interests of Seller or its Affiliates, and any trustee or agent or similar representative acting on their behalf, (ii) providing interest rate or commodity protection under an agreement hedging or otherwise mitigating the cost of any of the foregoing obligations or (iii) participating in a lease financing (including a sale leaseback or leveraged leasing structure) with respect to the Facility.

“Letter(s) of Credit” means one or more irrevocable, standby letters of credit issued by a U.S. commercial bank or a foreign bank with a U.S. branch with such bank (a) having a Credit Rating of at least A- with an outlook designation of “stable” from S&P or A3 with an outlook designation of “stable” from Moody’s or (b) being reasonably acceptable to Buyer, in a form substantially similar to the letter of credit set forth in Exhibit K.

“Licensed Professional Engineer” means an independent, professional engineer (a) reasonably acceptable to Buyer, (b) who has been retained by, or for the benefit of, the Lenders, or (c) who (i) is licensed to practice engineering in the State of California, (ii) has training and experience in the power industry specific to the technology of the Facility, (iii) is licensed in an appropriate engineering discipline for the required certification being made, and (iv) unless otherwise approved by Buyer, is not a representative of a consultant, engineer, contractor, designer or other individual involved in the development of the Facility or of a manufacturer or supplier of any equipment installed at the Facility.

“Local Capacity Area” has the meaning set forth in the CAISO Tariff.

“Local Capacity Area Resources” has the meaning set forth in the CAISO Tariff.

“Locational Marginal Price” or **“LMP”** has the meaning set forth in the CAISO Tariff.

“Losses” means, with respect to any Party, an amount equal to the present value of the economic loss to it, if any (exclusive of Costs), resulting from termination of this Agreement for the remaining Contract Term, determined in a commercially reasonable manner. Factors used in determining economic loss to a Party may include, without limitation, reference to information supplied by one or more third parties, which shall exclude Affiliates of the Non-Defaulting Party, including without limitation, quotations (either firm or indicative) of relevant rates, prices, yields, yield curves, volatilities, spreads or other relevant market data in the relevant markets, comparable transactions, forward price curves based on economic analysis of the relevant markets, settlement prices for comparable transactions at liquid trading hubs (e.g., SP-15), all of which should be calculated for the remaining Contract Term and must include the value of Green Attributes, Capacity Attributes, and Renewable Energy Incentives.

“Lost Output” means the amount of Energy that Seller could reasonably have delivered to Buyer but was prevented from delivering to Buyer due to Planned Outages not to [REDACTED] per Contract Year, Force Majeure Events, System Emergency, and [REDACTED]

non-economic curtailments by any transmission or interconnection provider, including Curtailment Orders, multiplied by Buyer's Share.

"Milestones" means the development activities for significant permitting, interconnection, financing and construction milestones set forth on the Cover Sheet.

"Monthly Delivery Forecast" has the meaning set forth in Section 4.3(b).

"Moody's" means Moody's Investors Service, Inc., or its successors.

"MW" means megawatts in alternating current, unless expressly stated in terms of direct current.

"MWh" means megawatt-hour measured in alternating current, unless expressly stated in terms of direct current.

"Negative LMP" means, in any Settlement Period or Settlement Interval, whether in the Day-Ahead Market or Real-Time Market, the LMP at the Delivery Point is less than Zero dollars (\$0).

"NERC" means the North American Electric Reliability Corporation or any successor entity performing similar functions.

"Net Qualifying Capacity" has the meaning set forth in the CAISO Tariff.

"Network Upgrades" has the meaning set forth in the CAISO Tariff.

"Non-Defaulting Party" has the meaning set forth in Section 11.2.

"Notice" shall, unless otherwise specified in the Agreement, mean written communications by a Party to be delivered by hand delivery, United States mail, overnight courier service, or electronic messaging (e-mail).

"Notice of Claim" has the meaning set forth in Section 16.2.

"Notification Deadline" for a given Showing Month shall mean twenty (20) Business Days before the applicable compliance deadline for the submission of an annual or monthly CAISO Supply. For illustrative purposes only, as of the Effective Date, the applicable compliance deadlines are as follows: (A) forty-five (45) days prior to the Showing Month covered by the Supply Plan for the monthly Supply Plan; and (B) the last Business Day of October that is prior to commencement of the year for the annual Supply Plan.

"NP 15" means the Existing Zone Generation Trading Hub for Existing Zone region NP15 as set forth in the CAISO Tariff.

"Operating Restrictions" means those rules, requirements, and procedures set forth on Exhibit O.

“Participating Transmission Owner” or **“PTO”** means an entity that owns, operates and maintains transmission or distribution lines and associated facilities or has entitlements to use certain transmission or distribution lines and associated facilities where the Facility is interconnected. For purposes of this Agreement, the Participating Transmission Owner is set forth in Exhibit A.

“Party” or **“Parties”** has the meaning set forth in the Preamble.

“Performance Measurement Period” means each Contract Year during the Delivery Term.

“Performance Security” means (i) cash or (ii) a Letter of Credit or a (iii) a Guaranty, in the amount set forth on the Cover Sheet.

“Permitted Transferee” means any entity that satisfies, or is controlled by another Person that satisfies, the following requirements:

(a) A tangible net worth of not less than [REDACTED] or a Credit Rating of at least BBB- from S&P or Baa3 from Moody’s; and

(b) At least two (2) years of experience in the ownership and operations of power generation facilities similar to the Facility with a generating capacity of at least twenty (20) MW, or has retained a third-party with such experience to operate the Facility.

“Person” means any individual, sole proprietorship, corporation, limited liability company, limited or general partnership, joint venture, association, joint-stock company, trust, incorporated organization, institution, public benefit corporation, unincorporated organization, government entity or other entity.

“Planned Outage” has the meaning set forth in Section 4.6(a).

“PNode” has the meaning set forth in the CAISO Tariff.

“Portfolio Content Category” means PCC1, PCC2 or PCC3, as applicable.

“Portfolio Content Category 1” or **“PCC1”** means any Renewable Energy Credit associated with the generation of electricity from an Eligible Renewable Energy Resource consisting of the portfolio content set forth in California Public Utilities Code Section 399.16(b)(1) and California Public Utilities Commission Decision 11-12-052, as may be amended from time to time or as further defined or supplemented by Law.

“Product” has the meaning set forth on the Cover Sheet.

“Progress Report” means a progress report including the items set forth in Exhibit E.

“Prudent Operating Practice” means (a) the applicable practices, methods and acts required by or consistent with applicable Laws and reliability criteria, and otherwise engaged in or approved by a significant portion of the electric utility and independent power producer industry

during the relevant time period with respect to grid-interconnected, utility-scale geothermal generating facilities in the Western United States, or (b) any of the practices, methods and acts which, in the exercise of reasonable judgement in light of the facts known at the time the decision was made, could have been expected to accomplish the desired result at a reasonable cost consistent with good business practices, reliability, safety and expedition. Prudent Operating Practice is not intended to be limited to the optimum practice, method or act to the exclusion of all others, but rather to acceptable practices, methods or acts generally accepted in the industry with respect to grid-interconnected, utility-scale generating facilities in the Western United States. Prudent Operating Practice includes compliance with applicable Laws, applicable reliability criteria, and the criteria, rules and standards promulgated in the National Electric Safety Code and the National Electrical Code, as they may be amended or superseded from time to time, including the criteria, rules and standards of any successor organizations.

“**PTC**” means the production tax credit established pursuant to Section 45 of the United States Internal Revenue Code of 1986.

“**Qualifying Capacity**” has the meaning set forth in the CAISO Tariff.

“**RA Capacity**” has the meaning set forth in the CAISO Tariff.

“**RA Deficiency Amount**” means the liquidated damages payment that Seller shall pay to Buyer for an applicable RA Shortfall Month as calculated in accordance with Section 3.8(b).

“**RA Guarantee Date**” means the date that is sixty (60) days after the Commercial Operation Date.

“**RA Shortfall Amount**” has the meaning set forth Section 3.8(b).

“**RA Shortfall Month**” means, for purposes of calculating an RA Deficiency Amount under Section 3.8 any Showing Month during which there is an RA Shortfall Amount.

“**Real-Time Forecast**” means any Notice of any change to the Available Generating Capacity or hourly expected Facility Energy delivered by or on behalf of Seller pursuant to Section 4.3(c).

“**Real-Time Market**” has the meaning set forth in the CAISO Tariff.

“**Remedial Action Plan**” has the meaning in Section 2.4.

“**Renewable Energy Credit**” has the meaning set forth in California Public Utilities Code Section 399.12(h), as may be amended from time to time or as further defined or supplemented by Law.

“**Renewable Energy Incentives**” means: (a) all federal, state, or local Tax credits or other Tax benefits associated with the construction, ownership, or production of electricity from the Facility (including credits under Sections 38, 45, 46 and 48 of the Internal Revenue Code of 1986, as amended); (b) any federal, state, or local grants, subsidies or other like benefits relating in any

way to the Facility; and (c) any other form of incentive relating in any way to the Facility that is not a Green Attribute or a Future Environmental Attribute.

“Replacement RA” means Resource Adequacy Benefits, if any, equivalent to those that would have been provided by the Facility with respect to the applicable month in which a RA Deficiency Amount is due to Buyer, located within NP 15 or SP 15, compliant with the requirements of D.21-06-035, as well as meeting the same sub-category attributes if contracted for one of the sub-categories of D.21-06-035, and, to the extent that the Facility would have qualified as a Local Capacity Area Resource for such month, located within the same Local Capacity Area as the Facility.

“Resource Adequacy Benefits” means the rights and privileges attached to the Facility that satisfy any entity’s resource adequacy obligations, as those obligations are set forth in any Resource Adequacy Rulings and includes any local, zonal or otherwise locational attributes associated with the Facility, in addition to flex attributes.

“Resource Adequacy Rulings” means CPUC Decisions 04-01-050, 04-10-035, 05-10-042, 06-04-040, 06-06-064, 06-07-031, 06-07-031, 07-06-029, 08-06-031, 09-06-028, 10-06-036, 11-06-022, 12-06-025, 13-06-024, 14-06-050, 14-06-050, 19-10-021, 20-06-028, 22-06-050 and any other existing or subsequent decisions, resolutions, or rulings related to resource adequacy, including, without limitation, the CPUC Filing Guide, in each case as may be amended from time to time by the CPUC, and any other existing or subsequent ruling or decision, or any other resource adequacy Law, however described, as such decisions, rulings, Laws, rules or regulations may be amended or modified from time-to-time throughout the Delivery Term.

“Resource Specific Import RA” means a resource that is listed on the CPUC’s Net Qualifying Capacity list and is either Pseudo-Tied or Dynamic Resource-Specific System Resource into the Day-Ahead Market and Real-Time Market, and which satisfies all other applicable requirements under the Resource Adequacy Rulings, including CPUC Decisions 05-10-042 and 20-06-028.

“S&P” means the Standard & Poor’s Financial Services, LLC (a subsidiary of The McGraw-Hill Companies, Inc.) or its successor.

“Schedule” has the meaning set forth in the CAISO Tariff, and **“Scheduled”** has a corollary meaning.

“Scheduled Energy” means the Facility Energy that clears under the applicable CAISO market based on the final Day-Ahead Schedule, FMM Schedule (as defined in the CAISO Tariff), or any other financially binding Schedule, market instruction or dispatch for the Facility for a given period of time implemented in accordance with the CAISO Tariff.

“Scheduling Coordinator” or **“SC”** means an entity certified by the CAISO as qualifying as a Scheduling Coordinator pursuant to the CAISO Tariff for the purposes of undertaking the functions specified in “Responsibilities of a Scheduling Coordinator,” of the CAISO Tariff, as amended from time to time.

“Security Interest” has the meaning set forth in Section 8.9.

“Self-Schedule” has the meaning set forth in the CAISO Tariff.

“Seller” has the meaning set forth on the Cover Sheet.

“Seller’s WREGIS Account” has the meaning set forth in Section 4.8(a).

“Settlement Amount” means the Non-Defaulting Party’s Costs and Losses, on the one hand, netted against its Gains, on the other. If the Non-Defaulting Party’s Costs and Losses exceed its Gains, then the Settlement Amount shall be an amount owing to the Non-Defaulting Party. If the Non-Defaulting Party’s Gains exceed its Costs and Losses, then the Settlement Amount shall be zero dollars (\$0). The Settlement Amount does not include consequential, incidental, punitive, exemplary or indirect or business interruption damages.

“Settlement Interval” has the meaning set forth in the CAISO Tariff.

“Settlement Period” has the meaning set forth in the CAISO Tariff.

“Settlement Point” has the meaning set forth in Exhibit A.

“Shared Facilities” means the gen-tie lines, transformers, substations, or other equipment, permits, contract rights, and other assets and property (real or personal), in each case, as necessary to enable delivery of energy from the Facility (which is excluded from Shared Facilities) to the point of interconnection, including the Interconnection Agreement itself, that are used in common with third parties.

“Site” means the real property on which the Facility is or will be located, as further described in Exhibit A.

“Site Control” means that Seller (or, prior to the Delivery Term, its Affiliate): (a) owns or has the option to purchase the Site; (b) is the lessee or has the option to lease the Site; or (c) is the holder of an easement or an option for an easement, right-of-way grant, or similar instrument with respect to the Site.

“SP 15” means the Existing Zone Generation Trading Hub for Existing Zone region SP15 as set forth in the CAISO Tariff.

“Station Use” means:

(a) The Energy produced by the Facility that is used within the Facility to power the lights, motors, control systems and other electrical loads that are necessary for operation of the Facility; and

(b) The Energy produced by the Facility that is consumed within the Facility’s electric energy distribution system as losses.

“System Emergency” means any condition that requires, as determined and declared by CAISO or the PTO, automatic or immediate action to (i) prevent or limit harm to or loss of life or

property, (ii) prevent loss of transmission facilities or generation supply in the immediate vicinity of the Facility, or (iii) to preserve Transmission System reliability.

“Tax” or **“Taxes”** means all U.S. federal, state and local and any foreign taxes, levies, assessments, surcharges, duties and other fees and charges of any nature imposed by a Governmental Authority, whether currently in effect or adopted during the Contract Term, including ad valorem, excise, franchise, gross receipts, import/export, license, property, sales and use, stamp, transfer, payroll, unemployment, income, and any and all items of withholding, deficiency, penalty, additions, interest or assessment related thereto.

“Tax Credits” means the PTC, ITC and any other state, local or federal production tax credit, depreciation benefit, tax deduction or investment tax credit specific to the production of renewable energy or investments in renewable energy facilities.

“Terminated Transaction” has the meaning set forth in Section 11.2(a).

“Termination Payment” has the meaning set forth in Section 11.3.

“Transmission Provider” means any entity or entities transmitting or transporting the Facility Energy on behalf of Seller or Buyer to or from the Delivery Point.

“Transmission System” means the transmission facilities operated by the CAISO, now or hereafter in existence, which provide energy transmission service within the CAISO grid from the Delivery Point.

“Ultimate Parent” means Fervo Energy Company.

“Variable Energy Resource” or **“VER”** has the meaning set forth in the CAISO Tariff.

“WREGIS” means the Western Renewable Energy Generation Information System or any successor renewable energy tracking program.

“WREGIS Certificate Deficit” has the meaning set forth in Section 4.8(d).

“WREGIS Certificates” has the same meaning as “Certificate” as defined by WREGIS in the WREGIS Operating Rules and are designated as eligible for complying with the California Renewables Portfolio Standard.

“WREGIS Operating Rules” means those operating rules and requirements adopted by WREGIS as of January 4, 2021, as subsequently amended, supplemented or replaced (in whole or in part) from time to time.

1.2 **Rules of Interpretation.** In this Agreement, except as expressly stated otherwise or unless the context otherwise requires:

(a) headings and the rendering of text in bold and italics are for convenience and reference purposes only and do not affect the meaning or interpretation of this Agreement;

(b) words importing the singular include the plural and vice versa and the masculine, feminine and neuter genders include all genders;

(c) the words “hereof”, “herein”, and “hereunder” and words of similar import shall refer to this Agreement as a whole and not to any particular provision of this Agreement;

(d) a reference to an Article, Section, paragraph, clause, Party, or Exhibit is a reference to that Section, paragraph, clause of, or that Party or Exhibit to, this Agreement unless otherwise specified;

(e) a reference to a document or agreement, including this Agreement means such document, agreement or this Agreement including any amendment or supplement to, or replacement, novation or modification of this Agreement, but disregarding any amendment, supplement, replacement, novation or modification made in breach of such document, agreement or this Agreement;

(f) a reference to a Person includes that Person’s successors and permitted assigns;

(g) the term “including” means “including without limitation” and any list of examples following such term shall in no way restrict or limit the generality of the word or provision in respect of which such examples are provided;

(h) references to any statute, code or statutory provision are to be construed as a reference to the same as it may have been, or may from time to time be, amended, modified or reenacted, and include references to all bylaws, instruments, orders and regulations for the time being made thereunder or deriving validity therefrom unless the context otherwise requires;

(i) in the event of a conflict, a mathematical formula or other precise description of a concept or a term shall prevail over words providing a more general description of a concept or a term;

(j) references to any amount of money shall mean a reference to the amount in United States Dollars;

(k) words, phrases or expressions not otherwise defined herein that (i) have a generally accepted meaning in Prudent Operating Practice shall have such meaning in this Agreement or (ii) do not have well known and generally accepted meaning in Prudent Operating Practice but that have well known and generally accepted technical or trade meanings, shall have such recognized meanings; and

(l) each Party acknowledges that it was represented by counsel in connection with this Agreement and that it or its counsel reviewed this Agreement and that any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this Agreement.

ARTICLE 2 TERM; CONDITIONS PRECEDENT

2.1 Contract Term.

(a) The term of this Agreement shall commence on the Effective Date and shall remain in full force and effect until the conclusion of the Delivery Term, subject to any early termination provisions set forth herein ("Contract Term"); provided, however, that Buyer's obligations to pay for or accept any Product are subject to Seller's completion of the conditions precedent pursuant to Section 2.2.

(b) Applicable provisions of this Agreement shall continue in effect after termination, including early termination, to the extent necessary to enforce or complete the duties, obligations or responsibilities of the Parties arising prior to termination. The confidentiality obligations of the Parties under Article 18 and all indemnity and audit rights shall remain in full force and effect for three (3) years following the termination of this Agreement.

2.2 Conditions Precedent. The Delivery Term shall not commence until Seller completes each of the following conditions:

(a) Seller has delivered to Buyer (i) a completion certificate from a Licensed Professional Engineer substantially in the form of Exhibit H and (ii) a certificate from a Licensed Professional Engineer substantially in the form of Exhibit I setting forth the Installed Capacity on the Commercial Operation Date;

(b) A Participating Generator Agreement, Dynamic Scheduling Agreement, Dynamic Imports Operating Agreement, and, if applicable, a Meter Service Agreement between Seller, Seller's Scheduling Coordinator or the Balancing Authority for the Facility and CAISO shall have been executed and delivered and be in full force and effect, and a copy of each such agreement delivered to Buyer;

(c) An Interconnection Agreement between Seller and the PTO shall have been executed and delivered and be in full force and effect and a copy of the Interconnection Agreement delivered to Buyer;

(d) All required regulatory authorizations, approvals and permits for the operation of the Facility have been obtained and shall be in full force and effect, and all conditions thereof that are capable of being satisfied on the Commercial Operation Date have been satisfied;

(e) Seller has received CEC Precertification of the Facility (and reasonably expects to receive final CEC Certification and Verification for the Facility in no more than one hundred eighty (180) days from the Commercial Operation Date);

(f) Seller (with the reasonable participation of Buyer) shall have completed all applicable WREGIS registration requirements that are reasonably capable of being complete prior to the Commercial Operation Date under WREGIS rules, including (as applicable) the completion and submittal of all applicable registration forms and supporting documentation, which may include applicable interconnection agreements, informational surveys related to the Facility, QRE

service agreements, and other appropriate documentation required to effect Facility registration with WREGIS and to enable Renewable Energy Credit transfers related to the Facility within the WREGIS system;

(g) Seller has completed all CAISO requirements for delivery of Energy from the Facility to the CAISO Grid, including as may be required under Seller's Participating Generator Agreement, Dynamic Scheduling Agreement, Dynamic Imports Operating Agreement, and, if applicable, Meter Service Agreement;

(h) Seller shall have caused the Facility to be included in the Full Network Model and has the ability to offer Bids into the CAISO Day-Ahead and Real-Time markets in respect of the Facility;

(i) Seller (or its Affiliate, if a sharing arrangement permitted by this Agreement is in effect) has obtained all real property rights, including Site Control, required for the operation of the Facility during the Delivery Term, and Seller has provided evidence of such rights to Buyer;

(j) Insurance requirements for the Facility pursuant to Article 17 have been met, with evidence provided in writing to Buyer;

(k) Seller has certified in writing to Buyer that Seller has complied with the Workforce Requirements in Section 13.4 and provided reasonably requested documentation demonstrating such compliance as set forth in Section 13.4;

(l) Seller has delivered the Performance Security to Buyer in accordance with Section 8.8; and

(m) Seller has paid Buyer for all amounts owing under this Agreement as of the Commercial Operation Date, if any, including Construction Delay Damages, and Commercial Operation Delay Damages.

2.3 Development; Construction; Progress Reports. Following the Effective Date, Seller shall provide a Progress Report to Buyer every three months until the Expected Construction Start Date, and after the Expected Construction Start Date, Seller shall provide a monthly Progress Report to Buyer for each calendar month until the Commercial Operation Date and agrees to regularly scheduled meetings between representatives of Buyer and Seller to review such monthly reports and discuss Seller's construction progress. The form of the Progress Report is set forth in Exhibit E. Seller shall also provide Buyer with any reasonable requested documentation (subject to confidentiality restrictions) directly related to the achievement of Milestones within ten (10) Business Days of receipt of such request by Seller. For the avoidance of doubt, as between Seller and Buyer, Seller is solely responsible for the design and construction of the Facility, including the location of the Site, obtaining all permits and approvals to build the Facility, the Facility layout, and the selection and procurement of the equipment comprising the Facility.

2.4 Remedial Action Plan. If Seller misses three (3) or more Milestones, or misses any one (1) by more than ninety (90) days, except as the result of Force Majeure Event or Buyer Default, Seller shall submit to Buyer, within ten (10) Business Days of such missed Milestone completion date, a remedial action plan ("**Remedial Action Plan**"), which will describe in detail

any delays (actual or anticipated) beyond the scheduled Milestone dates, including the cause of the delay (e.g., governmental approvals, financing, property acquisition, design activities, equipment procurement, project construction, interconnection, or any other factor), Seller's detailed description of its proposed course of action to achieve the missed Milestones and all subsequent Milestones by the Guaranteed Commercial Operation Date; provided, that delivery of any Remedial Action Plan shall not relieve Seller of its obligation to provide Remedial Action Plans with respect to any subsequent Milestones and to achieve the Guaranteed Commercial Operation Date in accordance with the terms of this Agreement. Subject to the provisions of Exhibit B, so long as Seller complies with its obligations under this Section 2.4, Seller shall not be considered in default of its obligations under this Agreement solely as a result of missing any Milestone; provided, that if Seller misses any Milestones and cannot reasonably demonstrate a plan for completing the Facility by the Guaranteed COD, Buyer shall have the right to terminate the PPA and retain the Development Security as damages, in addition to any other remedies it may have at law or equity.

2.5 **Reserved.**

[REDACTED]

[REDACTED]

[REDACTED]

**ARTICLE 3
PURCHASE AND SALE**

3.1 **Purchase and Sale of Product.**

(a) In accordance with and subject to the terms and conditions of this Agreement, at all times during the Delivery Term Seller shall sell and deliver to Buyer at the Delivery Point, and Buyer shall purchase and accept from Seller at the Delivery Point, the Facility

Energy delivered to the Delivery Point and the Product produced by or associated with the Facility Energy.

(b) Notwithstanding the foregoing:

(i) Seller's obligation to sell and deliver Facility Energy to Buyer at the Delivery Point shall be excused during the pendency of, and to the extent required by (A) a Force Majeure Event or System Emergency, or (B) a Curtailment Period; provided that such Curtailment Period is not attributable to Seller's breach of its obligations under this Agreement, (or as necessary to maintain health and safety pursuant to Section 6.2;

(ii) Buyer's obligation to accept Facility Energy at the Delivery Point shall be excused during the pendency of, and to the extent required by (A) a Force Majeure Event or System Emergency, or (B) a Curtailment Period; and

(iii) Buyer's obligation to make payment for Facility Energy and all of the remaining Product from Seller under this Agreement shall be excused during the pendency of, and to the extent required by (A) a Force Majeure Event, (B) a Curtailment Period, or (C) a period of Buyer suspension due to a Seller Default pursuant to Section 11.1.

(c) Buyer will have exclusive rights to offer, bid, or otherwise submit the Product, or any component thereof, from the Facility after the Delivery Point for resale in the market or to any third party, and retain and receive any and all related revenues.

(d) Buyer has no obligation to purchase from Seller any Product for which the associated Facility Energy is not or cannot be delivered to the Delivery Point as a result of an outage of the Facility, a Force Majeure Event, or a Curtailment Order.

3.2 **Compensation.** Buyer shall pay Seller for the Product in accordance with Exhibit C.

3.3 **Sale of Green Attributes.** During the Delivery Term, Seller shall sell and deliver to Buyer, and Buyer shall purchase and receive from Seller, all Green Attributes attributable to the Facility Energy.

3.4 **Ownership of Renewable Energy Incentives.** Seller shall have all right, title and interest in and to all Renewable Energy Incentives. Buyer acknowledges that any Renewable Energy Incentives belong to Seller. If any Renewable Energy Incentives, or values representing the same, are initially credited or paid to Buyer, Buyer shall cause such Renewable Energy Incentives or values relating to same to be assigned or transferred to Seller without delay. Buyer shall reasonably cooperate with Seller, at Seller's sole expense, in Seller's efforts to meet the requirements for any certification, registration, or reporting program relating to Renewable Energy Incentives.

3.5 **Future Environmental Attributes.**

(a) The Parties acknowledge and agree that as of the Effective Date, environmental attributes sold under this Agreement are restricted to Green Attributes; however,

Future Environmental Attributes may be created by a Governmental Authority through Laws enacted after the Effective Date. Subject to the final sentence of this Section 3.5(a), and Sections 3.5(b) and 3.12, in such event, Buyer shall bear all costs and risks associated with the transfer, qualification, verification, registration and ongoing compliance for such Future Environmental Attributes associated with the Product, but there shall be no increase in the Contract Price. Upon Seller's receipt of Notice from Buyer of Buyer's intent to claim such Future Environmental Attributes, the Parties shall determine the necessary actions and additional costs associated with such Future Environmental Attributes. Seller shall have no obligation to alter the Facility or the operation of the Facility unless the Parties have agreed on all necessary terms and conditions relating to such alteration or change in operation and Buyer has agreed to reimburse Seller for all costs, losses, and liabilities associated with such alteration or change in operation.

(b) If Buyer elects to receive Future Environmental Attributes pursuant to Section 3.5(a), the Parties agree to negotiate in good faith with respect to the development of further agreements and documentation necessary to effectuate the transfer of such Future Environmental Attributes, including agreement with respect to (i) appropriate transfer, delivery and risk of loss mechanisms, and (ii) appropriate allocation of any additional costs to Buyer, as set forth above (in any event subject to Section 3.12); *provided*, that the Parties acknowledge and agree that such terms are not intended to alter the other material terms of this Agreement.

3.6 **Additional Products**. The Parties acknowledge and agree during the Delivery Term, new or incremental opportunities may arise for the sale or transfer of additional products from the Facility that are not currently known to or contemplated by the Buyer or Seller, including reactive power, and additional ancillary services (collectively, "**Additional Products**"). In such event, Buyer shall bear all costs associated with the transfer, qualification, verification, registration and ongoing compliance for Buyer's Share of such Additional Products, but there shall be no increase in the Contract Price. Upon Seller's receipt of Notice from Buyer of Buyer's intent to claim Buyer's Share of such Additional Products, the Parties shall determine the necessary actions and additional costs associated with such Additional Products. Seller shall have no obligation to alter the Facility or change the Operating Restrictions unless the Parties have agreed on all necessary terms and conditions relating to such alteration and Buyer has agreed to reimburse Seller for Buyer's Share of all costs, losses, and liabilities associated with such alteration. The Parties agree to negotiate in good faith with respect to the development of further agreements and documentation necessary to effectuate the transfer of Buyer's Share of such Additional Products, including agreement with respect to (i) appropriate transfer, delivery and risk of loss mechanisms, and (ii) appropriate allocation of any additional costs to Buyer, as set forth above; *provided*, that the Parties acknowledge and agree that such terms are not intended to alter the other material terms of this Agreement, require Seller to make material modifications to the Facility or material upgrades or other material modifications to any interconnection or transmission facilities (other than those for which Buyer has agreed to fund), require Seller to reduce the generation of Facility Energy and delivery thereof to the Interconnection Point (or restrict Seller's flexibility in offering, bidding, planning and scheduling such energy), or interfere with qualification, offering, bidding, planning, scheduling or other disposition of Green Attributes.

For greater clarity, the CPUC has adopted a Slice of Day reform (D.22-06-050), which may result in changes to the Resource Adequacy Benefits. These additional attributes shall be deemed part of the Capacity Attributes, as well as any further CPUC clarification or modification of the Slice of

Day reforms, and will not be considered Additional Products.

3.7 **Capacity Attributes.** Seller shall be responsible for the cost and installation of any Network Upgrades and all costs associated with securing firm transmission service to deliver Facility Energy to the Delivery Point as required to obtain Resource-Specific Import RA status from this Dynamic Resource-Specific System Resource.

(a) Throughout the Delivery Term, Seller grants, pledges, assigns and otherwise commits to Buyer all the Capacity Attributes from the Facility up to the Buyer's Contract Capacity.

(b) Buyer shall be entitled to all Capacity Attributes, if any, associated with the Facility up to the Buyer's Contract Capacity during the Delivery Term. The consideration for all such Capacity Attributes is included within the Contract Price. Seller transfers to Buyer, and Buyer accepts from Seller, any right, title, and interest that Seller may have in and to Capacity Attributes associated with Buyer's Contract Capacity, if any, existing during the Delivery Term.

(c) Throughout the Delivery Term, Seller shall maintain firm transmission service rights from the Facility to the CAISO and shall perform all actions reasonably necessary to ensure that the Facility qualifies to provide Resource Adequacy Benefits to Seller. Throughout the Delivery Term, Seller hereby covenants and agrees to transfer all Resource Adequacy Benefits to Buyer.

(d) During the Delivery Term, Seller shall not sell or attempt to sell to any other Person the Capacity Attributes committed to Buyer, if any, and Seller shall not report to any person or entity that such Capacity Attributes, if any, belong to anyone other than Buyer. Buyer may, at its own risk and expense, report to any person or entity that Capacity Attributes belong exclusively to Buyer.

(e) For the duration of the Delivery Term, Seller shall take all reasonable actions, including complying with all applicable registration and reporting requirements, and execute all documents or instruments necessary to enable Buyer to use all of the Capacity Attributes committed by Seller to Buyer pursuant to this Agreement, including submitting Supply Plans in accordance with CAISO and CPUC requirements.

(f) No later than the Notification Deadline corresponding to the Showing Month of the Delivery Term, Seller shall submit, or cause the Facility's Scheduling Coordinator to submit, Supply Plans to identify and confirm the Resource Adequacy Benefits for Buyer for each Showing Month. Resource Adequacy Benefits are delivered and received when the CIRA Tool shows that the Supply Plans have been accepted by the CAISO. If CAISO rejects either the Supply Plan or Buyer's Resource Adequacy Plans with respect to the Resource Adequacy Benefits in any Showing Month, the Parties will confer, make such corrections as are necessary for acceptance, and resubmit the corrected Supply Plan or Resource Adequacy Plan for validation before the applicable compliance deadlines.

(g) At Buyer's request Seller shall: (i) execute such documents and instruments as may be reasonably required to effect recognition and transfer of the Capacity Attributes, if any, to Buyer and (ii) cooperate reasonably with Buyer in order that Buyer may satisfy the Resource

Adequacy requirements, if any, including (A) assisting Buyer in registering the Facility with the CAISO so that the Capacity Attributes are able to be recognized and counted for Resource Adequacy purposes, (B) assist Buyer in making such annual submissions to CAISO associated with establishing the correct quantity of Capacity Attributes, (C) coordinating with Buyer on the submission to the CAISO submissions (or corrections), as required by the CAISO Tariff, and (D) providing CAISO all necessary information for annual and other outage planning. Seller shall deliver such documents, instruments, submissions and information as may be requested by Buyer in connection with the Capacity Attributes and Resource Adequacy Benefits; provided that in responding to any such requests, Seller shall have no obligation to provide any consent, certification, representation, information or other document, or enter into any agreement, that adversely affects, or could reasonably be expected to have or result in an adverse effect on, any of Seller's rights, benefits, risks and/or obligations under this Agreement.

(h) At all times during the Delivery Term, Seller shall install such meters and power electronics as are necessary so that Ancillary Services and Capacity Attributes may be provided from the Facility by Buyer; provided, however, that Seller has no obligation to provide any Ancillary Services that would require a change in the Facility's operations.

(i) Either Party may request a change to the Delivery Point, subject to the prior written approval of the other Party, with such approval not to be unreasonably withheld, conditioned or delayed.

3.8 Resource Adequacy Failure.

(a) RA Deficiency Determination. For each RA Shortfall Month, Seller shall pay to Buyer the RA Deficiency Amount as liquidated damages or provide Replacement RA, in each case, as the sole and exclusive remedy for the Capacity Attributes Seller failed to convey to Buyer.

(b) RA Deficiency Amount Calculation. For each RA Shortfall Month occurring after the RA Guarantee Date, Seller shall pay to Buyer an amount (the "RA Deficiency Amount") equal to the product of (i) the difference, expressed in kW, of (A) the Guaranteed RA Amount for such month, minus (B) the Net Qualifying Capacity for such month able to be shown on Buyer's monthly RA Plan to the CAISO and CPUC and counted as System Resource Adequacy Benefits, and if applicable, Local Resource Adequacy (the "RA Shortfall Amount"), *multiplied by*

provided that Seller may, as an alternative to paying RA Deficiency Amounts, deliver Replacement RA to Buyer in an amount equal to all or a portion of the RA Shortfall Amount, provided that the Replacement RA capacity is communicated by Seller to Buyer with Replacement RA product information in a written notice substantially in the form of Exhibit M prior to the Notification Deadline, and further provided that such Replacement RA shall be required to comply with the requirements of D.21-06-035, and in addition, meet the same sub-category attributes if contracted for one of the sub-categories of D.21-06-035, only to the extent required for the Product purchased hereunder to be applied towards Buyer's compliance with its procurement obligations under D.21-06-035 as confirmed through a decision, resolution, publicly issued guidance

document, letter from the CPUC Executive Director, or other communication of approval or confirmation mutually agreed to by the Parties.

3.9 **CEC Certification and Verification.** Seller shall take all necessary steps including, but not limited to, making or supporting timely filings with the CEC to obtain and maintain CEC Certification and Verification for the Facility throughout the Delivery Term, including compliance with all applicable requirements for certified facilities set forth in the current version of the *RPS Eligibility Guidebook* (or its successor). Seller shall obtain CEC Precertification by the Commercial Operation Date. Within thirty (30) days after the Commercial Operation Date, Seller shall apply with the CEC for final CEC Certification and Verification. Within one hundred eighty (180) days after the Commercial Operation Date, which deadline will be extended on a day-for-day basis if there is a delay in CEC Certification and Verification and that delay is caused by any reason other than an act or omission of Seller, Seller shall obtain and maintain throughout the remainder of the Delivery Term the final CEC Certification and Verification. Seller must promptly notify Buyer and the CEC of any changes to the information included in Seller's application for CEC Certification and Verification for the Facility.

