

DOCKETED

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Project Title:	Electricity Resource Plans
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Document Title:	OCPA Electricity Resource Plan Template - Public
Description:	OCPA Electricity Resource Plan Template - Public
Filer:	Kari Cameron
Organization:	Orange County Power Authority
Submitter Role:	Public Agency
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Docketed Date:	11/14/2025

State of California
 California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
 Administrative Information



Name of Load Serving Entity ("LSE")	Orange County Power Authority
Name of Resource Planning Coordinator	

Persons who prepared Supply Forms	S-1 Requirement	S-2 Supply	S-2 Addendum	S-3 Small POU Hourly Loads	S-5 Bilateral Contracts	Application for Confidentiality
Name:	John Sanchez	John Sanchez	John Sanchez		John Sanchez	
Title:	Analyst	Analyst	Analyst		Analyst	
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Address:	300 University Ave, Suite 220	300 University Ave, Suite 220	300 University Ave, Suite 220		300 University Ave, Suite 220	3349 Michelson Drive, Suite 200
Address 2:						
City:	Sacramento	Sacramento	Sacramento		Sacramento	Irvine
State:	CA	CA	CA		CA	CA
Zip:	95825	95825	95825		95825	92612
Date Completed:	11/7/2025	11/7/2025	11/7/2025		11/7/2025	11/7/2025
Date Updated by LSE:						
Back-up / Additional Contact Persons for Questions about these Forms (Optional):						
Name:	Alden Walden	Alden Walden	Alden Walden		Alden Walden	Alden Walden
Title:	Consultant	Consultant	Consultant		Consultant	Consultant
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Telephone:	(916) 571- 6329	(916) 571- 6329	(916) 571- 6329		(916) 571- 6329	(916) 571- 6330
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Address 2:						
City:	Sacramento	Sacramento	Sacramento		Sacramento	Sacramento
State:	CA	CA	CA		CA	CA
Zip:	95825	95825	95825		95825	95826



Orange County Power Authority

Yellow fills indicate confidentiality is being requested pursuant to Appendix A.

Bold font cells sum automatically. Data input by User are in dark green font.

line	Capacity Procurement Requirement (MW)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
	PEAK LOAD CALCULATIONS	(Actual Load)	(Actual Load)	(Forecast Load ->)									
1	Forecast Total Peak-Hour 1-in-2 Demand	690											
2a	ESP Demand: Existing Customer Contracts												
2b	ESP Demand: New and Renewed Contracts												
2c	ESP Demand in PG&E service area												
2d	ESP Demand in SCE service area												
2e	ESP Demand in SDG&E service area												
3	Additional Achievable Energy Efficiency (-)												
4	Demand Response / Interruptible Programs (-)												
5	Adjusted Demand: End-Use Customers	690											
6	Coincidence Adjustment (-)	(33)											
7	Coincident Peak-Hour Demand	658											
8	Required Planning Reserve Margin	112											
9	Credit for Imports That Carry Reserves (-)												
10	Firm Sales Obligations												
11	Firm LSE Procurement Requirement	769											
	ENERGY DEMAND CALCULATIONS	(Actual Load)											
12	Forecast Total Energy Demand / Consumption	2,871											
13a	ESP Demand: Existing Customer Contracts												
13b	ESP Demand: New and Renewed Contracts												
13c	ESP Demand in PG&E service area												
13d	ESP Demand in SCE service area												
13e	ESP Demand in SDG&E service area												
14	Additional Achievable Energy Efficiency (-)												
15	Demand Response / Interruptible Programs (-)												
16	Adjusted Demand: End-Use Customers	2,871	2,624	2,328	2,397	2,609	2,634	2,647	2,668	2,688	2,717	2,729	2,750
17	Firm Sales Obligations												
18	Firm LSE Procurement Requirement	2,871	2,624	2,328	2,397	2,609	2,634	2,647	2,668	2,688	2,717	2,729	2,750

line	Historic LSE Peak Load:	MW	
		Year 2023	Year 2024
19	Annual Peak Load / Actual Metered Deliveries	690.2	683.7
20	Date of Peak Load for Annual Peak Deliveries	8/29/23	9/6/24
21	Hour Ending for Annual Peak Deliveries	16	15
22	Interruptible Load called on during that hour (+)		
23	Self-Generation and DG Adjustments		
24	Adjustments for Major Outages		
25	Adjusted Annual Peak Load	690.2	683.7

Lines	Notes
x	per Instructions: Demand figures with Transmission losses included at LAL*1.025
x	



Yellow cells indicate confidentiality is being requested pursuant to Appendix A.

Bold font calls sum automatically. Data input by User are in dark green font.

