DOCKETED	
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Project Title:	Electricity Resource Plans
TN #:	260125
Document Title:	PWRPA 2024 IEPR Reporting PDF
Description:	N/A
Filer:	Tracy Silva
Organization:	Power and Water Resources Pooling Authority
Submitter Role:	Applicant
Submission Date:	11/18/2024 10:23:40 AM
Docketed Date:	11/18/2024

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



Name of Load Serving Entity ("LSE")	Power and Resources Pooling Authority (PWRPA)
Name of Resource Planning Coordinator	Cori Bradley

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:	Cori Bradley	Cori Bradley	Cori Bradley	Cori Bradley	Cori Bradley	Cori Bradley
Title:	Operations Manager	Operations Manager	Operations Manager	Operations Manager	Operations Manager	Operations Manager
E-mail:	cb@pwrpa.org	cb@pwrpa.org	cb@pwrpa.org	cb@pwrpa.org	cb@pwrpa.org	cb@pwrpa.orq
Telephone:	916-405-8923	916-405-8923	916-405-8923	916-405-8923	916-405-8923	916-405-8923
Address:	3100 Zinfandel Drive	3100 Zinfandel Drive	3100 Zinfandel Drive	3100 Zinfandel Drive	3100 Zinfandel Drive	3100 Zinfandel Drive
Address 2:	Ste. 300	Ste. 300	Ste. 300	Ste. 300	Ste. 300	Ste. 300
City:	Rancho Cordova	Rancho Cordova	Rancho Cordova	Rancho Cordova	Rancho Cordova	Rancho Cordova
State:	CA	CA	CA	CA	CA	CA
Zip:	95670	95670	95670	95670	95670	95670
Date Completed:	11/12/2024	11/12/2024	11/12/2024	11/12/2024	11/12/2024	11/12/2024
Date Updated by LSE:						
Back-up / Additional Contact Persons for Questions about						_
these Forms (Optional):						
Name:	Tracy Silva	Tracy Silva	Tracy Silva	Tracy Silva	Tracy Silva	Tracy Silva
Title:	Staff Analyst	Staff Analyst	Staff Analyst	Staff Analyst	Staff Analyst	Staff Analyst
E-mail:	tas@pwrpa.org	tas@pwrpa.org	tas@pwrpa.org	tas@pwrpa.org	tas@pwrpa.org	tas@pwrpa.org
Telephone:	916-529-0414	916-529-0415	916-529-0416	916-529-0417	916-529-0418	916-529-0419
Address:	3100 Zinfandel Drive	3100 Zinfandel Drive	3100 Zinfandel Drive	3100 Zinfandel Drive	3100 Zinfandel Drive	3100 Zinfandel Drive
Address 2:	Ste. 300	Ste. 300	Ste. 300	Ste. 300	Ste. 300	Ste. 300
City:	Rancho Cordova	Rancho Cordova	Rancho Cordova	Rancho Cordova	Rancho Cordova	Rancho Cordova
State:	CA	CA	CA	CA	CA	CA
Zip:	95670	95670	95670	95670	95670	95670

State of California California Energy Commission ELECTRICITY RESOURCE PLANNING FORMS CEC S-1 Capacity/Energy Requirement Form



Power and Resources Pooling Authority (PWRPA)