3.10 **CPUC Mid-Term Reliability Requirements.**

(a) Seller acknowledges that Buyer intends to use this Agreement to comply with mandatory procurement obligations for incremental capacity pursuant to CPUC D.21-06-035. Seller represents and warrants to Buyer that commencing on the Effective Date and continuing throughout the Contract Term:

(i) The Facility is a new energy generating resource or new resource expansion that is located within the WECC and that is considered by the State of California to have zero greenhouse gas emissions in accordance with the Cap and Trade Regulations;

(ii) Seller has the right to sell the Product from the Facility;

(iii) The Product complies with all eligibility and counting rules of the resource adequacy program, including but not limited to import rules associated with the resource adequacy program, in place as of the date of execution of this Agreement;

(iv) The Product includes the exclusive right to claim Buyer's Contract Capacity of the Facility as an incremental resource for purposes of CPUC D.21-06-035;

(v) The Facility meets the requirements for a long lead-time resource as defined in Ordering Paragraph 2 of CPUC D.21-06-035, including that such resource has no on-site emissions or otherwise qualifies under the California Renewable Portfolio Standard (RPS) program eligibility rules as PCC1, has at least an eighty percent (80%) annual capacity factor, is not use limited or weather dependent, and is incremental to the CPUC's baseline list;

(vi) Seller has not sold the Product, including the right to claim Buyer's Contract Capacity as an incremental resource for purposes of CPUC D.21-06-035, to any other person or entity; and

(vii) The Product is free and clear of all liens and other encumbrances.

(b) In furtherance of Buyer's compliance and reporting obligations related to the foregoing, and without limiting Seller's obligations under any other provision of this Agreement, Seller agrees to provide documentation reasonably requested by Buyer in connection with such compliance obligations, including but not limited to the following:

(i) Evidence of interconnection, site control, notice to proceed with construction, and other evidence of construction status and progress towards Commercial Operation;

(ii) Engineering assessments demonstrating that the Facility has at least an eighty percent (80%) annual capacity factor; and

(iii) Any other engineering assessments, contractual support, or other documentation required or requested by the CPUC to demonstrate the Facility meets the requirements of CPUC D.21-06-035 and related decisions and guidance.

3.11 **Non-Modifiable Standard Terms and Conditions.**

(a) Eligibility: Seller, and, if applicable, its successors, represents and warrants that throughout the Delivery Term of this Agreement that: (i) the Project qualifies and is certified by the CEC as an Eligible Renewable Energy Resource ("ERR") as such term is defined in Public Utilities Code Section 399.12 or Section 399.16; and (ii) the Project's output delivered to Buyer qualifies under the requirements of the California Renewables Portfolio Standard. To the extent a change in law occurs after execution of this Agreement that causes this representation and warranty to be materially false or misleading, it shall not be an Event of Default if Seller has used commercially reasonable efforts to comply with such change in law. [STC 6].

(b) Transfer of Renewable Energy Credits: Seller and, if applicable, its successors, represents and warrants that throughout the Delivery Term of this Agreement the Renewable Energy Credits transferred to Buyer conform to the definition and attributes required for compliance with the California Renewables Portfolio Standard, as set forth in California Public Utilities Commission Decision 08-08-028, and as may be modified by subsequent decision of the California Public Utilities Commission or by subsequent legislation. To the extent a change in law occurs after execution of this Agreement that causes this representation and warranty to be materially false or misleading, it shall not be an Event of Default if Seller has used commercially reasonable efforts to comply with such change in law. [STC REC-1].

(c) Tracking of RECs in WREGIS: Seller warrants that all necessary steps to allow the Renewable Energy Credits transferred to Buyer to be tracked in the Western Renewable Energy Generation Information System will be taken prior to the first delivery under the contract. [STC REC-2].

3.12 **Compliance Expenditure Cap.**

(a) The Parties acknowledge that an essential purpose of this Agreement is to provide renewable generation that meets the requirements of the California Renewables Portfolio Standard and Capacity Attributes to meet various compliance requirements, and that this Agreement is being used by Buyer to comply with mandatory procurement obligations of the

CPUC, and that Governmental Authorities, including the CEC, CPUC, CAISO and WREGIS, may undertake actions from time to time to implement a change in Law. Seller agrees to use commercially reasonable efforts to cooperate with Buyer with respect to any subsequently requested changes, modifications, or amendments to this Agreement needed to satisfy requirements of Governmental Authorities associated with changes in Law, including changes, modifications, or amendments to this Agreement to: (i) amend the Agreement to reflect any mandatory contractual language required by Governmental Authorities, including changes to the definition of Green Attributes and Capacity Attributes, or as may be required pursuant to CPUC D.21-06-035; (ii) require submission of any reports, data, or other information required by Governmental Authorities; (iii) provide additional documentation or information to respond to data requests from the CPUC or other Governmental Authorities; (iv) satisfy new compliance requirements of Governmental Authorities; or (v) take any other actions that may be requested by Buyer to assure that the Generating Facility is an Eligible Renewable Energy Resource under the California Renewables Portfolio Standard; provided that Seller shall have no obligation to modify this Agreement, or take other actions not required under this Agreement, if such modifications or actions would materially adversely affect, or could reasonably be expected to have or result in a material adverse effect on, any of Seller's rights, benefits, risks and/or obligations under this Agreement.

(b) If a change in Laws occurring after the Effective Date has increased Seller's known or reasonably expected costs and expenses to comply with Seller's obligations under this Agreement with respect to obtaining, maintaining, conveying or effectuating Buyer's use of (as applicable) any Product (any action required to be taken by Seller to comply with such change in Law, a "**Compliance Action**"), then the Parties agree that the maximum aggregate amount of costs and expenses Seller shall be required to bear during the Delivery Term to comply with all such Compliance Actions shall be capped at [REDACTED] of Buyer's Contract Capacity (the "**Compliance Expenditure Cap**"). Seller's internal administrative costs associated with obtaining, maintaining, conveying or effectuating Buyer's use of (as applicable) any Product are excluded from the Compliance Expenditure Cap.

(c) If Seller reasonably anticipates the need to incur costs and expenses in excess of the Compliance Expenditure Cap in order to take any Compliance Action, Seller shall provide Notice to Buyer of such anticipated costs and expenses.

(d) Buyer will have sixty (60) days to evaluate such Notice (during which time period Seller is not obligated to take any Compliance Actions described in the Notice) and shall, within such time, either (1) agree to reimburse Seller for all or some portion of the Compliance Costs that exceed the Compliance Expenditure Cap, as applicable (such Buyer-agreed upon costs, the "**Accepted Compliance Costs**"), or (2) waive Seller's obligation to take such Compliance Actions, or any part thereof for which Buyer has not agreed to reimburse Seller. If Buyer does not respond to a Notice given by Seller under this Section 3.12 within sixty (60) days after Buyer's receipt of same, Buyer shall be deemed to have waived its rights to require Seller to take the Compliance Actions that are the subject of the Notice, and Seller shall have no further obligation to take, and no liability for any failure to take, the Compliance Actions that are the subject of the Notice for the remainder of the Term.

(e) If Buyer agrees to reimburse Seller for the Accepted Compliance Costs, then Seller shall take such Compliance Actions covered by the Accepted Compliance Costs as agreed upon by the Parties and Buyer shall reimburse Seller for Seller's actual costs to effect the Compliance Actions, not to exceed the Accepted Compliance Costs, within sixty (60) days from the time that Buyer receives an invoice and documentation of such costs from Seller.

ARTICLE 4 OBLIGATIONS AND DELIVERIES

4.1 Delivery.

(a) Energy. Subject to the terms and conditions of this Agreement, Seller shall make available and Buyer shall accept all Facility Energy on an as-generated, instantaneous basis. Seller shall effectuate the delivery of Facility Energy through Dynamic Schedules, and shall be responsible for securing such arrangements with CAISO, the PTO and any other Transmission Provider as are necessary in connection therewith. Seller will be responsible for paying or satisfying when due any costs or charges imposed in connection with the delivery of Facility Energy to the Delivery Point, including without limitation, Station Use, Electrical Losses, and any operation and maintenance charges imposed on Seller by the Transmission Provider directly relating to the Facility's operations. The Facility Energy will be scheduled to the CAISO by Seller (or Seller's designated Scheduling Coordinator) in accordance with Exhibit D.

(b) Green Attributes. All Green Attributes associated with the Facility Energy during the Delivery Term are exclusively dedicated to and vested in Buyer. Seller represents and warrants that Seller holds the rights to all Green Attributes associated with the Facility Energy, and Seller agrees to convey and hereby conveys all such Green Attributes to Buyer as included in the delivery of the Product from the Facility.

4.2 Title and Risk of Loss.

(a) Energy. Title to and risk of loss related to the Facility Energy, shall pass and transfer from Seller to Buyer at the Delivery Point. Seller warrants that all Product delivered to Buyer is free and clear of all liens, security interests, claims and encumbrances of any kind.

(b) Green Attributes. Title to and risk of loss related to the Green Attributes shall pass and transfer from Seller to Buyer upon the transfer of such Green Attributes in accordance with WREGIS.

4.3 **Forecasting.** Seller shall provide the forecasts described below at its sole expense and in a format reasonably acceptable to Buyer (or Buyer's designee). Seller shall use reasonable efforts to provide forecasts that are accurate and, to the extent not inconsistent with the requirements of this Agreement, shall prepare such forecasts, or cause such forecasts to be prepared, in accordance with Prudent Operating Practices.

(a) Annual Forecast of Available Generating Capacity. No less than forty-five (45) days before (i) the first day of the first Contract Year of the Delivery Term and (ii) by September 15th of the prior calendar year for every subsequent Contract Year during the Delivery

Term, Seller shall provide to Buyer a non-binding forecast of each month's expected Available Generating Capacity, for the following calendar year.

(b) Monthly Forecast of Facility Energy and Available Generating Capacity. No less than thirty (30) days before the beginning of Commercial Operation, and thereafter ten (10) Business Days before the beginning of each month during the Delivery Term, Seller shall provide to Buyer a non-binding forecast of the expected Facility Energy and Available Generating Capacity for the month.

(c) Forced Facility Outages. Notwithstanding anything to the contrary herein, Seller shall promptly notify Buyer's on-duty Scheduling Coordinator of Forced Facility Outages and Seller shall keep Buyer informed of any developments that will affect either the duration of the outage or the availability of the Facility during or after the end of the outage.

4.4 Hourly Contract Quantity. During the Delivery Term, Seller shall use reasonable efforts to deliver at least the Hourly Contract Quantity (but not to exceed the Facility Energy) to Buyer, provided that Seller may adjust the Hourly Contract Quantity on a reasonable and pro-rata basis for (a) Planned Outages, Force Majeure Events, System Emergency, and non-economic curtailments by any transmission or interconnection provider, including Curtailment Orders, and (b) to reflect reasonably anticipated changes in Facility Energy due to ambient temperatures.

4.5 Reserved.

4.6 Reduction in Delivery Obligation. For the avoidance of doubt, and in no way limiting Section 3.1 or Exhibit G:

(a) Facility Maintenance. Subject to providing Buyer one-hundred twenty (120) days prior Notice, Seller shall be permitted to reduce deliveries of Product during any period of scheduled maintenance on the Facility previously agreed to between Buyer and Seller, in any Contract Year, provided that, between June 1st and September 30th, Seller shall not schedule non-emergency maintenance that reduces the Energy generation of the Facility by more than ten percent (10%), unless (i) such outage is required to avoid damage to the Facility, (ii) such maintenance is necessary to maintain equipment warranties and cannot be scheduled outside the period of June 1st to September 30th, (iii) such outage for inspection, preventative maintenance, corrective maintenance, or in accordance with Prudent Operating Practices, or (iv) the Parties agree otherwise in writing (each of the foregoing, (a) "Planned Outage"). Seller shall have ability to take a non-emergency outage during the period of June 1st and September 30th provided that CAISO approves such outage and Seller provides Replacement RA to Buyer. The Planned Outages in any Contract Year shall not exceed [REDACTED] hours.

(b) Forced Facility Outage. Seller shall be permitted to reduce deliveries of Product during any Forced Facility Outage. Seller shall provide Buyer with Notice and expected duration (if known) of any Forced Facility Outage.

(c) System Emergencies and other Interconnection Events. Seller shall be permitted to reduce deliveries of Product during any period of System Emergency, or upon Notice of a Curtailment Order pursuant to the terms of this Agreement, the Interconnection Agreement or applicable tariff.

(d) Force Majeure Event. Seller shall be permitted to reduce deliveries of Product during any Force Majeure Event.

(e) Health and Safety. Seller shall be permitted to reduce deliveries of Product as necessary to maintain health and safety pursuant to Section 6.2.

4.7 **Guaranteed Energy Production**. During each Performance Measurement Period, Seller shall deliver to Buyer an amount of Adjusted Energy Production in MWh equal to no less than the Guaranteed Energy Production. If Seller fails to achieve the Guaranteed Energy Production amount in any Performance Measurement Period, Seller shall pay Buyer damages calculated in accordance with Exhibit G.

4.8 **WREGIS**. Seller shall, take all actions and execute all documents or instruments necessary to ensure that all WREGIS Certificates associated with all Renewable Energy Credits corresponding to all Facility Energy are issued and tracked for purposes of satisfying the requirements of the California Renewables Portfolio Standard and transferred in a timely manner to Buyer for Buyer's sole benefit. Seller shall transfer the Renewable Energy Credits to Buyer. Seller shall comply with all Laws, including the WREGIS Operating Rules, regarding the certification and transfer of such WREGIS Certificates to Buyer and Buyer shall be given sole title to all such WREGIS Certificates. In addition:

(a) Prior to the Commercial Operation Date, Seller shall register the Facility with WREGIS and establish an account with WREGIS ("**Seller's WREGIS Account**"), which Seller shall maintain until the end of the Delivery Term. Seller shall transfer the WREGIS Certificates using "**Forward Certificate Transfers**" (as described in the WREGIS Operating Rules) from Seller's WREGIS Account to the WREGIS account(s) of Buyer or the account(s) of a designee that Buyer identifies by Notice to Seller ("**Buyer's WREGIS Account**"). Seller shall be responsible for all expenses associated with registering the Facility with WREGIS, establishing and maintaining Seller's WREGIS Account, paying WREGIS Certificate issuance and transfer fees, and transferring WREGIS Certificates from Seller's WREGIS Account to Buyer's WREGIS Account.

(b) Seller shall cause Forward Certificate Transfers to occur on a monthly basis in accordance with the certification procedure established by the WREGIS Operating Rules. Since WREGIS Certificates will only be created for whole MWh amounts of Facility Energy generated, any fractional MWh amounts (i.e., kWh) will be carried forward until sufficient generation is accumulated for the creation of a WREGIS Certificate. WREGIS Certificates must be matched with E-Tags associated with the Dynamic Schedules.

(c) Seller shall, at its sole expense, ensure that the WREGIS Certificates for a given calendar month correspond with the Facility Energy for such calendar month as evidenced by the Facility's metered data and matching E-Tags associated with the Dynamic Schedules. Seller shall ensure that no WREGIS Certificates are transferred to Buyer's WREGIS Account unless they are the result of Facility Energy and matched with E-Tags associated with the Dynamic Schedules. WREGIS Certificates without matching E-Tags will be rejected.

(d) Due to the ninety (90) day delay in the creation of WREGIS Certificates relative to the timing of invoice payment under Section 8.2, Buyer shall make an invoice payment for a given month in accordance with Section 8.2 before the WREGIS Certificates for such month are formally transferred to Buyer in accordance with the WREGIS Operating Rules and this Section 4.8. Notwithstanding this delay, Buyer shall have all right and title to all such WREGIS Certificates upon payment to Seller in accordance with Section 8.2.

(e) A “**WREGIS Certificate Deficit**” means any deficit or shortfall in WREGIS Certificates delivered to Buyer for a calendar month as compared to the Facility Energy for the same calendar month (“**Deficient Month**”) caused by an error or omission of Seller. If any WREGIS Certificate Deficit is caused, or the result of any action or inaction by Seller, then the amount of Energy in the Deficient Month shall be reduced by the amount of the WREGIS Certificate Deficit for purposes of calculating Buyer’s payment to Seller under Article 8 and the Guaranteed Energy Production for the applicable Contract Year; provided, however, that such adjustment shall not apply to the extent that Seller resolves the WREGIS Certificate Deficit within ninety (90) days after the Deficient Month. Without limiting Seller’s obligations under this Section 4.8, if a WREGIS Certificate Deficit is caused solely by an error or omission of WREGIS, the Parties shall cooperate in good faith to cause WREGIS to correct its error or omission.

(f) If WREGIS changes the WREGIS Operating Rules after the Effective Date or applies the WREGIS Operating Rules in a manner inconsistent with this Section 4.8 after the Effective Date, the Parties promptly shall modify this Section 4.8 as reasonably required to cause and enable Seller to transfer to Buyer’s WREGIS Account a quantity of WREGIS Certificates for each given calendar month that corresponds to the Facility Energy in the same calendar month.

4.9 **Green-e Certification.** Seller shall execute all documents or instruments reasonably required by Buyer in order for the Facility to be eligible for Green-E certification.

4.10 **Interconnection Capacity.** Seller shall be responsible for all costs of interconnecting the Facility to the Transmission System. Seller shall ensure that throughout the Delivery Term that (a) the Facility will have and maintain interconnection capacity available or allocable to the Facility under the Interconnection Agreement that is no less than the Guaranteed Capacity and (b) Seller shall have sufficient interconnection capacity and rights under the Interconnection Agreement to interconnect the Facility with the grid and to allow Seller to dispatch the Facility in accordance with the relevant tariff and as contemplated under this Agreement, including with respect to Resource Adequacy (collectively, the “**Dedicated Interconnection Capacity**”). Seller shall hold Buyer harmless from any penalties, imbalance energy charges, or other costs from CAISO or under the Agreement resulting from Seller’s inability to provide the Dedicated Interconnection Capacity.

ARTICLE 5 TAXES

5.1 **Allocation of Taxes and Charges.** Seller shall pay or cause to be paid all Taxes on or with respect to the Facility or on or with respect to the sale and making available of Product to Buyer, that are imposed on Product prior to its delivery to Buyer at the time and place contemplated under this Agreement. Buyer shall pay or cause to be paid all Taxes on or with

respect to the delivery to and purchase by Buyer of Product that are imposed on Product at and after its delivery to Buyer at the time and place contemplated under this Agreement (other than withholding or other Taxes imposed on Seller's income, revenue, receipts or employees), if any. If a Party is required to remit or pay Taxes that are the other Party's responsibility hereunder, such Party shall promptly pay the Taxes due and then seek and receive reimbursement from the other for such Taxes. In the event any sale of Product hereunder is exempt from or not subject to any particular Tax, Buyer shall provide Seller with all necessary documentation within thirty (30) days after the Effective Date to evidence such exemption or exclusion. If Buyer does not provide such documentation, then Buyer shall indemnify, defend, and hold Seller harmless from any liability with respect to Taxes from which Buyer claims it is exempt.

5.2 **Cooperation**. Each Party shall use reasonable efforts to implement the provisions of and administer this Agreement in accordance with the intent of the Parties to minimize all Taxes, so long as no Party is materially adversely affected by such efforts. The Parties shall cooperate to minimize Tax exposure; *provided, however*, that neither Party shall be obligated to incur any financial or operational burden to reduce Taxes for which the other Party is responsible hereunder without receiving due compensation therefor from the other Party. All Product delivered by Seller to Buyer hereunder shall be a sale made at wholesale, with Buyer reselling such Product.

ARTICLE 6 MAINTENANCE OF THE FACILITY

6.1 **Maintenance of the Facility**. Seller shall comply with Law and Prudent Operating Practice relating to the operation and maintenance of the Facility and the generation and sale of Product.

6.2 **Maintenance of Health and Safety**. Seller shall take reasonable safety precautions with respect to the operation, maintenance, repair and replacement of the Facility. If Seller becomes aware of any circumstances relating to the Facility that create an imminent risk of damage or injury to any Person or any Person's property, Seller shall take prompt, reasonable action to prevent such damage or injury and shall give Notice to Buyer's emergency contact identified on Exhibit N of such condition. Such action may include, to the extent reasonably necessary, disconnecting and removing all or a portion of the Facility, or suspending the supply of Facility Energy to Buyer.

6.3 **Shared Facilities**. The Parties acknowledge and agree that certain of the Shared Facilities and Interconnection Facilities (including a transformer, substation and associated equipment and real property), and Seller's rights and obligations under the Interconnection Agreement, may be subject to certain shared facilities or co-tenancy agreements ("**Shared Facilities Agreements**") to be entered into among Seller, the Participating Transmission Owner, Seller's Affiliates, or third parties pursuant to which certain Interconnection Facilities may be subject to joint ownership and shared maintenance and operation arrangements; *provided* that such Shared Facilities Agreements (i) shall permit Seller to perform or satisfy, and shall not purport to limit, its obligations hereunder, including providing the Dedicated Interconnection Capacity, (ii) continue to provide for separate metering and a separate Resource ID for the Facility, and (iii) shall not allow any Affiliate of Seller or third party to use the Dedicated Interconnection Capacity if such use would have an adverse impact on Buyer's rights under this Agreement. Seller shall hold

Buyer harmless from any losses from under this Agreement resulting from a third party's use of the Dedicated Interconnection Capacity.

ARTICLE 7 METERING

7.1 **Metering.** Seller shall measure the amount of Facility Energy using the Facility Meter. All meters will be operated pursuant to applicable CAISO-approved calculation methodologies and maintained as Seller's cost. Subject to meeting any applicable CAISO requirements, the Facility Meter shall be programmed to adjust for Electrical Losses and Station Use from the Facility to the Delivery Point in a manner subject to Buyer's prior written approval, not to be unreasonably withheld. Metering will be consistent with the Metering Diagram to be set forth as Exhibit P, an updated version of which shall be provided by Seller to Buyer at least thirty (30) days prior to Commercial Operation. Each meter shall be kept under seal, such seals to be broken only when the meters are to be tested, adjusted, modified or relocated. In the event Seller breaks a seal, Seller shall notify Buyer as soon as practicable. In addition, Seller hereby agrees to provide all meter data to Buyer in a form reasonably acceptable to Buyer, and consents to Buyer obtaining from CAISO the CAISO meter data directly relating to the Facility and all inspection, testing and calibration data and reports. Seller and Seller's Scheduling Coordinator shall cooperate to allow both Buyer to retrieve the meter reads from the CAISO Operational Meter Analysis and Reporting (OMAR) web or directly from the CAISO meter(s) at the Facility.

7.2 **Meter Verification.** Annually, if Seller has reason to believe there may be a meter malfunction, or upon Buyer's reasonable request, Seller shall test the meter. The tests shall be conducted by independent third parties qualified to conduct such tests. Buyer shall be notified seven (7) days in advance of such tests and have a right to be present during such tests. If a meter is inaccurate it shall be promptly repaired or replaced.

ARTICLE 8 INVOICING AND PAYMENT; CREDIT

8.1 **Invoicing.** Seller shall use reasonable efforts to deliver an invoice to Buyer within fifteen (15) days after the end of the prior monthly delivery period. Each invoice shall reflect (a) records of metered data, including CAISO metering and transaction data sufficient to document and verify the amount of Product delivered by the Facility for any Settlement Period during the preceding month, including the amount of Energy produced by the Facility as set forth in the first CAISO settlement statement for the prior month that includes meter data from the Approved Meter; (b) the applicable Contract Price; (c) a reconciliation in .xlsx format of hourly meter data, E-Tag data and associated calculations, including the lesser of each by hour in the format set forth in Form of Hourly Meter and E-Tag Reconciliation Report attached as Exhibit T, or as otherwise requested by Buyer, plus any additional data as may be reasonably required by Buyer for compliance with CPUC reporting obligations, including pursuant to the CPUC's Energy Division Portfolio Content Category Classification Review Handbook (or successor publication); (d) a statement of the quantity of WREGIS Certificates transferred during the prior month that have been matched with E-Tags associated with the Dynamic Schedules, and (e) any additional information reasonably requested by Buyer. Seller shall provide Buyer access to any records, including invoices or settlement data from the CAISO, necessary to verify the accuracy of any

amount. Each invoice shall be in an electronic format specified by Buyer (e.g., PDF, .xlsx).

8.2 **Payment.** Buyer shall make payment to Seller for Product by wire transfer or ACH payment to the bank account designated by Seller in Exhibit N, which may be updated by Seller by Notice hereunder; provided, however, that changes to invoice, payment, wire transfer and other banking information in the Agreement must be made in writing and delivered via certified mail and shall include contact information for an authorized person who is available by telephone to verify the authenticity of such requested changes to the Agreement. Buyer shall pay undisputed invoice amounts within thirty (30) days after receipt of the invoice, or the end of the prior monthly billing period, whichever is later. If such due date falls on a weekend or legal holiday, such due date shall be the next Business Day. Payments made after the due date will be considered late and will bear interest on the unpaid balance. If the amount due is not paid on or before the due date or if any other payment that is due and owing from one Party to another is not paid on or before its applicable due date, a late payment charge shall be applied to the unpaid balance and shall be added to the next billing statement. Such late payment charge shall be calculated based on the lowest Secured Overnight Financing Rate (SOFR) rate as most recently published prior to the date of the invoice, plus two percent (2%) (the “**Interest Rate**”). If the due date occurs on a day that is not a Business Day, the late payment charge shall begin to accrue on the next succeeding Business Day.

8.3 **Books and Records.** To facilitate payment and verification, each Party shall maintain all books and records necessary for billing and payments, including copies of all invoices under this Agreement, for a period of at least two (2) years or as otherwise required by Law. Upon ten (10) Business Days’ Notice to the other Party, either Party shall be granted reasonable access to the accounting books and records within the possession or control of the other Party pertaining to all invoices generated pursuant to this Agreement. Seller acknowledges that in accordance with California Government Code Section 8546.7, Seller may be subject to audit by the California State Auditor with regard to Seller’s performance of this Agreement because the compensation under this Agreement exceeds Ten Thousand Dollars (\$10,000).

8.4 **Payment Adjustments; Billing Errors.** Payment adjustments shall be made if Buyer or Seller discovers there have been good faith inaccuracies in invoicing that are not otherwise disputed under Section 8.5 or an adjustment to an amount previously invoiced or paid is required due to a correction of data by the CAISO; provided, however, that except to the extent recognized by and resulting in an adjustment by CAISO, there shall be no adjustments to prior invoices based upon meter inaccuracies. If the required adjustment is in favor of Buyer, Buyer’s next monthly payment shall be credited in an amount equal to the adjustment. If the required adjustment is in favor of Seller, Seller shall add the adjustment amount to Buyer’s next monthly invoice. Adjustments in favor of either Buyer or Seller shall bear interest, until settled in full, in accordance with Section 8.2, accruing from the date on which the adjusted amount should have been due.

8.5 **Billing Disputes.** A Party may, in good faith, dispute the correctness of any invoice or any adjustment to an invoice rendered under this Agreement or adjust any invoice for any arithmetic or computational error within twelve (12) months of the date the invoice, or adjustment to an invoice, was rendered. In the event an invoice or portion thereof, or any other claim or adjustment arising hereunder, is disputed, payment of the undisputed portion of the invoice shall

be required to be made when due. Any invoice dispute or invoice adjustment shall be in writing and shall state the basis for the dispute or adjustment. Payment of the disputed amount shall not be required until the dispute is resolved. Upon resolution of the dispute, any required payment shall be made within five (5) Business Days of such resolution along with interest accrued at the Interest Rate from and including the original due date to but excluding the date paid. Inadvertent overpayments shall be returned via adjustments in accordance with Section 8.4. Any dispute with respect to an invoice is waived if the other Party is not notified in accordance with this Section 8.5 within twelve (12) months after the invoice is rendered or subsequently adjusted, except to the extent any misinformation was from a third party not affiliated with any Party and such third party corrects its information after the twelve-month period. If an invoice is not rendered within twelve (12) months after the close of the month during which performance occurred, the right to payment for such performance is waived.

8.6 **Netting of Payments.** The Parties hereby agree that they shall discharge mutual debts and payment obligations due and owing to each other on the same date through netting, in which case all amounts owed by each Party to the other Party for the purchase and sale of Product during the monthly billing period under this Agreement or otherwise arising out of this Agreement, including any related damages calculated pursuant to Exhibit B, interest, and payments or credits, shall be netted so that only the excess amount remaining due shall be paid by the Party who owes it.

8.7 **Seller's Development Security.** To secure its obligations under this Agreement, Seller shall deliver the Development Security to Buyer within thirty (30) days after the Effective Date. Seller may replace Development Security or change the form of Development Security to another permitted form of Development Security from time to time upon reasonable prior written notice to Buyer. Seller shall maintain the Development Security in full force and effect and Seller shall within five (5) Business Days after any draw thereon replenish the Development Security in the event Buyer collects or draws down any portion of the Development Security for any reason permitted under this Agreement other than to satisfy a Damage Payment or a Termination Payment. Upon the earlier of (i) Seller's delivery of the Performance Security, or (ii) sixty (60) days after termination of this Agreement, Buyer shall return the Development Security to Seller, less the amounts drawn in accordance with this Agreement. If the Development Security is a Letter of Credit and the issuer of such Letter of Credit (i) fails to maintain the minimum Credit Rating specified in the definition of Letter of Credit, (ii) indicates its intent not to renew such Letter of Credit and such Letter of Credit expires prior to the Commercial Operation Date, or (iii) fails to honor Buyer's properly documented request to draw on such Letter of Credit by such issuer, Seller shall have ten (10) Business Days to either post cash or deliver a substitute Letter of Credit that otherwise meets the requirements set forth in the definition of Development Security.

8.8 **Seller's Performance Security.** To secure its obligations under this Agreement, Seller shall deliver Performance Security to Buyer on or before the Commercial Operation Date. Seller may replace Performance Security or change the form of Performance Security to another permitted form of Performance Security from time to time upon reasonable prior written notice to Buyer. If the Performance Security is a Guaranty, it shall be substantially in the form set forth in Exhibit L. Seller shall maintain the Performance Security in full force and effect, subject to any draws made by Buyer in accordance with this Agreement, until the following have occurred: (A) the Delivery Term has expired or terminated early; and (B) all payment obligations of the Seller

then due and payable under this Agreement, including compensation for penalties, Termination Payment, indemnification payments or other damages are paid in full (whether directly or indirectly such as through set-off or netting). Following the occurrence of both events, Buyer shall promptly return to Seller the unused portion of the Performance Security. If the Performance Security is a Letter of Credit and the issuer of such Letter of Credit (i) fails to maintain the minimum Credit Rating set forth in the definition of Letter of Credit, (ii) indicates its intent not to renew such Letter of Credit and such Letter of Credit expires prior to the Commercial Operation Date, or (iii) fails to honor Buyer's properly documented request to draw on such Letter of Credit by such issuer, Seller shall have ten (10) Business Days to either post cash or deliver a substitute Letter of Credit that meets the requirements set forth in the definition of Performance Security. Seller may at its option exchange one permitted form of Development Security or Performance Security for another permitted form of Development Security or Performance Security, as applicable.

8.9 First Priority Security Interest in Cash or Cash Equivalent Collateral. To secure its obligations under this Agreement, and until released as provided herein, Seller hereby grants to Buyer a present and continuing first-priority security interest ("**Security Interest**") in, and lien on (and right to net against), and assignment of the Development Security, Performance Security, any other cash collateral and cash equivalent collateral posted pursuant to Sections 8.7 and 8.8 and any and all interest thereon or proceeds resulting therefrom or from the liquidation thereof, whether now or hereafter held by, on behalf of, or for the benefit of Buyer, and Seller agrees to take all action as Buyer reasonably requires in order to perfect Buyer's Security Interest in, and lien on (and right to net against), such collateral and any and all proceeds resulting therefrom or from the liquidation thereof.

Upon or any time after the occurrence of an Event of Default caused by Seller, an Early Termination Date resulting from an Event of Default caused by Seller, or an occasion provided for in this Agreement where Buyer is authorized to retain all or a portion of the Development Security or Performance Security, Buyer may do any one or more of the following (in each case subject to the final sentence of this Section 8.9):

- (a) Exercise any of its rights and remedies with respect to the Development Security and Performance Security, including any such rights and remedies under Law then in effect;
- (b) Draw on any outstanding Letter of Credit issued for its benefit and retain any cash held by Buyer as Development Security or Performance Security; and
- (c) Liquidate all Development Security or Performance Security (as applicable) then held by or for the benefit of Buyer free from any claim or right of any nature whatsoever of Seller, including any equity or right of purchase or redemption by Seller.

Buyer shall apply the proceeds of the collateral realized upon the exercise of any such rights or remedies to reduce Seller's obligations under this Agreement (Seller remains liable for any amounts owing to Buyer after such application), subject to Buyer's obligation to return any surplus proceeds remaining after these obligations are satisfied in full.

8.10 **Financial Statements.** In the event a Guaranty is provided as Performance Security in lieu of cash or a Letter of Credit, Seller shall provide to Buyer, or cause the Guarantor to provide to Buyer, unaudited quarterly and annual audited financial statements of the Guarantor (including a balance sheet and statements of income and cash flows), all prepared in accordance with generally accepted accounting principles in the United States, consistently applied.

ARTICLE 9 NOTICES

9.1 **Addresses for the Delivery of Notices** Any Notice required, permitted, or contemplated hereunder shall be in writing, shall be addressed to the Party to be notified at the address set forth on Exhibit N or at such other address or addresses as a Party may designate for itself from time to time by Notice hereunder.

9.2 **Acceptable Means of Delivering Notice.** Each Notice required, permitted, or contemplated hereunder shall be deemed to have been validly served, given or delivered as follows: (a) if sent by United States mail with proper first class postage prepaid, three (3) Business Days following the date of the postmark on the envelope in which such Notice was deposited in the United States mail; (b) if sent by a regularly scheduled overnight delivery carrier with delivery fees either prepaid or an arrangement with such carrier made for the payment of such fees, the next Business Day after the same is delivered by the sending Party to such carrier; (c) if sent by electronic communication (including electronic mail or other electronic means) and if concurrently with the transmittal of such electronic communication the sending Party provides a copy of such electronic Notice by hand delivery or express courier, at the time indicated by the time stamp upon delivery; or (d) if delivered in person, upon receipt by the receiving Party. Notwithstanding the foregoing, Notices of outages or other scheduling or dispatch information or requests, may be sent by electronic communication and shall be considered delivered upon successful completion of such transmission. Notices of an Event of Default, or any event or circumstance that if not cured within the applicable cure period would become an Event of Default, must be sent by United States mail, overnight delivery carrier, hand delivery, express courier, or personal delivery.

ARTICLE 10 FORCE MAJEURE

10.1 Definition.

(a) **“Force Majeure Event”** means any act or event that delays or prevents a Party from timely performing all or a portion of its obligations under this Agreement or from complying with all or a portion of the conditions under this Agreement if such act or event, despite the exercise of reasonable efforts, cannot be avoided by and is beyond the reasonable control (whether direct or indirect) of and without the fault or negligence of the Party relying thereon as justification for such delay, nonperformance, or noncompliance.

(b) Without limiting the generality of the foregoing, so long as the following events otherwise satisfy the requirements of a Force Majeure Event as defined above, a Force Majeure Event may include an act of God or the elements, such as flooding, lightning, hurricanes, tornadoes, or ice storms; explosion; fire; volcanic eruption; flood; epidemic or pandemic, including

in connection with efforts occurring after the Effective Date to combat the epidemic disease designated COVID-19 and the related virus designated SARS-CoV-2 and any mutations thereof (“**COVID-19**”); landslide; mudslide; sabotage; terrorism; earthquake; or other cataclysmic events; an act of public enemy; war; blockade; civil insurrection; riot; civil disturbance; or strikes or other labor difficulties caused or suffered by a Party or any third party except as set forth below.