CAPACITY SUPPLY RESOURCES (MW)	Plant/Unit Identifier - CEC ID	Plant/Unit Identifier - BA ID	Plant/Unit Identifier - DABO ID	Queue Number	Fuel Type	Nameplate Capacity	BA	Latitude	Longitude	County	Storage Duration Hours	Monthly Data	Incremental Capacity Addition	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034			
														(Actual Capacity)	(Actual Capacity)													
76												1.000	1.000															
8	Short-Term and Spot Market Purchases (incl. Trades)																											
CAPACITY/ENERGY BALANCE SUMMARY																												
9	Total Existing and Planned Supply																											
10	Peak LSE Procurement Requirements																											
11	Net Surplus (or Deficit)																											
12	Genetic Renewable Supply																											
13	Genetic Non-Renewable Resources																											
14	Specified Planning Reserve Margin																											

ENERGY SUPPLY RESOURCES (MWh)													
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
(Actual Supply)	(Actual Supply)												

Notes:
 1. All values are in MW unless otherwise specified.
 2. All values are in MWh unless otherwise specified.



Please copy more rows below as needed

Resource Name	Plant/Unit Identifier- CEC ID	Plant/Unit Identifier- EIA ID	Plant/Unit Identifier- CAISO ID	Queue Number	2025-1
Almasol Generating Station 7	S0723	64106	ALMASL 2 GS7SR7		
Coachella 1	W0479	64323	ALTWD 2 COAWD1		
WATSON COGENERATION	G0035	50216	ARCOGN 2 UNITS		
			BGSKYN 2 AS2SR1		
Genesis McCoy Bess	S0259	57,394	BLKCRK 2 GMCBT1		
Marsh Landing 4	G1011	57,267	COCOPP 2 CTG4		
Corcoran City	S0332	59087	CORCAN 1 SOLAR2		
Crimson		65,140	CRIMSN 2 CRMBT1		
Goose Lake	S0331	59086	GOOSLK 1 SOLAR1		
HIGH DESERT POWER PROJECT AGGREGATE	G0778	55518	HIDSRT 2 UNITS		
Pastoria Energy Facility	G0797	55656	LEBECS 2 UNITS		
Little Bear 3 Solar	S0704	62463	LTBEAR 1 LB3SR3		
Little Bear 4	S0705	62464	LTBEAR 1 LB4SR4		
Little Bear 4 Solar 5	S0706	62465	LTBEAR 1 LB4SR5		
MOSS LANDING POWER BLOCK 1	G0372	260	MOSSLD 2 PSP1		
MOSS LANDING POWER BLOCK 2	G0372	260	MOSSLD 2 PSP2		
			NP 15		
			PALOMR 2 PL1X3		
EdSan 2 Sanborn 3	S0752	0	SANBRN 2 ES2SB3		
Sandrini Sol 2	S0878	65,663	SANDRN 2 SS2SR2		
			SISPRG 2 DS3SR2		
			SP 15		
Sunrise Power Project AGGREGATE II	G0784	55182	SUNRIS 2 PL1X3		
Sutter Power Plant Pseudo-CISO	G0779	55,112	SUTTER 2 CISO		
			TBD		
			TBD - MCAM		
Lock Energy Center			TBD BESS4		
			TRNQL8 2 ROJSR1		
Painted Hills	W0311	50533	VENWD 1 WIND3		
Wolfskill Energy Center	G0913	55855	WOLFSK 1 UNITA1		

2025-2	2025-3	2025-4	2025-5	2025-6	2025-7	2025-8	2025-9	2025-10	2025-11	2025-12
[Redacted Content]										

2026-1	2026-2	2026-3	2026-4	2026-5	2026-6	2026-7	2026-8	2026-9	2026-10	2026-11
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;"> [</div>										

2026-12	2027-1	2027-2	2027-3	2027-4	2027-5	2027-6	2027-7	2027-8	2027-9	2027-10
[Redacted Content]										

2027-11	2027-12	2028-1	2028-2	2028-3	2028-4	2028-5	2028-6	2028-7	2028-8	2028-9
[Redacted Content]										

2028-10	2028-11	2028-12	2029-1	2029-2	2029-3	2029-4	2029-5	2029-6	2029-7	2029-8

2029-9	2029-10	2029-11	2029-12	2030-1	2030-2	2030-3	2030-4	2030-5	2030-6	2030-7
[Redacted Content]										

2030-8	2030-9	2030-10	2030-11	2030-12	2031-1	2031-2	2031-3	2031-4	2031-5	2031-6
[Redacted Content]										

2031-7	2031-8	2031-9	2031-10	2031-11	2031-12	2032-1	2032-2	2032-3	2032-4	2032-5
[Redacted Content]										

2032-6	2032-7	2032-8	2032-9	2032-10	2032-11	2032-12	2033-1	2033-2	2033-3	2033-4

2033-5	2033-6	2033-7	2033-8	2033-9	2033-10	2033-11	2033-12	2034-1	2034-2	2034-3

2034-4	2034-5	2034-6	2034-7	2034-8	2034-9	2034-10	2034-11	2034-12

State of California
California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
CEC Form 5-5: Bilateral Contracts Table
Do not delete any rows or columns or change headers.
Orange County Power Authority



Yellow fills indicate confidentiality is being requested pursuant to Appendix A.

