DOCKETED	
Docket Number:	24-IEPR-02
Project Title:	Electricity Resource Plans
TN #:	260161
Document Title:	ESPA 2024 IEPR Reporting PDF
Description:	N/A
Filer:	Tracy Silva
Organization:	Eastside Power Authority
Submitter Role:	Applicant
Submission Date:	11/19/2024 1:58:09 PM
Docketed Date:	11/19/2024

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



Name of Load Serving Entity ("LSE")	Eastside Power Authority
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:	Resource Director	Resource Director	Resource Director	Resource Director	Resource Director	Resource Director
E-mail:	cori@eastsidepa.org	cori@eastsidepa.org	cori@eastsidepa.org	cori@eastsidepa.org	cori@eastsidepa.org	cori@eastsidepa.org
Telephone:	916-405-8923	916-405-8923	916-405-8923	916-405-8923	916-405-8923	916-405-8923
Address:	3100 Zinfandel Drive, Ste. 300	3100 Zinfandel Drive, Ste. 300	3100 Zinfandel Drive, Ste. 300	3100 Zinfandel Drive, Ste. 300	3100 Zinfandel Drive, Ste. 300	3100 Zinfandel Drive, Ste. 300
Address 2:						
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:	11/11/2024	11/11/2024	11/11/2024	11/11/2024	11/11/2024	11/11/2024
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:	tracy@eastsidepa.org	tracy@eastsidepa.org	tracy@eastsidepa.org	tracy@eastsidepa.org	tracy@eastsidepa.org	tracy@eastsidepa.org
Telephone:	916-529-0414	916-529-0414	916-529-0414	916-529-0414	916-529-0414	916-529-0414
Address:	3100 Zinfandel Drive, Ste. 300	3100 Zinfandel Drive, Ste. 300	3100 Zinfandel Drive, Ste. 300	3100 Zinfandel Drive, Ste. 300	3100 Zinfandel Drive, Ste. 300	3100 Zinfandel Drive, Ste. 300
Address 2:						
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



Eastside Power Authority

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

			Bold font ce	ells sum au	utomatical	ly.	Data input	by User are	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	10	12	11	12	11	11	11	11	11	11	11	11
2a	ESP Demand: Existing Customer Contracts	10	12	11	12	11	11	11	11	11	11	11	11
2b	ESP Demand: New and Renewed Contracts												1
2c	ESP Demand in PG&E service area												ı
2d	ESP Demand in SCE service area	10	12	13	13	13	13	13	13	13	13	13	13
	ESP Demand in SDG&E service area												ı
3	Additional Achievable Energy Efficiency (-)												
4	Demand Response / Interruptible Programs (-)	0	0	0	0	0	0	0	0	0	0	0	0
5	Adjusted Demand: End-Use Customers	10	12	11	12	11	11	11	11	11	11	11	11
6	Coincidence Adjustment (-)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
7	Coincident Peak-Hour Demand	9	11	10	10	10	10	10	10	10	10	10	10
8	Required Planning Reserve Margin	1	2	2	2	2	2	2	2	2	2	2	2
9	Credit for Imports That Carry Reserves (-)	(0)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	Firm Sales Obligations												1
11	Firm LSE Procurement Requirement	10	12	10	11	11	11	11	11	11	11	11	11
		•											
line	Energy Procurement Requirement (GWh)												

line Energy Procurement Requirement (GWh)												
ENERGY DEMAND CALCULATIONS	(Actual Load)	(Actual Load)	(Forecast L	.oad ->)								
12 Forecast Total Energy Demand / Consumption	27	31	29	30	29	30	30	30	30	30	30	30
13a ESP Demand: Existing Customer Contracts	27	31	29	30	30	30	30	30	30	30	30	30
13b ESP Demand: New and Renewed Contracts												
13c ESP Demand in PG&E service area												
13d ESP Demand in SCE service area	27	31	29	30	30	30	30	30	30	30	30	30
13e ESP Demand in SDG&E service area												
14 Additional Achievable Energy Efficiency (-)												
15 Demand Response / Interruptible Programs (-)												
16 Adjusted Demand: End-Use Customers	27	31	29	30	29	30	30	30	30	30	30	30
17 Firm Sales Obligations												
18 Firm LSE Procurement Requirement	27	31	29	30	29	30	30	30	30	30	30	30