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

			Bold font ce	iis sum au	itomaticai	y.	Data Input	by User ar	e in dark gr	een font.			
line	Capacity Procurment Requirement (MW)	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	PEAK LOAD CALCULATIONS	(Actual Load)	(Actual Load)	(Forecast L	oad ->)								
1	Forecast Total Peak-Hour 1-in-2 Demand	105	70	82	85	79	82	82	81	82	82	82	82
2a	ESP Demand: Existing Customer Contracts	105	70	82	85	79	82	82	81	82	82	82	8
2b	ESP Demand: New and Renewed Contracts												
2c	ESP Demand in PG&E service area	105	70	82	85	79	82	82	81	82	82	82	82
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 (-)	(8.00)	0	0	0	0	0	0	0	0	0	0	(
5	Adjusted Demand: End-Use Customers	97	70	82	85	79	82	82	81	82	82	82	8
6	Coincidence Adjustment (-)	(7)	(10)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9
7	Coincident Peak-Hour Demand	89	60	73	76	70	73	73	72	73	72	72	7
8	Required Planning Reserve Margin	15	10	12	13	12	12	12	12	12	12	12	12
9	Credit for Imports That Carry Reserves (-)	(3)	(8)	(9)	(11)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9
10	Firm Sales Obligations	, , ,	, ,		, ,	\ - /	, ,	V-7		X-1	V-7		
11	Firm LSE Procurement Requirement	101	62	76	78	73	77	77	75	76	76	76	7
line	Energy Procurement Requirement (GWh)												
	ENERGY DEMAND CALCULATIONS		(Actual Load)										
	Forecast Total Energy Demand / Consumption	497	299	308	331	359	294	323	327	326	318	323	323
	ESP Demand: Existing Customer Contracts	497	299	308	331	359	294	323	327	326	318	323	323
	ESP Demand: New and Renewed Contracts												
13c	ESP Demand in PG&E service area												
	ESP Demand in SCE service area												
13e	ESP Demand in SDG&E service area												
14	Additional Achievable Energy Efficiency (-)		_										ļ
	Demand Response / Interruptible Programs (-)	(0.3)	0	0	0	0	0	0	0	0	0	0	(
16	Adjusted Demand: End-Use Customers	497	299	308	331	359	294	323	327	326	318	323	323
	Firm Sales Obligations												
18	Firm LSE Procurement Requirement	497	299	308	331	359	294	323	327	326	318	323	323

		MW	MW
line	Historic LSE Peak Load:	Year 2022	Year 2023
19	Annual Peak Load / Actual Metered Deliveries	105	70
20	Date of Peak Load for Annual Peak Deliveries	5/25/22	7/12/23
21	Hour Ending for Annual Peak Deliveries	13	8
22	Interruptible Load called on during that hour (+)		
23	Self-Generation and DG Adjustments		
24	Adjustments for Major Outages		
25	Adjusted Annual Peak Load	104.5	70.0