(c) Notwithstanding the foregoing, the term “**Force Majeure Event**” does not include (i) economic conditions that render a Party’s performance of this Agreement at the Contract Price unprofitable or otherwise uneconomic (including an increase in component costs for any reason, including foreign or domestic tariffs, Buyer’s ability to buy electric energy at a lower price, or Seller’s ability to sell the Product, or any component thereof, at a higher price, than under this Agreement); (ii) Seller’s inability to obtain permits or approvals of any type for the construction, operation, or maintenance of the Facility, except to the extent such inability is caused by a Force Majeure Event; (iii) the inability of a Party to make payments when due under this Agreement, unless the cause of such inability is an event that would otherwise constitute a Force Majeure Event as described above that disables physical or electronic facilities necessary to transfer funds to the payee Party; (iv) a Curtailment Order, unless caused by a Force Majeure Event; (v) Seller’s inability to obtain sufficient labor, equipment, materials, or other resources to build or operate the Facility except to the extent such inability is caused by a Force Majeure Event; (vi) any equipment failure except if such equipment failure is caused by a Force Majeure Event; or (vii) events otherwise constituting a Force Majeure Event that prevent Seller from achieving Construction Start or Commercial Operation of the Facility, except to the extent expressly permitted as an extension under Agreement pursuant to the Development Cure Period.

10.2 **No Liability If a Force Majeure Event Occurs.** Neither Seller nor Buyer shall be liable to the other Party in the event it is prevented from performing its obligations hereunder in whole or in part due to a Force Majeure Event. The Party rendered unable to fulfill any obligation by reason of a Force Majeure Event shall take reasonable actions necessary to remove such inability. Nothing herein shall be construed as permitting that Party to continue to fail to perform after said cause has been removed. Neither Party shall be considered in breach or default of this Agreement if and to the extent that any failure or delay in the Party’s performance of one or more of its obligations hereunder is caused by a Force Majeure Event. Notwithstanding the foregoing, the occurrence and continuation of a Force Majeure Event shall not (a) suspend or excuse the obligation of a Party to make any payments due hereunder, (b) suspend or excuse the obligation of Seller to achieve the Guaranteed Construction Start Date or the Guaranteed Commercial Operation Date beyond the extensions provided in Exhibit B, or (c) limit Buyer’s right to declare an Event of Default pursuant to Section 11.1(b)(ii) or Section 11.1(b)(iv) and receive a Damage Payment upon exercise of Buyer’s rights pursuant to Section 11.2.

10.3 **Notice.** Within two (2) Business Days of knowledge of commencement of a Force Majeure Event, the non-performing Party shall provide the other Party with oral notice of the event of Force Majeure, and within two (2) weeks of the commencement of the Force Majeure Event the non-performing Party shall provide the other Party with Notice in the form of a letter describing in detail the particulars of the occurrence giving rise to the Force Majeure claim. Failure to provide timely Notice as described in the preceding sentence constitutes a waiver of a Force Majeure claim for all periods of time prior to delivery of such notice. The suspension of performance due to a claim of Force Majeure must be of no greater scope and of no longer duration than is required by

the Force Majeure.

10.4 **Termination Following Force Majeure Event.** If a Force Majeure Event has occurred after the Commercial Operation Date that has caused either Party to be wholly or partially unable to perform its obligations hereunder, and the impacted Party has claimed and received relief from performance of its obligations for a consecutive twelve (12) month period, then the non-claiming Party may terminate this Agreement upon written Notice to the other Party with respect to the Facility experiencing the Force Majeure Event. Upon any such termination, neither Party shall have any liability to the other Party, save and except for those obligations specified in Section 2.1(b), and Buyer shall promptly return to Seller any Development Security or Performance Security then held by Buyer, less any amounts drawn in accordance with this Agreement.

ARTICLE 11 DEFAULTS; REMEDIES; TERMINATION

11.1 **Events of Default.** An “**Event of Default**” shall mean,

(a) with respect to a Party (the “**Defaulting Party**”) that is subject to the Event of Default the occurrence of any of the following:

(i) the failure by such Party to make, when due, any payment required pursuant to this Agreement and such failure is not remedied within five (5) Business Days after Notice thereof;

(ii) any representation or warranty made by such Party herein is false or misleading in any material respect when made or when deemed made or repeated, and such default is not remedied within thirty (30) days after Notice thereof (or such longer additional period, not to exceed an additional sixty (60) days, if the Defaulting Party is unable to remedy such default within such initial thirty (30) days period despite exercising commercially reasonable efforts);

(iii) the failure by such Party to perform any material covenant or obligation set forth in this Agreement (except to the extent constituting a separate Event of Default set forth in this Section 11.1) and such failure is not remedied within thirty (30) days after Notice thereof (or such longer additional period, not to exceed an additional ninety (90) days, if the Defaulting Party is unable to remedy such default within such initial thirty (30) days period despite exercising commercially reasonable efforts);

(iv) such Party becomes Bankrupt;

(v) such Party assigns this Agreement or any of its rights hereunder other than in compliance with Section 14.2 or 14.3, as applicable; or

(vi) such Party consolidates or amalgamates with, or merges with or into, or transfers all or substantially all of its assets to, another entity and, at the time of such consolidation, amalgamation, merger or transfer, the resulting, surviving or transferee entity fails to assume all the obligations of such Party under this Agreement to which it or its predecessor was a party by operation of Law or pursuant to an agreement reasonably satisfactory to the other Party.

(b) with respect to Seller as the Defaulting Party, the occurrence of any of the following:

(i) if at any time during the Delivery Term, Seller delivers or attempts to deliver electric energy to the Delivery Point for sale under this Agreement that was not generated by the Facility, except for Replacement Product;

(ii) the failure by Seller to achieve Commercial Operation within [REDACTED] after the Guaranteed Commercial Operation Date;

(iii) if not remedied within ten (10) days after Notice thereof, the failure by Seller to deliver a Remedial Action Plan required under Section 2.4;

(iv) the failure by Seller to achieve Construction Start within [REDACTED] after the Guaranteed Construction Start Date;

(v) if, in any [REDACTED] period after the Commercial Operation Date, the Adjusted Energy Production amount (calculated in accordance with Exhibit G) for such period is not at least [REDACTED] of the Expected Energy amount for such period, and Seller fails to either (x) demonstrate to Buyer's reasonable satisfaction, within ten (10) Business Days after Notice from Buyer, a legitimate reason for the failure to meet the [REDACTED]; or (y) deliver to Buyer within fifteen (15) Business Days after Notice from Buyer a plan or report developed by Seller that describes the cause of the failure to meet the [REDACTED] and the actions that Seller has taken, is taking, or proposes to take in an effort to cure such condition along with the written confirmation of a Licensed Professional Engineer that such plan or report is in accordance with Prudent Operating Practices and capable of cure within a reasonable period of time, not to exceed one-hundred eighty (180) days;

(vi) if, beginning in the second Contract Year, the Adjusted Energy Production amount is not at least [REDACTED] of the total Expected Energy amount for such Contract Year;

(vii) if, in any two (2) consecutive Contract Year period during the Delivery Term, the Adjusted Energy Production amount is not at least [REDACTED] of the total Expected Energy amount for such period;

(viii) failure by Seller to satisfy the collateral requirements pursuant to Sections 8.7 or 8.8 after Notice and expiration of the cure periods set forth therein, including the failure to replenish the Development Security or Performance Security amount in accordance with this Agreement in the event Buyer draws against either for any reason other than to satisfy a Damage Payment or a Termination Payment;

(ix) with respect to any Guaranty provided for the benefit of Buyer, the failure by Seller to provide for the benefit of Buyer either (1) cash, (2) a replacement Guaranty from a different Guarantor meeting the criteria set forth in the definition of Guarantor, or (3) a replacement Letter of Credit from an issuer meeting the criteria set forth in the definition of Letter of Credit, in each case, in the amount required hereunder within ten (10) Business Days after Seller receives Notice of the occurrence of any of the following events:

(A) if any representation or warranty made by the Guarantor in connection with this Agreement is false or misleading in any material respect when made or when deemed made or repeated, and such default is not remedied within thirty (30) days after Notice thereof;

(B) the failure of the Guarantor to make any payment required or to perform any other material covenant or obligation in any Guaranty;

(C) the Guarantor becomes Bankrupt;

(D) the Guarantor shall fail to meet the criteria for an acceptable Guarantor as set forth in the definition of Guarantor;

(E) the failure of the Guaranty to be in full force and effect (other than in accordance with its terms) prior to the indefeasible satisfaction of all obligations of Seller hereunder; or

(F) the Guarantor shall repudiate, disaffirm, disclaim, or reject, in whole or in part, or challenge the validity of any Guaranty; or

(x) with respect to any outstanding Letter of Credit provided for the benefit of Buyer that is not then required under this Agreement to be canceled or returned, the failure by Seller to provide for the benefit of Buyer either (1) cash, or (2) a substitute Letter of Credit from a different issuer meeting the criteria set forth in the definition of Letter of Credit, in each case, in the amount required hereunder within ten (10) Business Days after Seller receives Notice of the occurrence of any of the following events:

(A) the issuer of the outstanding Letter of Credit shall fail to maintain a Credit Rating of at least A- by S&P or A3 by Moody's;

(B) the issuer of such Letter of Credit becomes Bankrupt;

(C) the issuer of the outstanding Letter of Credit shall fail to comply with or perform its obligations under such Letter of Credit and such failure shall be continuing after the lapse of any applicable grace period permitted under such Letter of Credit;

(D) the issuer of the outstanding Letter of Credit shall fail to honor a properly documented request to draw on such Letter of Credit;

(E) the issuer of the outstanding Letter of Credit shall disaffirm, disclaim, repudiate or reject, in whole or in part, or challenge the validity of, such Letter of Credit;

(F) such Letter of Credit fails or ceases to be in full force and effect at any time; or

(G) Seller shall fail to renew or cause the renewal of each outstanding Letter of Credit on a timely basis as provided in the relevant Letter of Credit and as provided in accordance with this Agreement, and in no event less than sixty (60) days prior to the expiration of the outstanding Letter of Credit.

11.2 **Remedies; Declaration of Early Termination Date.** If an Event of Default with respect to a Defaulting Party shall have occurred and be continuing, the other Party (“**Non-Defaulting Party**”) shall have the following rights:

(a) to send Notice, designating a day, no earlier than the day such Notice is deemed to be received and no later than twenty (20) days after such Notice is deemed to be received, as an early termination date of this Agreement (“**Early Termination Date**”) that terminates this Agreement (the “**Terminated Transaction**”) and ends the Delivery Term effective as of the Early Termination Date;

(b) to accelerate all amounts owing between the Parties, and to collect as liquidated damages (i) the Damage Payment (in the case of an Event of Default by Seller occurring before the Commercial Operation Date, including an Event of Default under Section 11.1(b)(ii) and Section 11.1(b)(ii)) or (ii) the Termination Payment calculated in accordance with Section 11.3 below (in the case of any other Event of Default by either Party);

(c) to withhold any payments due to the Defaulting Party under this Agreement;

(d) to suspend performance; or

(e) to exercise any other right or remedy available at law or in equity, including specific performance or injunctive relief, except to the extent such remedies are expressly limited under this Agreement;

provided, that payment by the Defaulting Party of the Damage Payment or Termination Payment, as applicable, shall constitute liquidated damages and the Non-Defaulting Party’s sole and exclusive remedy for any Terminated Transaction and the Event of Default related thereto.

11.3 **Termination Payment.** The termination payment (“**Termination Payment**”) for a Terminated Transaction shall be the aggregate of all Settlement Amounts plus any or all other amounts due to or from the Non-Defaulting Party (as of the Early Termination Date) netted into a single amount. If the Non-Defaulting Party’s aggregate Gains exceed its aggregate Losses and Costs, if any, resulting from the termination of this Agreement, the net Settlement Amount shall be zero. The Non-Defaulting Party shall calculate, in a commercially reasonable manner, a Settlement Amount for the Terminated Transaction as of the Early Termination Date. Third parties supplying information for purposes of the calculation of Gains or Losses may include, without limitation, dealers in the relevant markets, end-users of the relevant product, information vendors and other sources of market information. The Settlement Amount shall not include consequential, incidental, punitive, exemplary, indirect or business interruption damages. Without prejudice to the Non-Defaulting Party’s duty to mitigate, the Non-Defaulting Party shall not have to enter into replacement transactions to establish a Settlement Amount. Each Party agrees and acknowledges that (a) the actual damages that the Non-Defaulting Party would incur in connection with a

Terminated Transaction would be difficult or impossible to predict with certainty, (b) the Damage Payment or Termination Payment described in Section 11.2 or this Section 11.3 (as applicable) is a reasonable and appropriate approximation of such damages, and (c) the Damage Payment or Termination Payment described in Section 11.2 or this Section 11.3 (as applicable) is the exclusive remedy of the Non-Defaulting Party in connection with a Terminated Transaction but shall not otherwise act to limit any of the Non-Defaulting Party's rights or remedies if the Non-Defaulting Party does not elect the Damage Payment or Termination Payment (as applicable) as its remedy for an Event of Default by the Defaulting Party.

11.4 **Notice of Payment of Termination Payment.** As soon as practicable after a Terminated Transaction, Notice shall be given by the Non-Defaulting Party to the Defaulting Party of the amount of the Damage Payment or Termination Payment and whether the Termination Payment is due to or from the Non-Defaulting Party. The Notice shall include a written statement explaining in reasonable detail the calculation of such amount and the sources for such calculation. The Termination Payment shall be made to or from the Non-Defaulting Party, as applicable, within ten (10) Business Days after such Notice is effective.

11.5 **Disputes With Respect to Termination Payment.** If the Defaulting Party disputes the Non-Defaulting Party's calculation of the Termination Payment, in whole or in part, the Defaulting Party shall, within five (5) Business Days of receipt of the Non-Defaulting Party's calculation of the Termination Payment, provide to the Non-Defaulting Party a detailed written explanation of the basis for such dispute. Disputes regarding the Termination Payment shall be determined in accordance with Article 15.

11.6 **Rights And Remedies Are Cumulative.** Except where an express and exclusive remedy or measure of liquidated damages is provided, the rights and remedies of a Party pursuant to this Article 11 shall be cumulative and in addition to the rights of the Parties otherwise provided in this Agreement.

ARTICLE 12

LIMITATION OF LIABILITY AND EXCLUSION OF WARRANTIES.

12.1 **No Consequential Damages.** EXCEPT TO THE EXTENT PART OF AN EXPRESS REMEDY OR MEASURE OF DAMAGES HEREIN, OR PART OF AN ARTICLE 16 INDEMNITY CLAIM, OR INCLUDED IN A LIQUIDATED DAMAGES CALCULATION, OR ARISING FROM FRAUD OR INTENTIONAL MISREPRESENTATION, NEITHER PARTY SHALL BE LIABLE TO THE OTHER OR ITS INDEMNIFIED PERSONS FOR ANY SPECIAL, PUNITIVE, EXEMPLARY, INDIRECT, OR CONSEQUENTIAL DAMAGES, OR LOSSES OR DAMAGES FOR LOST REVENUE OR LOST PROFITS, WHETHER FORESEEABLE OR NOT, ARISING OUT OF, OR IN CONNECTION WITH THIS AGREEMENT, BY STATUTE, IN TORT OR CONTRACT.

12.2 **Waiver and Exclusion of Other Damages.** EXCEPT AS EXPRESSLY SET FORTH HEREIN, THERE IS NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ANY AND ALL IMPLIED WARRANTIES ARE DISCLAIMED. THE PARTIES CONFIRM THAT THE EXPRESS REMEDIES AND MEASURES OF DAMAGES PROVIDED IN THIS AGREEMENT SATISFY THE

ESSENTIAL PURPOSES HEREOF. ALL LIMITATIONS OF LIABILITY CONTAINED IN THIS AGREEMENT, INCLUDING, WITHOUT LIMITATION, THOSE PERTAINING TO SELLER'S LIMITATION OF LIABILITY AND THE PARTIES' WAIVER OF CONSEQUENTIAL DAMAGES, SHALL APPLY EVEN IF THE REMEDIES FOR BREACH OF WARRANTY PROVIDED IN THIS AGREEMENT ARE DEEMED TO "FAIL OF THEIR ESSENTIAL PURPOSE" OR ARE OTHERWISE HELD TO BE INVALID OR UNENFORCEABLE.

FOR BREACH OF ANY PROVISION FOR WHICH AN EXPRESS AND EXCLUSIVE REMEDY OR MEASURE OF DAMAGES IS PROVIDED, SUCH EXPRESS REMEDY OR MEASURE OF DAMAGES SHALL BE THE SOLE AND EXCLUSIVE REMEDY, THE OBLIGOR'S LIABILITY SHALL BE LIMITED AS SET FORTH IN SUCH PROVISION, AND ALL OTHER REMEDIES OR DAMAGES AT LAW OR IN EQUITY ARE WAIVED. IF NO REMEDY OR MEASURE OF DAMAGES IS EXPRESSLY PROVIDED HEREIN, THE OBLIGOR'S LIABILITY SHALL BE LIMITED TO DIRECT DAMAGES ONLY.

TO THE EXTENT ANY DAMAGES REQUIRED TO BE PAID HEREUNDER ARE LIQUIDATED, INCLUDING UNDER SECTIONS 3.8, 4.7, 4.8, 11.2 AND 11.3, AND AS PROVIDED IN EXHIBIT B AND EXHIBIT G THE PARTIES ACKNOWLEDGE THAT THE DAMAGES ARE DIFFICULT OR IMPOSSIBLE TO DETERMINE, THAT OTHERWISE OBTAINING AN ADEQUATE REMEDY IS INCONVENIENT, AND THAT THE LIQUIDATED DAMAGES CONSTITUTE A REASONABLE APPROXIMATION OF THE ANTICIPATED HARM OR LOSS. IT IS THE INTENT OF THE PARTIES THAT THE LIMITATIONS HEREIN IMPOSED ON REMEDIES AND THE MEASURE OF DAMAGES BE WITHOUT REGARD TO THE CAUSE OR CAUSES RELATED THERETO, INCLUDING THE NEGLIGENCE OF ANY PARTY, WHETHER SUCH NEGLIGENCE BE SOLE, JOINT OR CONCURRENT, OR ACTIVE OR PASSIVE. THE PARTIES HEREBY WAIVE ANY RIGHT TO CONTEST SUCH PAYMENTS AS AN UNREASONABLE PENALTY.

THE PARTIES ACKNOWLEDGE AND AGREE THAT MONEY DAMAGES AND THE EXPRESS REMEDIES PROVIDED FOR HEREIN ARE AN ADEQUATE REMEDY FOR THE BREACH BY THE OTHER OF THE TERMS OF THIS AGREEMENT, AND EACH PARTY WAIVES ANY RIGHT IT MAY HAVE TO SPECIFIC PERFORMANCE WITH RESPECT TO ANY OBLIGATION OF THE OTHER PARTY UNDER THIS AGREEMENT.

ARTICLE 13

REPRESENTATIONS AND WARRANTIES; AUTHORITY

13.1 **Seller's Representations and Warranties.** As of the Effective Date, Seller represents and warrants as follows:

(a) Seller is a limited liability company, duly organized, validly existing and in good standing under the laws of the jurisdiction of its formation, and is qualified to conduct business in the state of California and each jurisdiction where the failure to so qualify would have a material adverse effect on the business or financial condition of Seller.

(b) Seller has the power and authority to enter into and perform this Agreement and is not prohibited from entering into this Agreement or discharging and performing all covenants and obligations on its part to be performed under and pursuant to this Agreement, except where such failure does not have a material adverse effect on Seller's performance under this Agreement. The execution, delivery and performance of this Agreement by Seller has been duly authorized by all necessary limited liability company action on the part of Seller and does not and will not require the consent of any trustee or holder of any indebtedness or other obligation of Seller or any other party to any other agreement with Seller.

(c) The execution and delivery of this Agreement, consummation of the transactions contemplated herein, and fulfillment of and compliance by Seller with the provisions of this Agreement will not conflict with or constitute a breach of or a default under any Law presently in effect having applicability to Seller, subject to any permits that have not yet been obtained by Seller, the documents of formation of Seller or any outstanding trust indenture, deed of trust, mortgage, loan agreement or other evidence of indebtedness or any other agreement or instrument to which Seller is a party or by which any of its property is bound.

(d) This Agreement has been duly executed and delivered by Seller. This Agreement is a legal, valid and binding obligation of Seller enforceable in accordance with its terms, except as limited by laws of general applicability limiting the enforcement of creditors' rights or by the exercise of judicial discretion in accordance with general principles of equity.

(e) The Facility is located in the State of Utah.

(f) As between Buyer and Seller, Seller will be responsible for obtaining all permits necessary to construct and operate the Facility, including to the extent applicable, Seller or an Affiliate will be the applicant on any CEQA documents.

(g) Seller shall maintain site control of the Facility throughout the Delivery Term.

(h) Seller represents and warrants that it has not and will not knowingly utilize equipment or resources for the construction, operation or maintenance of the Facility that rely on work or services exacted from any person under the threat of a penalty and for which the person has not offered himself or herself voluntarily ("**Forced Labor**"). The Parties acknowledge that pursuant to the business advisory jointly issued by the U.S. Departments of State, Treasury, Commerce and Homeland Security on July 1, 2020, equipment or resources sourced from the Xinjiang region of China are presumed to involve Forced Labor.

(i) Seller shall maintain firm transmission rights sufficient to deliver the Buyer's Contract Capacity to the Delivery Point throughout the Delivery Term.

(j) Seller shall comply with all CAISO Tariff requirements applicable to a Dynamic Resource-Specific System Resource, including Appendix M to the Tariff, throughout the Delivery Term.

(k) As of the Effective Date, Seller represents and warrants to Buyer that it has not received notice from or been advised by any existing or potential supplier or service provider for the Facility that COVID-19 has caused, or is reasonably likely to cause, a delay in the construction of the Facility or the delivery of materials necessary to complete the Facility, in each case that would cause the Commercial Operation Date to be later than the Expected Commercial Operation Date.

13.2 **Buyer's Representations and Warranties.** As of the Effective Date, Buyer represents and warrants as follows:

(a) Buyer is a joint powers authority and a validly existing community choice aggregator, duly organized, validly existing and in good standing under the laws of the State of California and the rules, regulations and orders of the California Public Utilities Commission, and is qualified to conduct business in each jurisdiction of the Joint Powers Agreement members. All Persons making up the governing body of Buyer are the elected or appointed incumbents in their positions and hold their positions in good standing in accordance with the Joint Powers Agreement and other Law.

(b) Buyer has the power and authority to enter into and perform this Agreement and is not prohibited from entering into this Agreement or discharging and performing all covenants and obligations on its part to be performed under and pursuant to this Agreement, except where such failure does not have a material adverse effect on Buyer's performance under this Agreement. The execution, delivery and performance of this Agreement by Buyer has been duly authorized by all necessary action on the part of Buyer and does not and will not require the consent of any trustee or holder of any indebtedness or other obligation of Buyer or any other party to any other agreement with Buyer.

(c) The execution and delivery of this Agreement, consummation of the transactions contemplated herein, and fulfillment of and compliance by Buyer with the provisions of this Agreement will not conflict with or constitute a breach of or a default under any Law presently in effect having applicability to Buyer, the documents of formation of Buyer or any outstanding trust indenture, deed of trust, mortgage, loan agreement or other evidence of indebtedness or any other agreement or instrument to which Buyer is a party or by which any of its property is bound.

(d) This Agreement has been duly executed and delivered by Buyer. This Agreement is a legal, valid and binding obligation of Buyer enforceable in accordance with its terms, except as limited by laws of general applicability limiting the enforcement of creditors' rights or by the exercise of judicial discretion in accordance with general principles of equity.

(e) Buyer warrants and covenants that with respect to its contractual obligations under this Agreement, it will not claim immunity on the grounds of sovereignty or similar grounds with respect to itself or its revenues or assets from (1) suit, (2) jurisdiction of court (provided that such court is located within a venue permitted in law and under the Agreement), (3) relief by way of injunction, order for specific performance or recovery of property, (4) attachment of assets, or (5) execution or enforcement of any judgment; provided, however that nothing in this Agreement

shall waive the obligations or rights set forth in the California Tort Claims Act (Government Code Section 810 et seq.).

(f) Buyer is a “local public entity” as defined in Section 900.4 of the Government Code of the State of California.

13.3 General Covenants. Each Party covenants that commencing on the Effective Date and continuing throughout the Contract Term:

(a) It shall continue to be duly organized, validly existing and in good standing under the laws of the jurisdiction of its formation and to be qualified to conduct business in California and each jurisdiction where the failure to so qualify would have a material adverse effect on its business or financial condition;

(b) It shall maintain (or obtain from time to time as required) all regulatory authorizations, approvals, and permits necessary for it to legally perform its obligations under this Agreement; and

(c) It shall perform its obligations under this Agreement in compliance with all terms and conditions in its governing documents and in material compliance with any Law.



13.5 Reserved.

ARTICLE 14 ASSIGNMENT

14.1 General Prohibition on Assignments. Except as provided in this Article 14, neither Party may voluntarily assign this Agreement or its rights or obligations under this Agreement, without the prior written consent of the other Party, which consent shall not be unreasonably withheld. Except as provided in this Article 14, any Change of Control of Seller or direct or indirect change of control of Buyer (whether voluntary or by operation of law) will be deemed an assignment and will require the prior written consent of the other Party, which consent shall not be unreasonably withheld. Any assignment made in violation of the conditions to assignment set out in this Article 14 shall be null and void. Buyer shall have no obligation to

provide any consent, or enter into any agreement, that materially and adversely affects any of Buyer's rights, benefits, risks or obligations under this Agreement. Seller shall be responsible for Buyer's reasonable costs associated with the preparation, review, execution and delivery of documents in connection with any assignment of this Agreement by Seller, including without limitation reasonable attorneys' fees.

14.2 **Collateral Assignment.** Subject to the provisions of this Section 14.2, Seller has the right to assign this Agreement as collateral for any financing or refinancing of the Facility. In connection with any financing or refinancing of the Facility by Seller, Buyer shall in good faith work with Seller and Lenders to agree upon a consent to collateral assignment of this Agreement ("**Collateral Assignment Agreement**"). Each Collateral Assignment Agreement must be in form and substance agreed to by Buyer, Seller and the applicable Lender, such agreement not to be unreasonably withheld. Buyer will not be subject to obligations under more than one Collateral Assignment Agreement at any time. Each Collateral Assignment Agreement must include, among others, the following provisions unless otherwise agreed to by Buyer, Seller and the applicable Lender:

(a) Buyer shall give notice of an Event of Default by Seller to the Person(s) to be specified by Lender in the Collateral Assignment Agreement before exercising its right to terminate this Agreement as a result of such Event of Default; provided that such notice shall be provided to Lender at the time such notice is provided to Seller and any additional cure period of Lender agreed to in the Collateral Assignment Agreement shall not commence until Lender has received notice of such Event of Default;

(b) Lender will have the right to cure an Event of Default on behalf of Seller if Lender sends a written notice to Buyer before the later of (i) the expiration of any cure period, and (ii) five (5) Business Days after Lender's receipt of notice of such Event of Default from Buyer, indicating Lender's intention to cure. Lender must remedy or cure such Event of Default within the cure period under this Agreement and any additional cure periods agreed in the Collateral Assignment Agreement up to a maximum of ninety (90) days (or, in the event of a bankruptcy of Seller or any foreclosure or similar proceeding if required by Lender to cure any Event of Default, an additional reasonable period of time to complete such proceedings and effect such cure not to exceed one hundred eighty (180) days without the written consent of Buyer, which consent shall not be unreasonably withheld), provided that if Lender is prohibited by any court order or bankruptcy or insolvency proceedings from curing the Event of Default or from commencing or prosecuting foreclosure proceedings, the foregoing time periods shall be extended by the period of such prohibition;

(c) Following an Event of Default by Seller under this Agreement, Buyer may require Seller (or Lender, if Lender has provided the notice set forth in subsection (b) above) to provide to Buyer a report concerning:

(i) The status of efforts by Seller or Lender to develop a plan to cure the Event of Default;

(ii) Impediments to the cure plan or its development;

(iii) If a cure plan has been adopted, the status of the cure plan's implementation (including any modifications to the plan as well as the expected timeframe within which any cure is expected to be implemented); and

(iv) Any other information which Buyer may reasonably require related to the development, implementation and timetable of the cure plan.

Seller or Lender must provide the report to Buyer within ten (10) Business Days after Notice from Buyer requesting the report. Buyer will have no further right to require the report with respect to a particular Event of Default after that Event of Default has been cured;

(d) Lender will have the right to consent before any termination of this Agreement which does not arise out of an Event of Default;

(e) Lender will receive prior notice of and the right to approve material amendments to this Agreement, which approval will not be unreasonably withheld, delayed or conditioned;

(f) If this Agreement is transferred to Lender pursuant to subsection (b) above, Lender must assume all of Seller's obligations arising under this Agreement on and after the date of such assumption; *provided*, before such assumption, if Buyer advises Lender that Buyer will require that Lender cure (or cause to be cured) any Event of Default existing as of the transfer date in order to avoid the exercise by Buyer (in its sole discretion) of Buyer's right to terminate this Agreement with respect to such Event of Default, then Lender at its option, and in its sole discretion, may elect to either:

(i) Cause such Event of Default to be cured (other than any Events of Default which relate to Seller's bankruptcy or similar insolvency proceedings, to representations and warranties made by Seller or to Seller's failure to perform obligations under other agreements, or which are otherwise personal to Seller), or

(ii) Not assume this Agreement.

(g) If Lender elects to transfer this Agreement, then Lender must cause the transferee to assume all of Seller's obligations arising under this Agreement arising after the date of such assumption as a condition of the sale or transfer. Such sale or transfer may be made only to an entity that meets the definition of Permitted Transferee;

(h) Subject to Lender's cure of any Events of Defaults under the Agreement in accordance with Section 14.2(f), if (i) this Agreement is rejected in Seller's Bankruptcy or otherwise terminated in connection therewith Lender or its designee shall have the right to elect within ninety (90) days after such rejection or termination, to enter into a replacement agreement with Buyer having substantially the same terms as this Agreement for the remaining term thereof, and, promptly after Lender's written request, Buyer must enter into such replacement agreement with Lender or Lender's designee, or (ii) if Lender or its designee, directly or indirectly, takes possession of, or title to, the Facility after any such rejection or termination of this Agreement, promptly after Buyer's written request, Lender must itself or must cause its designee to promptly enter into a new agreement with Buyer having substantially the same terms as this Agreement for

the remaining term thereof, provided that in the event a designee of Lender, directly or indirectly, takes possession of, or title to, the Facility (including possession by a receiver or title by foreclosure or deed in lieu of foreclosure), if such designee is not an entity that meets the definition of Permitted Transferee then such designee shall be subject to the prior written approval of Buyer, such approval not to be unreasonably withheld; and

(i) The Parties shall negotiate any Collateral Assignment Agreement in good faith, including variations to the provisions set forth in this Section 14.2, and to the extent the Collateral Assignment Agreement executed by Buyer and Lender varies from such provisions, the terms of such Collateral Assignment Agreement shall be controlling. In addition, Buyer shall cooperate with Seller or any Lender to execute or arrange for delivery of estoppels reasonably requested by Seller or Lender.

14.3 **Reserved.**

ARTICLE 15 DISPUTE RESOLUTION

15.1 **Venue.** The Parties agree that any suit, action or other legal proceeding by or against any party (or its Affiliates or designees) with respect to or arising out of this Agreement shall be brought in the federal courts of the United States or the courts of the State of California sitting in Los Angeles County, California.

15.2 **Dispute Resolution.** In the event of any dispute arising under this Agreement, within ten (10) days following the receipt of a written Notice from either Party identifying such dispute, the Parties shall meet, negotiate and attempt, in good faith, to resolve the dispute quickly, informally and inexpensively. If the Parties are unable to resolve a dispute arising hereunder within the earlier of either thirty (30) days of initiating such discussions, or within forty (40) days after Notice of the dispute, then either Party may seek any and all remedies available to it at law or in equity, subject to the limitations set forth in this Agreement.

ARTICLE 16 INDEMNIFICATION

16.1 **Indemnity.** Each Party (the “**Indemnifying Party**”) agrees to defend, indemnify and hold harmless the other Party, its directors, officers, agents, attorneys, employees and representatives (each an “**Indemnified Party**” and collectively, the “**Indemnified Group**”) from and against all third party claims, demands, losses, liabilities, penalties, and expenses, including reasonable attorneys’ and expert witness fees, for personal injury or death to Persons and damage to the property of any third party to the extent arising out of, resulting from, or caused by the negligent or willful misconduct of the Indemnifying Party, its Affiliates, its directors, officers, employees or agents (collectively, “**Indemnifiable Losses**”). Nothing in this Section shall enlarge or relieve Seller or Buyer of any liability to the other for any breach of this Agreement. Neither Party shall be indemnified for its damages resulting from its sole negligence, intentional acts, or willful misconduct. These indemnity provisions shall not be construed to relieve any insurer of its obligations to pay claims consistent with the provisions of a valid insurance policy.

16.2 **Notice of Claim.** Subject to the terms of this Agreement and upon obtaining

knowledge of an Indemnifiable Loss for which it is entitled to indemnity under this Article 16, the Indemnified Party will promptly provide Notice to the Indemnifying Party in writing of any damage, claim, loss, liability or expense which Indemnified Party has determined has given or could give rise to an Indemnifiable Loss under Section 16.1 (“**Claim**”). The Notice is referred to as a “**Notice of Claim**”. A Notice of Claim will specify, in reasonable detail, the facts known to Indemnified Party regarding the Indemnifiable Loss.

16.3 **Failure to Provide Notice.** A failure to give timely Notice or to include any specified information in any Notice as provided in this Section 16.3 will not affect the rights or obligations of any Party hereunder except and only to the extent that, as a result of such failure, any Party which was entitled to receive such Notice was deprived of its right to recover any payment under its applicable insurance coverage or was otherwise materially damaged as a direct result of such failure and, provided further, Indemnifying Party is not obligated to indemnify any member of the Indemnified Group for the increased amount of any Indemnifiable Loss which would otherwise have been payable to the extent that the increase resulted from the failure to deliver timely a Notice of Claim.

16.4 **Defense of Claims.** If, within ten (10) Business Days after giving a Notice of Claim regarding a Claim to Indemnifying Party pursuant to Section 16.2, Indemnified Party receives Notice from Indemnifying Party that Indemnifying Party has elected to assume the defense of such Claim, Indemnifying Party will not be liable for any legal expenses subsequently incurred by Indemnified Party in connection with the defense thereof; provided, however, that if Indemnifying Party fails to take reasonable steps necessary to defend diligently such Claim within ten (10) Business Days after receiving Notice from Indemnifying Party that Indemnifying Party believes Indemnifying Party has failed to take such steps, or if Indemnifying Party has not undertaken fully to indemnify Indemnified Party in respect of all Indemnifiable Losses relating to the matter, Indemnified Party may assume its own defense, and Indemnifying Party will be liable for all reasonable costs or expenses, including attorneys’ fees, paid or incurred in connection therewith. Without the prior written consent of Indemnified Party, Indemnifying Party will not enter into any settlement of any Claim which would lead to liability or create any financial or other obligation on the part of Indemnified Party for which Indemnified Party is not entitled to indemnification hereunder; provided, however, that Indemnifying Party may accept any settlement without the consent of Indemnified Party if such settlement provides a full release to Indemnified Party and no requirement that Indemnified Party acknowledge fault or culpability. If a firm offer is made to settle a Claim without leading to liability or the creation of a financial or other obligation on the part of Indemnified Party for which Indemnified Party is not entitled to indemnification hereunder and Indemnifying Party desires to accept and agrees to such offer, Indemnifying Party will give Notice to Indemnified Party to that effect. If Indemnified Party fails to consent to such firm offer within ten (10) calendar days after its receipt of such Notice, Indemnified Party may continue to contest or defend such Claim and, in such event, the maximum liability of Indemnifying Party to such Claim will be the amount of such settlement offer, plus reasonable costs and expenses paid or incurred by Indemnified Party up to the date of such Notice.