S-2 line	Contract Name:	Supplier / Seller:	Unit Contingent:	Generating Unit(s) Specified	Supply Resource(s) Delivery Zona/Point	Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products
6a	Total Renewable Contract Supply								
6aa	3702 Powerex Corp. POWEREX PCC1 1 OCPA	Powerex Corp.	Portfolio	Seller's Portfolio	CAISO	4/1/2022	12/31/2023		Available Energy
6ab	3703 Morgan Stanley Capital Group MSCG PCC1 1 OCPA	Morgan Stanley Capital Group	Portfolio	Seller's Portfolio	CAISO	4/1/2022	12/31/2023		Available Energy
6ac	3931 Morgan Stanley Capital Group MSCG PCC2 2 OCPA	Morgan Stanley Capital Group	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2024		Available Energy
6ad	4227 Southern California Edison Company SCE PCC1 LT VAMO 1 OCPA	Southern California Edison Company	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2042		Available Energy
6ae	4226 Southern California Edison Company SCE PCC1 ST VAMO 1 OCPA	Southern California Edison Company	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2024		Available Energy
6af	4883 Energy Development & Construction Corporation ED&CC PCC1 1 OCPA	Energy Development & Construction Corporation	Portfolio	Seller's Portfolio	CAISO	9/16/2022	12/31/2025		Available Energy
6ag	4814 Calpine Energy Services, L.P. CALPINE PCC2 2 OCPA	Calpine Energy Services, L.P.	Portfolio	Seller's Portfolio	CAISO	4/1/2023	12/31/2023		Available Energy
6ah	4832 Portland General Electric Company PGE PCC1 1 OCPA	Portland General Electric Company	Portfolio	Seller's Portfolio	CAISO	4/1/2023	12/31/2023		Available Energy
6ai	4270 Shell Energy North America SENA PCC1 LT 2 OCPA	Shell Energy North America	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2025		Available Energy
6aj	4885 TGP Energy Management, LLC TGP/EM PCC1 1 OCPA	TGP Energy Management, LLC	Portfolio	Seller's Portfolio	CAISO	4/1/2023	12/31/2023		Available Energy
6ak	4886 Grace Orchard Energy Center Grace Orchard PCC1 1 LT OCPA	Grace Orchard Energy Center	Portfolio	Seller's Portfolio	CAISO	6/1/2027	5/31/2047		Available Energy and RA
6al	4889 Grace Orchard Energy Center Grace Orchard PCC2 2 OCPA	Grace Orchard Energy Center	Portfolio	Seller's Portfolio	CAISO	1/1/2024	12/31/2025		Available Energy and RA
6am	5061 City of Santa Clara SVP PCC1 1 OCPA	City of Santa Clara	Portfolio	Seller's Portfolio	CAISO	8/24/2023	12/31/2023		Available Energy
6an	5107 Constellation Energy Generation, LLC CONSTEL PCC1 1 OCPA	Constellation Energy Generation, LLC	Portfolio	Seller's Portfolio	CAISO	9/13/2023	12/31/2023		Available Energy
6ao	4273 Shell Energy North America SENA PCC1 LT 3 OCPA	Shell Energy North America	Portfolio	Seller's Portfolio	CAISO	1/1/2026	12/31/2034		Available Energy
6ap	4292 Shell Energy North America SENA PCC1 4 OCPA	Shell Energy North America	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2024		Available Energy
6aq	4887 Grace Orchard Energy Center Grace Orchard PCC1 1 BESS OCPA	Grace Orchard Energy Center	Portfolio	Seller's Portfolio	CAISO	6/1/2027	5/31/2047		Available Energy and RA
6ar	5193 Morgan Stanley Capital Group MSCG PCC1 3 OCPA	Morgan Stanley Capital Group	Portfolio	Seller's Portfolio	CAISO	1/1/2024	12/31/2024		Available Energy
6as	Other Bilateral Contract -5265 Morgan Stanley Capital Group MSCG PCC1 4 OCPA	Morgan Stanley Capital Group	Portfolio	Seller's Portfolio	CAISO	1/1/2024	12/31/2024		Available Energy
6at	Other Bilateral Contract -5371 Townsite Solar, LLC TOWNSITE PCC1 1 OCPA	Townsite Solar, LLC	Portfolio	Seller's Portfolio	CAISO	1/1/2024	12/31/2024		Available Energy