Lines	Notes
9	5% Wapa contract
X	



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

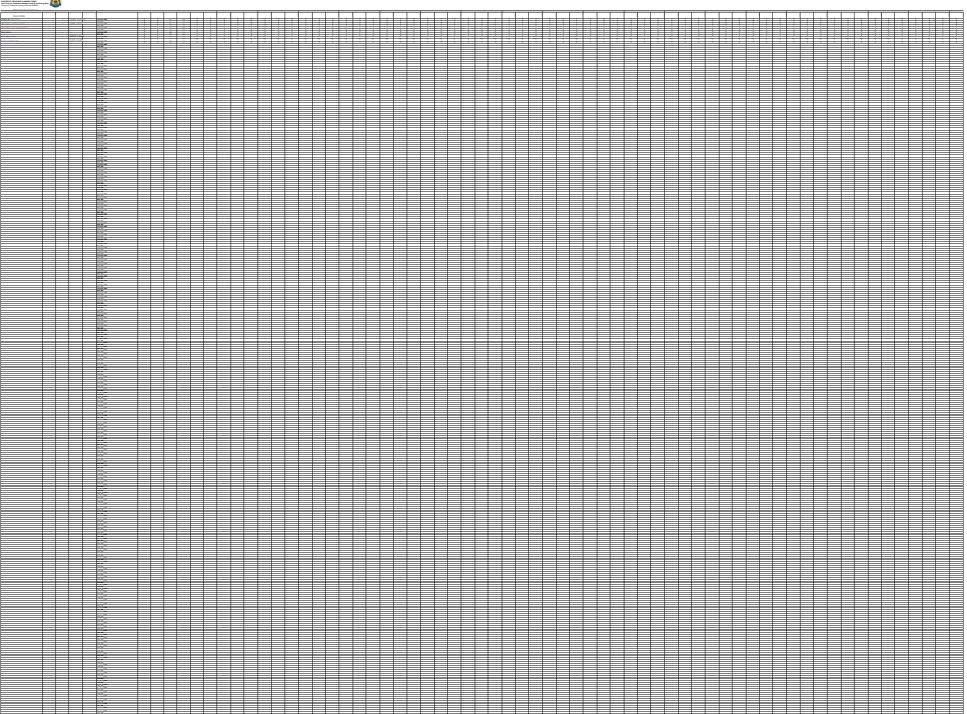
, , , , , , , , , , , , , , , , , , ,														Bold font cells s					by User are	in dark an	oon font			
														Boid forit cells s	uiii autoilla	itically.		Data Iriput	by Oser are	ili uaik git	een ion.			
CAPACITY SUPPLY RESOURCES (MW)	Plant/Unit Identifier- CEC ID	Plant/Unit Identifier- EIA ID	Plant/Unit Identifier- CAISO ID	Queue Number	Fuel Type	Nameplate Capacity	ВА	Latitude	Longitude	Storage Duration Hours	Monthly Data	Incremental Capacity Addition	2022 (Actual Capacity)	2023 (Actual Capacity)	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
1a Total Fossil Fuel Supply													0	0	0	0	0	0	0	0	0	0	0	0
1b											Check	Check												
1c											Check	Check												
1d											Check	Check												
2a Total Nuclear Supply													0	0	0	0	0	0	0	0	0	0	0	0
2b											Check	Check												
2c											Check	I I Check												
3a Total Hydroelectric Supply													0	0	0	0	0	0	0	0	0	0	0	0
3b Hydro Supply from Plants 30 MW or more											Check	Check												
3c Hydro Supply from Plants Less than 30 MW											Check	Check												
4a Total Utility-Controlled Renewable Supply													0	0	0	0	0	0	0	0	0	0	0	0
4b HYBRID RESOURCE											Check	Check												
4c Solar											Check	Check												
4d Battery											Check	Check												
5a Total Qualifying Facility (QF) Contract Supply													74	74	74	74	74	74	74	74	74	74	74	74
5b Biofuels											Check	Check												
5c Geothermal					Omaii						Check	Check												
5d Small Hydro: Warm Springs	H0485	54261	GYSRVL 7 WSPI	RNG	I bendereda etale	2	CAISO				✓ Check	Check	0	0	0	0	0	0	0	0	0	0	0	0
5e Solar																								
5f Wind											Check	Check			_					8		8		
5g Natural Gas: Lodi Energy Center	G1009	57978	LODIEC 2 PL1X2	2	Natural Gas		CAISO BANC				I ✓ I Check	Check	8		8 66	8 66				66	8 66	66	8 66	8
5h Other: Wapa Large and Small Hydro	Multiple	Multiple	Multiple		11.3		BANC				I V I Lineox	I Check	66					38	38	38		38	38	66
6a Total Renewable Contract Supply 6b Solar: Astoria	S0537	59977	ASTORA 2		Solar PV -	10	CAISO				√ Check	Check	38 10		38 10	38 10	38 10			38 10	38 10	10	10	38 10
6c Solar: Whitney Point	S0537 S0564	60619	WHITNY 6 SOLA	D	Solar Five	10	CAISO	36.3769	-120.138		√ Check	Check	10		10	10	10	10	10	10	10	10	10	10
6d Solar plus Battery: Slate	50564 64908A	60619	SLATE 2 SLASR		Hybrid	26		36.3769		4	√ Check	Check	28		28	28			28	28	28	28	28	28
6e Solar plus Battery: Slate	049U8A		SLATE 2 SLASK.	1	Hybrid	20	CAISU	3b.22bbbb	-119.871866	4	Check	Check	- 20	20	28	28	28	28	28	28	28	28	28	
7a Total Other Bilateral Contract Supply											T Cate	1 TURK	0		0	0	0	0	0	0	0	0	0	_
7b											Check	Check					U							
7c											Check	Check												-
7d											Check	Check												$\overline{}$
7e											Check	Check												$\overline{}$
7g Running Total of Unbundled RECs (GWh in Energy Table											Check	Check					_				_			
7h											Check	Check	0	0	0	0	0	0	0	0	0	0	0	
Short-Term and Spot Market Purchases (and Sales)																								
CAPACITY/ENERGY BALANCE SUMMARY											Check	Check												-
9 Total: Existing and Planned Supply													112	112	112	112	112	112	112	112	112	112	112	112
10 Firm LSE Procurement Requirement													101		76	78				75		76	76	76
11 Net Surplus (or Need)													11		35	33		35	35	36	35	35	36	36
12 Generic Renewable Supply															"	- 55	33	- 55	- 55	- 55	- 33	- 55		