16.5 **Subrogation of Rights.** Upon making any indemnity payment, Indemnifying Party will, to the extent of such indemnity payment, be subrogated to all rights of Indemnified Party against any third party in respect of the Indemnifiable Loss to which the indemnity payment relates; provided that until Indemnified Party recovers full payment of its Indemnifiable Loss, any

and all claims of Indemnifying Party against any such third party on account of said indemnity payment are hereby made expressly subordinated and subjected in right of payment to Indemnified Party's rights against such third party. Without limiting the generality or effect of any other provision hereof, Buyer and Seller shall execute upon request all instruments reasonably necessary to evidence and perfect the above-described subrogation and subordination rights.

16.6 **Rights and Remedies are Cumulative.** Except for express remedies already provided in this Agreement, the rights and remedies of a Party pursuant to this Article 16 are cumulative and in addition to the rights of the Parties otherwise provided in this Agreement.

ARTICLE 17 INSURANCE

17.1 Insurance.

(a) **General Liability.** Seller shall maintain, or cause to be maintained at its sole expense, (i) commercial general liability insurance, including products and completed operations and personal injury insurance, in a minimum amount of Two Million Dollars (\$2,000,000) per occurrence, and an annual aggregate of not less than Five Million Dollars (\$5,000,000), specifically covering Seller's obligations under this Agreement and including Buyer as an additional insured; and (ii) an umbrella insurance policy in a minimum limit of liability of Five Million Dollars (\$5,000,000). Defense costs shall be provided as an additional benefit and not included within the limits of liability. Such insurance shall contain standard cross-liability and severability of interest provisions.

(b) **Employer's Liability Insurance.** Employers' Liability insurance shall not be less than One Million Dollars (\$1,000,000) for injury or death occurring as a result of each accident. With regard to bodily injury by disease, the One Million Dollar (\$1,000,000) policy limit will apply to each employee.

(c) **Workers Compensation Insurance.** Seller, if it has employees, shall also maintain at all times during the Contract Term workers' compensation and employers' liability insurance coverage in accordance with applicable requirements of California Law.

(d) **Business Auto Insurance.** Seller shall maintain at all times during the Contract Term business auto insurance for bodily injury and property damage with limits of One Million Dollars (\$1,000,000) per occurrence. Such insurance shall cover liability arising out of Seller's use of all owned (if any), non-owned and hired vehicles, including trailers or semi-trailers in the performance of the Agreement.

(e) **Construction All-Risk Insurance.** Seller shall maintain or cause to be maintained during the construction of the Facility prior to the Commercial Operation Date, construction all-risk form property insurance covering the Facility during such construction periods, and naming Seller (and Lender if any) as the loss payee.

(f) **Contractor's Pollution Liability.** Seller shall maintain or cause to be maintained during the construction of the Facility prior to the Commercial Operation Date,

Pollution Legal Liability Insurance in the amount of Two Million Dollars (\$2,000,000) per occurrence and in the aggregate, naming Seller (and Lender if any) as additional named insured.

(g) Contractor Insurance. Seller shall require the contractor under its engineering, procurement, and construction contract for the Facility to carry (i) comprehensive general liability insurance with a combined single limit of coverage not less than One Million Dollars (\$1,000,000); (ii) workers' compensation insurance and employers' liability coverage in accordance with applicable requirements of Law; and (iii) business auto insurance for bodily injury and property damage with limits of One Million Dollars (\$1,000,000) per occurrence. The contractor shall name Seller as an additional insured to insurance carried pursuant to clauses (g)(i) and (g)(iii). The contractor shall provide a primary endorsement and a waiver of subrogation to Seller for the required coverage pursuant to this Section 17.1(g).

(h) Evidence of Insurance. Within sixty (60) days after execution of the Agreement and upon annual renewal thereafter, Seller shall deliver to Buyer certificates of insurance evidencing such coverage. These certificates shall specify that Buyer shall be given at least ten (10) days prior Notice by Seller in the event of any material modification, cancellation or termination of coverage. Such insurance shall be primary coverage without right of contribution from any insurance of Buyer.

ARTICLE 18 CONFIDENTIAL INFORMATION

18.1 Definition of Confidential Information. The following constitutes "**Confidential Information**," whether oral or written which is delivered by Seller to Buyer or by Buyer to Seller including: (a) pricing and other commercially sensitive terms and conditions of, and proposals and negotiations related to, this Agreement, and (b) information that either Seller or Buyer stamps or otherwise identifies as "confidential" or "proprietary" before disclosing it to the other. Confidential Information does not include (i) information that was publicly available at the time of the disclosure, other than as a result of a disclosure in breach of this Agreement; (ii) information that becomes publicly available through no fault of the recipient after the time of the delivery; (iii) information that was rightfully in the possession of the recipient (without confidential or proprietary restriction) at the time of delivery or that becomes available to the recipient from a source not subject to any restriction against disclosing such information to the recipient; and (iv) information that the recipient independently developed without a violation of this Agreement. Notwithstanding the foregoing, the Parties acknowledge and agree that Buyer intends to make publicly available a version of this Agreement with certain commercially sensitive provisions removed or redacted.

18.2 Duty to Maintain Confidentiality. Confidential Information will retain its character as Confidential Information but may be disclosed by the recipient (the "**Receiving Party**") if and to the extent such disclosure is required (a) to be made by any requirements of Law, (b) pursuant to an order of a court or (c) in order to enforce this Agreement. If the Receiving Party becomes legally compelled (by interrogatories, requests for information or documents, subpoenas, summons, civil investigative demands, or similar processes or otherwise in connection with any litigation or to comply with any applicable law, order, regulation, ruling, regulatory request, accounting disclosure rule or standard or any exchange, control area or independent system

operator request or rule) to disclose any Confidential Information of the disclosing Party (the “**Disclosing Party**”), Receiving Party shall provide Disclosing Party with prompt notice so that Disclosing Party, at its sole expense, may seek an appropriate protective order or other appropriate remedy. If the Disclosing Party takes no such action after receiving the foregoing notice from the Receiving Party, the Receiving Party is not required to defend against such request and shall be permitted to disclose such Confidential Information of the Disclosing Party, with no liability for any damages that arise from such disclosure. Each Party hereto acknowledges and agrees that information and documentation provided in connection with this Agreement may be subject to the California Public Records Act (Government Code Section 6250 et seq.). The provisions of this Article 18 shall survive and shall continue to be binding upon the Parties for period of one (1) year following the date of termination of this Agreement.

18.3 **Irreparable Injury; Remedies.** Receiving Party acknowledges that its obligations hereunder are necessary and reasonable in order to protect Disclosing Party and the business of Disclosing Party, and expressly acknowledges that monetary damages would be inadequate to compensate Disclosing Party for any breach or threatened breach by Receiving Party of any covenants and agreements set forth in this Article 18. Accordingly, Receiving Party acknowledges that any such breach or threatened breach will cause irreparable injury to Disclosing Party and that, in addition to any other remedies that may be available, in law, in equity or otherwise, Disclosing Party will be entitled to obtain injunctive relief against the threatened breach of this Article 18 or the continuation of any such breach, without the necessity of proving actual damages.

18.4 **Disclosure to Lenders, Etc..** Notwithstanding anything to the contrary in this Article 18, Confidential Information may be disclosed by Seller to any actual or potential Lender or investor or any of its Affiliates, and Seller’s actual or potential agents, consultants, contractors, or trustees, or by Buyer to any actual or potential Lender, so long as the Person to whom Confidential Information is disclosed either is bound by similarly restrictive confidentiality obligations as those contained in this Agreement, or agrees in writing to be bound by the confidentiality provisions of this Article 18 to the same extent as if it were a Party.

18.5 **Press Releases.** Neither Party shall issue (or cause its Affiliates to issue) a press release regarding the transactions contemplated by this Agreement unless both Parties have agreed upon the contents of any such public statement.

ARTICLE 19 MISCELLANEOUS

19.1 **Entire Agreement; Integration; Exhibits.** This Agreement, together with the Cover Sheet and Exhibits attached hereto constitutes the entire agreement and understanding between Seller and Buyer with respect to the subject matter hereof and supersedes all prior agreements relating to the subject matter hereof, which are of no further force or effect. The Exhibits attached hereto are integral parts hereof and are made a part of this Agreement by reference. The headings used herein are for convenience and reference purposes only. In the event of a conflict between the provisions of this Agreement and those of the Cover Sheet or any Exhibit, the provisions of first the Cover Sheet, and then this Agreement shall prevail, and such Exhibit shall be corrected accordingly. This Agreement shall be considered for all purposes as prepared through the joint efforts of the Parties and shall not be construed against one Party or the other

Party as a result of the preparation, substitution, submission or other event of negotiation, drafting or execution hereof.

19.2 **Amendments.** This Agreement may only be amended, modified or supplemented by an instrument in writing executed by duly authorized representatives of Seller and Buyer; *provided*, that, for the avoidance of doubt, this Agreement may not be amended by electronic mail communications.

19.3 **No Waiver.** Waiver by a Party of any default by the other Party shall not be construed as a waiver of any other default.

19.4 **No Agency, Partnership, Joint Venture or Lease.** Seller and the agents and employees of Seller shall, in the performance of this Agreement, act in an independent capacity and not as officers or employees or agents of Buyer. Under this Agreement, Seller and Buyer intend to act as energy seller and energy purchaser, respectively, and do not intend to be treated as, and shall not act as, partners in, co-venturers in or lessor/lessee with respect to the Facility or any business related to the Facility. This Agreement shall not impart any rights enforceable by any third party (other than a permitted successor or assignee bound to this Agreement or, to the extent set forth herein, any Lender or Indemnified Party).

19.5 **Severability.** In the event that any provision of this Agreement is unenforceable or held to be unenforceable, the Parties agree that all other provisions of this Agreement have force and effect and shall not be affected thereby. The Parties shall, however, use their best endeavors to agree on the replacement of the void, illegal or unenforceable provision(s) with legally acceptable clauses which correspond as closely as possible to the sense and purpose of the affected provision and this Agreement as a whole.

19.6 **Governing Law.** This Agreement and the rights and duties of the Parties hereunder shall be governed by and construed, enforced and performed in accordance with the laws of the state of California, without regard to principles of conflicts of law. To the extent enforceable at such time, each Party waives its respective right to any jury trial with respect to any litigation arising under or in connection with this Agreement. [STC 17].

19.7 **Mobile-Sierra.** Notwithstanding any other provision of this Agreement, neither Party shall seek, nor shall they support any third party seeking, to prospectively or retroactively revise the rates, terms or conditions of service of this Agreement through application or complaint to FERC pursuant to the provisions of Section 205, 206 or 306 of the Federal Power Act, or any other provisions of the Federal Power Act, absent prior written agreement of the Parties. Further, absent the prior written agreement in writing by both Parties, the standard of review for changes to the rates, terms or conditions of service of this Agreement proposed by a Party shall be the “public interest” standard of review set forth in *United Gas Pipe Line Co. v. Mobile Gas Service Corp.*, 350 U.S. 332 (1956) and *Federal Power Commission v. Sierra Pacific Power Co.*, 350 U.S. 348 (1956). Changes proposed by a non-Party or FERC acting *sua sponte* shall be subject to the most stringent standard permissible under applicable law.

19.8 **Counterparts; Electronic Signatures.** This Agreement may be executed in one or more counterparts, all of which taken together shall constitute one and the same instrument and

each of which shall be deemed an original. The Parties may rely on electronic and scanned signatures as originals. Delivery of an executed signature page of this Agreement by a PDF attachment to an email shall be the same as delivery of an original executed signature page.

19.9 **Binding Effect.** This Agreement shall inure to the benefit of and be binding upon the Parties and their respective successors and permitted assigns.

19.10 **No Recourse to Members of Buyer.** Buyer is organized as a Joint Powers Authority in accordance with the Joint Exercise of Powers Act of the State of California (Government Code Section 6500, et seq.) pursuant to its Joint Powers Agreement and is a public entity separate from its constituent members. Buyer shall solely be responsible for all debts, obligations and liabilities accruing and arising out of this Agreement. Seller shall have no rights and shall not make any claims, take any actions or assert any remedies against any of Buyer's constituent members, or the employees, directors, officers, consultants or advisors or Buyer or its constituent members, in connection with this Agreement.

19.11 **Forward Contract.** The Parties acknowledge and agree that this Agreement constitutes a "forward contract" within the meaning of the U.S. Bankruptcy Code, and Buyer and Seller are "forward contract merchants" within the meaning of the U.S. Bankruptcy Code. Each Party further agrees that, for all purposes of this Agreement, each Party waives and agrees not to assert the applicability of the provisions of 11 U.S.C. § 366 in any bankruptcy proceeding wherein such Party is a debtor. In any such proceeding, each Party further waives the right to assert that the other Party is a provider of last resort to the extent such term relates to 11 U.S.C. §366 or another provision of 11 U.S.C. § 101-1532.

19.12 **Further Assurances.** Each of the Parties hereto agree to provide such information, execute and deliver any instruments and documents and to take such other actions as may be necessary or reasonably requested by the other Party which are not inconsistent with the provisions of this Agreement and which do not involve the assumptions of obligations other than those provided for in this Agreement, to give full effect to this Agreement and to carry out the intent of this Agreement.

[Signatures on following page]

IN WITNESS WHEREOF, the Parties have caused this Agreement to be duly executed as of the Effective Date.

CAPE GENERATING STATION 1 LLC,
a Delaware limited liability company

DESERT COMMUNITY ENERGY, a
California joint powers authority

By: _____
Name: _____
Title: _____

By: _____
Name: _____
Title: _____

EXHIBIT A
FACILITY DESCRIPTION

Site Name: Cape Station

Federal Lease IDs (portions of): [REDACTED]

County: Beaver County, Utah

Type of Facility: Geothermal

Operating Characteristics of Facility: Binary cycle geothermal power plant

Delivery Point: [REDACTED] or such other point of delivery as may be designated by the Parties from time to time pursuant to the Agreement.

Settlement Point: SCE default Load Aggregation Point (DLAP)

Participating Transmission Owner: Longroad Energy

Interconnection Point: The Facility shall interconnect to the Milford Wind Line (or such other location as mutually agreed to by the Parties prior to execution of the Agreement).

EXHIBIT B

FACILITY CONSTRUCTION AND COMMERCIAL OPERATION

1. **Construction of the Facility.**

- a. **“Construction Start”** will occur upon satisfaction of the following: (i) Seller has acquired the applicable regulatory authorizations, approvals and permits required for the commencement of construction of the Facility, (ii) Seller has engaged all contractors and ordered all essential equipment and supplies as, in each case, can reasonably be considered necessary so that physical construction of the Facility may begin and proceed to completion without foreseeable interruption of material duration, and (iii) Seller has executed an engineering, procurement, and construction contract and issued thereunder a full notice to proceed that authorizes the contractor to mobilize to Site and begin physical construction of the Facility at the Site. The date of Construction Start will be evidenced by and subject to Seller’s delivery to Buyer of a certificate substantially in the form attached as Exhibit J hereto, and the date certified therein shall be the **“Construction Start Date.”** The Seller shall use commercially reasonable efforts to cause Construction Start to occur no later than the Guaranteed Construction Start Date.
- b. If Construction Start is not achieved by the Guaranteed Construction Start Date, Seller shall pay Construction Delay Damages to Buyer for each day for which Construction Start has not begun after the Guaranteed Construction Start Date. Construction Delay Damages shall be payable to Buyer by Seller until Seller reaches Construction Start of the Facility. On or before the tenth (10th) day of each month, Buyer shall invoice Seller for Construction Delay Damages, if any, accrued during the prior month and, within ten (10) days following Seller’s receipt of such invoice, Seller shall pay Buyer the amount of the Construction Delay Damages set forth in such invoice. Construction Delay Damages shall be refundable to Seller pursuant to Section 2 b. of this Exhibit B. The Parties agree that Buyer’s receipt of Construction Delay Damages shall be Buyer’s sole and exclusive remedy for Seller’s unexcused delay in achieving the Construction Start Date on or before the Guaranteed Construction Start Date, but shall (x) not be construed as Buyer’s declaration that an Event of Default has occurred under any provision of Section 11.1 and (y) not limit Buyer’s right to declare an Event of Default pursuant to Section 11.1(b)(ii) or 11.1(b)(iv) and receive a Damage Payment upon exercise of Buyer’s default right pursuant to Section 11.2.

2. **Commercial Operation of the Facility.** **“Commercial Operation”** means the condition existing when (i) Seller has fulfilled all of the conditions precedent in Section 2.2 of the Agreement and provided Notice from a Licensed Professional Engineer to Buyer substantially in the form of Exhibit H (the **“COD Certificate”**) and (ii) Seller has notified Buyer in writing that it has provided the required documentation to Buyer and met the conditions for achieving Commercial Operation. The **“Commercial Operation Date”** shall be the later of (x) sixty (60) days prior to the Expected Commercial Operation Date, or (y) the date on which Commercial Operation is achieved.

- a. Seller shall cause Commercial Operation for the Facility to occur by the Guaranteed Commercial Operation Date. Seller shall notify Buyer that it intends to achieve Commercial Operation at least sixty (60) days before the anticipated Commercial Operation Date.
- b. If Seller achieves the Commercial Operation Date by the Guaranteed Commercial Operation Date, all Construction Delay Damages paid by Seller shall be refunded by Buyer.
- c. If Seller does not achieve Commercial Operation by the Guaranteed Commercial Operation Date, Seller shall pay Commercial Operation Delay Damages to Buyer for each day after the Guaranteed Commercial Operation Date until the Commercial Operation Date. Commercial Operation Delay Damages shall be payable to Buyer by Seller until the Commercial Operation Date. Commercial Operation Delay Damages shall be paid in advance on a monthly basis by Seller to Buyer. A prorated amount of Commercial Operation Delay Damages will be returned to Seller if the Commercial Operation Date occurs during a month in which the Commercial Operation Delay Damages were paid in advance. The Parties agree that Buyer's receipt of Commercial Operation Delay Damages shall be Buyer's sole and exclusive remedy for Seller's unexcused delay in achieving the Commercial Operation Date on or before the Guaranteed Commercial Operation Date, but shall (x) not be construed as Buyer's declaration that an Event of Default has occurred under any provision of Section 11.1 and (y) not limit Buyer's right to declare an Event of Default under Section 11.2(b)(ii) and receive a Damage Payment upon exercise of Buyer's rights pursuant to Section 11.2.
- d. Notwithstanding any provision in this Agreement to the contrary, if the Commercial Operation Date has not occurred by [REDACTED] upon the prior written request of Buyer, Seller shall use commercially reasonable efforts to deliver to Buyer Resource Adequacy Benefits from a resource other than the Facility in a quantity not to exceed the Guaranteed RA Amount ("**Bridge Capacity**"), subject to the following terms and conditions:
 - 1. Seller shall be responsible for the cost of the Bridge Capacity, except that (i) the amount of Commercial Operation Delay Damages that would otherwise be owed by Seller during any such period of delivery of Bridge Capacity shall be reduced on a pro rata basis to reflect the quantity (in MW) of Bridge Capacity delivered to Buyer, and (ii) if the total cost of such Bridge Capacity for a Showing Month, including the costs and expenses incurred by Seller to procure such Bridge Capacity, is greater than the amount of Commercial Operation Delay Damages that would have otherwise been paid by Seller during such time period, Buyer will credit or reimburse Seller for all reasonable and documented out of pocket costs in excess of such amount.
 - 2. Bridge Capacity shall be required to comply with all applicable requirements of CPUC D.21-06-035, and in addition, meet the same sub-category attributes if contracted for one of the sub-categories of D.21-06-035.

3. The Parties shall cooperate in good faith on arrangements for such Bridge Capacity.
 4. The Bridge Capacity must (i) be accepted by the CAISO; and (ii) otherwise satisfy the requirements of this Agreement.
 5. Seller shall, or shall cause the SC to submit a Supply Plan for each Showing Month and, if applicable, annual filing, no later than the Notification Deadline for Buyer's Compliance Showings.
 6. Neither Party will be obligated to deliver or pay for any such Bridge Capacity until both Parties have consented to the terms and conditions of such delivery in writing.
3. **Extension of the Guaranteed Dates.** The Guaranteed Construction Start Date and the Guaranteed Commercial Operation Date shall both, subject to notice and documentation requirements set forth below, be automatically extended on a day-for-day basis (the "**Development Cure Period**") for the duration of any delays arising out of the following circumstances:
- a. a Force Majeure Event occurs;
 - b. Seller is unable to acquire material permits, consents, licenses, approvals or authorizations from any Governmental Authority required for Seller to construct, interconnect, or operate the Facility due to reasons outside of the reasonable control of Seller; or
 - c. the Interconnection Facilities or Network Upgrades are not complete and ready for the Facility to connect and sell Product at the Delivery Point by the Guaranteed Commercial Operation Date, due to reasons outside of the reasonable control of Seller.

Notwithstanding anything to the contrary, the cumulative extensions granted under the Development Cure Period shall not exceed [REDACTED] for any reason, including a Force Majeure Event. No extension shall be given under the Development Cure Period if (i) the delay was the result of Seller's failure to take all commercially reasonable actions to meet its requirements and deadlines, (ii) for extensions for a Force Majeure Event under subsection (a) above, if the delay does not otherwise satisfy the requirements of a Force Majeure Event, including the notice and documentation requirements under Section 10.3, or (iii) for delays that are not claimed as a Force Majeure Event, Seller failed to provide written notice as required in the next sentence. For delays that are not claimed as a Force Majeure Event, Seller shall provide prompt written notice to Buyer of a delay, but in no case more than thirty (30) days after Seller became aware of such delay, except that in the case of a delay occurring within sixty (60) days of the Expected Commercial Operation Date, or after such date, Seller must provide written notice within five (5) Business Days of Seller becoming aware of such delay. Upon request from Buyer, Seller shall provide documentation demonstrating to Buyer's reasonable satisfaction that and delays described above, including from Force Majeure Events, did not

result from Seller's actions or failure to take commercially reasonable actions.

4. **Failure to Reach Guaranteed Capacity.** If, at Commercial Operation, the Installed Capacity is less than one hundred percent (100%) of the Guaranteed Capacity, Seller shall have [REDACTED] days after the Commercial Operation Date to install additional capacity or Network Upgrades such that the Installed Capacity is equal to (but not greater than) the Guaranteed Capacity, and Seller shall provide to Buyer a new certificate substantially in the form attached as Exhibit I hereto specifying the new Installed Capacity. If Seller fails to construct the Guaranteed Capacity by such date, Seller shall pay "**Capacity Damages**" to Buyer, in an amount equal to [REDACTED] for each MW that the Guaranteed Capacity exceeds the Installed Capacity, multiplied by the Buyer's Share, and the Guaranteed Capacity and other applicable portions of the Agreement shall be adjusted accordingly.

EXHIBIT C
COMPENSATION

Buyer shall compensate Seller for the Product in accordance with this Exhibit C.

(a) Facility Energy. For each MWh of Facility Energy delivered in each Settlement Interval, Buyer shall pay Seller the difference of (A) the Contract Price, minus (B) the Day-Ahead Market Price at the Settlement Point (the "**DA LMP**") for such Settlement Interval; provided, however, that if the result of the difference of (A) minus (B) above results in a negative value, then Seller shall pay Buyer the absolute value of such result (which payment may be applied as a credit to Buyer on Seller's monthly invoice). Seller, through its Scheduling Coordinator, shall receive payment for Facility Energy from CAISO for such delivery based on the applicable Energy price, as published by CAISO. For the avoidance of doubt, Buyer is purchasing a bundled product and Seller's receipt of payment directly via CAISO settlements is for the Parties' mutual convenience.

(b) Excess Contract Year Deliveries. If, at any point in any Contract Year, the amount of Facility Energy exceeds [REDACTED] of the Expected Energy for such Contract Year, notwithstanding anything to the contrary in this Agreement, no payment shall be owed by Buyer for any additional Facility Energy.

(c) Excess Settlement Interval Deliveries. If during any Settlement Interval, Seller delivers Product amounts, in excess of the Facility Energy ("**Excess Energy**"), then the price applicable to all such Excess Energy in such Settlement Interval shall be Zero Dollars (\$0).

(d) Curtailment Payments. Seller shall receive no compensation from Buyer for Facility Energy during any Curtailment Period.

(e) Change in Tax Law. Notwithstanding any provision in this Agreement to the contrary, in the event that as a result of a Change in Tax Law, Seller or the Facility becomes eligible for or entitled to any new Tax Benefits or changes to or extensions of existing Tax Benefits, Seller and Buyer shall share such additional Tax Benefit Amount [REDACTED]

"**Change in Tax Law**" means (i) (A) any change in or amendment to the Code or another applicable federal income tax statute; (B) any change in, or issuance of, or promulgation of any temporary or final regulations by the U.S. Department of the Treasury that would result in any change to the interpretation of the Tax Code or existing temporary or final regulations promulgated by the U.S. Department of the Treasury; (C) any IRS guidance published in the Internal Revenue Bulletin and/or Cumulative Bulletin, notice, announcement, revenue ruling, revenue procedure, technical advice memorandum, examination directive or similar authority issued by the IRS Large Business and International division, or any published advice, advisory, or legal memorandum issued by IRS Chief Counsel, that applies, advances or articulates a new or different interpretation or analysis of any provision of the Code, any other applicable federal tax statute or any temporary or final Treasury Regulation promulgated thereunder; or (D) any change in the interpretation of any of the authorities described in clauses (A) through (C) by a decision

“Tax Benefits” means any state, local and/or federal tax benefit or incentive, including energy credits determined under Section 45 or 48 of the Internal Revenue Code of 1986, as amended, investment tax credits, production tax credits, depreciation, amortization, deduction, expense, exemption, preferential rate, and/or other tax benefit or incentive associated with the production of renewable energy and/or the operation of, construction, investments in or ownership of the Facility (including any cash payment or grant). [REDACTED]

Exhibit C - 2

EXHIBIT D

SCHEDULING COORDINATOR RESPONSIBILITIES

(a) Seller as Scheduling Coordinator for the Facility. Seller shall be the Scheduling Coordinator or designate a qualified third party to provide Scheduling Coordinator services for the Facility for the delivery of Facility Energy to the Delivery Point. At least thirty (30) days prior to the Initial Synchronization of the Facility to the PTO and CAISO Grid, (i) Seller shall take all actions to designate the Scheduling Coordinator for the Facility effective as of the Initial Synchronization of the Facility to the PTO and CAISO Grid, and (ii) Seller shall, and shall cause its designee to, take all actions and execute and deliver to Buyer and the CAISO all documents necessary to authorize or ensure Buyer or its designee is able to receive Guaranteed RA Amount from the Facility. On and after Initial Synchronization of the Facility to the PTO and CAISO Grid, Seller (as the Facility's SC) shall submit Schedules to the CAISO in accordance with this Agreement and the applicable CAISO Tariff, protocols and Scheduling practices for Product in accordance with Dynamic Resource-Specific System Resource requirements, and Seller shall schedule Energy into the CAISO market consistent with the requirements for resources used to meet the CPUC's Decision Requiring Procurement to Address Mid-Term Reliability (2023-2026), ("CPUC D.21-06-035").

(b) CAISO Costs and Revenues. Except as otherwise set forth below, Seller (as Scheduling Coordinator for the Facility) shall be responsible for CAISO costs (including penalties, Imbalance Energy costs, and other charges) and shall be entitled to all CAISO revenues (including credits, Imbalance Energy revenues, and other payments), including revenues associated with CAISO dispatches, bid cost recovery, Inter-SC Trade credits, or other credits in respect of the Product Scheduled or delivered from the Facility. Seller shall assume all liability for any and all costs, charges or sanctions associated with delivery of Resource Adequacy Benefits from the Facility (including Non-Availability Charges (as defined in the CAISO Tariff)); provided that any Availability Incentive Payments (as defined in the CAISO Tariff) are for the benefit of Seller and for Seller's account and that any Non-Availability Charges (as defined in the CAISO Tariff) are the responsibility of Seller and for Seller's account. In addition, if during the Delivery Term, the CAISO implements or has implemented any sanction or penalty related to scheduling, outage reporting, or generator operation, and any such sanctions or penalties are imposed upon the Facility or to Buyer due to failure by Seller to abide by the CAISO Tariff or any CAISO directive, or to perform in accordance with this Agreement, including with respect to the outage notification requirements set forth in this Agreement, the cost of the sanctions or penalties shall be Seller's responsibility.

(c) CAISO Settlements. Seller (as the Facility's SC) shall be responsible for all settlement functions with the CAISO related to the Facility.

(d) Customer Market Results Interface Access. Seller shall provide to Buyer read-only access to Seller's (or its SC's) Customer Market Results Interface for the Facility.

EXHIBIT E
PROGRESS REPORTING FORM

Each Progress Report must include the following items:

1. Executive Summary.
2. Facility description.
3. Site plan of the Facility.
4. Description of any material planned changes to the Facility or the Site.
5. Gantt chart schedule showing progress on achieving each of the Milestones.
6. Summary of activities during the previous calendar quarter or month, as applicable, including any OSHA labor hour reports.
7. Forecast of activities scheduled for the current calendar quarter.
8. Written description about Seller's progress towards achieving the Milestones, including whether Seller has met or is on target to meet the Milestones, identification of any missed Milestones, including the cause of delay, and a detailed description of Seller's corrective actions to achieve the missed Milestones and all subsequent Milestones by the Guaranteed Commercial Operation Date.
9. List of issues that are likely to potentially affect Seller's Milestones.
10. A status report of start-up activities including a forecast of activities ongoing and after start-up, a report on Facility performance including performance projections for the next twelve (12) months.
11. Prevailing wage reports as required by Law.
12. Progress and schedule of all major agreements, contracts, permits, approvals, technical studies, financing agreements and major equipment purchase orders showing the start dates, completion dates, and completion percentages.
13. Pictures, in sufficient quantity and of appropriate detail, in order to document construction and startup progress of the Facility, the interconnection into the Transmission System and all other interconnection utility services.
14. Any other documentation reasonably requested by Buyer.

EXHIBIT F
RESERVED

EXHIBIT G

GUARANTEED ENERGY PRODUCTION DAMAGES CALCULATION

In accordance with Section 4.7, if Seller fails to achieve the Guaranteed Energy Production during any Performance Measurement Period, a liquidated damages payment shall be due from Seller to Buyer, calculated as follows:

$$[(A - B) * (C - D)]$$

where:

A = the Guaranteed Energy Production amount for the Performance Measurement Period, in MWh

B = the Adjusted Energy Production amount for the Performance Measurement Period, in MWh

C = Price for Replacement Product for the Contract Year, in \$/MWh, which shall be calculated by Buyer in a commercially reasonable manner. Buyer is not required to enter into a replacement transaction in order to determine this amount.

D = the Contract Price for the Contract Year, in \$/MWh

No payment shall be due if the calculation of (A - B) or (C - D) yields a negative number.

Buyer will send Seller Notice of the amount of damages owing, if any, and such amount shall be payable to Buyer within thirty (30) days from the date of such Notice.

As used above:

“Adjusted Energy Production” shall mean the sum of the following: Facility Energy + Lost Output.

“Replacement Energy” means energy produced by a facility other than the Facility that, at the time delivered to Buyer, qualifies under Public Utilities Code 399.16(b)(1), and has Green Attributes that have the same or comparable value, including with respect to the timeframe for retirement of such Green Attributes, if any, as the Green Attributes that would have been generated by the Facility during the Contract Year for which the Replacement Energy is being provided, and that is scheduled as an Inter-SC Trade to Buyer and delivered to a delivery point and upon a schedule that is reasonably acceptable to Buyer.

“Replacement Green Attributes” means Renewable Energy Credits of the same Portfolio Content Category (i.e., PCC1) as the Green Attributes portion of the Product and of the same timeframe for retirement as the Renewable Energy Credits that would have been generated by the Facility during the Performance Measurement Period for which the Replacement Green Attributes are being provided.

“Replacement Product” means (a) Replacement Energy and (b) Replacement Green Attributes.

EXHIBIT H

FORM OF COMMERCIAL OPERATION DATE CERTIFICATE

This certification (“**Certification**”) of Commercial Operation is delivered by [*Licensed Professional Engineer*] (“**Engineer**”) to Desert Community Energy, a California joint powers authority (“**Buyer**”) in accordance with the terms of that certain Renewable Power Purchase Agreement dated [*Date*] (“**Agreement**”) by and between [*Name of Seller*], and Buyer. All capitalized terms used in this Certification but not otherwise defined herein shall have the respective meanings assigned to such terms in the Agreement.

As of [*Date*], Engineer hereby certifies and represents to Buyer the following:

1. Seller has installed equipment for the Facility with a nameplate capacity of no less than eighteen (18) MW.
2. The Facility’s testing included a performance test demonstrating peak electrical output of no less than eighteen (18) MW at the Delivery Point, as adjusted for ambient conditions on the date of the Facility testing, and such peak electrical output, as adjusted, was [*Peak output in MW*].
3. The Facility is fully operational, reliable and interconnected, fully integrated and synchronized with the Transmission System.
4. Seller has demonstrated functionality of the Facility’s communication systems and automatic generation control (AGC) interface to operate the Facility as necessary to respond and follow instructions, including an electronic signal conveying real time and intra-day instructions, directed by the Buyer in accordance with the Agreement and/or the CAISO.
5. Seller has commissioned all equipment in accordance with its respective manufacturer’s specifications,
6. Authorization to parallel the Facility was obtained by the Participating Transmission Provider, [*Name of Participating Transmission Owner as appropriate*] on [*Date*].
7. The Transmission Provider has provided documentation supporting full unrestricted release for Commercial Operation by [*Name of Participating Transmission Owner as appropriate*] on [*Date*].
8. The CAISO has provided notification supporting Commercial Operation, in accordance with the CAISO Tariff on [*Date*].

EXECUTED by [*Licensed Professional Engineer*]

this _____ day of _____, 20__.

[*LICENSED PROFESSIONAL ENGINEER*]

By: _____

Printed Name: _____

Title: _____

EXHIBIT I

FORM OF INSTALLED CAPACITY CERTIFICATE

This certification ("**Certification**") of Installed Capacity is delivered by [*Licensed Professional Engineer*] ("**Engineer**") to Desert Community Energy, a California joint powers authority ("**Buyer**") in accordance with the terms of that certain Renewable Power Purchase Agreement dated [*Date*] ("**Agreement**") by and between [*Name of Seller*] and Buyer. All capitalized terms used in this Certification but not otherwise defined herein shall have the respective meanings assigned to such terms in the Agreement.

I hereby certify that the performance test for the Facility demonstrated peak electrical output of [] MW AC at the Delivery Point, as adjusted for ambient conditions on the date of the performance test ("**Installed Capacity**").

EXECUTED by [*Licensed Professional Engineer*]

this [] day of [], 20 [].

[*LICENSED PROFESSIONAL ENGINEER*]

By: _____

Printed Name: _____

Title: _____

EXHIBIT J

FORM OF CONSTRUCTION START DATE CERTIFICATE

This certification of Construction Start Date (“**Certification**”) is delivered by [Name of Seller] (“**Seller**”) to Desert Community Energy, a California joint powers authority (“**Buyer**”) in accordance with the terms of that certain Renewable Power Purchase Agreement dated [Date] (“**Agreement**”) by and between Seller and Buyer. All capitalized terms used in this Certification but not otherwise defined herein shall have the respective meanings assigned to such terms in the Agreement.

Seller hereby certifies and represents to Buyer the following:

1. Construction Start (as defined in Exhibit B of the Agreement) has occurred, and a copy of the notice to proceed that Seller issued to its contractor as part of Construction Start is attached hereto;
2. the Construction Start Date occurred on [Date] (the “**Construction Start Date**”); and
3. the precise Site on which the Facility is located is, which must be within the boundaries of the previously identified Site: _____.

IN WITNESS WHEREOF, the undersigned has executed this Certification on behalf of Seller this _____ day of _____, 20____.