6au	Other Bilateral Contract -5474 Calpine Energy Services, L.P. CALPINE PCC1 3 OCPA	Calpine Energy Services, L.P.	Portfolio	Seller's Portfolio	CAISO	2/1/2024	12/31/2024		Available Energy
6av	Other Bilateral Contract -5588 San Diego Gas & Electric Company SDG&E PCC1 LT VAMO 1 OCPA	San Diego Gas & Electric Company	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2023		Available Energy
6aw	Other Bilateral Contract -5590 San Diego Gas & Electric Company SDG&E PCC1 ST VAMO 2 OCPA	San Diego Gas & Electric Company	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2023		Available Energy
6ax	Other Bilateral Contract -5645 BP Energy Company BP/EG PCC1 1 OCPA	BP Energy Company	Portfolio	Seller's Portfolio	CAISO	1/1/2025	12/31/2025		Available Energy
6ay	Other Bilateral Contract -5532 Powerex Corp. POWEREX PCC2 2 OCPA	Powerex Corp.	Portfolio	Seller's Portfolio	CAISO	5/1/2024	12/31/2024		Available Energy
6az	Other Bilateral Contract -5646 BP Energy Company BP/EG PCC2 2 OCPA	BP Energy Company	Portfolio	Seller's Portfolio	CAISO	1/1/2025	12/31/2025		Available Energy
6ba	Other Bilateral Contract -5647 Peninsula Clean Energy Authority PCE PCC1 1 OCPA	Peninsula Clean Energy Authority	Portfolio	Seller's Portfolio	CAISO	8/1/2024	12/31/2025		Available Energy
6bb	Other Bilateral Contract -5213 City of Lancaster LCE PCC1 1 OCPA	City of Lancaster	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2023		Available Energy
6bc	Other Bilateral Contract -5668 Clean Power Alliance CPA PCC1 1 OCPA	Clean Power Alliance	Portfolio	Seller's Portfolio	CAISO	9/1/2024	12/31/2024		Available Energy
6bd	5733 Pacific Gas & Electric Company PG&E PCC1 5 OCPA	Pacific Gas & Electric Company	Portfolio	Seller's Portfolio	CAISO	1/1/2025	12/31/2025		Available Energy
6be	5868 Shell Energy North America SENA PCC1 LT 5 OCPA	Shell Energy North America	Portfolio	Seller's Portfolio	CAISO	1/1/2027	12/31/2040		Available Energy
6bf	5949 The Energy Authority TEA PCC1 1 OCPA	The Energy Authority	Portfolio	Seller's Portfolio	CAISO	3/1/2025	12/31/2025		Available Energy
6bg	5968 Central Coast Community Energy CCE PCC1 1 OCPA	Central Coast Community Energy	Portfolio	Seller's Portfolio	CAISO	4/1/2025	12/31/2025		Available Energy
6bh	6075 Central Coast Community Energy CCE PCC2 2 OCPA	Central Coast Community Energy	Portfolio	Seller's Portfolio	CAISO	6/1/2025	12/31/2025		Available Energy
6bi	6114 Peninsula Clean Energy Authority PCE PCC1 2 OCPA	Peninsula Clean Energy Authority	Portfolio	Seller's Portfolio	CAISO	1/1/2026	12/31/2026		Available Energy
6bj	3930 Powerex Corp. Powerex PCC2 1 OCPA	Powerex Corp.	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2024		Available Energy
6bk	4338 3PR Trading, Inc. 3PR PCC2 1 OCPA	3PR Trading, Inc.	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2024		Available Energy
6bl	5735 Mercuria Energy America LLC Mercuria PCC2 1 OCPA	Mercuria Energy America LLC	Portfolio	Seller's Portfolio	CAISO	1/1/2025	12/31/2027		Available Energy
6bm	4224 Southern California Edison Company SCE PCC0 LT VAMO 1 OCPA	Southern California Edison Company	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2040		Available Energy
6bn	4225 Southern California Edison Company SCE PCC0 ST VAMO 1 OCPA	Southern California Edison Company	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2024		Available Energy
6bo	5587 San Diego Gas & Electric Company SDG&E PCC0 LT VAMO 1 OCPA	San Diego Gas & Electric Company	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2023		Available Energy