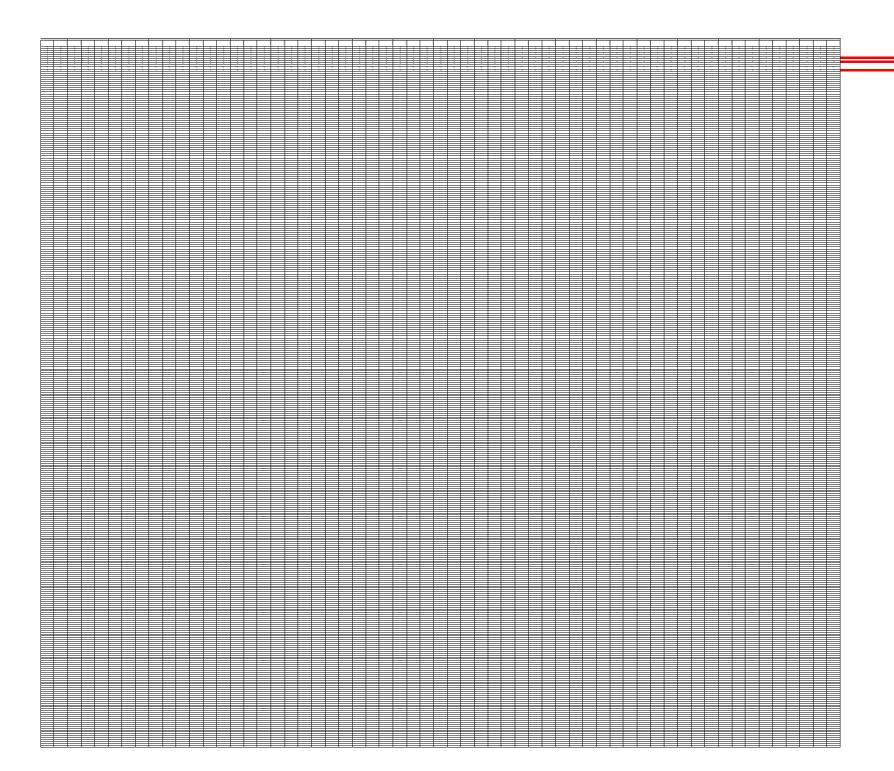
2022 (Actual Supply)	2023 (Actual Supply)	2024	2025	2026	2027	2028	2029	2030	2031	2032	203
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
		U	U		U	0	0	U			
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
83	191	195	240	208	208	208	208	208	208	208	20
0	0	0	0	13	13	13	13	13	13	13	13
22	29	20	20	20	20	20	20	20	20	20	20
61	163	175	220	175	175	175	175	175	175	175	1
124	114	103	103	103	103	103	103	103	103	103	1
31	27	22	22	22	22	22	22	22	22	22	2
30	27	24	24	24	24	24	24	24	24	24	2
63	59	56	56	56	56	56	56	56	56	56	5
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
207	305	298	343	311	311	311	311	311	311	311	3
497	299	308	331	359	294	323	327	326	318	323	3
-290	6	-11	12	-48	16	-12	-16	-15	-7	-13	-