[_____]

By: _____

Printed Name: _____

Title: _____

EXHIBIT K
FORM OF LETTER OF CREDIT

[Issuing Bank Letterhead and Address]

IRREVOCABLE STANDBY LETTER OF CREDIT NO. [XXXXXXX]

Date: _____
Bank Ref.: _____
Amount: US\$ _____
Expiration Date: _____

APPLICANT DETAILS TO BE PROVIDED

Beneficiary:

Desert Community Energy
73710 Fred Waring Dr., Suite 200
Palm Desert, CA 92260
Attn: Tom Kirk, Executive Director

Ladies and Gentlemen:

By the order of _____ (“Applicant”), we, [insert bank name and address] (“Issuer”) hereby issue our Irrevocable Standby Letter of Credit No. [XXXXXXX] (the “Letter of Credit”) in favor of Desert Community Energy, a California joint powers authority (“Beneficiary”), for an amount not to exceed the aggregate sum of U.S. \$[XXXXXX] (United States Dollars [XXXXXX] and 00/100), pursuant to that certain Renewable Power Purchase Agreement dated as of [Date of Contract / Agreement should be in the past or on the date of issuance. In case of future contract date the Letter of Credit text will be adjusted to reflect this change] and as amended (the “Agreement”) between Applicant and Beneficiary. This Letter of Credit shall become effective immediately and shall expire on [XXXXXX] which is one year after the issue date of this Letter of Credit, or any expiration date extended in accordance with the terms hereof (the “Expiration Date”).

Funds under this Letter of Credit are available to Beneficiary by presentation on or before the Expiration Date of a dated statement purportedly signed by your duly authorized representative, in the form attached hereto as Exhibit A, containing one of the two alternative paragraphs set forth in paragraph 2 therein, referencing our Letter of Credit No. [XXXXXXX] (“Drawing Certificate”).

The Drawing Certificate may be presented by (a) physical delivery, (b) email to [bank email address], or (c) facsimile to [bank fax number] [optional if bank needs fax confirmation -, confirmed by [email to [bank email address]] [telephone confirmation to the Issuer at [phone number]]. Transmittal by facsimile or email shall be deemed delivered when received.

The original of this Letter of Credit (and all amendments, if any) is not required to be presented in connection with any presentment of a Drawing Certificate by Beneficiary hereunder in order to receive payment.

We hereby agree with the Beneficiary that documents presented under and in compliance with the terms of this Letter of Credit will be duly honored upon presentation to the Issuer on or before the Expiration Date. All payments made under this Letter of Credit shall be made with Issuer's own immediately available funds by means of wire transfer in immediately available United States dollars to Beneficiary's account as indicated by Beneficiary in its Drawing Certificate or in a communication accompanying its Drawing Certificate.

Partial draws are permitted under this Letter of Credit, and this Letter of Credit shall remain in full force and effect with respect to any continuing balance.

It is a condition of this Letter of Credit that the Expiration Date shall be deemed automatically extended without an amendment for a one year period beginning on the present Expiration Date hereof and upon each anniversary for such date, unless at least one hundred twenty (120) days prior to any such Expiration Date we have sent to you written notice by registered mail or overnight courier service that we elect not to extend this Letter of Credit, in which case it will expire on the date specified in such notice. No presentation made under this Letter of Credit after such Expiration Date will be honored.

Notwithstanding any reference in this Letter of Credit to any other documents, instruments or agreements, this Letter of Credit contains the entire agreement between Beneficiary and Issuer relating to the obligations of Issuer hereunder.

This Letter of Credit is issued subject to the rules of the 'International Standby Practices 1998', International Chamber of Commerce Publication No. 590 ("ISP98") and, as to matters not addressed by ISP98, shall be governed and construed in accordance with the laws of state of California.

Please address all correspondence regarding this Letter of Credit to the attention of the Letter of Credit Department at [*insert bank address information*], referring specifically to Issuer's Letter of Credit No. [XXXXXXX]. For telephone assistance, please contact Issuer's Standby Letter of Credit Department at [XXX-XXX-XXXX] and have this Letter of Credit available.

All notices to Beneficiary shall be in writing and are required to be sent by certified letter, overnight courier, or delivered in person to: Desert Community Energy, Attn: Tom Kirk, Executive Director, 73710 Fred Waring Dr., Suite 200, Palm Desert, CA 92260. Only notices to Beneficiary meeting the requirements of this paragraph shall be considered valid. Any notice to Beneficiary which is not in accordance with this paragraph shall be void and of no force or effect.

[Bank Name]

[Insert officer name]

[Insert officer title]

Exhibit A: (DRAW REQUEST SHOULD BE ON BENEFICIARY’S LETTERHEAD)

Drawing Certificate

[Insert Bank Name and Address]

Ladies and Gentlemen:

The undersigned, a duly authorized representative of Desert Community Energy, a California joint powers authority, as beneficiary (the “Beneficiary”) of the Irrevocable Letter of Credit No. [XXXXXXX] (the “Letter of Credit”) issued by [insert bank name] (the “Bank”) by order of _____ (the “Applicant”), hereby certifies to the Bank as follows:

1. Applicant and Beneficiary are party to that certain Renewable Power Purchase Agreement dated as of _____, 20__ (the “Agreement”).
2. Beneficiary is making a drawing under this Letter of Credit in the amount of U.S. \$_____ because a Seller Event of Default (as such term is defined in the Agreement) or other occasion provided for in the Agreement where Beneficiary is authorized to draw on the Letter of Credit has occurred.

OR

Beneficiary is making a drawing under this Letter of Credit in the amount of U.S. \$_____, which equals the full available amount under the Letter of Credit, because Applicant is required to maintain the Letter of Credit in force and effect beyond the Expiration Date of the Letter of Credit but has failed to provide Beneficiary with a replacement Letter of Credit or other acceptable instrument within forty-five (45) days prior to such Expiration Date.

3. The undersigned is a duly authorized representative of Desert Community Energy and is authorized to execute and deliver this Drawing Certificate on behalf of Beneficiary.

You are hereby directed to make payment of the requested amount to Desert Community Energy by wire transfer in immediately available funds to the following account:

[Specify account information]

Desert Community Energy

Name and Title of Authorized Representative

Date _____

EXHIBIT L

FORM OF GUARANTY

This Guaranty (this “Guaranty”) is entered into as of [Date] (the “Effective Date”) by and between [], a [] (“Guarantor”), and Desert Community Energy, a California joint powers authority (together with its successors and permitted assigns, “Buyer”).

Recitals

- A. Buyer and [SELLER ENTITY], a _____ (“Seller”), entered into that certain Renewable Power Purchase Agreement (as amended, restated or otherwise modified from time to time, the “PPA”) dated as of [], 20__.
- B. Guarantor is entering into this Guaranty as Performance Security to secure Seller’s obligations under the PPA, as required by Section 8.8 of the PPA.
- C. It is in the best interest of Guarantor to execute this Guaranty inasmuch as Guarantor will derive substantial direct and indirect benefits from the execution and delivery of the PPA.
- D. Initially capitalized terms used but not defined herein have the meaning set forth in the PPA.

Agreement

1. **Guaranty.** For value received, Guarantor does hereby unconditionally, absolutely and irrevocably guarantee, as primary obligor and not as a surety, to Buyer the full, complete and prompt payment by Seller of any and all amounts and payment obligations now or hereafter owing from Seller to Buyer under the PPA, including, without limitation, compensation for penalties, the Termination Payment, indemnification payments or other damages, as and when required pursuant to the terms of the PPA (the “Guaranteed Amount”), provided, that Guarantor’s aggregate liability under or arising out of this Guaranty shall not exceed _____ Dollars (\$_____). The Parties understand and agree that any payment by Guarantor or Seller of any portion of the Guaranteed Amount shall thereafter reduce Guarantor’s maximum aggregate liability hereunder on a dollar-for-dollar basis. This Guaranty is an irrevocable, absolute, unconditional and continuing guarantee of the full and punctual payment and performance, and not of collection, of the Guaranteed Amount and, except as otherwise expressly addressed herein, is in no way conditioned upon any requirement that Buyer first attempt to collect the payment of the Guaranteed Amount from Seller, any other guarantor of the Guaranteed Amount or any other Person or entity or resort to any other means of obtaining payment of the Guaranteed Amount. In the event Seller shall fail to duly, completely or punctually pay any Guaranteed Amount as required pursuant to the PPA, Guarantor shall promptly pay such amount as required herein.

2. **Demand Notice.** For avoidance of doubt, a payment shall be due for purposes of this Guaranty only when and if a payment is due and payable by Seller to Buyer under the terms and conditions of the Agreement. If Seller fails to pay any Guaranteed Amount as required pursuant to the PPA for five (5) Business Days following Seller’s receipt of Buyer’s written notice of such

failure (the “Demand Notice”), then Buyer may elect to exercise its rights under this Guaranty and may make a demand upon Guarantor (a “Payment Demand”) for such unpaid Guaranteed Amount. A Payment Demand shall be in writing and shall reasonably specify in what manner and what amount Seller has failed to pay and an explanation of why such payment is due and owing, with a specific statement that Buyer is requesting that Guarantor pay under this Guaranty. Guarantor shall, within five (5) Business Days following its receipt of the Payment Demand, pay the Guaranteed Amount to Buyer.

3. **Scope and Duration of Guaranty.** This Guaranty applies only to the Guaranteed Amount. This Guaranty shall continue in full force and effect from the Effective Date until the earlier of the following: (x) all Guaranteed Amounts have been paid in full (whether directly or indirectly through set-off or netting of amounts owed by Buyer to Seller), or (y) replacement Performance Security is provided in an amount and form required by the terms of the PPA. Further, this Guaranty (a) shall remain in full force and effect without regard to, and shall not be affected or impaired by any invalidity, irregularity or unenforceability in whole or in part of this Guaranty, and (b) subject to the preceding sentence, shall be discharged only by complete performance of the undertakings herein. Without limiting the generality of the foregoing, the obligations of the Guarantor hereunder shall not be released, discharged, or otherwise affected and this Guaranty shall not be invalidated or impaired or otherwise affected for the following reasons:

- (i) the extension of time for the payment of any Guaranteed Amount, or
- (ii) any amendment, modification or other alteration of the PPA, or
- (iii) any indemnity agreement Seller may have from any party, or
- (iv) any insurance that may be available to cover any loss, except to the extent insurance proceeds are used to satisfy the Guaranteed Amount, or
- (v) any voluntary or involuntary liquidation, dissolution, receivership, insolvency, bankruptcy, assignment for the benefit of creditors, reorganization, arrangement, composition or readjustment of, or other similar proceeding affecting, Seller or any of its assets, including but not limited to any rejection or other discharge of Seller’s obligations under the PPA imposed by any court, trustee or custodian or any similar official or imposed by any law, statute or regulation, in each such event in any such proceeding, or
- (vi) the release, modification, waiver or failure to pursue or seek relief with respect to any other guaranty, pledge or security device whatsoever, or
- (vii) any payment to Buyer by Seller that Buyer subsequently returns to Seller pursuant to court order in any bankruptcy or other debtor-relief proceeding, or
- (viii) those defenses based upon (A) the legal incapacity or lack of power or authority of any Person, including Seller and any representative of Seller to enter into the PPA or perform its obligations thereunder, (B) lack of due execution, delivery, validity or enforceability, including of the PPA, or (C) Seller’s inability to pay any Guaranteed Amount or perform its obligations under the PPA, or

- (ix) any other event or circumstance that may now or hereafter constitute a defense to payment of the Guaranteed Amount, including, without limitation, statute of frauds and accord and satisfaction;

provided that, subject to Guarantor's payment of a Guaranteed Amount in accordance with Paragraph 2, Guarantor reserves the right to assert for itself in a subsequent proceeding any defenses, setoffs or counterclaims that Seller is or may be entitled to assert against Buyer (except for such defenses, setoffs or counterclaims that may be asserted by Seller with respect to the PPA, but that are expressly waived under any provision of this Guaranty).

4. **Waivers by Guarantor.** Guarantor hereby unconditionally waives as a condition precedent to the performance of its obligations hereunder, with the exception of the requirements in Paragraph 2, (a) notice of acceptance, presentment or protest with respect to the Guaranteed Amounts and this Guaranty, (b) notice of any action taken or omitted to be taken by Buyer in reliance hereon, (c) any requirement that Buyer exhaust any right, power or remedy or proceed against Seller under the PPA, and (d) any event, occurrence or other circumstance which might otherwise constitute a legal or equitable discharge of a surety. Without limiting the generality of the foregoing waiver of surety defenses, it is agreed that the occurrence of any one or more of the following shall not affect the liability of Guarantor hereunder:

- (i) at any time or from time to time, without notice to Guarantor, the time for payment of any Guaranteed Amount shall be extended, or such performance or compliance shall be waived;
- (ii) the obligation to pay any Guaranteed Amount shall be modified, supplemented or amended in any respect in accordance with the terms of the PPA;
- (iii) subject to Paragraph 9, any (a) sale, transfer or consolidation of Seller into or with any other entity, (b) sale of substantial assets by, or restructuring of the corporate existence of, Seller or (c) change in ownership of any membership interests of, or other ownership interests in, Seller; or
- (iv) the failure by Buyer or any other Person to create, preserve, validate, perfect or protect any security interest granted to, or in favor of, Buyer or any Person.

5. **Subrogation.** Notwithstanding any payments that may be made hereunder by the Guarantor, Guarantor hereby agrees that until the earlier of payment in full of all Guaranteed Amounts or expiration of the Guaranty in accordance with Paragraph 3, it shall not be entitled to, nor shall it seek to, exercise any right or remedy arising by reason of its payment of any Guaranteed Amount under this Guaranty, whether by subrogation or otherwise, against Seller or seek contribution or reimbursement of such payments from Seller.

6. **Representations and Warranties.** Guarantor hereby represents and warrants that (a) it has all necessary and appropriate [*limited liability company*][*corporate*] powers and authority and the legal right to execute and deliver, and perform its obligations under, this Guaranty, (b) this Guaranty constitutes its legal, valid and binding obligations enforceable against it in accordance with its terms, except as enforceability may be limited by bankruptcy, insolvency, moratorium and other similar laws affecting enforcement of creditors' rights or general principles of equity, (c) the

execution, delivery and performance of this Guaranty does not and will not contravene Guarantor's organizational documents, any applicable Law or any contractual provisions binding on or affecting Guarantor, (d) there are no actions, suits or proceedings pending before any court, governmental agency or arbitrator, or, to the knowledge of the Guarantor, threatened, against or affecting Guarantor or any of its properties or revenues which may, in any one case or in the aggregate, adversely affect the ability of Guarantor to enter into or perform its obligations under this Guaranty, and (e) no consent or authorization of, filing with, or other act by or in respect of, any arbitrator or Governmental Authority, and no consent of any other Person (including, any stockholder or creditor of the Guarantor), that has not heretofore been obtained is required in connection with the execution, delivery, performance, validity or enforceability of this Guaranty by Guarantor.

7. **Notices.** Notices under this Guaranty shall be deemed received if sent to the address specified below: (i) on the day received if served by overnight express delivery, and (ii) four Business Days after mailing if sent by certified, first class mail, return receipt requested. If transmitted by facsimile, such notice shall be deemed received when the confirmation of transmission thereof is received by the party giving the notice. Any party may change its address or facsimile to which notice is given hereunder by providing notice of the same in accordance with this Paragraph 7.

If delivered to Buyer, to it at

[]

Attn: []

Fax: []

If delivered to Guarantor, to it at

[]

Attn: []

Fax: []

8. **Governing Law and Forum Selection.** This Guaranty shall be governed by, and interpreted and construed in accordance with, the laws of the United States and the State of California, excluding choice of law rules. The Parties agree that any suit, action or other legal proceeding by or against any party (or its affiliates or designees) with respect to or arising out of this Guaranty shall be brought in the federal courts of the United States or the courts of the State of California sitting in the City and County of Los Angeles, California.

9. **Miscellaneous.** This Guaranty shall be binding upon Guarantor and its successors and assigns and shall inure to the benefit of Buyer and its successors and permitted assigns pursuant to the PPA. No provision of this Guaranty may be amended or waived except by a written instrument executed by Guarantor and Buyer. This Guaranty is not assignable by Guarantor without the prior written consent of Buyer. No provision of this Guaranty confers, nor is any provision intended to confer, upon any third party (other than Buyer's successors and permitted assigns) any benefit or right enforceable at the option of that third party. This Guaranty embodies the entire agreement and understanding of the parties hereto with respect to the subject matter hereof and supersedes all prior or contemporaneous agreements and understandings of the parties hereto, verbal or written, relating to the subject matter hereof. If any provision of this Guaranty is determined to be illegal or

unenforceable (i) such provision shall be deemed restated in accordance with applicable Laws to reflect, as nearly as possible, the original intention of the parties hereto and (ii) such determination shall not affect any other provision of this Guaranty and all other provisions shall remain in full force and effect. This Guaranty may be executed in any number of separate counterparts, each of which when so executed shall be deemed an original, and all of said counterparts taken together shall be deemed to constitute one and the same instrument. This Guaranty may be executed and delivered by electronic means with the same force and effect as if the same was a fully executed and delivered original manual counterpart.

[Signature on next page]

IN WITNESS WHEREOF, the undersigned has caused this Guaranty to be duly executed and delivered by its duly authorized representative on the date first above written.

GUARANTOR:

[_____]

By: _____

Printed Name: _____

Title: _____

BUYER:

[_____]

By: _____

Printed Name: _____

Title: _____

By: _____

Printed Name: _____

Title: _____

EXHIBIT M

FORM OF REPLACEMENT RA NOTICE

This Replacement RA Notice (this “**Notice**”) is delivered by [*Name of Seller*] (“**Seller**”) to Desert Community Energy, a California joint powers authority (“**Buyer**”) in accordance with the terms of that certain Renewable Power Purchase Agreement dated [*Date*] (“**Agreement**”) by and between Seller and Buyer. All capitalized terms used in this Notice but not otherwise defined herein shall have the respective meanings assigned to such terms in the Agreement.

Pursuant to Section 3.8(b) of the Agreement, Seller hereby provides the below Replacement RA product information:

Unit Information¹

Name	
Location	
CAISO Resource ID	
Unit SCID	
Prorated Percentage of Unit Factor	
Resource Type	
Point of Interconnection with the CAISO Controlled Grid (“substation or transmission line”)	
Path 26 (North or South)	
LCR Area (if any)	
Deliverability restrictions, if any, as described in most recent CAISO deliverability assessment	
Run Hour Restrictions	
Delivery Period	

Month	Unit CAISO NQC (MW)	Unit Contract Quantity (MW)
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

¹ To be repeated for each unit if more than one.

[REDACTED]

By: _____

Printed Name: _____

Title: _____

EXHIBIT N

NOTICES

Cape Generating Station 1 LLC	Desert Community Energy
All Notices: Street: 609 Main St., 25th Floor City: Houston, TX 77002 Attn: Dawn Owens, Head of Development Phone: [REDACTED] Email: dawn@fervoenergy.com ; notices@fervoenergy.com	All Notices: Street: 73-710 Fred Waring Drive, Suite 200 City: Palm Desert, CA 92260 Attn: Tom Kirk, Executive Director Attn: David Freedman, Program Manager Phone: 760-346-1127 Email: tkirk@cvag.org Email: dfreedman@cvag.org With a copy to: Street: 405 114th Ave SE #100 City: Bellevue, WA 98004 Attn: TEA CAISO Desk Phone: 425-460-1118 Facsimile: 425-372-0201 Email: Group-Corp-TradingCaiso@teainc.org
Reference Numbers: Duns: [REDACTED] Federal Tax ID Number: [REDACTED]	Reference Numbers: Duns: [REDACTED] Federal Tax ID Number: [REDACTED]
Invoices: Attn: Cybil Varghese, Supply Chain Phone: [REDACTED] Email: accountspayable@fervoenergy.com	Invoices: Attn: Janice Reitman, Accounting Manager Phone: 760-346-1127 Email: jreitman@cvag.org
Scheduling: Attn: Dawn Owens, Head of Development Phone: [REDACTED] Email: dawn@fervoenergy.com	Scheduling: Attn: TEA CAISO Desk Phone: 425-460-1118 Facsimile: 425-372-0201 Email: Group-Corp-TradingCaiso@teainc.org
Confirmations: Attn: Dawn Owens, Head of Development Phone: [REDACTED] Email: dawn@fervoenergy.com	Confirmations: Attn: Janice Reitman, Accounting Manager Phone: 760-346-1127 Email: jreitman@cvag.org
Payments: Attn: David Ulrey, CFO Phone: [REDACTED] Email: david.ulrey@fervoenergy.com	Payments: Attn: Janice Reitman, Accounting Manager Phone: 760-346-1127 Email: jreitman@cvag.org

Cape Generating Station 1 LLC	Desert Community Energy
Wire Transfer: [REDACTED]	Wire Transfer: [REDACTED]
With additional Notices of an Event of Default to: Attn: Legal Notices Street: 1999 Harrison Street, Suite 1800 City: Oakland, CA 94612 Email: notices@fervoenergy.com	With additional Notices of an Event of Default to: Attn: Kenyon Potter, Director Phone: 760-346-1127 Email: kpotter@cvag.org With a copy to: Attn: Ryan M.F Baron, Best Best & Krieger LLP Phone: 949-263-6568 Email: ryan.baron@bbklaw.com With a copy to: Attn: TEA CAISO Desk Phone: 425-460-1118 Facsimile: 425-372-0201 Email: Group-Corp-TradingCaiso@teainc.org
Emergency Contact: Attn: Dawn Owens, Head of Development Phone: [REDACTED] Email: dawn@fervoenergy.com	Emergency Contact: Attn: TEA CAISO Desk Phone: 425-460-1118 Facsimile: 425-372-0201 Email: Group-Corp-TradingCaiso@teainc.org

EXHIBIT O

OPERATING RESTRICTIONS

- Nameplate capacity of the Facility: [REDACTED]
- Pmin: [REDACTED]
- Ramp rate: [REDACTED]

EXHIBIT P
METERING DIAGRAM

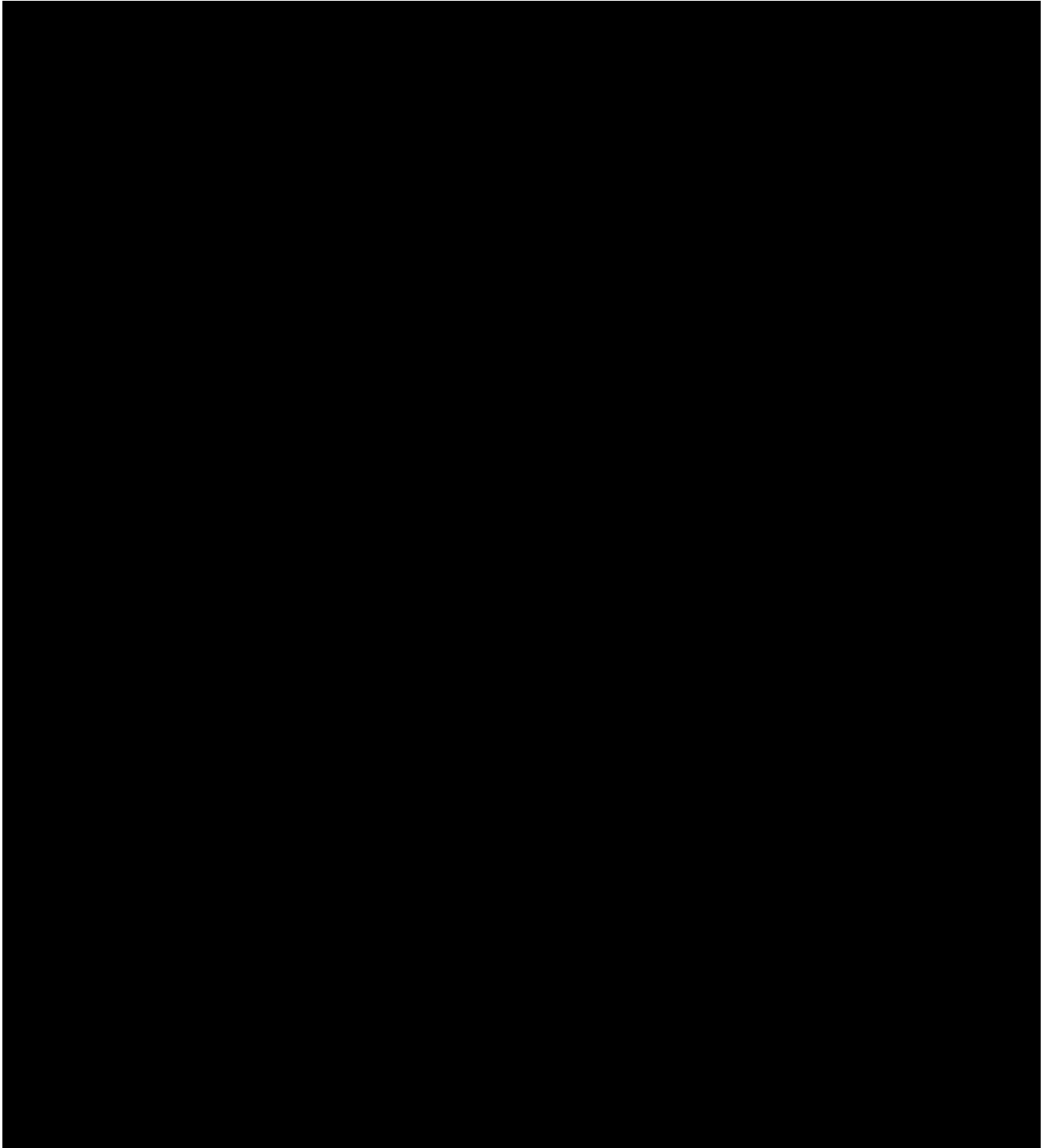


EXHIBIT Q
RESERVED

EXHIBIT R
RESERVED

EXHIBIT S
RESERVED

EXHIBIT T

FORM OF HOURLY METER AND E-TAG RECONCILIATION REPORT

Annual Hourly Comparison for PCC 1 Claims Scheduled into a California Balancing Authority								
Date	Hour Ending	E-Tag ID Number	Hourly Final Schedule (MWh)	Hourly Meter Data (MWh)	Percent Share of Final Schedule (%)	Percent Share of Facility Generation Output (%)	RPS Contract ID	Preliminary Estimate of Eligible PCC 1 Volume (MWh)

Attachment D

Cape Generating Station Engineering Assessment



114 Main St., Ste 200
Houston, TX 77002

January 30, 2023

By electronic service

Attn: Tom Kirk
Executive Director
Desert Community Energy
73-710 Fred Waring Drive, Suite 200
Palm Desert, CA 92260
tkirk@cvag.org
dfreedman@cvag.org

RE: Capacity Factor Engineering Report for the CPUC

To Whom it May Concern,

Please find attached a redacted version of a July 28, 2022 performance report for Cape Station geothermal plant. The report discusses costs and performance estimates for two projects. Our development plan consists of building out multiple identical modules depending on project size, these sizes are very likely to change in the final design. The performance characteristics of these plants will be indicative of the performance of the final design.

To calculate our capacity factors we rely on the Energy Information Agency's method according to the following formula¹:

Average Capacity Factors

This section describes the methodology for calculating capacity factors by fuel and technology type for operating electric power plants. Capacity factor is a measure (expressed as a percent) of how often an electric generator operates over a specific period of time, using a ratio of the actual output to the maximum possible output over that period.

The capacity factor calculation only includes operating electric generators in the Electric Power Sector (sectors 1, 2, and 3) using the net generation reported on the Form EIA-923 and the net summer capacity reported on the form EIA-860. The capacity factor for a particular fuel/technology type is given by:

$$Capacity\ Factor_{x,m} = \left(\frac{\sum Generation_{x,m}}{\sum Capacity_{x,m} \times Available\ Time_{x,m}} \right)$$

The net summer capacity is defined as the maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of summer peak demand (period of June 1 through September 30.) This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

¹US Energy Information Agency, "Appendix C. Technical Notes" *US DOE*.
<https://www.eia.gov/electricity/monthly/pdf/technotes.pdf>.

- For Cape Station, the maximum output between June 1 through September 30 is 132 MW.²

Location	Net Available Annual Generation (GWh) ³	Net Summer Capacity x Available Time (GWh)	Capacity Factor
Cape Station	1,036	132 MW x 8,760 = 1,156	90%

Sincerely,



Dawn Owens
VP, Head of Development and Commercial Markets
Fervo Energy

CC: David Freedman

² See attached portion of our Turboden provided 8760 showing the highest production between June 1 and September 30, file: "Fervo_Cape_MaxSummerOutputCape_Redacted.pdf".

³ See page 19 in the attached performance report from Turboden, file: "Fervo_Cape_P20053-ENG.ICS-1100-rev.0_01262023_Redacted.pdf".

CAPE STATION						
Net Electric power output takes into account both ORC parasitic loads and ESPs consumption as indicated by the Buyer.						
month	day	hour	Ambient Temperature [°C]	Net electric power [MW]	Net electric power [MW]	Net electric power [MW]
9	30	7	6.6			131.9

Performance report

- Cape Station and Corsac Station Geothermal Plants -

Rev.	Description	Author	Controlled by	Approved by	Date
0	First release	AB0386	CP0128	MD0098	28/07/2022

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PARTIES

Seller: Turboden S.p.A.

Seller's registered office: Via Cernaia, 10 – 25124 Brescia, Italy

Buyer: Fervo Energy

1 SCOPE

The scope of this document is to provide the performances of the ORC turbogenerator for Cape Station and Corsac Station Geothermal Plant. Correction curves to calculate the electric power production depending on the air ambient temperature will be provided, together with expected annual energy production.

2 DEFINITIONS

-	ACC:	Air Cooled Condenser.
-	MNEP:	Measured Net Electric Power.
-	ATD:	Ambient Air Dry Bulb Temperature.
-	COSPHI:	Measured power factor of the generator.
-	DCS:	Distributed Control System.
-	F:	Overall correction factor, sum of the single parameter correction factors.
-	F.S.O.:	Full Scale Output.
-	GBCP:	Geothermal Brine Heat Capacity (at average temperature between inlet and outlet).
-	GBD:	Geothermal Brine Density.
-	GBF:	Geothermal Brine Flowrate.
-	GBIT:	Geothermal Brine Temperature at ORC inlet.
-	GBOT:	Geothermal Brine Temperature at ORC outlet.
-	MAXGEP:	Maximum electric power output of the generator, as per generator datasheet.
-	NNEP:	Nominal Net Electric Power.

Subject: Performance report

- **ORC:** Organic Rankine Cycle.
- **V:** Measured Voltage of the generator.
- **GNEP:** Guaranteed Net Electric Power.

Please note that the point "." denotes the thousands separator, while the comma "," denotes the decimal separator.

3 GUARANTEED PERFORMANCE DATA

The guaranteed electric power and the relevant heating and cooling conditions are defined as Nominal.

The nominal performance data are calculated according to the following "Design specification data" in three alternative design scenarios, both for Cape and Corsac Station:

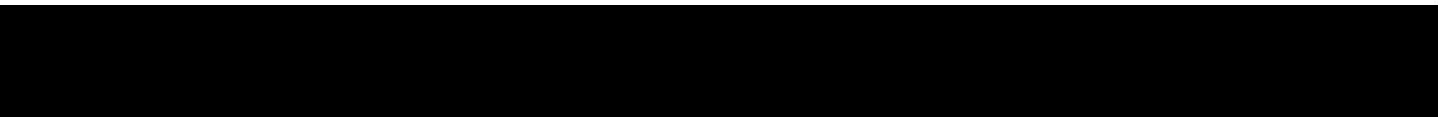
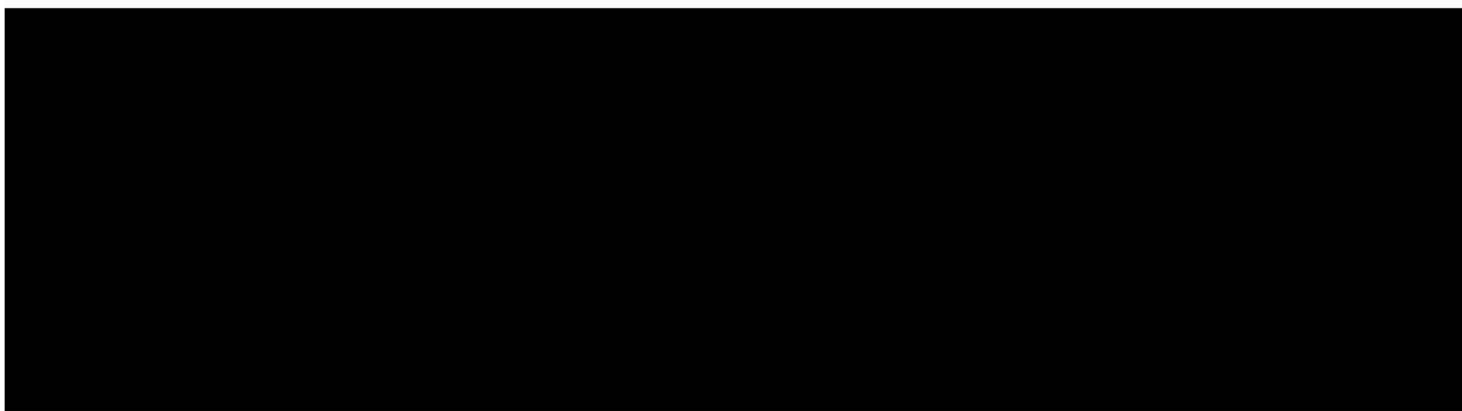
CAPE STATION - Properties	Unit	
Geothermal Brine Temperature at ORC inlet	°C	
Geothermal Brine Fluid Flow Rate	kg/s	
Geothermal Brine Inlet Pressure	bara	
Ambient Dry Bulb Temperature	°C	
Geothermal Brine Temperature at ORC outlet @ nominal condition	°C	
Geothermal Brine Temperature at ORC outlet @ winter condition	°C	
Thermal power input	MW th	
Geothermal Brine Density at ORC inlet	kg/m ³	
Geothermal Brine Heat Capacity at ORC inlet	kJ/(kg K)	
Geothermal Brine Average Heat Capacity	kJ/(kg K)	
Geothermal Brine Heat Capacity at ORC outlet	kJ/(kg K)	

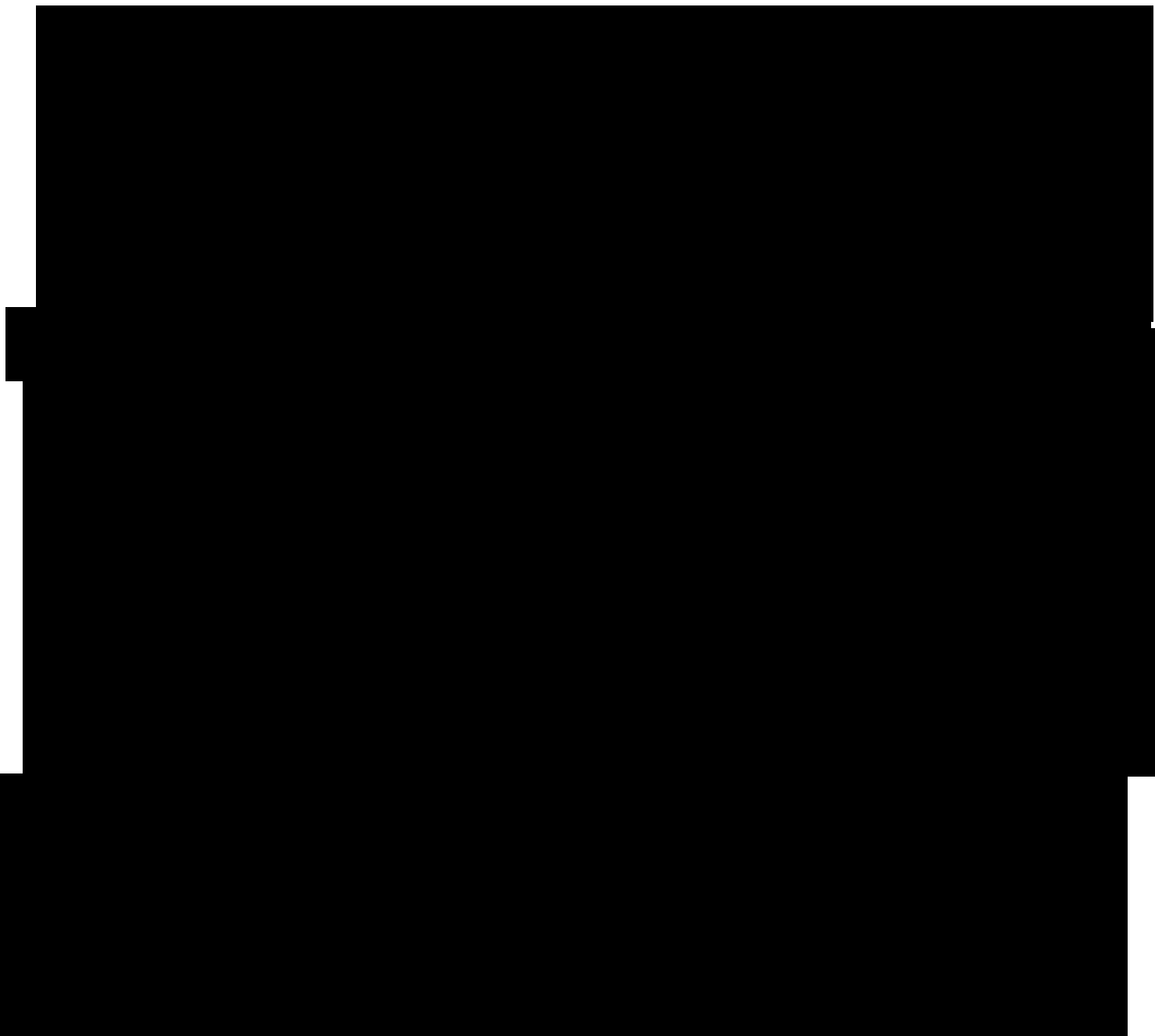
Table 1

CORSAC STATION - Properties	Unit
Geothermal Brine Temperature at ORC inlet	°C
Geothermal Brine Fluid Flow Rate	kg/s
Geothermal Brine Inlet Pressure	bara
Ambient Dry Bulb Temperature	°C
Geothermal Brine Temperature at ORC outlet @ nominal condition	°C
Geothermal Brine Temperature at ORC outlet @ winter condition	°C
Thermal power input	MW th
Geothermal Brine Density at ORC inlet	kg/m ³
Geothermal Brine Heat Capacity at ORC inlet	kJ/(kg K)
Geothermal Brine Average Heat Capacity	kJ/(kg K)
Geothermal Brine Heat Capacity at ORC outlet	kJ/(kg K)

Table 2

Therefore, the nominal thermodynamic properties of the geothermal water assumed as basis of the guaranteed performance calculation are reported in Table 1 and in Table 2, respectively for Cape Station and Corsac Station.