		MW	MW
line	Historic LSE Peak Load:	Year 2022	Year 2023
19	Annual Peak Load / Actual Metered Deliveries	10.2	12.0
20	Date of Peak Load for Annual Peak Deliveries	8/25/22	7/15/23
21	Hour Ending for Annual Peak Deliveries	12	14
22	Interruptible Load called on during that hour (+)		
23	Self-Generation and DG Adjustments		
24	Adjustments for Major Outages		
25	Adjusted Annual Peak Load	10.2	12.0

Lines	Notes
9	5% Wapa Contract
X	



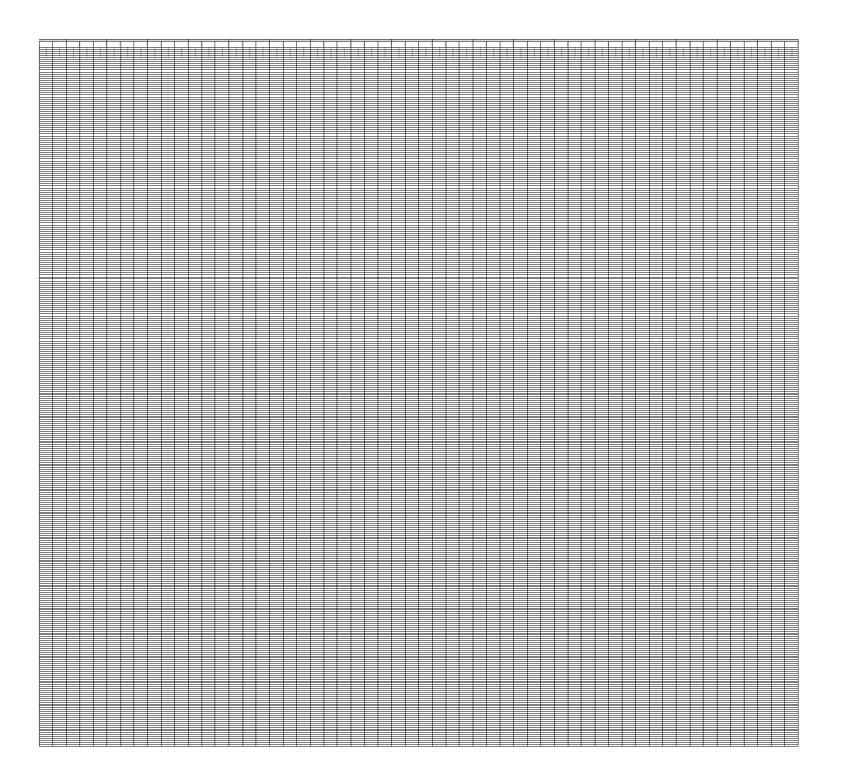
#### Yellow fills indicate confidentiality is being requested pursuant to Appendix A. Bold font cells sum automatically. Data input by User are in dark green ford.