6bp	5589 San Diego Gas & Electric Company SDG&E PCC0 ST VAMO 2 OCPA	San Diego Gas & Electric Company	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2023		Available Energy
6bq	5591 San Diego Gas & Electric Company SDG&E PCC0 LT VAMO 3 OCPA	San Diego Gas & Electric Company	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2023		Available Energy
6br	5592 San Diego Gas & Electric Company SDG&E PCC0 ST VAMO 4 OCPA	San Diego Gas & Electric Company	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2023		Available Energy
6bs	Other Bilateral Contract -4799 The Energy Authority TEA PCC3 1 LT OCPA	The Energy Authority	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2023		Available Energy
6bt	Other Bilateral Contract -5656 3Degrees Group, Inc. 3Degrees PCC3 1 OCPA	3Degrees Group, Inc.	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2023		Available Energy
6bu	Other Bilateral Contract -6074 3Degrees Group, Inc. 3Degrees PCC3 2 OCPA	3Degrees Group, Inc.	Portfolio	Seller's Portfolio	CAISO	1/1/2024	12/31/2024		Available Energy
7a	Total Other Bilateral Contract Supply								
7aa	Other Bilateral Contract -3597 Shell Energy North America SENA Shaped 2 OCPA	Shell Energy North America	Portfolio	Seller's Portfolio	CAISO	4/1/2022	12/31/2024		Available Energy
7ab	Other Bilateral Contract -3599 Constellation Energy Generation, LLC EXELON Shaped 2 OCPA	Constellation Energy Generation, LLC	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2025		Available Energy
7ac	Other Bilateral Contract -3719 Constellation Energy Generation, LLC Exelon Shaped 3 OCPA	Constellation Energy Generation, LLC	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2024		Available Energy
7ad	Other Bilateral Contract -3721 Shell Energy North America SENA Shaped 3 OCPA	Shell Energy North America	Portfolio	Seller's Portfolio	CAISO	4/1/2022	12/31/2024		Available Energy
7ae	Other Bilateral Contract -3521 Constellation Energy Generation, LLC EXELON Shaped 1 OCPA	Constellation Energy Generation, LLC	Portfolio	Seller's Portfolio	CAISO	1/1/2024	12/31/2025		Available Energy
7af	Other Bilateral Contract -3522 Morgan Stanley Capital Group MSCG Shaped 1 OCPA	Morgan Stanley Capital Group	Portfolio	Seller's Portfolio	CAISO	4/1/2022	12/31/2023		Available Energy
7ag	Other Bilateral Contract -3520 Shell Energy North America SENA Shaped 1 OCPA	Shell Energy North America	Portfolio	Seller's Portfolio	CAISO	4/1/2022	12/31/2024		Available Energy
7ah	Other Bilateral Contract -3718 Transalta Energy Marketing (U.S.) TRANSALTA Shaped 3 OCPA	Transalta Energy Marketing (U.S.)	Portfolio	Seller's Portfolio	CAISO	1/1/2023	12/31/2023		Available Energy
7ai	Other Bilateral Contract -5118 NRG Business Marketing NRG Shaped 1 OCPA	NRG Business Marketing	Portfolio	Seller's Portfolio	CAISO	7/1/2024	12/31/2024		Available Energy
7aj	Other Bilateral Contract -5119 Constellation Energy Generation, LLC CONSTEL Shaped 1 OCPA	Constellation Energy Generation, LLC	Portfolio	Seller's Portfolio	CAISO	1/1/2025	12/31/2026		Available Energy
7ak	Other Bilateral Contract -5434 Transalta Energy Marketing (U.S.) TRANSALTA Shaped 4 OCPA	Transalta Energy Marketing (U.S.)	Portfolio	Seller's Portfolio	CAISO	1/1/2025	12/31/2025		Available Energy
7al	Other Bilateral Contract -5435 Transalta Energy Marketing (U.S.) TRANSALTA Shaped 5 OCPA	Transalta Energy Marketing (U.S.)	Portfolio	Seller's Portfolio	CAISO	1/1/2026	12/31/2026		Available Energy
7am	Other Bilateral Contract -5473 NRG Business Marketing NRG Shaped 2 OCPA	NRG Business Marketing	Portfolio	Seller's Portfolio	CAISO	1/1/2025	12/31/2026		Available Energy