4 PERFORMANCE CORRECTION FACTOR



Subject: Performance report

[REDACTED]

The following correction factor curves are provided on the basis of the Ambient Air Dry Bulb Temperature (ADT):

- Correction Factor F_1 : Ambient Air Dry Bulb Temperature

[REDACTED]

These curves are developed varying the Ambient Air Dry Bulb Temperature (ATD) and considering constant:

- Geothermal Brine Temperature at ORC inlet (GBIT)
- Geothermal Brine Flowrate (GBF)

For each reported case, the annual energy production has been computed on the basis of the provided hourly temperature of a significative mean year provided by Buyer, by applying the aforementioned correction curves.

[REDACTED]

6 CORRECTION CURVES AND ANNUAL ENERGY PRODUCTION

In this Section, correction curves and expected electric and thermal annual energy production will be reported for each of the three design Scenarios.

Geothermal water design specification data are summarized

Properties	Unit
Geothermal Brine Temperature at ORC inlet	°C
Geothermal Brine Fluid Flow Rate	
Cape Station	kg/s
Corsac Station	kg/s
Geothermal Brine Inlet Pressure	bara

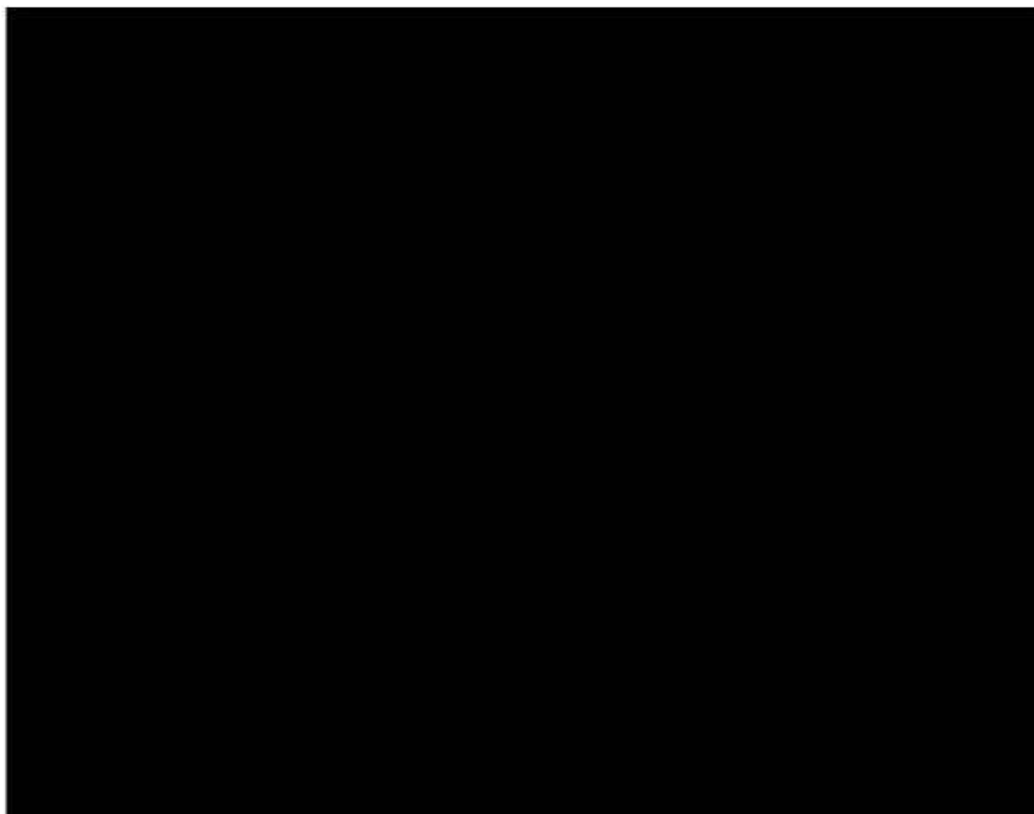
Table 4

6.1.1 Ambient Air Dry Bulb Temperature (ATD) Correction Factor F_1 for Cape Station

Properties	Unit
Ambient Dry Bulb Temperature	°C
Net Power (ORC and ESPs consumption)	kW
ESPs own consumption	kW
Electrical Net Power (ESPs consumption excluded)	kW
Electrical Net Power Correction Factor	-
ORC own consumption	kW

Table 5

The correction factor curve F_1 for Cape Station is shown in Figure 1 and corresponds to the following formula:



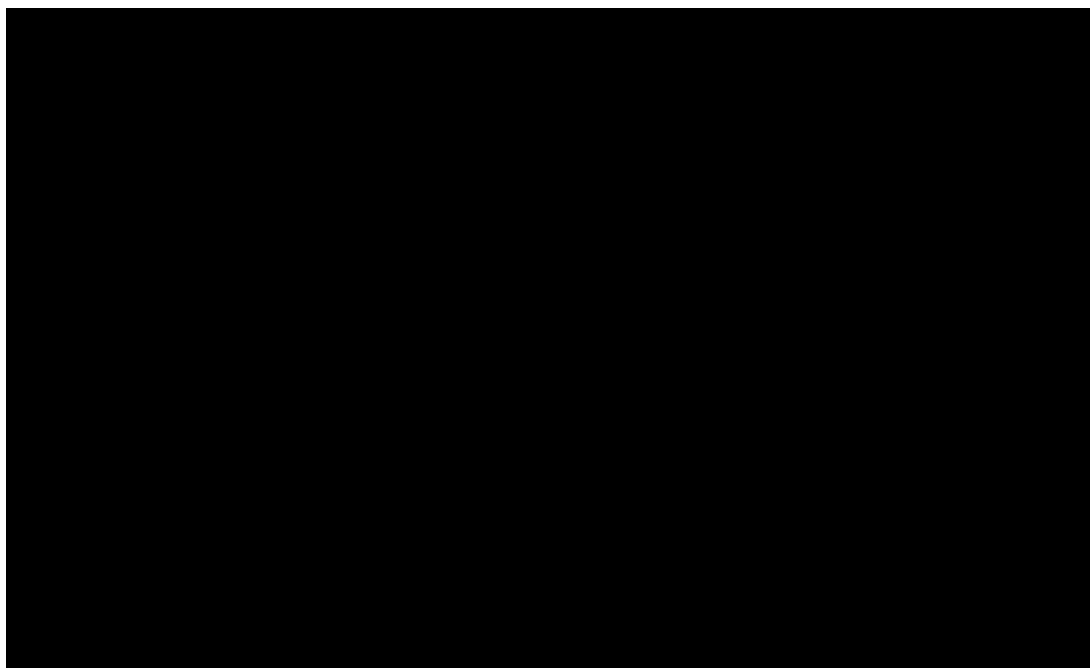
6.1.2 Ambient Air Dry Bulb Temperature (ATD) Correction Factor F_1 for Corsac Station

Properties	Unit	
Ambient Dry Bulb Temperature	°C	
Net Power (ORC and ESPs consumption)	kW	
ESPs own consumption	kW	
Electrical Net Power (ESPs consumption excluded)	kW	
Electrical Net Power Correction Factor	-	
ORC own consumption	kW	

Table 6

The correction factor curve F_1 for Corsac Station is shown in Figure 2 and corresponds to the following formula:





Subject: Performance report



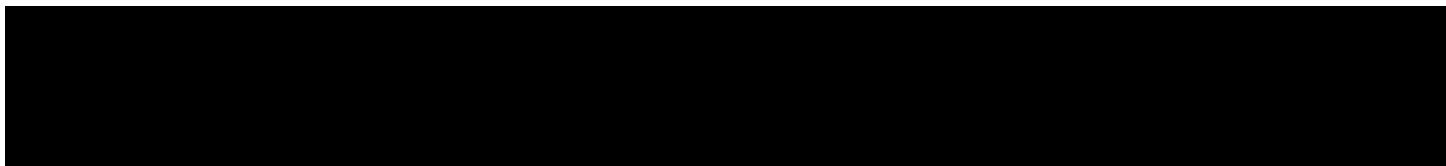
Properties	Unit			
Geothermal Brine Temperature at ORC inlet	°C			
Geothermal Brine Fluid Flow Rate				
Cape Station	kg/s			
Corsac Station	kg/s			
Geothermal Brine Inlet Pressure	bara			

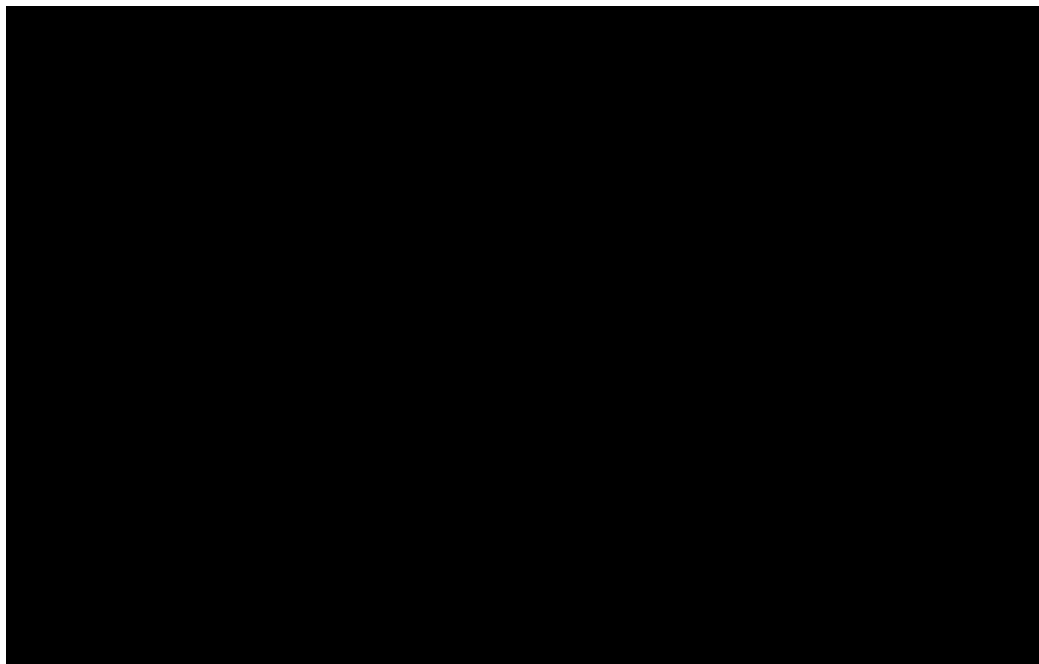
Table 7

6.2.1 Ambient Air Dry Bulb Temperature (ATD) Correction Factor F_1 for Cape Station

Properties	Unit			
Ambient Dry Bulb Temperature	°C			
Net Power (ORC and ESPs consumption)	kW			
ESPs own consumption	kW			
Electrical Net Power (ESPs consumption excluded)	kW			
Electrical Net Power Correction Factor	-			
ORC own consumption	kW			

Table 8

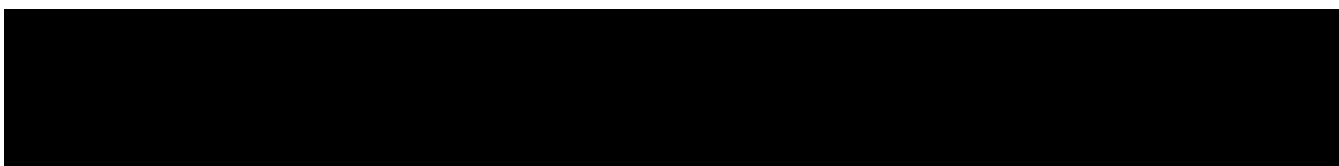




6.2.2 Ambient Air Dry Bulb Temperature (ATD) Correction Factor F_1 for Corsac Station

Properties	Unit	
Ambient Dry Bulb Temperature	°C	
Net Power (ORC and ESPs consumption)	kW	
ESPs own consumption	kW	
Electrical Net Power (ESPs consumption excluded)	kW	
Electrical Net Power Correction Factor	-	
ORC own consumption	kW	

Table 9



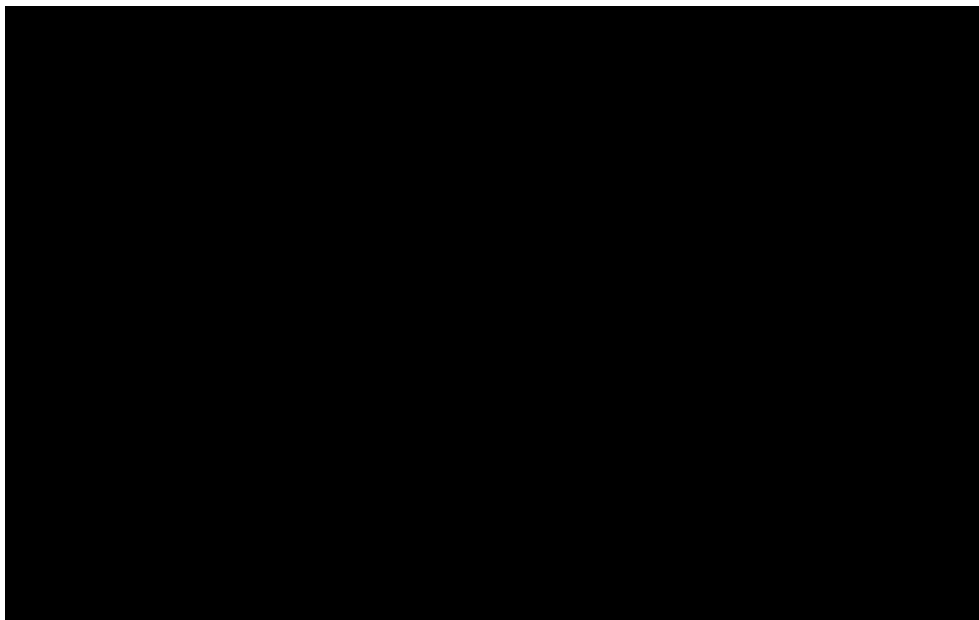


Figure 4



Properties	Unit	
Geothermal Brine Temperature at ORC inlet	°C	
Geothermal Brine Fluid Flow Rate		
Cape Station	kg/s	
Corsac Station	kg/s	
Geothermal Brine Inlet Pressure	bara	

Table 10

6.3.1 Ambient Air Dry Bulb Temperature (ATD) Correction Factor F_1 for Cape Station

Properties	Unit	
Ambient Dry Bulb Temperature	°C	
Net Power (ORC and ESPs consumption)	kW	
ESPs own consumption	kW	
Electrical Net Power (ESPs consumption excluded)	kW	
Electrical Net Power Correction Factor	-	
ORC own consumption	kW	

Table 11



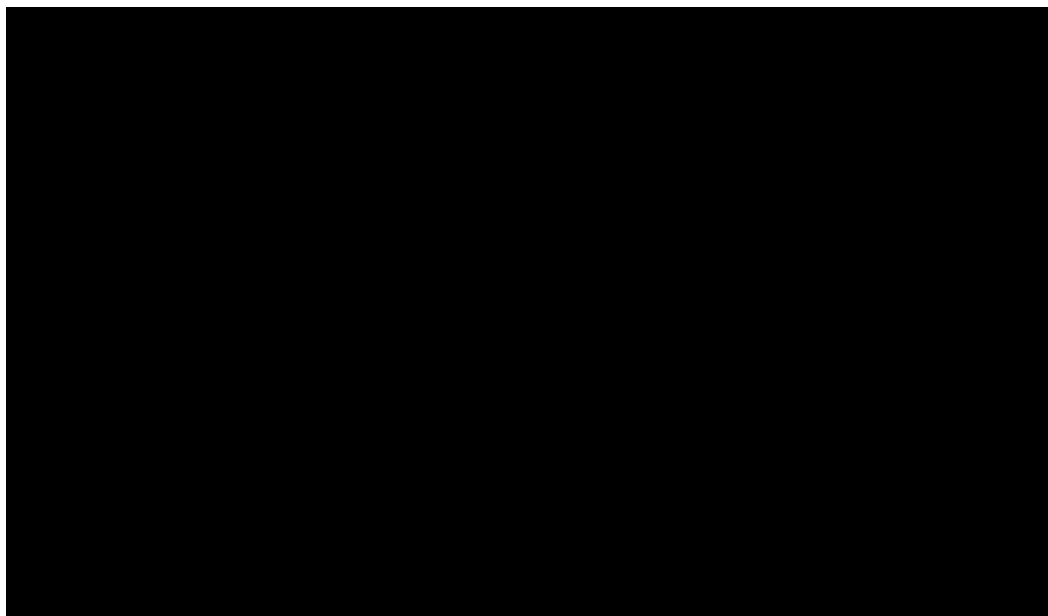
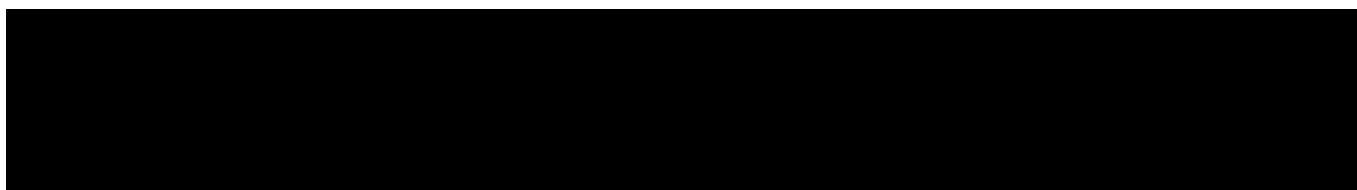


Figure 5

6.3.2 Ambient Air Dry Bulb Temperature (ATD) Correction Factor F_1 for Corsac Station

Properties	Unit	
Ambient Dry Bulb Temperature	°C	
Net Power (ORC and ESPs consumption)	kW	
ESPs own consumption	kW	
Electrical Net Power (ESPs consumption excluded)	kW	
Electrical Net Power Correction Factor	-	
ORC own consumption	kW	

Table 12



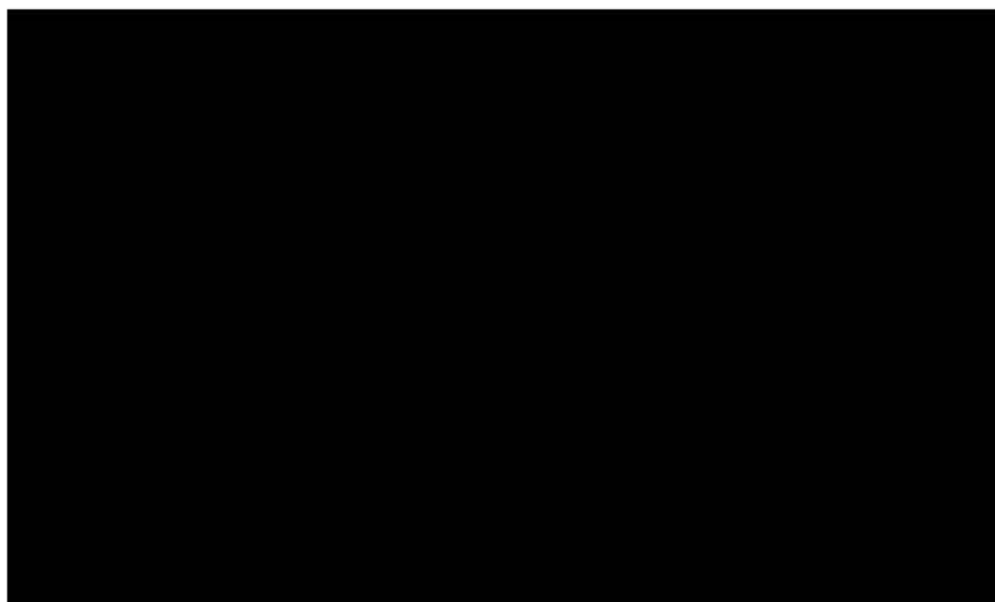


Figure 6

6.4 EXPECTED ELECTRIC ANNUAL ENERGY PRODUCTION

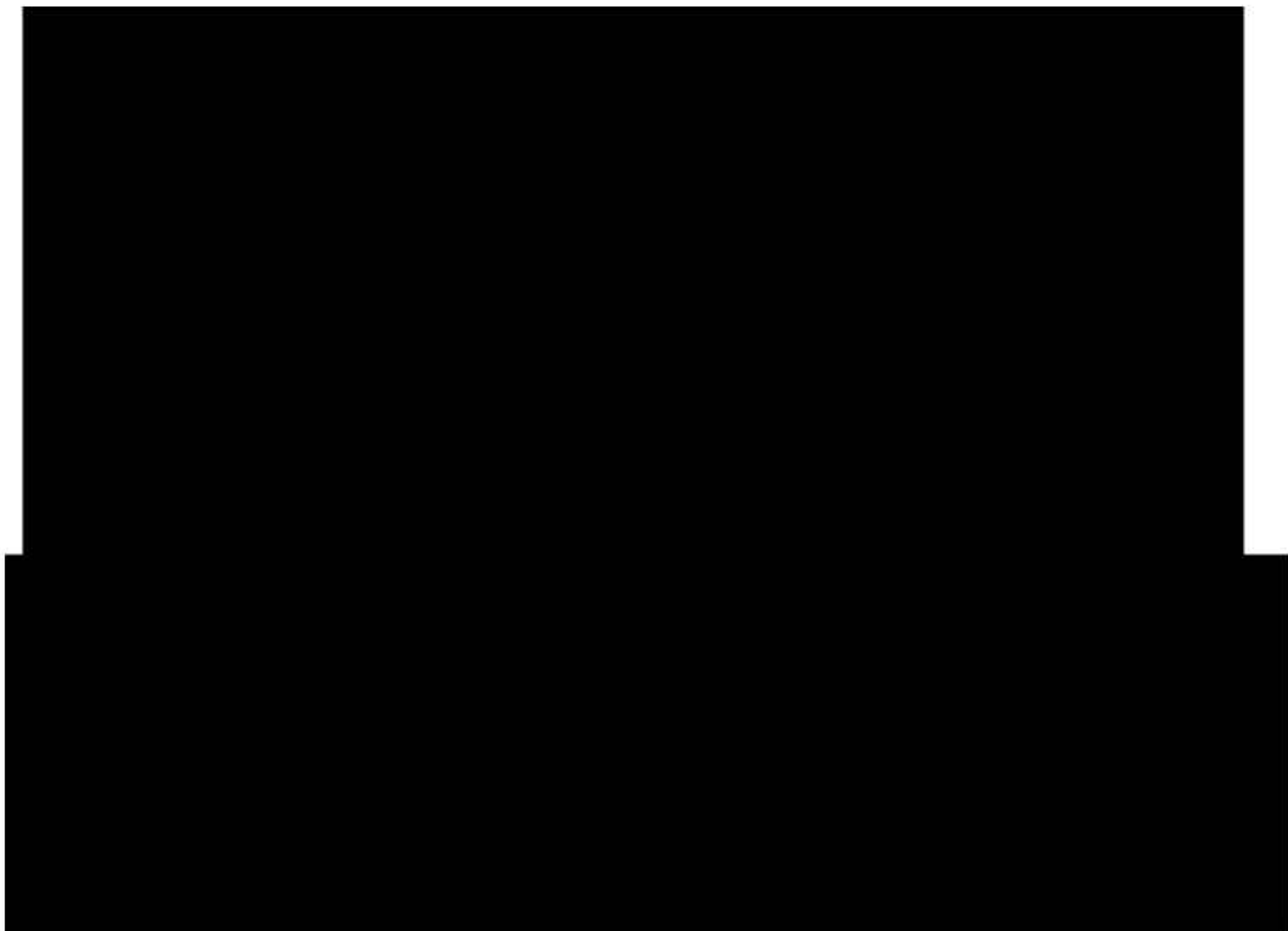
In this Section the expected electric annual energy production is reported for the three analysed Scenarios, both for Cape and Corsac Station.

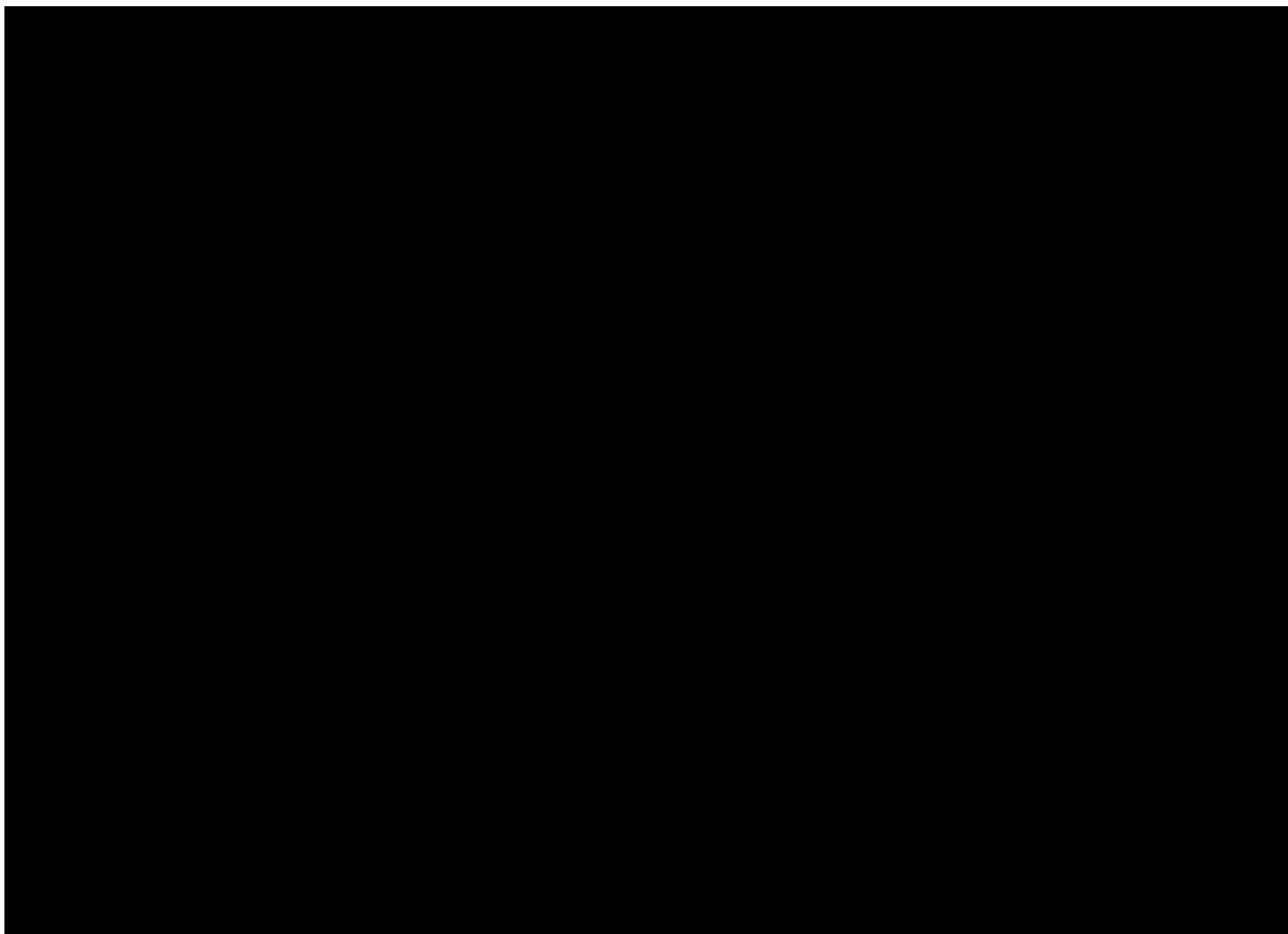
The electric energy production is calculated considering the correction curves reported in Section 6.1 to 6.3 and an overall plant availability of 95%, which is an indicative but reasonable value. The guaranteed availability, if requested, will be carefully evaluated at later stage.

The annual energy production for the three Scenarios for Cape and Corsac Station is reported in Table 3.

Scenario	Electric energy [GWh / year]	
	Cape Station	Corsac Station
	1.036	781

Table 13





Attachment E

Cape Generating Station Evidence of Site Control

Fervo - Cape Station: Summary of Site Control Costs and Other Financial Commitments

AOI	County	Cost	Type	Project	Status
Cape	Beaver				
Cape	Beaver				
Cape	Beaver				
Cape	Beaver				
Cape	Beaver	\$			
	Total	\$			

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

Serial No.

UTU95314

OFFER TO LEASE AND LEASE FOR GEOTHERMAL RESOURCES
(For New Leases Issued Under the Energy Policy Act of 2005 [August 5, 2005])

The undersigned (see page 2) offers to lease all or any of the lands in item 2 that are available for lease pursuant to the Geothermal Steam Act of 1970, as amended (30 U.S.C. 1001-1025).

READ INSTRUCTIONS BEFORE COMPLETING

1 Name [REDACTED]	1a. Street [REDACTED]	
1b City [REDACTED]	1c State [REDACTED]	1d Zip Code [REDACTED]

2 Surface managing agency if other than BLM: _____ Uni/Project: **UT0320-GEO-027** Sale Date: **12/15/2020**

Legal description of land requested (segregate by public domain and acquired lands): Enter T., R., Meridian, State and County

Total Acres Applied for _____

Percent U.S. interest _____

Amount remitted: Processing Fee \$ _____ Rental Fee \$ _____ Total \$ _____

DO NOT WRITE BELOW THIS LINE

3. Land included in lease: Enter T., R., Meridian, State and County

T.	[REDACTED]	Meridian	SLM	State	Utah	County	Beaver
T.	[REDACTED]						

Total Acres in Lease [REDACTED]

Rental Retained \$ [REDACTED]

In accordance with the above offer, or the previously submitted competitive bid, this lease is issued granting the exclusive right to drill for, extract, produce, remove, utilize, sell, and dispose of all the geothermal resources in the lands described in Item 3 together with the right to build and maintain necessary improvements thereupon, for a primary term of 10 years and subsequent extensions thereof in accordance with 43 CFR subpart 3207. Rights granted are subject to applicable laws; the terms, conditions, and attached stipulations of this lease, the Secretary of the Interior's regulations and formal orders in effect as of lease issuance; and, when not inconsistent with the provisions of this lease, regulations and formal orders hereafter promulgated.


Type of Lease:

- ☒ Competitive
☐ Noncompetitive
☐ Noncompetitive direct use (43 CFR subpart 3205)

Comments:

THE UNITED STATES OF AMERICA

BY


(Signing Official)

Matthew Janowiak

(Printed Name)

Minerals Support Manager

(Title)

FEB - 1 2021

JAN 13 2021

(Date)

EFFECTIVE DATE OF LEASE

Check if this is a converted lease ☐

EFFECTIVE DATE OF LEASE CONVERSION

STATE OF UTAH

COUNTY OF SALT LAKE

)
) §
)

CONFIDENTIAL

On this day of JAN 13 2021, before me, Jeremiah Kendall, a notary public, personally appeared Matthew Janowiak, Minerals Support Manager, Bureau of Land Management, Utah State Office, proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he executed the same. Witness my hand and official seal.



CONFIDENTIAL

2. (a) The undersigned certifies that:
- (1) The offeror is a citizen of the United States, an association of such citizens, a municipality, or a corporation organized under the laws of the United States, any State or the District of Columbia; (2) All parties holding an interest in the offer are in compliance with 43 CFR part 3200 and the authorizing Act; (3) The offeror's chargeable interests, direct and indirect, do not exceed those allowed under the Act; and (4) The offeror is not considered a minor under the laws of the State in which the lands covered by this offer are located.
 - (b) The undersigned agrees that signing this offer constitutes acceptance of this lease, including all terms, conditions and stipulations of which the offeror has been given notice. The offeror further agrees that this offer cannot be withdrawn, either in whole or part, unless the withdrawal is received by the proper BLM State Office before this lease, an amendment to this lease, or a separate lease, whichever covers the land described in the withdrawal, has been signed on behalf of the United States.

This offer will be rejected and will afford the offeror no priority if it is not properly completed and executed in accordance with the regulations or if it is not accompanied by the required payments. Title 18 U.S.C. § 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

Duly executed this _____ day of _____, 20____

See Bid Form 3000-2 for Signature

(Printed Name of Lessee or Attorney-in-fact)

(Signature of Lessee or Attorney-in-fact)

LEASE TERMS

Sec. 1. Rentals.—Rentals must be paid to the proper office of the lessor in advance of each lease year. Annual rental rates per acre or fraction thereof, as applicable, are:

- (a) Noncompetitive lease (includes post-sale parcels not receiving bids, a direct use lease or a lease issued to a mining claimant): \$1.00 for the first 10 years; thereafter \$5.00; or
 - (b) Competitive lease: \$2.00 for the first year, \$3.00 for the second through tenth year, thereafter \$5.00.
- Annual rental is always due by the anniversary date of this lease (43 CFR 3211.13), regardless of whether the lease is in a unit or outside of a unit, the lease is in production or not, or royalties or direct use fees apply to the production.