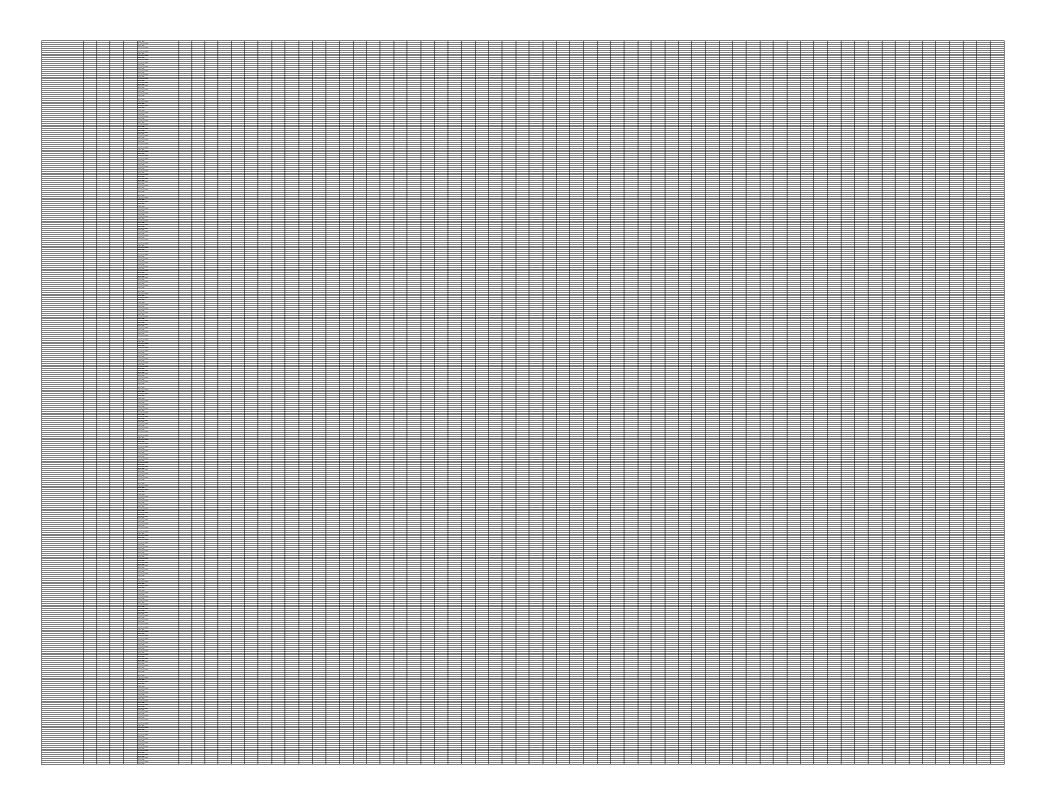
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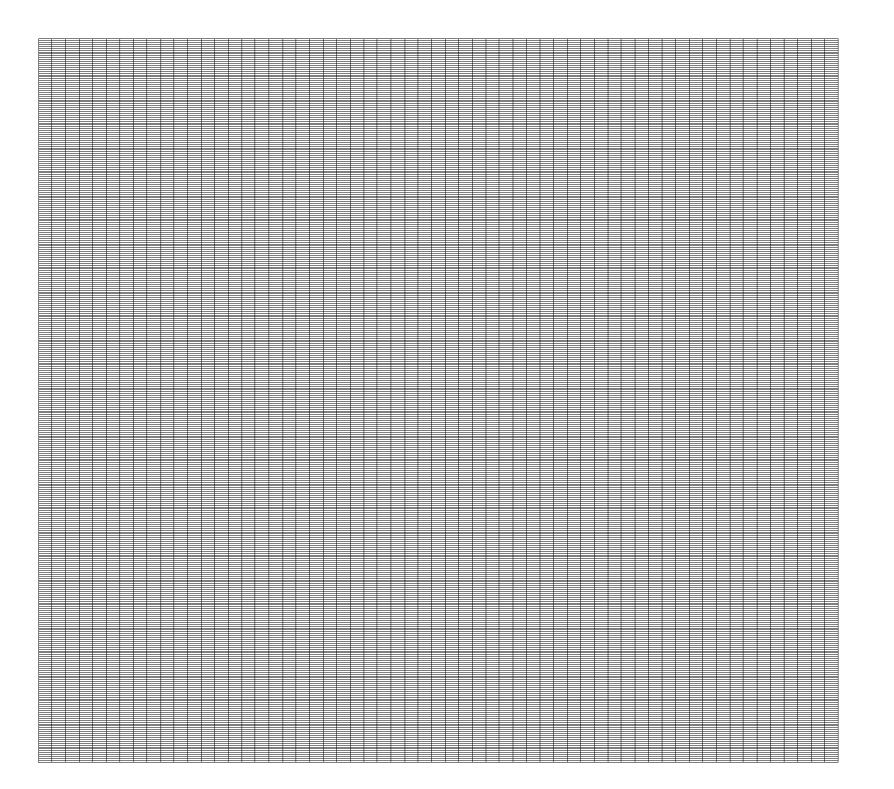
Notes x