7an	Other Bilateral Contract -5583 Morgan Stanley Capital Group MSCG Shaped 3 OCPA	Morgan Stanley Capital Group	Portfolio	Seller's Portfolio	CAISO	7/1/2026	12/31/2027		Available Energy
7ao	Other Bilateral Contract -5582 Constellation Energy Generation, LLC CONSTEL Shaped 2 OCPA	Constellation Energy Generation, LLC	Portfolio	Seller's Portfolio	CAISO	1/1/2026	12/31/2026		Available Energy
7ap	Other Bilateral Contract -5714 Constellation Energy Generation, LLC CONSTEL Shaped 4 OCPA	Constellation Energy Generation, LLC	Portfolio	Seller's Portfolio	CAISO	10/1/2024	12/31/2027		Available Energy
7aq	Other Bilateral Contract -5715 Morgan Stanley Capital Group MSCG Shaped 4 OCPA	Morgan Stanley Capital Group	Portfolio	Seller's Portfolio	CAISO	1/1/2025	12/31/2026		Available Energy
7ar	Other Bilateral Contract -5870 Shell Energy North America SENA Shaped 4 OCPA	Shell Energy North America	Portfolio	Seller's Portfolio	CAISO	1/1/2027	12/31/2040		Available Energy
7as	Other Bilateral Contract -5950 Transalta Energy Marketing (U.S.) TRANSALTA Shaped 5 OCPA	Transalta Energy Marketing (U.S.)	Portfolio	Seller's Portfolio	CAISO	7/1/2025	6/30/2026		Available Energy
7at	Other Bilateral Contract -6088 Morgan Stanley Capital Group MSCG Shaped 5 OCPA	Morgan Stanley Capital Group	Portfolio	Seller's Portfolio	CAISO	7/1/2025	12/31/2026		Available Energy
7au	Other Bilateral Contract -6203 Lock Energy Center, LLC LOCKENERGY BESS 1 LT OCPA	Lock Energy Center, LLC	Unit Contingent		CAISO	6/1/2028	5/31/2048		Available Energy and RA
7av	Other Bilateral Contract -3619 Calpine Energy Services, L.P. CALPINE RA 5 NS OCPA	Calpine Energy Services, L.P.	Unit Contingent	SUTTER 2 CISO	CAISO	7/1/2022	12/31/2030		Available Energy and RA
7aw	Other Bilateral Contract -3619 Calpine Energy Services, L.P. CALPINE RA 5 NS OCPA	Calpine Energy Services, L.P.	Unit Contingent		CAISO	7/1/2022	12/31/2030		Available Energy and RA
7ax	Other Bilateral Contract -3619 Calpine Energy Services, L.P. CALPINE RA 5 NS OCPA	Calpine Energy Services, L.P.	Unit Contingent	LEBECs 2 UNITS	CAISO	7/1/2022	12/31/2030		Available Energy and RA
7ay	Other Bilateral Contract -3618 Calpine Energy Services, L.P. CALPINE RA 4 NSF OCPA	Calpine Energy Services, L.P.	Unit Contingent	LEBECs 2 UNITS	CAISO	1/1/2023	12/31/2030		Available Energy and RA
7az	Other Bilateral Contract -3618 Calpine Energy Services, L.P. CALPINE RA 4 NSF OCPA	Calpine Energy Services, L.P.	Unit Contingent	WOLFSK 1 UNITA1	CAISO	1/1/2023	12/31/2030		Available Energy and RA
7ba	Other Bilateral Contract -3955 Sunrise Power Company LLC Sunrise Power RA 1 SSF OCPA	Sunrise Power Company LLC	Unit Contingent	SUNRIS 2 PL1X3	CAISO	1/1/2023	12/31/2027		Available Energy and RA
7bb	Other Bilateral Contract -3956 Sunrise Power Company LLC Sunrise Power RA 1 SS OCPA	Sunrise Power Company LLC	Unit Contingent	SUNRIS 2 PL1X3	CAISO	1/1/2023	12/31/2027		Available Energy and RA
7bc	Other Bilateral Contract -3671 Calpine Energy Services, L.P. CALPINE RA 6 NSF OCPA	Calpine Energy Services, L.P.	Unit Contingent	LECEP 1 UNITS	CAISO	9/1/2023	12/31/2023		Available Energy and RA
7bd	Other Bilateral Contract -3716 Shell Energy North America SENA RA 5 SS OCPA	Shell Energy North America	Unit Contingent		CAISO	1/1/2023	12/31/2026		Available Energy and RA
7be	Other Bilateral Contract -3716 Shell Energy North America SENA RA 5 SS OCPA	Shell Energy North America	Unit Contingent	COLVIL 7 PL1X2	CAISO	1/1/2023	12/31/2026		Available Energy and RA