Rental may only be credited toward royalty under 43 CFR 3211.15 and 30 CFR 218.303. Rental may not be credited against direct use fees. Failure to pay annual rental timely will result in late fees and will make the lease subject to termination in accordance with 43 CFR 3213.14.

Sec. 2. (a) Royalties.—Royalties must be paid to the proper office of the lessor. Royalties are due on the last day of the month following the month of production. Royalties will be computed in accordance with applicable regulations and orders. Royalty rates for geothermal resources produced for the commercial generation of electricity but not sold in an arm's length transaction are: 17.5 percent for the first 10 years of production and 3.5 percent after the first 10 years. The royalty rate is to be applied to the gross proceeds derived from the sale of electricity in accordance with 30 CFR part 206 subpart 11.

The royalty rate for byproducts derived from geothermal resource production that are minerals specified in section 1 of the Mineral Leasing Act (MLA), as amended (30 U.S.C. 181), is 5 percent, except for sodium compounds, produced between September 29, 2006 and September 29, 2011 (Pub. L. No. 109-338, §102; note to 30 U.S.C. 362) for which the royalty rate is 2 percent. No royalty is due on byproducts that are not specified in 30 U.S.C. § 181 (43 CFR 3211.19).

If this lease or a portion thereof is committed to an approved communitization or unit agreement and the agreement contains a provision for allocation of production, royalties must be paid on the production allocated to this lease.

(b) Arm's length transactions.—The royalty rate for geothermal resources sold by you or your affiliate at arm's length to a purchaser is 10 percent of the gross proceeds derived from the arm's-length sale (43 CFR 3211.17, 3211.18).

(c) Advanced royalties.—In the absence of a suspension, if you cease production for more than one calendar month on a lease that is subject to royalties and that has achieved commercial production, your lease will remain in effect only if you make advanced royalty payments in accordance with 43 CFR 3212.15(a) and 30 CFR 218.305.

(d) Direct use fees.—Direct use fees must be paid in lieu of royalties for geothermal resources that are utilized for commercial, residential, agricultural, or other energy needs other than the commercial production or generation of electricity, but not sold in an arm's length transaction (43 CFR 3211.18, 30 CFR 206.156). This requirement applies to any direct use of federal geothermal resources (unless the resource is exempted as described in 30 CFR 202.351(b) or the lessee is covered by paragraph (a), below) and is not limited to direct use leases. Direct use fees are due on the last day of the month following the month of production. (e) If the lessee is a State, tribal, or local government covered by 43 CFR 3211.18(a)(3) and 30 CFR 206.366, check here: ☐ A lessee under this paragraph is not subject to paragraph (d) above. In lieu of royalties, the lessee under this paragraph must pay a nominal fee of \$_____.

Sec. 3. Bonds.—A bond must be filed and maintained for lease operations as required by applicable regulations.

Sec. 4. Work requirements, rate of development, unitization, and drainage.—Lessee must perform work requirements in accordance with applicable regulations (43 CFR 3207.11, 3207.12), and must prevent unnecessary damage to, loss of, or waste of leased resources. Lessor reserves the right to specify rates of development and production and to require lessee to commit to a communitization or unit agreement, within 30 days of notice, if in the public interest. Lessee must drill and produce wells necessary to protect leased lands from drainage or pay compensatory royalty for drainage in the amount determined by lessor. Lessor will exempt lessee from work requirements only where the lease overrides a mining claim that has an approved plan of operations and where BLM determines that the development of the geothermal resource on the lease would interfere with the mining operation (43 CFR 3207.13).

Sec. 5. Documents, evidence, and inspection.—Lessee must file with the proper office of the lessor, not later than (30) days after the effective date thereof, any contract or evidence of other arrangement for the sale, use, or disposal of geothermal resources, byproducts produced, or for the sale of electricity generated using geothermal resources produced from the lease. At such times and in such form as lessor may prescribe, lessee must furnish detailed statements and all documents showing (a) amounts and quality of all geothermal resources produced and used (whether for commercial production or generation of electricity, or as a direct use operation) or sold; (b) proceeds derived therefrom or from the sale of electricity generated using such resources; (c) amounts that are unavoidably lost or rejected before use, used to generate plant parasitic electricity (as defined in 30 CFR 206.351) or electricity for lease operations, or otherwise used for lease operations related to the commercial production or generation of electricity; and (d) amounts and quality of all byproducts produced and proceeds derived from the sale or disposition thereof. Lessee may be required to provide plans and schematic diagrams showing development work and improvements, and reports with respect to parties in interest.

In a formal and manner approved by lessor, lessee must keep a daily drilling record, a log and complete information on well surveys and tests; keep a record of subsurface investigations, and furnish copies to lessor when required.

Lessee must keep open at all reasonable times for inspection by any authorized officer of lessor, the leased premises and all wells, improvements, machinery, and fixtures thereon, and all books, accounts, maps, and records relative to operations, surveys, or investigations on or in the leased lands. Lessee must maintain copies of all contracts, sales agreements, accounting records, billing records, invoices, gross proceeds and payment data regarding the sale, disposition, or use of geothermal resources, byproducts produced, and the sale of electricity generated using resources produced from the lease, and all other information relevant to determining royalties or direct use fees. All such records must be maintained in lessee's accounting offices for future audit by lessor and produced upon request by lessor or lessor's authorized representative or agent. Lessee must maintain required records for 6 years after they are generated or, if an audit or investigation is underway, until released of the obligation to maintain such records by lessor.

Sec. 6. Conduct of operations.—Lessee must conduct operations in a manner that minimizes adverse impacts to the land, air, and water, to cultural, biological, visual, and other resources, and to other land uses or users. Lessee must take reasonable measures deemed necessary by lessor to accomplish the intent of this section. To the extent consistent with leased rights granted, such measures may include, but are not limited to, modification to siting or design of facilities; timing of operations; and specification of interim and final reclamation measures. Lessor reserves the right to continue existing uses and to authorize future uses upon or in the leased lands, including the approval of easements or rights-of-way. Such uses will be conditioned so as to prevent unnecessary or unreasonable interference with rights of lessee. Prior to disturbing the surface of the leased lands, lessee must contact lessor to be apprised of procedures to be followed and modifications or reclamation measures that may be necessary. Areas to be disturbed may require inventories or special studies to determine the extent of impacts on other resources. Lessor may require lessee to complete minor inventories or short-term special studies under guidelines provided by lessor. If, in the conduct of operations, threatened or endangered species, objects of historic or scientific interest, or substantial unanticipated environmental effects are observed, lessee must immediately contact lessor. Lessee must cease any operations that are likely to affect or take such species, or result in the modification, damage or destruction of such habitats or objects.

Sec. 7. Production of byproducts.—If the production, use, or conversion of geothermal resources from these leased lands is susceptible of producing a valuable byproduct or byproducts, including commercially demineralized water for beneficial uses in accordance with applicable State water laws, lessor may require substantial beneficial production or use thereof by lessee.

Sec. 8. Damages to property.—Lessee must pay lessor for damage to lessor's improvements, and must save and hold lessor harmless from all claims for damage or harm to persons or property as a result of lease operations.

Sec. 9. Protection of diverse interests and equal opportunity.—Lessee must maintain a safe working environment in accordance with applicable regulations and standard industry practices, and take measures necessary to protect public health and safety. Lessor reserves the right to ensure that production is sold at reasonable prices and to prevent monopoly. Lessee must comply with Executive Order No. 11246 of September 24, 1965, as amended, and regulations and relevant orders of the Secretary of Labor issued pursuant thereto. Neither lessee nor lessee's subcontractor may maintain segregated facilities.

Sec. 10. Transfer of lease interests and relinquishment of lease.—As required by regulations, lessee must file with lessor any assignment or other transfer of an interest in this lease. Subject to the requirements of 43 CFR subpart 3213, lessee may relinquish this lease or any legal subdivision by filing in the proper office a written relinquishment, which will be effective as of the date BLM receives it, subject to the continued obligation of the lessee and surety to be responsible for: paying all accrued rentals and royalties; plugging and abandoning all wells on the relinquished land; restoring and reclaiming the surface and other resources; and complying with 43 CFR 3200.4.

Sec. 11. Delivery of premiums.—At such time as all or portions of this lease are returned to lessor, lessee must place all wells in condition for suspension or abandonment, reclaim the land as specified by lessor, and within a reasonable period of time, remove equipment and improvements not deemed necessary by lessor for preservation of producible wells or continued protection of the environment.

Sec. 12. Proceedings in case of default.—If lessee fails to comply with any provisions of this lease or other applicable requirements under 43 CFR 3200.4, and the noncompliance continues for 30 days after written notice thereof, this lease will be subject to termination in accordance with the Act and 43 CFR 3213. This provision will not be construed to prevent the exercise by lessor of any other legal and equitable remedy or action, including waiver of the default. Any such remedy, waiver, or action will not prevent later termination for the same default occurring at any other time. Whenever the lessee fails to comply in a timely manner with any of the provisions of the Act, this lease, the regulations, or other applicable requirements under 43 CFR 3200.4, and immediate action is required, the lessor may enter on the leased lands and take measures deemed necessary to correct the failure at the lessee's expense.

Sec. 13. Heirs and successors in interest.—Each obligation of this lease will extend to and be binding upon, and every benefit hereof will inure to, the heirs, executors, administrators, successors, or assigns of the respective parties hereto.

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INSTRUCTIONS

A. General

1. Items 1 and 2 need to be completed only by parties filing for a noncompetitive lease. The BLM will complete the front of the form for other types of leases. The BLM may use the "Comments" space under Item 3 to identify when: the lessee has elected to make all lease terms subject to the Energy Policy Act of 2005 under 43 CFR 3200.7(a)(2) or 43 CFR 3200.8(b) (box labeled "converted lease" must also be checked); the lease is being issued noncompetitively to a party who holds a mining claim on the same lands as is covered by the lease under 43 CFR 3204.12; the lease is a direct use lease issued to a State, local, or tribal government (box at section 2(e) under Lease Terms must also be checked); the lease is a competitive lease with direct-use-only stipulations attached; or other special circumstances exist. A lessee who seeks to convert only the royalty rate of a lease under 43 CFR 3212.25 or who qualifies for a case-by-case royalty rate determination under 43 CFR 3211.17(b)(1)(i) should not use this form, but should instead use an addendum to the existing lease.
2. Entries must be typed or printed plainly in ink. The offeror must sign the form (Item 4) in ink.
3. An original and two copies of this offer must be prepared and filed in the proper BLM State Office. See regulations at 43 CFR 1821.10 for office locations.
4. If more space is needed, additional sheets must be attached to each copy of the form submitted.

B. Specific

Item 1—Enter the offeror's name and billing address.

Item 2—Indicate the agency managing the surface use of the land and the name of the unit or project of which the land is a part. The offeror may also provide other information that will assist in establishing status of the lands. The description of land must conform to 43 CFR 3203.10. Total acres applied for must not exceed that allowed by regulations (43 CFR 3203.10; 43 CFR 3206.12).

Payments: For noncompetitive leases, the amount remitted must include the processing fee for noncompetitive lease applications (43 CFR 3204.10; 43 CFR 3000.12) and the first year's rental at the rate of \$1 per acre or fraction thereof. If the United States owns only a fractional interest in the geothermal resources, you must pay a prorated rental under 43 CFR 3211.11(d). The BLM will retain the processing fee even if the offer is completely rejected or withdrawn. To maintain the offeror's priority, the offeror must submit rental sufficient to cover all the land requested. If the land requested includes lots or irregular quarter-quarter sections, the exact acreage of which is not known to the offeror, rental should be submitted on the assumption that each such lot or quarter-quarter section contains 40 acres. If the offer is withdrawn or rejected in whole or in part before a lease issues, the BLM will return the rental remitted for the parts withdrawn or rejected.

The BLM will fill in the processing fee for competitive lease applications (43 CFR 3203.17; 43 CFR 3000.12) and the first year's rental at the rate of \$2 per acre or fraction thereof.

Item 3—The BLM will complete this space.

NOTICES

The Privacy Act of 1974 and the regulation at 43 CFR 2.48(d) provide that you be furnished with the following information in connection with information required by this geothermal lease application.

AUTHORITY. 30 U.S.C. 1000 et seq.

PRINCIPAL PURPOSE.—The information is to be used to process geothermal lease applications.

ROUTINE USES: (1) The adjudication of the lessee's rights to the land or resources. (2) Documentation for public information in support of notations made on land status records for the management, disposal, and use of public lands and resources. (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting uses or rights in public lands or resources. (4) Transfer to the appropriate Federal, State, local, or foreign agencies, when relevant to civil, criminal, or regulatory investigations or prosecutions.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
COMPETITIVE OIL AND GAS OR
GEOTHERMAL RESOURCES LEASE BID

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

State

UT

Date of Sale

12/15/20

CONFIDENTIAL

PARCEL NUMBER	AMOUNT OF BID (see instructions below)	
	TOTAL BID	PAYMENT SUBMITTED WITH BID
THE BID IS FOR (check one): <input type="checkbox"/> Oil and Gas Serial/Parcel No. _____		
<input checked="" type="checkbox"/> Geothermal Serial/Parcel No. UT0320-GEO-027		

The appropriate regulations applicable to this bid are: (1) for oil and gas leases—43 CFR 3120; (2) for National Petroleum Reserve-Alaska (NPR-A) leases—43 CFR 3132; and (3) for Geothermal resources leases—43 CFR 3203.17. (See details concerning lease qualifications on next page.)

I CERTIFY THAT I have read and am in compliance with, and not in violation of the lessee qualification requirements under the applicable regulations for this bid.

I CERTIFY THAT this bid is not in violation of 18 U.S.C. 1860 which prohibits unlawful combination or intimidation of bidders. I further certify that this bid was arrived at independently and is tendered without collusion with any other bidder for the purpose of restricting competition.

IMPORTANT NOTICE: Execution of this form where the offer is the high bid, constitutes a binding lease offer including all applicable terms and conditions. Failure to comply with the applicable laws and regulations under which this bid is made will result in rejection of the bid and forfeiture of all monies submitted.

Print or Type Name of Lessee


Signature of Lessee or Bidder

Address of Lessee

(City)

(State)

(Zip Code)

INSTRUCTIONS

INSTRUCTIONS FOR OIL AND GAS OR GEOTHERMAL BID
(Except NPR-A)

1. Separate bid form for each lease/parcel is required. Identify by the serial/parcel number assigned in the *Notice of Competitive Lease Sale*.
2. Bid must be accompanied by the national minimum acceptable bid, the first year's rental and the administrative fee. The remittance must be in the form specified: (1) for oil and gas leases in 43 CFR 3103.1-1; and (2) for geothermal resources leases in 43 CFR 3203.17. The remainder of the bonus bid, if any, must be submitted to the proper Bureau of Land Management (BLM) office within 10 working days for oil and gas, and 15 working days for geothermal, after the last day of the oral auction. Failure to submit the remainder of the bonus bond within the statutory timeframe (or regulatory) will result in rejection or revocation, as appropriate, of the bid offer and forfeiture of all monies paid.
3. If the bidder is not the sole party in interest in the lease for which the bid is submitted, all other parties in interest may be required to furnish evidence of their qualifications upon written request by the BLM.
4. This bid may be executed (signed) before the oral auction. If signed before the oral auction, this form cannot be modified without being executed again.
5. In view of the above requirement (4), the bidder may wish to leave the AMOUNT OF BID section blank so that final bid amount may be either completed by the bidder or the BLM at the oral auction.

INSTRUCTIONS FOR NPR-A OIL AND GAS BID

1. Separate bid form for each parcel is required. Identify the parcel by the number assigned to a tract.
2. Bid must be accompanied by one-fifth of the amount of the bid. The remittance must be in the form specified in 43 CFR 3132.2 for a NPR-A lease bid.
3. Mark the envelope "Bid for NPR-A Lease". Be sure correct parcel number of tract on which the bid is submitted and date of bid opening are noted plainly on envelope. No bid may be modified or withdrawn unless such modification or withdrawal is received prior to time fixed for opening of bids.
4. Mail or deliver bid to the proper BLM office or place indicated in the *Notice of Competitive Lease Sale*.
5. If the bidder is not the sole party in interest in the lease for which the bid is submitted, all other parties in interest may be required to furnish evidence of their qualifications upon written request by the BLM.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

Form 3200-24a
(September 2008)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Serial No.

UTU95315

OFFER TO LEASE AND LEASE FOR GEOTHERMAL RESOURCES
(For New Leases Issued Under the Energy Policy Act of 2005 [August 5, 2005])

The undersigned (see page 2) offers to lease all or any of the lands in item 2 that are available for lease pursuant to the Geothermal Steam Act of 1970, as amended (30 U.S.C. 1001-1025).

READ INSTRUCTIONS BEFORE COMPLETING

1. Name [REDACTED]	1a. Street [REDACTED]	
1b. City [REDACTED]	1c. State [REDACTED]	1d. Zip Code [REDACTED]

2. Surface managing agency if other than BLM: _____ Unit/Project: UT0320-GEO-028 Sale Date: 12/15/2020

Legal description of land requested (segregate by public domain and acquired lands) Enter T., R., Meridian, State and County

Total Acres Applied for _____

Percent U.S. interest _____

Amount remitted: Processing Fee \$ _____ Rental Fee \$ _____ Total \$ _____

DO NOT WRITE BELOW THIS LINE

3. Land included in lease: Enter T., R., Meridian, State and County

T. [REDACTED] Meridian SLM State Utah County Beaver

[REDACTED]

Total Acres in Lease [REDACTED]

Rental Retained \$ [REDACTED]

In accordance with the above offer, or the previously submitted competitive bid, this lease is issued granting the exclusive right to drill for, extract, produce, remove, utilize, sell, and dispose of all the geothermal resources in the lands described in Item 3 together with the right to build and maintain necessary improvements thereupon, for a primary term of 10 years and subsequent extensions thereof in accordance with 43 CFR subpart 3207. Rights granted are subject to: applicable laws; the terms, conditions, and attached stipulations of this lease; the Secretary of the Interior's regulations and formal orders in effect as of lease issuance; and, when not inconsistent with the provisions of this lease, regulations and formal orders hereafter promulgated.

Type of Lease:

- ☒ Competitive
☐ Noncompetitive
☐ Noncompetitive direct use (43 CFR subpart 3205)

Comments:

THE UNITED STATES OF AMERICA

BY

[Signature]
(Signing Official)

Matthew Janowiak

(Printed Name)

Minerals Support Manager

(Title)

JAN 13 2021

(Date)

EFFECTIVE DATE OF LEASE **FEB - 1 2021**

Check if this is a converted lease ☐

EFFECTIVE DATE OF LEASE CONVERSION _____

STATE OF UTAH

COUNTY OF SALT LAKE

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) §
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CONFIDENTIAL

On this day of JAN 13 2021, before me, Jeremiah Kendall, a notary public, personally appeared Matthew Janowiak, Minerals Support Manager, Bureau of Land Management, Utah State Office, proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he executed the same. Witness my hand and official seal.



A handwritten signature in dark ink, appearing to read "Jeremiah Kendall", written over a solid horizontal line.

CONFIDENTIAL

4. (a) The undersigned certifies that:
- (1) The offeror is a citizen of the United States, an association of such citizens, a municipality, or a corporation organized under the laws of the United States, any State or the District of Columbia; (2) All parties holding an interest in the offer are in compliance with 43 CFR part 3200 and the authorizing Act; (3) The offeror's chargeable interests, direct and indirect, do not exceed those allowed under the Act; and (4) The offeror is not considered a minor under the laws of the State in which the lands covered by this offer are located.
- (b) The undersigned agrees that signing this offer constitutes acceptance of this lease, including all terms, conditions and stipulations of which the offeror has been given notice. The offeror further agrees that this offer cannot be withdrawn, either in whole or part, unless the withdrawal is received by the proper BLM State Office before this lease, an amendment to this lease, or a separate lease, whichever covers the land described in the withdrawal, has been signed on behalf of the United States.

This offer will be rejected and will afford the offeror no priority if it is not properly completed and executed in accordance with the regulations or if it is not accompanied by the required payments. Title 18 U.S.C. § 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

Duly executed this _____ day of _____, 20____

See Bid Form 3000-2 for Signature

(Printed Name of Lessee or Attorney-in-fact)

(Signature of Lessee or Attorney-in-fact)

LEASE TERMS

Sec. 1. Rentals.—Rentals must be paid to the proper office of the lessor in advance of each lease year. Annual rental rates per acre or fraction thereof, as applicable, are:

(a) Noncompetitive lease (includes post-sale parcels not receiving bids, a direct use lease or a lease issued to a mining claimant): \$1.00 for the first 10 years, thereafter \$5.00, or

(b) Competitive lease: \$2.00 for the first year, \$3.00 for the second through tenth year, thereafter \$5.00.

Annual rental is always due by the anniversary date of this lease (43 CFR 3211.13). Regardless of whether the lease is in a unit or outside of a unit, the lease is in production or not, or royalties or direct use fees apply to the production.

Rental may only be credited toward royalty under 43 CFR 3211.15 and 30 CFR 218.103. Rental may not be credited against direct use fees. Failure to pay annual rental timely will result in late fees and will make the lease subject to termination in accordance with 43 CFR 3213.14.

Sec. 2. (a) Royalties.—Royalties must be paid to the proper office of the lessor. Royalties are due on the last day of the month following the month of production. Royalties will be computed in accordance with applicable regulations and orders. Royalty rates for geothermal resources produced for the commercial generation of electricity but not sold in an arm's length transaction are: 1.75 percent for the first 10 years of production and 3.5 percent after the first 10 years. The royalty rate is to be applied to the gross proceeds derived from the sale of electricity in accordance with 30 CFR part 206 subpart H.

The royalty rate for byproducts derived from geothermal resource production that are minerals specified in section 1 of the Mineral Leasing Act (MLA) as amended (30 U.S.C. 181), is 5 percent, except for sodium compounds, produced between September 29, 2006 and September 29, 2011 (Pub. L. No. 109-338, §102; note to 30 U.S.C. 362) for which the royalty rate is 2 percent. No royalty is due on byproducts that are not specified in 30 U.S.C. § 181 (43 CFR 3211.19).

If this lease or a portion thereof is committed to an approved communitization or unit agreement and the agreement contains a provision for allocation of production, royalties must be paid on the production allocated to this lease.

(b) Arm's length transactions.—The royalty rate for geothermal resources sold by you or your affiliate at arm's length to a purchaser is 10 percent of the gross proceeds derived from the arm's length sale (43 CFR 3211.17, 3211.19).

(c) Advanced royalties.—In the absence of a suspension, if you cease production for more than one calendar month on a lease that is subject to royalties and that has achieved commercial production, your lease will remain in effect only if you make advanced royalty payments in accordance with 43 CFR 3212.15(a) and 30 CFR 218.305.

(d) Direct use fees.—Direct use fees must be paid in lieu of royalties for geothermal resources that are utilized for commercial, residential, agricultural, or other energy needs other than the commercial production or generation of electricity, but not sold in an arm's length transaction (43 CFR 3211.18, 30 CFR 206.356).

This requirement applies to any direct use of federal geothermal resources (unless the resource is exempted as described in 30 CFR 202.35(b) or the lessee is covered by paragraph (e), below) and is not limited to direct use leases. Direct use fees are due on the last day of the month following the month of production.

(e) If the lessee is a State, tribal, or local government covered by 43 CFR 3211.18(a)(3) and 30 CFR 206.366, check here: ☐ A lessee under this paragraph is not subject to paragraph (d), above. In lieu of royalties, the lessee under this paragraph must pay a nominal fee of \$_____.

Sec. 3. Bonds.—A bond must be filed and maintained for lease operations as required by applicable regulations.

Sec. 4. Work requirements, rate of development, utilization, and damage.—Lessee must perform work requirements in accordance with applicable regulations (43 CFR 3207.11, 3207.12), and must prevent unnecessary damage to, loss of, or waste of leased resources. Lessor reserves the right to specify rates of development and production and to require lessee to commit to a communitization or unit agreement, within 30 days of notice, if in the public interest. Lessee must drill and produce wells necessary to protect leased lands from drainage or pay compensatory royalty for drainage in the amount determined by lessor. Lessor will exempt lessee from work requirements only where the lease overlies a mining claim that has an approved plan of operations and where BLM determines that the development of the geothermal resource on the lease would interfere with the mining operation (43 CFR 3207.13).

Sec. 5. Documents, evidence, and inspection.—Lessee must file with the proper office of the lessor, not later than 30 days after the effective date thereof, any contract or evidence of other arrangement for the sale, use, or disposal of geothermal resources, byproducts produced, or for the sale of electricity generated using geothermal resources produced from the lease. At such times and in such form as lessor may prescribe, lessee must furnish detailed statements and all documents showing (a) amounts and quality of all geothermal resources produced and used (either for commercial production or generation of electricity, or in a direct use operation) or sold; (b) proceeds derived therefrom or from the sale of electricity generated using such resources; (c) amounts that are unavailably lost or rejected before use, used to generate plant parasitic electricity (as defined in 30 CFR 206.351) or electricity for lease operations; or otherwise used for lease operations related to the commercial production or generation of electricity; and (d) amounts and quality of all byproducts produced and proceeds derived from the sale or disposition thereof. Lessee may be required to provide plans and schematic diagrams showing development work and improvements, and reports with respect to parties in interest.

In a format and manner approved by lessor, lessee must: keep a daily drilling record, a log, and complete information on well surveys and tests; keep a record of subsurface investigations; and furnish copies to lessor when required.

Lessee must keep open at all reasonable times for inspection by any authorized officer of lessor, the leased premises and all wells, improvements, machinery, and fixtures thereon, and all books, accounts, maps, and records relative to operations, surveys, or investigations on or in the leased lands. Lessee must maintain copies of all contracts, sales agreements, accounting records, billing records, invoices, gross proceeds and payment data regarding the sale, disposition, or use of geothermal resources, byproducts produced, and the sale of electricity generated using resources produced from the lease, and all other information relevant to determining royalties or direct use fees. All such records must be maintained in lessee's accounting offices for future audit by lessor and produced upon request by lessor or lessor's authorized representative or agent. Lessee must maintain required records for 6 years after they are generated or, if an audit or investigation is underway, until released of the obligation to maintain such records by lessor.

Sec. 6. Conduct of operations.—Lessee must conduct operations in a manner that minimizes adverse impacts to the land, air, and water, to cultural, biological, visual, and other resources, and to other land uses or users. Lessee must take reasonable measures deemed necessary by lessor to accomplish the intent of this section. To the extent consistent with leased rights granted, such measures may include, but are not limited to, modification to siting or design of facilities, timing of operations, and specification of interim and final reclamation measures. Lessor reserves the right to continue existing uses and to authorize future uses upon or in the leased lands, including the approval of easements or rights-of-way. Such uses will be conditioned so as to prevent unnecessary or unreasonable interference with rights of lessee. Prior to disturbing the surface of the leased lands, lessee must contact lessor to be apprised of procedures to be followed and modifications or reclamation measures that may be necessary. Areas to be disturbed may require inventories or special studies to determine the extent of impacts to other resources. Lessor may require lessee to complete minor inventories or short term special studies under guidelines provided by lessor. If, in the conduct of operations, threatened or endangered species, objects of historic or scientific interest, or substantial unanticipated environmental effects are observed, lessee must immediately contact lessor. Lessee must cease any operations that are likely to affect or take such species, or result in the modification, damage or destruction of such habitats or objects.

Sec. 7. Production of byproducts.—If the production, use, or conversion of geothermal resources from these leased lands is susceptible of producing a valuable byproduct or byproducts, including commercially demineralized water for beneficial uses in accordance with applicable State water laws, lessor may require substantial beneficial production or use thereof by lessee.

Sec. 8. Damages to property.—Lessee must pay lessor for damage to lessor's improvements, and must save and hold lessor harmless from all claims for damage or harm to persons or property as a result of lease operations.

Sec. 9. Protection of diverse interests and equal opportunity.—Lessee must maintain a safe working environment in accordance with applicable regulations and standard industry practices, and take measures necessary to protect public health and safety. Lessor reserves the right to ensure that production is sold at reasonable prices and to prevent monopoly. Lessee must comply with Executive Order No. 11246 of September 24, 1965, as amended, and regulations and relevant orders of the Secretary of Labor issued pursuant thereto. Neither lessee nor lessee's subcontractor may maintain segregated facilities.

Sec. 10. Transfer of lease interests and relinquishment of lease.—As required by regulations, lessee must file with lessor any assignment or other transfer of an interest in this lease. Subject to the requirements of 43 CFR subpart 3213, lessee may relinquish this lease or any legal subdivision by filing in the proper office a written relinquishment, which will be effective as of the date BLM receives it, subject to the continued obligation of the lessee and surety to be responsible for: paying all accrued rentals and royalties; plugging and abandoning all wells on the relinquished land; restoring and reclaiming the surface and other resources; and complying with 43 CFR 3200.4.

Sec. 11. Delivery of premises.—At such time as all or portions of this lease are returned to lessor, lessee must place all wells in condition for suspension or abandonment, reclaim the land as specified by lessor, and within a reasonable period of time, remove equipment and improvements not deemed necessary by lessor for preservation of producible wells or continued protection of the environment.

Sec. 12. Proceedings in case of default.—If lessee fails to comply with any provisions of this lease or other applicable requirements under 43 CFR 3200.4, and the noncompliance continues for 30 days after written notice thereof, this lease will be subject to termination in accordance with the Act and 43 CFR 3213. This provision will not be construed to prevent the exercise by lessor of any other legal and equitable remedy or action, including waiver of the default. Any such remedy, waiver, or action will not prevent later termination for the same default occurring at any other time. Whenever the lessee fails to comply in a timely manner with any of the provisions of the Act, this lease, the regulations, or other applicable requirements under 43 CFR 3200.4, and immediate action is required, the lessor may enter on the leased lands and take measures deemed necessary to correct the failure at the lessee's expense.

Sec. 13. Heirs and successors-in-interest.—Each obligation of this lease will extend to and be binding upon, and every benefit hereof will inure to, the heirs, executors, administrators, successors, or assigns of the respective parties hereto.

CONFIDENTIAL

INSTRUCTIONS

A General

1. Items 1 and 2 need to be completed only by parties filing for a noncompetitive lease. The BLM will complete the front of the form for other types of leases. The BLM may use the "Comments" space under Item 3 to identify when the lessee has elected to make all lease terms subject to the Energy Policy Act of 2005 under 43 CFR 3200.7(a)(2) or 43 CFR 3200.8(b) (box labeled "converted lease" must also be checked); the lease is being issued noncompetitively to a party who holds a mining claim on the same lands as is covered by the lease under 43 CFR 3204.12, the lease is a direct use lease issued to a State, local, or tribal government (box at section 2(e) under Lease Terms must also be checked); the lease is a competitive lease with direct-use-only stipulations attached, or other special circumstances exist. A lessee who seeks to convert only the royalty rate of a lease under 43 CFR 3212.25 or who qualifies for a case-by-case royalty rate determination under 43 CFR 3211.17(b)(1)(i) should not use this form, but should instead use an addendum to the existing lease.
2. Entries must be typed or printed plainly in ink. The offeror must sign the form (Item 4) in ink.
3. An original and two copies of this offer must be prepared and filed in the proper BLM State Office. See regulations at 43 CFR 1821.10 for office locations.
4. If more space is needed, additional sheets must be attached to each copy of the form submitted.

B Specific

Item 1—Enter the offeror's name and billing address

Item 2—Indicate the agency managing the surface use of the land and the name of the unit or project of which the land is a part. The offeror may also provide other information that will assist in establishing status of the lands. The description of land must conform to 43 CFR 3203.10. Total acres applied for must not exceed that allowed by regulations (43 CFR 3203.10; 43 CFR 3206.12).

Payments. For noncompetitive leases, the amount remitted must include the processing fee for noncompetitive lease applications (43 CFR 3204.10; 43 CFR 3000.12) and the first year's rental at the rate of \$1 per acre or fraction thereof. If the United States owns only a fractional interest in the geothermal resources, you must pay a prorated rental under 43 CFR 3211.11(d). The BLM will retain the processing fee even if the offer is completely rejected or withdrawn. To maintain the offeror's priority, the offeror must submit rental sufficient to cover all the land requested. If the land requested includes lots or irregular quarter-quarter sections, the exact acreage of which is not known to the offeror, rental should be submitted on the assumption that each such lot or quarter-quarter section contains 40 acres. If the offer is withdrawn or rejected in whole or in part before a lease issues, the BLM will return the rental remitted for the parts withdrawn or rejected.

The BLM will fill in the processing fee for competitive lease applications (43 CFR 3203.17; 43 CFR 3000.12) and the first year's rental at the rate of \$2 per acre or fraction thereof.

Item 3—The BLM will complete this space.

NOTICES

The Privacy Act of 1974 and the regulation at 43 CFR 2.48(d) provide that you be furnished with the following information in connection with information required by this geothermal lease application.

AUTHORITY: 30 U.S.C. 1000 et seq.

PRINCIPAL PURPOSE—The information is to be used to process geothermal lease applications.

ROUTINE USES: (1) The adjudication of the lessee's rights to the land or resources. (2) Documentation for public information in support of notations made on land status records for the management, disposal, and use of public lands and resources. (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting uses or rights in public lands or resources. (4) Transfer to the appropriate Federal, State, local, or foreign agencies, when relevant to civil, criminal, or regulatory investigations or prosecutions.

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
**COMPETITIVE OIL AND GAS OR
GEOTHERMAL RESOURCES LEASE BID**

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

State

UT

Date of Sale

12/15/20

PARCEL NUMBER	AMOUNT OF BID (see instructions below)	
	TOTAL BID	PAYMENT SUBMITTED WITH BID
THE BID IS FOR (check one): <input type="checkbox"/> Oil and Gas Serial/Parcel No. _____		
<input checked="" type="checkbox"/> Geothermal Serial/Parcel No. UT0320-GEO-028		

The appropriate regulations applicable to this bid are: (1) for oil and gas leases—43 CFR 3120; (2) for National Petroleum Reserve-Alaska (NPR-A) leases—43 CFR 3132; and (3) for Geothermal resources leases—43 CFR 3203.17. (See details concerning lease qualifications on next page.)

I CERTIFY THAT I have read and am in compliance with, and not in violation of the lessee qualification requirements under the applicable regulations for this bid.

I CERTIFY THAT this bid is not in violation of 18 U.S.C. 1860 which prohibits unlawful combination or intimidation of bidders. I further certify that this bid was arrived at independently and is tendered without collusion with any other bidder for the purpose of restricting competition.

IMPORTANT NOTICE: Execution of this form where the offer is the high bid, constitutes a binding lease offer including all applicable terms and conditions. Failure to comply with the applicable laws and regulations under which this bid is made will result in rejection of the bid and forfeiture of all monies submitted.

Print or Type Name of Lessee

Signature of Lessee or Bidder

Address of Lessee

(City)

(State)

(Zip Code)

INSTRUCTIONS

INSTRUCTIONS FOR OIL AND GAS OR GEOTHERMAL BID
(Except NPR-A)

1. Separate bid form for each lease/parcel is required. Identify by the serial/parcel number assigned in the *Notice of Competitive Lease Sale*.
2. Bid must be accompanied by the national minimum acceptable bid, the first year's rental and the administrative fee. The remittance must be in the form specified: (1) for oil and gas leases in 43 CFR 3103.1-1; and (2) for geothermal resources leases in 43 CFR 3203.17. The remainder of the bonus bid, if any, must be submitted to the proper Bureau of Land Management (BLM) office within 10 working days for oil and gas, and 15 working days for geothermal, after the last day of the oral auction. Failure to submit the remainder of the bonus bond within the statutory timeframe (or regulatory) will result in rejection or revocation, as appropriate, of the bid offer and forfeiture of all monies paid.
3. If the bidder is not the sole party in interest in the lease for which the bid is submitted, all other parties in interest may be required to furnish evidence of their qualifications upon written request by the BLM.
4. This bid may be executed (signed) before the oral auction. If signed before the oral auction, this form cannot be modified without being executed again.
5. In view of the above requirement (4), the bidder may wish to leave the AMOUNT OF BID section blank so that final bid amount may be either completed by the bidder or the BLM at the oral auction.