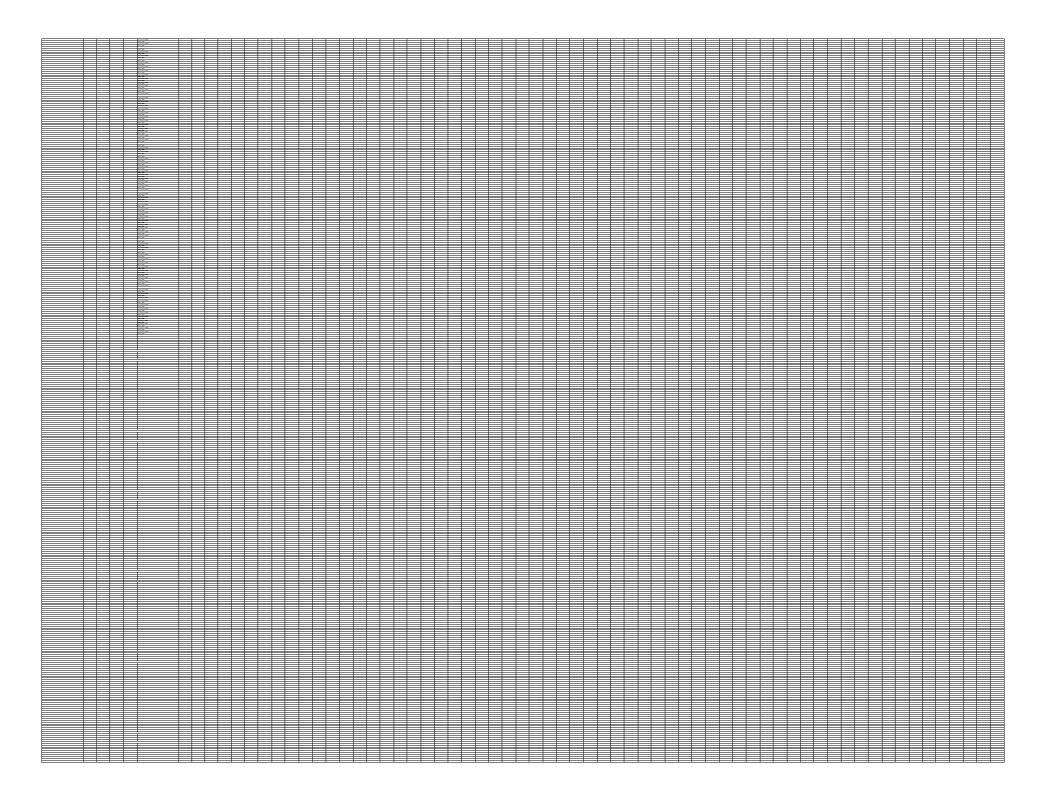


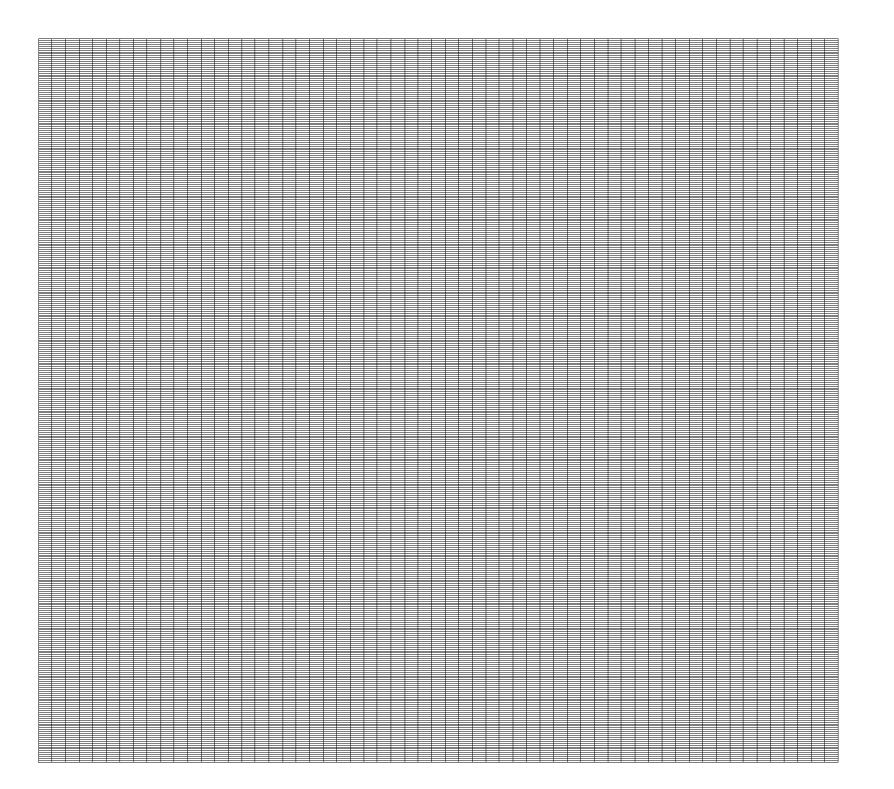












	 	 	 	
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State of California California Energy Commission

ELECTRICITY RESOURCE PLANNING FORMS CEC Form S-3: 2023 SMALL POU HOURLY LOADS



Power and Resources Pooling Authority (PWRPA)

For Publicly Owned LSEs with Annual Peak Loads under 200 MW not submitting demand forms If load is reported for more than one LSE, load for each LSE should be reported in a separate column Report actual hourly demand in calendar year 2023, in megawatts, for each hour of each day.

Begin with the hour that ended at 1 a.m. on January 1, 2023.

Show the load measured at the balancing authority load take-out point (or points).

Add columns for any additional metered take-out points.

The time basis should be Pacific Standard Time (PST) throughout the entire year.

Adjustments for spring and fall daylight saving time have already been included in the form below.

Total MWh	290,313
Maximum	70
Average	33
Minimum	6

Date (PST)	Hour Ending (PST)	Recorded Demand at Take Out (MW)
1/1/2023	1	10
1/1/2023	2	11
1/1/2023	3	10
1/1/2023	4	10
1/1/2023	5	10
1/1/2023	6	10
1/1/2023	7	10
1/1/2023	8	11
1/1/2023	9	12
1/1/2023	10	11
1/1/2023	11	11