State of California
 California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
 CEC Form S-5: Bilateral Contracts Table
 Do not delete any rows or columns or change headers.
 Orange County Power Authority



Yellow fills indicate confidentiality is being requested pursuant to Appendix A.

S-2 line	Contract Name:	Supplier / Seller:	Unit Contingent:	Generating Unit(s) Specified	Supply Resource(s) Delivery Zone/Point	Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products
7bf	Other Bilateral Contract -3716 Shell Energy North America SENA RA 5 SS OCPA	Shell Energy North America	Unit Contingent	COLGAT 7 UNIT 1	CAISO	1/1/2023	12/31/2026		Available Energy and RA
7bq	Other Bilateral Contract -3716 Shell Energy North America SENA RA 5 SS OCPA	Shell Energy North America	Unit Contingent	MOSSLD 2 PSP2	CAISO	1/1/2023	12/31/2026		Available Energy and RA
7bh	Other Bilateral Contract -3717 Shell Energy North America SENA RA 5 SSF OCPA	Shell Energy North America	Unit Contingent		CAISO	1/1/2023	12/31/2026		Available Energy and RA
7bi	Other Bilateral Contract -3717 Shell Energy North America SENA RA 5 SSF OCPA	Shell Energy North America	Unit Contingent	FIFTHS 2 FSSBT	CAISO	1/1/2023	12/31/2026		Available Energy and RA
7bj	Other Bilateral Contract -3717 Shell Energy North America SENA RA 5 SSF OCPA	Shell Energy North America	Unit Contingent	INDIGO 1 UNIT 1	CAISO	1/1/2023	12/31/2026		Available Energy and RA
7bk	Other Bilateral Contract -3717 Shell Energy North America SENA RA 5 SSF OCPA	Shell Energy North America	Unit Contingent	KERNFT 1 UNITS	CAISO	1/1/2023	12/31/2026		Available Energy and RA
7bl	Other Bilateral Contract -3717 Shell Energy North America SENA RA 5 SSF OCPA	Shell Energy North America	Unit Contingent	MOSSLD 2 PSP2	CAISO	1/1/2023	12/31/2026		Available Energy and RA
7bm	Other Bilateral Contract -3745 High Desert Power Project, LLC HIGHDESERT RA 1 SSF OCPA	High Desert Power Project, LLC	Unit Contingent	HIDSRT 2 UNITS	CAISO	1/1/2024	12/31/2027		Available Energy and RA
7bn	Other Bilateral Contract -4168 Marsh Landing LLC Marsh Landing LLC RA 1 NSF OCPA	Marsh Landing LLC	Unit Contingent	COCOPP 2 CTG4	CAISO	5/1/2023	9/30/2026		Available Energy and RA
7bo	Other Bilateral Contract -4582 AES Redondo Beach, LLC AES RB RA 1 SS OCPA	AES Redondo Beach, LLC	Unit Contingent	REDOND 7 UNIT 5	CAISO	1/1/2023	12/31/2023		Available Energy and RA
7bp	Other Bilateral Contract -4271 Shell Energy North America SENA RA 8 L OCPA	Shell Energy North America	Unit Contingent	VENWD 1 WIND3	CAISO	1/1/2026	12/31/2034		Available Energy and RA
7bq	Other Bilateral Contract -4271 Shell Energy North America SENA RA 8 L OCPA	Shell Energy North America	Unit Contingent	ALTWD 2 COAWD1	CAISO	1/1/2026	12/31/2034		Available Energy and RA
7br	Other Bilateral Contract -4272 Shell Energy North America SENA RA 8 SS OCPA	Shell Energy North America	Unit Contingent	ALMASL 2 GS7SR7	CAISO	1/1/2026	12/31/2034		Available Energy and RA
7bs	Other Bilateral Contract -4599 Southern California Edison Company SCE RA 4 SSF OCPA	Southern California Edison Company	Unit Contingent		CAISO	1/1/2023	9/30/2041		Available Energy and RA
7bt	Other Bilateral Contract -4599 Southern California Edison Company SCE RA 4 SSF OCPA	Southern California Edison Company	Unit Contingent	BLKCRK 2 GMCBT1	CAISO	1/1/2023	9/30/2041		Available Energy and RA
7bu	Other Bilateral Contract -5005 Marin Clean Energy MCE RA 14 SS OCPA	Marin Clean Energy	Unit Contingent	SUNRIS 2 PL1X3	CAISO	9/1/2023	9/30/2023		Available Energy and RA
7bv	Other Bilateral Contract -5014 3Phases Renewables, Inc. 3Phases RA 1 SS OCPA	3Phases Renewables, Inc.	Unit Contingent	TPES PWEST 1 F TPES01	CAISO	9/1/2023	9/30/2023		Available Energy and RA
7bw	Other Bilateral Contract -5516 Southern California Edison Company SCE RA 6 SSF OCPA	Southern California Edison Company	Unit Contingent		CAISO	1/1/2025	9/30/2041		Available Energy and RA