INSTRUCTIONS FOR NPR-A OIL AND GAS BID

1. Separate bid form for each parcel is required. Identify the parcel by the number assigned to a tract.
2. Bid must be accompanied by one-fifth of the amount of the bid. The remittance must be in the form specified in 43 CFR 3132.2 for a NPR-A lease bid.
3. Mark the envelope "Bid for NPR-A Lease". Be sure correct parcel number of tract on which the bid is submitted and date of bid opening are noted plainly on envelope. No bid may be modified or withdrawn unless such modification or withdrawal is received prior to time fixed for opening of bids.
4. Mail or deliver bid to the proper BLM office or place indicated in the *Notice of Competitive Lease Sale*.
5. If the bidder is not the sole party in interest in the lease for which the bid is submitted, all other parties in interest may be required to furnish evidence of their qualifications upon written request by the BLM.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Serial No.

UTU95316

OFFER TO LEASE AND LEASE FOR GEOTHERMAL RESOURCES
(For New Leases Issued Under the Energy Policy Act of 2005 [August 5, 2005])

The undersigned (see page 2) offers to lease all or any of the lands in item 2 that are available for lease pursuant to the Geothermal Steam Act of 1970, as amended (30 U.S.C. 1001-1025).

READ INSTRUCTIONS BEFORE COMPLETING

1 Name [REDACTED]	1a Street [REDACTED]	
1b City [REDACTED]	1c State [REDACTED]	1d Zip Code [REDACTED]

2 Surface managing agency if other than BLM: _____ Unit/Project **UT0320-GEO-029 Sale Date: 12/15/2020**

Legal description of land requested (segregate by public domain and acquired lands) Enter T, R, Meridian, State and County

Total Acres Applied for _____

Percent U.S. interest _____

Amount remitted Processing Fee \$ _____ Rental Fee \$ _____ Total \$ _____

DO NOT WRITE BELOW THIS LINE

3 Land included in lease Enter T, R., Meridian, State and County

T. [REDACTED] Meridian SLM State Utah County Beaver

Total Acres in Lease [REDACTED]

Rental Retained \$ [REDACTED]

In accordance with the above offer, or the previously submitted competitive bid, this lease is issued granting the exclusive right to drill for, extract, produce, remove, utilize, sell, and dispose of all the geothermal resources in the lands described in Item 3 together with the right to build and maintain necessary improvements thereupon, for a primary term of 10 years and subsequent extensions thereof in accordance with 43 CFR subpart 3207. Rights granted are subject to applicable laws, the terms, conditions, and attached stipulations of this lease, the Secretary of the Interior's regulations and formal orders in effect as of lease issuance, and, when not inconsistent with the provisions of this lease, regulations and formal orders hereafter promulgated.

<p>Type of Lease</p> <p><input checked="" type="checkbox"/> Competitive</p> <p><input type="checkbox"/> Noncompetitive</p> <p><input type="checkbox"/> Noncompetitive direct use (43 CFR subpart 3205)</p>	<p>THE UNITED STATES OF AMERICA</p> <p>BY <u>Matthew Janowiak</u> (Signing Official)</p> <p>Matthew Janowiak (Printed Name)</p> <p>Minerals Support Manager (Title)</p> <p>EFFECTIVE DATE OF LEASE FEB - 1 2021 (Date)</p> <p>Check if this is a converted lease <input type="checkbox"/></p> <p>EFFECTIVE DATE OF LEASE CONVERSION _____</p>
<p>Comments:</p>	

STATE OF UTAH

COUNTY OF SALT LAKE

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CONFIDENTIAL

On this day of JAN 13 2021, before me, Jeremiah Kendall, a notary public, personally appeared Matthew Janowiak, Minerals Support Manager, Bureau of Land Management, Utah State Office, proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he executed the same. Witness my hand and official seal.





CONFIDENTIAL

4. (a) The undersigned certifies that:
- (1) The offeror is a citizen of the United States, an association of such citizens; a municipality; or a corporation organized under the laws of the United States, any State or the District of Columbia.
 - (2) All parties holding an interest in the offer are in compliance with 43 CFR part 3200 and the authorizing Act.
 - (3) The offeror's chargeable interests, direct and indirect, do not exceed those allowed under the Act.
 - (4) The offeror is not considered a minor under the laws of the State in which the lands covered by this offer are located.
- (b) The undersigned agrees that signing this offer constitutes acceptance of all terms, conditions and stipulations of which the offeror has been given notice. The offeror further agrees that this offer cannot be withdrawn, either in whole or part, unless the withdrawal is received by the proper BLM State Office before this lease, an amendment to this lease, or a separate lease, whichever covers the land described in the withdrawal, has been signed on behalf of the United States.

This offer will be rejected and will afford the offeror no priority if it is not properly completed and executed in accordance with the regulations or if it is not accompanied by the required payments. Title 18 U.S.C. § 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

Duly executed this _____ day of _____, 20____

See Bid Form 3000-2 for Signature

(Printed Name of Lessee or Attorney-in-fact)

(Signature of Lessee or Attorney-in-fact)

LEASE TERMS

Sec. 1. Rentals.—Rentals must be paid to the proper office of the lessor in advance of each lease year. Annual rental rates per acre or fraction thereof, as applicable, are:

- (a) Noncompetitive lease (includes post-sale parcels not receiving bids, a direct use lease or a lease issued to a mining claimant) \$1.00 for the first 10 years; thereafter \$5.00; or
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- Annual rental is always due by the anniversary date of this lease (43 CFR 3211.13), regardless of whether the lease is in a unit or outside of a unit, the lease is in production or not, or royalties or direct use fees apply to the production.

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The royalty rate for byproducts derived from geothermal resource production that are minerals specified in section 1 of the Mineral Leasing Act (MLA) as amended (30 U.S.C. 181), is 5 percent, except for sodium compounds, produced between September 29, 2006 and September 29, 2011 (Pub. L. No. 109-338, §102; note to 30 U.S.C. 362) for which the royalty rate is 2 percent. No royalty is due on byproducts that are not specified in 30 U.S.C. § 181 (43 CFR 3211.19).

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In a formal and manner approved by lessor, lessee must keep a daily drilling record, a log, and complete information on well surveys and tests; keep a record of subsurface investigations, and furnish copies to lessor when required.

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Sec. 7. Production of byproducts.—If the production, use, or conversion of geothermal resources from these leased lands is susceptible of producing a valuable byproduct or byproducts, including commercially demineralized water for beneficial uses in accordance with applicable State water laws, lessor may require substantial beneficial production or use thereof by lessee.

Sec. 8. Damages to property.—Lessee must pay lessor for damage to lessor's improvements, and must save and hold lessor harmless from all claims for damage or harm to persons or property as a result of lease operations.

Sec. 9. Protection of diverse interests and equal opportunity.—Lessee must maintain a safe working environment in accordance with applicable regulations and standard industry practices, and take measures necessary to protect public health and safety. Lessor reserves the right to ensure that production is sold at reasonable prices and to prevent monopoly. Lessee must comply with Executive Order No. 11246 of September 24, 1965, as amended, and regulations and relevant orders of the Secretary of Labor issued pursuant thereto. Neither lessee nor lessee's subcontractor may maintain segregated facilities.

Sec. 10. Transfer of lease interests and relinquishment of lease.—As required by regulations, lessee must file with lessor any assignment or other transfer of an interest in this lease. Subject to the requirements of 43 CFR subpart 3213, lessee may relinquish this lease or any legal subdivision by filing in the proper office a written relinquishment, which will be effective as of the date BLM receives it, subject to the continued obligation of the lessee and surety to be responsible for: paying all accrued rentals and royalties; plugging and abandoning all wells on the relinquished land, restoring and reclaiming the surface and other resources; and complying with 43 CFR 3200.4.

Sec. 11. Delivery of premises.—At such time as all or portions of this lease are returned to lessor, lessee must place all wells in condition for suspension or abandonment, reclaim the land as specified by lessor, and within a reasonable period of time, remove equipment and improvements not deemed necessary by lessor for preservation of producible wells or continued protection of the environment.

Sec. 12. Proceedings in case of default.—If lessee fails to comply with any provisions of this lease or other applicable requirements under 43 CFR 3200.4, and the noncompliance continues for 30 days after written notice thereof, this lease will be subject to termination in accordance with the Act and 43 CFR 3213. This provision will not be construed to prevent the exercise by lessor of any other legal and equitable remedy or action, including waiver of the default. Any such remedy, waiver, or action will not prevent later termination for the same default occurring at any other time. Whenever the lessee fails to comply in a timely manner with any of the provisions of the Act, this lease, the regulations, or other applicable requirements under 43 CFR 3200.4 and immediate action is required, the lessor may enter on the leased lands and take measures deemed necessary to correct the failure at the lessee's expense.

Sec. 13. Heirs and successors-in-interest.—Each obligation of this lease will extend to and be binding upon, and every benefit hereof will inure to, the heirs, executors, administrators, successors, or assigns of the respective parties hereto.

CONFIDENTIAL

INSTRUCTIONS

A. General

1. Items 1 and 2 need to be completed only by parties filing for a noncompetitive lease. The BLM will complete the front of the form for other types of leases. The BLM may use the "Comments" space under Item 3 to identify when the lessee has elected to make all lease terms subject to the Energy Policy Act of 2005 under 43 CFR 3200.7(a)(2) or 43 CFR 3200.8(b) (box labeled "converted lease" must also be checked); the lease is being issued noncompetitively to a party who holds a mining claim on the same lands as is covered by the lease under 43 CFR 3204.12; the lease is a direct use lease issued to a State, local, or tribal government (box at section 2(e) under Lease Terms must also be checked); the lease is a competitive lease with direct-use-only stipulations attached, or other special circumstances exist. A lessee who seeks to convert only the royalty rate of a lease under 43 CFR 3212.25 or who qualifies for a case-by-case royalty rate determination under 43 CFR 3211.17(b)(1)(i) should not use this form, but should instead use an addendum to the existing lease.
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Item 1—Enter the offeror's name and billing address.

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Item 3—The BLM will complete this space.

NOTICES

The Privacy Act of 1974 and the regulation at 43 CFR 2.48(d) provide that you be furnished with the following information in connection with information required by this geothermal lease application.

AUTHORITY: 30 U.S.C. 1000 et seq.

PRINCIPAL PURPOSE:—The information is to be used to process geothermal lease applications.

ROUTINE USES: (1) The adjudication of the lessee's rights to the land or resources. (2) Documentation for public information in support of notations made on land status records for the management, disposal, and use of public lands and resources. (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting uses or rights in public lands or resources. (4) Transfer to the appropriate Federal, State, local, or foreign agencies, when relevant to civil, criminal, or regulatory investigations or prosecutions.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
**COMPETITIVE OIL AND GAS OR
GEOTHERMAL RESOURCES LEASE BID**

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)

Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

State

UT

Date of Sale

12/15/20

CONFIDENTIAL

PARCEL NUMBER	AMOUNT OF BID (see instructions below)	
	TOTAL BID	PAYMENT SUBMITTED WITH BID
THE BID IS FOR (check one): <input type="checkbox"/> Oil and Gas Serial/Parcel No. _____		
<input checked="" type="checkbox"/> Geothermal Serial/Parcel No. UT0320-GEO-029		

The appropriate regulations applicable to this bid are: (1) for oil and gas leases—43 CFR 3120; (2) for National Petroleum Reserve-Alaska (NPR-A) leases—43 CFR 3132; and (3) for Geothermal resources leases—43 CFR 3203.17. (See details concerning lease qualifications on next page.)

I CERTIFY THAT I have read and am in compliance with; and not in violation of the lessee qualification requirements under the applicable regulations for this bid.

I CERTIFY THAT this bid is not in violation of 18 U.S.C. 1860 which prohibits unlawful combination or intimidation of bidders. I further certify that this bid was arrived at independently and is tendered without collusion with any other bidder for the purpose of restricting competition.

IMPORTANT NOTICE: Execution of this form where the offer is the high bid, constitutes a binding lease offer including all applicable terms and conditions. Failure to comply with the applicable laws and regulations under which this bid is made will result in rejection of the bid and forfeiture of all monies submitted.

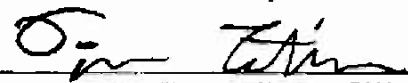
Print or Type Name of Lessee

Address of Lessee

(City)

(State)

(Zip Code)



Signature of Lessee or Bidder

INSTRUCTIONS

INSTRUCTIONS FOR OIL AND GAS OR GEOTHERMAL BID
(Except NPR-A)

1. Separate bid form for each lease/parcel is required. Identify by the serial/parcel number assigned in the *Notice of Competitive Lease Sale*.
2. Bid must be accompanied by the national minimum acceptable bid, the first year's rental and the administrative fee. The remittance must be in the form specified: (1) for oil and gas leases in 43 CFR 3103.1-1; and (2) for geothermal resources leases in 43 CFR 3203.17. The remainder of the bonus bid, if any, must be submitted to the proper Bureau of Land Management (BLM) office within 10 working days for oil and gas, and 15 working days for geothermal, after the last day of the oral auction. Failure to submit the remainder of the bonus bond within the statutory timeframe (or regulatory) will result in rejection or revocation, as appropriate, of the bid offer and forfeiture of all monies paid.
3. If the bidder is not the sole party in interest in the lease for which the bid is submitted, all other parties in interest may be required to furnish evidence of their qualifications upon written request by the BLM.
4. This bid may be executed (signed) before the oral auction. If signed before the oral auction, this form cannot be modified without being executed again.
5. In view of the above requirement (4), the bidder may wish to leave the AMOUNT OF BID section blank so that final bid amount may be either completed by the bidder or the BLM at the oral auction.

INSTRUCTIONS FOR NPR-A OIL AND GAS BID

1. Separate bid form for each parcel is required. Identify the parcel by the number assigned to a tract.
2. Bid must be accompanied by one-fifth of the amount of the bid. The remittance must be in the form specified in 43 CFR 3132.2 for a NPR-A lease bid.
3. Mark the envelope "Bid for NPR-A Lease". Be sure correct parcel number of tract on which the bid is submitted and date of bid opening are noted plainly on envelope. No bid may be modified or withdrawn unless such modification or withdrawal is received prior to time fixed for opening of bids.
4. Mail or deliver bid to the proper BLM office or place indicated in the *Notice of Competitive Lease Sale*.
5. If the bidder is not the sole party in interest in the lease for which the bid is submitted, all other parties in interest may be required to furnish evidence of their qualifications upon written request by the BLM.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OFFER TO LEASE AND LEASE FOR GEOTHERMAL RESOURCES
(For New Leases Issued Under the Energy Policy Act of 2005 (August 5, 2005))

Serial No.

UTU95318

The undersigned (see page 2) offers to lease all or any of the lands in item 2 that are available for lease pursuant to the Geothermal Steam Act of 1970, as amended (30 U.S.C. 1001-1025).

READ INSTRUCTIONS BEFORE COMPLETING

I. Name	1a. Street	
Ib. City	1c. State	1d. Zip Code

2. Surface managing agency if other than BLM: _____ Unit/Project: UT0320-GEO-031 Sale Date: 12/15/2020

Legal description of land requested (segregate by public domain and acquired lands): Enter T., R., Meridian, State and County

Total Acres Applied for _____

Percent U.S. interest _____

Amount remitted. Processing Fee \$ _____ Rental Fee \$ _____ Total \$ _____

DO NOT WRITE BELOW THIS LINE

3. Land included in lease: Enter T., R., Meridian, State and County

T. _____ Meridian SLM State Utah County Beaver

Total Acres in Lease _____

Rental Retained \$ _____

In accordance with the above offer, or the previously submitted competitive bid, this lease is issued granting the exclusive right to drill for, extract, produce, remove, utilize, sell, and dispose of all the geothermal resources in the lands described in Item 3 together with the right to build and maintain necessary improvements thereupon, for a primary term of 10 years and subsequent extensions thereof in accordance with 43 CFR subpart 3207. Rights granted are subject to: applicable laws, the terms, conditions, and attached stipulations of this lease; the Secretary of the Interior's regulations and formal orders in effect as of lease issuance, and, when not inconsistent with the provisions of this lease, regulations and formal orders hereafter promulgated

Type of Lease:

- ☒ Competitive
☐ Noncompetitive
☐ Noncompetitive direct use (43 CFR subpart 3205)

Comments:

THE UNITED STATES OF AMERICA

BY



(Signing Official)

Matthew Janowiak

(Printed Name)

Minerals Support Manager

(Title)

JAN 13 2021

(Date)

EFFECTIVE DATE OF LEASE

FEB - 1 2021

Check if this is a converted lease ☐

EFFECTIVE DATE OF LEASE CONVERSION _____

STATE OF UTAH

)

) §

COUNTY OF SALT LAKE

)



On this day of JAN 13 2021, before me, Jeremiah Kendall, a notary public, personally appeared Matthew Janowiak, Minerals Support Manager, Bureau of Land Management, Utah State Office, proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he executed the same. Witness my hand and official seal.



A handwritten signature in blue ink, appearing to read "Jeremiah Kendall", written over a horizontal line.

CONFIDENTIAL

4. (a) The undersigned certifies that:
- (1) The offeror is a citizen of the United States, an association of such citizens, a municipality or a corporation organized under the laws of the United States, any State or the District of Columbia; (2) All parties holding an interest in the offer are in compliance with 43 CFR part 3200 and the authorizing Act; (3) The offeror's chargeable interests, direct and indirect, do not exceed those allowed under the Act; and (4) The offeror is not considered a minor under the laws of the State in which the lands covered by this offer are located.
 - (b) The undersigned agrees that signing this offer constitutes acceptance of this lease, including all terms, conditions and stipulations of which the offeror has been given notice. The offeror further agrees that this offer cannot be withdrawn, either in whole or part, unless the withdrawal is received by the proper BLM State Office before this lease, an amendment to this lease, or a separate lease, whichever covers the land described in the withdrawal, has been signed on behalf of the United States.

This offer will be rejected and will afford the offeror no priority if it is not properly completed and executed in accordance with the regulations or if it is not accompanied by the required payments. Title 18 U.S.C. § 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

Daily executed this _____ day of _____, 20____

See Bid Form 3000-2 for Signature

(Printed Name of Lessee or Attorney-in-fact)

(Signature of Lessee or Attorney-in-fact)

LEASE TERMS

Sec. 1. **Rentals**—Rentals must be paid to the proper office of the lessor in advance of each lease year. Annual rental rates per acre or fraction thereof, as applicable, are:

- (a) Noncompetitive lease (includes post-sale parcels not receiving bids, a direct use lease or a lease issued to a mining claimant): \$1.00 for the first 10 years; thereafter \$3.00, or
 - (b) Competitive lease: \$2.00 for the first year; \$3.00 for the second through tenth year; thereafter \$5.00.
- Annual rental is always due by the anniversary date of this lease (43 CFR 3211.13), regardless of whether the lease is in a unit or outside of a unit; the lease is in production or not; or royalties or direct use fees apply to the production.
- Rental may only be credited toward royalty under 43 CFR 3211.15 and 30 CFR 218.303. Rental may not be credited against direct use fees. Failure to pay annual rental timely will result in late fees and will make the lease subject to termination in accordance with 43 CFR 3213.14.

Sec. 2. (a) **Royalties**—Royalties must be paid to the proper office of the lessor. Royalties are due on the last day of the month following the month of production. Royalties will be computed in accordance with applicable regulations and orders. Royalty rates for geothermal resources produced for the commercial generation of electricity but not sold in an arm's length transaction are: 1.75 percent for the first 10 years of production and 3.5 percent after the first 10 years. The royalty rate is to be applied to the gross proceeds derived from the sale of electricity in accordance with 30 CFR part 206 subpart H.

The royalty rate for byproducts derived from geothermal resource production that are minerals specified in section 1 of the Mineral Leasing Act (MLA), as amended (30 U.S.C. 181), as 5 percent, except for sodium compounds, produced between September 29, 2006 and September 29, 2011 (Pub. L. No. 109-338, §102, note to 30 U.S.C. 352) for which the royalty rate is 2 percent. No royalty is due on byproducts that are not specified in 30 U.S.C. § 181. (43 CFR 3211.19.)

If the lease or a portion thereof is committed to an approved communityization or unit agreement and the agreement contains a provision for allocation of production, royalties must be paid on the production allocated to this lease.

(b) **Arm's length transactions**—The royalty rate for geothermal resources sold by you or your affiliate at arm's length to a purchaser is 10 percent of the gross proceeds derived from the arm's-length sale (43 CFR 3211.17, 3211.18).

(c) **Advanced royalties**—In the absence of a suspension, if you cease production for more than one calendar month on a lease that is subject to royalties and that has achieved commercial production, your lease will remain in effect only if you make advanced royalty payments in accordance with 43 CFR 3212.15(a) and 30 CFR 218.305.

(d) **Direct use fees**—Direct use fees must be paid in lieu of royalties for geothermal resources that are utilized for commercial, residential, agricultural, or other energy needs other than the commercial production or generation of electricity, but not sold in an arm's length transaction (43 CFR 3211.18, 30 CFR 206.156). This requirement applies to any direct use of federal geothermal resources (unless the resource is exempted as described in 30 CFR 202.351(b) or the lessee is covered by paragraph (a), below) and is not limited to direct use leases. Direct use fees are due on the last day of the month following the month of production.

(e) If the lessee is a State, tribal, or local government covered by 43 CFR 3211.18(a)(7) and 30 CFR 206.366, check here ☐ A lessee under this paragraph is not subject to paragraph (d), above. In lieu of royalties, the lessee under this paragraph must pay a nominal fee of \$_____.

Sec. 3. **Bonds**—A bond must be filed and maintained for lease operations as required by applicable regulations.

Sec. 4. **Work requirements, rate of development, utilization, and drainage**—Lessee must perform work requirements in accordance with applicable regulations (43 CFR 3207.11, 3207.12), and must prevent unnecessary damage to, loss of, or waste of leased resources. Lessor reserves the right to specify rates of development and production and to require lessee to commit to a communityization or unit agreement, within 30 days of notice, if in the public interest. Lessee must drill and produce wells necessary to protect leased lands from drainage or pay compensatory royalty for drainage in the amount determined by lessor. Lessor will exempt lessee from work requirements only where the lease overlies a mining claim that has an approved plan of operations and where BLM determines that the development of the geothermal resource on the lease would interfere with the mining operation (43 CFR 3207.13).

Sec. 5. **Documents, evidence, and inspection**—Lessee must file with the proper office of the lessor, not later than (30) days after the effective date thereof, any contract or evidence of other arrangement for the sale, use, or disposal of geothermal resources, byproducts produced, or for the sale of electricity generated using geothermal resources produced from the lease. At such times and in such form as lessor may prescribe, lessee must furnish detailed statements and all documents showing (a) amounts and quality of all geothermal resources produced and used (either for commercial production or generation of electricity or in a direct use operation) or sold, (b) proceeds derived therefrom or from the sale of electricity generated using such resources, (c) amounts that are unavoidably lost or rejected before use, used to generate plant parasitic electricity (as defined in 30 CFR 206.351) or electricity for lease operations, or otherwise used for lease operations related to the commercial production or generation of electricity, and (d) amounts and quality of all byproducts produced and proceeds derived from the sale or disposition thereof. Lessee may be required to provide plans and schematic diagrams showing development work and improvements, and reports with respect to parties in interest.

In a formal and manner approved by lessor, lessee must: keep a daily drilling record, a log, and complete information on well surveys and tests; keep a record of subsurface investigations, and furnish copies to lessor when required.

Lessee must keep open at all reasonable times for inspection by any authorized officer of lessor, the leased premises and all wells, improvements, machinery, and fixtures thereon, and all books, accounts, maps, and records relative to operations, surveys, or investigations on or in the leased lands. Lessee must maintain copies of all contracts, sales agreements, accounting records, billing records, invoices, gross proceeds and payment data regarding the sale, disposition, or use of geothermal resources, byproducts produced, and the sale of electricity generated using resources produced from the lease, and all other information relevant to determining royalties or direct use fees. All such records must be maintained in lessee's accounting offices for future audit by lessor and produced upon request by lessor or lessor's authorized representative or agent. Lessee must maintain required records for 5 years after they are generated or, if an audit or investigation is underway, until released of the obligation to maintain such records by lessor.

Sec. 6. **Conduct of operations**—Lessee must conduct operations in a manner that minimizes adverse impacts to the land, air, and water, to cultural, biological, visual, and other resources, and to other land uses or users. Lessee must take reasonable measures deemed necessary by lessor to accomplish the intent of this section. To the extent consistent with leased rights granted, such measures may include, but are not limited to, modification to siting or design of facilities, timing of operations, and specification of interim and final reclamation measures. Lessor reserves the right to continue existing uses and to authorize future uses upon or in the leased lands, including the approval of easements or rights-of-way. Such uses will be conditioned so as to prevent unnecessary or unreasonable interference with rights of lessee. Prior to disturbing the surface of the leased lands, lessee must conduct a surface use assessment and procedures to be followed and modifications or reclamation measures that may be necessary. Areas to be disturbed may require inventories or special studies to determine the extent of impacts to other resources. Lessor may require lessee to complete minor inventories or short term special studies under guidelines provided by lessor. If in the conduct of operations, threatened or endangered species, objects of historic or scientific interest, or substantial unanticipated environmental effects are observed, lessee must immediately contact lessor. Lessee must cease any operations that are likely to affect or take such species, or result in the modification, damage or destruction of such habitats or objects.

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UNITED STATES
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State

UT

Date of Sale

12/15/20

PARCEL NUMBER	AMOUNT OF BID (see instructions below)	
	TOTAL BID	PAYMENT SUBMITTED WITH BID
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I CERTIFY THAT I have read and am in compliance with; and not in violation of the lessee qualification requirements under the applicable regulations for this bid.

I CERTIFY THAT this bid is not in violation of 18 U.S.C. 1860 which prohibits unlawful combination or intimidation of bidders. I further certify that this bid was arrived at independently and is tendered without collusion with any other bidder for the purpose of restricting competition.

IMPORTANT NOTICE: Execution of this form where the offer is the high bid, constitutes a binding lease offer including all applicable terms and conditions. Failure to comply with the applicable laws and regulations under which this bid is made will result in rejection of the bid and forfeiture of all monies submitted.

Print or Type Name of Lessee

Address of Lessee

(City)

(State)

(Zip Code)

Signature of Lessee or Bidder

INSTRUCTIONS

**INSTRUCTIONS FOR OIL AND GAS OR GEOTHERMAL BID
(Except NPR-A)**

1. Separate bid form for each lease/parcel is required. Identify by the serial/parcel number assigned in the *Notice of Competitive Lease Sale*.
2. Bid must be accompanied by the national minimum acceptable bid, the first year's rental and the administrative fee. The remittance must be in the form specified: (1) for oil and gas leases in 43 CFR 3103.1-1; and (2) for geothermal resources leases in 43 CFR 3203.17. The remainder of the bonus bid, if any, must be submitted to the proper Bureau of Land Management (BLM) office within 10 working days for oil and gas, and 15 working days for geothermal, after the last day of the oral auction. Failure to submit the remainder of the bonus bond within the statutory timeframe (or regulatory) will result in rejection or revocation, as appropriate, of the bid offer and forfeiture of all monies paid.
3. If the bidder is not the sole party in interest in the lease for which the bid is submitted, all other parties in interest may be required to furnish evidence of their qualifications upon written request by the BLM.
4. This bid may be executed (signed) before the oral auction. If signed before the oral auction, this form cannot be modified without being executed again.
5. In view of the above requirement (4), the bidder may wish to leave the AMOUNT OF BID section blank so that final bid amount may be either completed by the bidder or the BLM at the oral auction.

INSTRUCTIONS FOR NPR-A OIL AND GAS BID

1. Separate bid form for each parcel is required. Identify the parcel by the number assigned to a tract.
2. Bid must be accompanied by one-fifth of the amount of the bid. The remittance must be in the form specified in 43 CFR 3132.2 for a NPR-A lease bid.
3. Mark the envelope "Bid for NPR-A Lease". Be sure correct parcel number of tract on which the bid is submitted and date of bid opening are noted plainly on envelope. No bid may be modified or withdrawn unless such modification or withdrawal is received prior to time fixed for opening of bids.
4. Mail or deliver bid to the proper BLM office or place indicated in the *Notice of Competitive Lease Sale*.
5. If the bidder is not the sole party in interest in the lease for which the bid is submitted, all other parties in interest may be required to furnish evidence of their qualifications upon written request by the BLM.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

Attachment F
Long-Duration Storage Affidavit

AFFIDAVIT of
Desert Community Energy

State of California

County of Riverside

I, Tom Kirk, Officer of Desert Community Energy (“DCE”), a public agency, and known to be a credible person and of lawful age, hereby declare under the penalty of perjury that insufficient bids for a 2026 reliability resource were accepted for the reasons contained in the attached Compliance Data Report (“Report”).

Furthermore, the information and statements contained in following Report are true and correct to the best of my knowledge and that as an authorized agent of DCE, I maintain the authority to submit this report and affidavit on DCE’s behalf.

Sworn under the penalty of perjury on this 31st day of January, 2023.

By: Tom Kirk
Tom Kirk (Jan 31, 2023 16:33 PST)

Tom Kirk
Executive Director
Desert Community Energy
73710 Fred Waring Drive, Suite 200
Palm Desert, CA 92260
(760) 346-1127
tkirk@cvag.org

Attachment G
2023 RFO Staff Report

ITEM 8D

Desert Community Energy Board February 6, 2023



STAFF REPORT

Subject: Mid-Term Reliability 2023 Request for Offers

Contact: David Freedman, Program Manager (dfreedman@cvaq.org)

Recommendation: Information

Background: In October 2021, the DCE Board of Directors approved the release of DCE's Mid-Term Reliability Request for Offers (RFO) to meet the needs required by California Public Utilities Commission (CPUC) Mid-Term Reliability (MTR) procurement order, Decision 21-06-035 from June 2021. This decision requires DCE, as well as other California load-serving entities (LSEs) including CCAs and Investor-Owned Utilities, to procure resources required to be online between 2023 and 2026 to meet electric system reliability needs.

The MTR procurement order is designed to achieve California's ambitious greenhouse gas emissions reduction targets for 2030 and to keep the state on a clear path to meeting the ultimate goal of 100 percent zero-carbon electricity resources by 2045. Eligible resources include solar, wind, battery storage, geothermal and other renewable resources, as well as demand response resources. The decision also states that the CPUC expects all the resources procured pursuant to that decision to be zero-emitting unless they otherwise qualify under renewables portfolio standard (RPS) eligibility requirements. More specifically, the 2021 MTR procurement order requires DCE to have 6 megawatts (MW) of long-lead-time (LLT) resources online by June 1, 2026, with half coming from long-duration storage (defined in the MTR procurement order as able to deliver at maximum capacity for at least eight hours from a single resource) and the other half from zero-emitting or RPS-eligible generation resources that must be able to deliver firm power (with a capacity factor of at least 80 percent).

DCE's Board has approved two projects that satisfy the MTR procurement order, which were submitted in the joint MTR RFO that DCE launched in January 2022 together with its CCA partners California Choice Energy Authority and Clean Energy Alliance. In June 2022, the DCE Board endorsed its first contract by authorizing the Executive Director to negotiate and execute a 10-year Western Systems Power Pool Resource Adequacy Confirmation with Resi Station, LLC, a subsidiary of OhmConnect, for resource adequacy benefits from aggregated demand response.

In September 2022, the DCE Board authorized the Executive Director to execute a Renewable Power Purchase Agreement with Cape Generating Station 1 LLC, a subsidiary of Fervo Energy (Fervo), for a geothermal project located in Beaver County, Utah. DCE's pro rata share of the project is 3 megawatts (MW) of the 20 MW average net capacity over a 15-year period, which satisfies the requirement for LLT firm, zero-emitting or RPS resources. Although this joint MTR RFO with DCE's CCA partners also sought long-duration storage projects, there were limited responses during the procurement process. Of these responses, the projects were either unviable or ineligible.

On January 13, 2023, the CPUC issued a Proposed Decision that extends more time to procurement by postponing the LLT procurement deadline until June 1, 2028. The Proposed Decision also orders supplemental MTR procurement by LSEs in 2026 and 2027; DCE's procurement obligation in each of those two years is 6 MW. The Proposed Decision would allow DCE to count the Fervo project towards its 2026 procurement obligation, but in that case DCE would need to procure another 3 MW of zero-emitting or RPS-eligible resources by June 1, 2028, to satisfy that part of its LLT procurement requirement. The CPUC is expected to vote on the Proposed Decision as soon as its February 23 meeting.

Accordingly, DCE staff now anticipates launching a new RFO to satisfy its long-duration storage and additional MTR procurement order obligations following expected approval of the Proposed Decision. As part of the RFO, DCE will request offers for renewable energy and storage projects including for distributed energy resources (DER) such as rooftop solar, with a preference for projects both locally in the DCE territory and within the inland region. This procurement will also help DCE comply with the State's ambitious RPS requirements including SB 1020, which was signed by Governor Newsom on September 16, 2022, and became effective on January 1, 2023. SB 1020 establishes State policy that eligible renewable energy resources and zero-carbon resources supply 90 percent of all retail sales of electricity to California end-use customers by December 31, 2035, 95 percent of all retail sales of electricity to California end-use customers by December 31, 2040, and 100 percent of all retail sales of electricity to California end-use customers by December 31, 2045.

Procurement of local and/or regional renewable energy and storage is in line with the procurement policy adopted by DCE's Board at its meeting of July 18, 2022. Since promotion of local job creation is one of the core goals of DCE, the procurement policy also includes a local preference based substantially on the Local Business Preference Program in effect in both the Cities of Palm Desert and Palm Springs. To this end, DCE staff has already begun discussions with developers of renewable energy and battery storage projects that are interested in locating in Palm Springs, including utility-scale projects in the Energy Industrial Zone in North Palm Springs and a DER provider that would install solar panels connected to a battery at homes of DCE customers at no upfront cost or financial obligation to the homeowners. DCE staff will also conduct outreach to other local renewable energy developers, including developers of geothermal resources in the Salton Sea area and developers of advanced long-duration energy storage technologies, to encourage them to participate in the RFO.

DCE staff has also begun discussions with another CCA to potentially partner in a solicitation as was the case for the January 2022 MTR RFO, rather than conducting a stand-alone solicitation. Such a collaboration would be pursued if it would be mutually beneficial for both DCE and a potential partner, allowing for the agencies to maximize their own resources and reach a broader audience. If a collaboration is successful, the RFO may be handled by another CCA with input from DCE. In that case, the RFO would not be released by DCE.

If the RFO is issued by DCE directly, staff will work with its consultant The Energy Authority (TEA) to prepare and release an RFO consistent with the 2022 MTR RFO and the renewable energy RFO that DCE released in 2020. The RFO will include information for potential respondents that will allow for a detailed quantitative analysis of all proposed projects to support the RFO evaluation and selection. One or more term sheets laying out DCE's preferred contracting terms will also be included for potential respondents to consider while developing their offer and pricing.

With this item, DCE staff will launch of the RFO process to meet DCE's MTR and RPS obligations, and secure zero-emitting energy supply for DCE's customers. Having a prompt release of the RFO will ensure execution of negotiated contracts in a timely manner.

Fiscal Analysis: The costs associated with launching this RFO are covered under the existing TEA contract and staff time. The procurement activities in the proposed RFO, when executed, will ensure that DCE is compliant with state requirements and meets the Board's objectives for procurement of local renewable energy and storage resources. DCE staff will work closely with TEA and DCE legal counsel to determine which contracts from this RFO will best allow DCE to meet the state compliance requirements and Board objectives while balancing fiscal concerns.

Any contracts associated with this RFO will be brought to the Board for approval before execution.