1/1/2023	12	11
1/1/2023	13	9
1/1/2023	14	8
1/1/2023	15	8
1/1/2023	16	9
1/1/2023	17	9
1/1/2023	18	9
1/1/2023	19	8
1/1/2023	20	8
1/1/2023	21	9
1/1/2023	22	9
1/1/2023	23	9
1/1/2023	24	9
1/2/2023	1	9
1/2/2023	2	9
1/2/2023	3	9
1/2/2023	4	9
1/2/2023	5	9

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. Power and Resources Pooling Authority (PWRPA)



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

S-2 line	Contract Name:	Supplier / Seller:	Unit Contingent:	Generating Unit(s) Specified
6b	Solar: Astoria	Recurrent Energy	Unit Contingent:	ASTORA_2_SOLAR2
6c	Solar: Whitney Point	NextEra	Unit Contingent	WHITNY_6_SOLAR
6d	Solar plus Battery: Slate	MN8	Unit Contingent	SLATE_2_SLASR5
5g	Natural Gas: Lodi Energy Center	NCPA	Unit Contingent	LODIEC_2_PL1X2
5h	Other: Wapa Large and Small Hydro	WAPA	Unit Contingent	various
5d	Small Hydro: Warm Springs	Sonoma County	Unit Contingent	GYSRVL_7_WSPRNG

Supply Resoucre(s) Delivery Zone/Point	Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products
POD_ASTORA_2_SOLAR2-APND	1/17/2017	1/17/2037	10	PPA
NP15	4/17/2017	4/17/2037	11	PPA
Mustang_6_N001	1/1/2022	12/31/2042	26	PPA
LODIEC_2_PL1X2-APND	11/25/2012	11/25/2032	8	PSA
Import at Tracy	1/1/2005	12/31/2024	percent output	
POD_GYSRVL_7_WSPRNG-APND	TBD	TBD	2.79	PPA