7bx	Other Bilateral Contract -5516 Southern California Edison Company SCE RA 6 SSF OCPA	Southern California Edison Company	Unit Contingent	CRIMSN 2 CRMBT1	CAISO	1/1/2025	9/30/2041		Available Energy and RA
7by	Other Bilateral Contract -5634 Dyrnegy Marketing and Trade, LLC DYNEGY RA 1 NS OCPA	Dyrnegy Marketing and Trade, LLC	Unit Contingent	MOSSLD 2 PSP1	CAISO	1/1/2027	12/31/2027		Available Energy and RA
7bz	Other Bilateral Contract -4933 San Diego Gas & Electric Company SDG&E RA 5 SS OCPA	San Diego Gas & Electric Company	Unit Contingent	MRCNT 2 PL1X3	CAISO	8/1/2023	9/30/2023		Available Energy and RA
7ca	Other Bilateral Contract -5967 Watson Cogeneration Company LLC Watson RA 1 SS OCPA	Watson Cogeneration Company LLC	Unit Contingent	ARCOGN 2 UNITS	CAISO	1/1/2027	12/31/2027		Available Energy and RA
7cb	Other Bilateral Contract -6046 Pioneer Community Energy PIONEER RA 11 SS OCPA	Pioneer Community Energy	Unit Contingent	SANBRN 2 ES2SB3	CAISO	9/1/2025	9/30/2025		Available Energy and RA
7cc	Other Bilateral Contract -6048 Pioneer Community Energy PIONEER RA 13 NS OCPA	Pioneer Community Energy	Unit Contingent	SANDRN 2 SS2SR2	CAISO	9/1/2025	9/30/2025		Available Energy and RA
7cd	Other Bilateral Contract -6134 Marin Clean Energy MCE RA 18 NS OCPA	Marin Clean Energy	Unit Contingent	LTBEAR 1 LB3SR3	CAISO	9/1/2025	9/30/2025		Available Energy and RA
7ce	Other Bilateral Contract -6134 Marin Clean Energy MCE RA 18 NS OCPA	Marin Clean Energy	Unit Contingent	LTBEAR 1 LB4SR4	CAISO	9/1/2025	9/30/2025		Available Energy and RA
7cf	Other Bilateral Contract -6244 Marin Clean Energy MCE RA 21 NS OCPA	Marin Clean Energy	Unit Contingent	LTBEAR 1 LB3SR3	CAISO	6/1/2026	9/30/2026		Available Energy and RA
7cg	Other Bilateral Contract -6244 Marin Clean Energy MCE RA 21 NS OCPA	Marin Clean Energy	Unit Contingent	LTBEAR 1 LB4SR4	CAISO	6/1/2026	9/30/2026		Available Energy and RA
7ch	Other Bilateral Contract -6244 Marin Clean Energy MCE RA 21 NS OCPA	Marin Clean Energy	Unit Contingent	LTBEAR 1 LB4SR5	CAISO	6/1/2026	9/30/2026		Available Energy and RA
7ci	Other Bilateral Contract -6244 Marin Clean Energy MCE RA 21 NS OCPA	Marin Clean Energy	Unit Contingent	GOOSLK 1 SOLAR1	CAISO	6/1/2026	9/30/2026		Available Energy and RA
7cj	Other Bilateral Contract -6244 Marin Clean Energy MCE RA 21 NS OCPA	Marin Clean Energy	Unit Contingent	CORCAN 1 SOLAR2	CAISO	6/1/2026	9/30/2026		Available Energy and RA
7ck	Other Bilateral Contract -5157 Clean Energy Alliance CEA RA 8 NSF OCPA	Clean Energy Alliance	Unit Contingent	SUNRIS 2 PL1X3	CAISO	1/1/2025	12/31/2025		Available Energy and RA
7cl	Other Bilateral Contract -5533 3PR Trading, Inc. 3PR RA 1 NS OCPA	3PR Trading, Inc.	Unit Contingent	SUNRIS 2 PL1X3	CAISO	9/1/2024	9/30/2024		Available Energy and RA
7cm	Other Bilateral Contract -6043 Pioneer Community Energy PIONEER RA 8 NS OCPA	Pioneer Community Energy	Unit Contingent	SUNRIS 2 PL1X3	CAISO	9/1/2025	9/30/2025		Available Energy and RA
7cn	Other Bilateral Contract -6076 Southern California Edison Company SCE RA 7 NS OCPA	Southern California Edison Company	Unit Contingent	SUNRIS 2 PL1X3	CAISO	9/1/2025	9/30/2025		Available Energy and RA
7co	Other Bilateral Contract -6135 Marin Clean Energy MCE RA 19 SSF OCPA	Marin Clean Energy	Unit Contingent	HIDSRT 2 UNITS	CAISO	9/1/2025	9/30/2025		Available Energy and RA
7cp	Other Bilateral Contract -6165 California Choice Energy Authority CCEA RA 10 SSF OCPA	California Choice Energy Authority	Unit Contingent	HIDSRT 2 UNITS	CAISO	9/1/2025	9/30/2025		Available Energy and RA
7cq	Other Bilateral Contract -6235 California Choice Energy Authority CCEA RA 11 NSF OCPA	California Choice Energy Authority	Unit Contingent	SUNRIS 2 PL1X3	CAISO	7/1/2026	9/30/2026		Available Energy and RA
7cr	Other Bilateral Contract -6242 Marin Clean Energy MCE RA 20 NS OCPA	Marin Clean Energy	Unit Contingent	SUNRIS 2 PL1X3	CAISO	6/1/2026	9/30/2026		Available Energy and RA