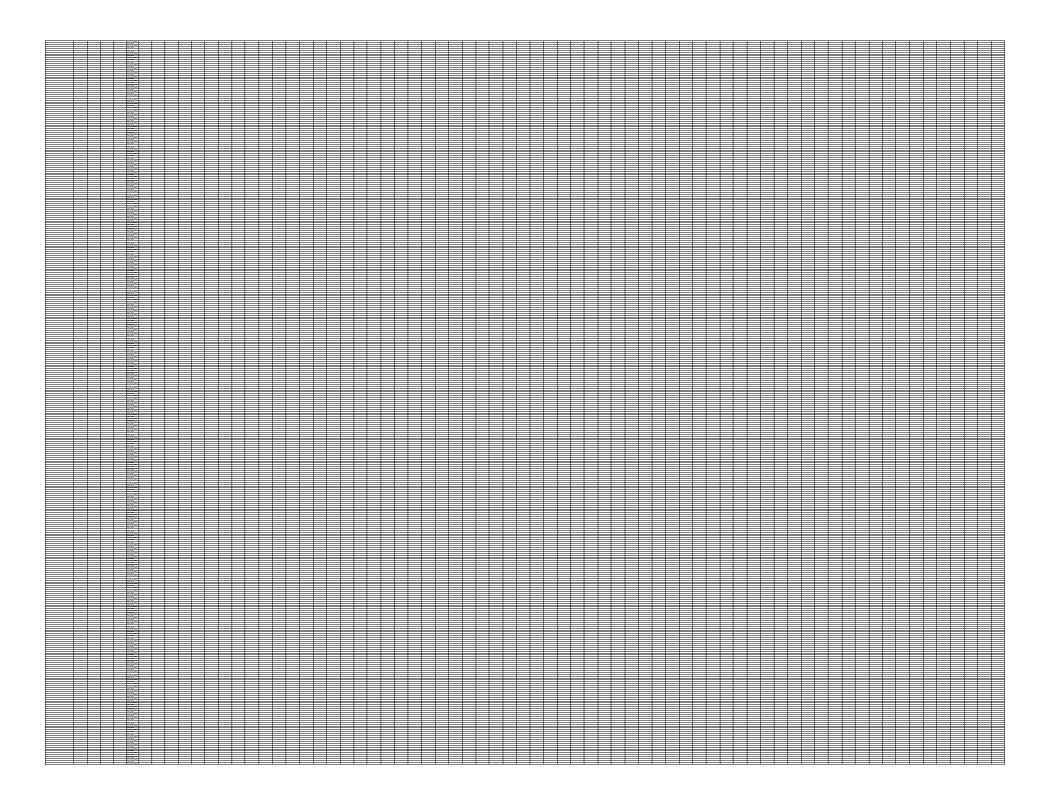
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CAPACITY SUPPLY RESOURCES (MW)	Plant/Unit Identifier- CEC ID	Plant/Unit Identifier- EIA ID	Plant/Unit Identifier- CAISO ID	Queue Number	Fuel Type	Nameplate Capacity	ВА	Latitude	Longitude	Storage Duration Hours	Monthly Data	Incremental Capacity Addition	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
1b											Check	Check									$\neg$			
1e											Check	Check									$\neg$			
1d											Check	Check									$\neg$			
2a Total Nuclear Supply													0	0	0	0	0						0	0
2b											1 Check	1 1 Check									$\neg$			
2c											1 Check	1 1 Check									$\neg$			
3a Total Hydroelectric Supply													0	0	0	0	0						0	0
3b Hydro Supply from Plants 30 MW or more											1 Check	1 1 Check									$\neg$			
3c Hydro Supply from Plants Less than 30 MW											1 Check	1 1 Check										-	-	
49 Total Utility-Controlled Renewable Supply													0		0	0	0							
4b HYBRID RESOURCE											1 Check	1 1 Check									-	-	-	
4c Solar											1 Check	1 1 Check										-	-	
4d Battery											1 Check	1 1 Check										-	-	
5a Total Qualifying Facility (QF) Contract Supply													5	5	5	5	- 5	5	- 5	- 5	- 5	- 5	- 5	- 5
5b Biofuels 5c Geothermal											1 Check	1 1 Check										-	-	
50 Geothermal											1 Check	1 1 Check									$\neg$			
5d Small Hydro											1 Check	1 1 Check									$\neg$			
Se Sylar											1 Check	1 1 Check									$\neg$			
5f Wind											Check	Check									$\neg$			
5g Natural Gas											Check	Check									$\neg$			
Sh Other: WAPA Hydro - large and small	multiple	multiple	multiple	Large	various	BANC					V Check	Check	5	5	- 5	- 5	5	5	- 5	5	5	- 5	5	5
6a Total Renewable Contract Supply													2	2	2	3	3	3	3	3	3	3	3	3
6b Solar: NextEra Whitney Point Solar	S0564	60619	WHITNY 6 SOLA	Solar PV	20	CAISO	36.3769	-120.138			V Check	Check	2	2	2	2	2	2	2	2	2	2	2	2
6c Solar: Planned Clearway				Solar PV		CAISO					V Check	Check	0	0	0	1	1	1	1	1	1	- 1	- 1	1
6d Solar: Planned Whitepine											Check	Check									$\Box$			
6e		•	•								Check	Check									$\neg$			
7a Total Other Bilateral Contract Supply													0		0	0	0							0
7b											1 Check	1 1 Owak												
7c											1 Check	1 10wa					1	$\overline{}$		-	-	-		
7d											1 Check	1 1 Check			1		<del></del>			$\overline{}$	$\overline{}$	-	-	
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7g Running Total of Unbundled RECs (GWh in Energy Table											Conck	1 towa	0	0	0	0	0	0	0	0	0	0	0	0
7h											1 Check	1 1 Check												
8 Short-Term and Soot Market Purchases (and Sales):																					$\neg$			
											1 Check	1 1 Check									$\neg$			
CAPACITY/ENERGY BALANCE SUMMARY																					$\neg$			
9 Total: Existing and Planned Supply													7			8	8	8	8	8	8	8	8	8
10 Firm LSE Procurement Requirement													10	12	10	11	- 11	11	- 11	11	11	11	11	- 11
11 Net Surplus (or Need)													(3)	(5)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
12 Generic Renewable Supply																					$\neg$			
13 Generic Non-Renewable Resources																						-		-

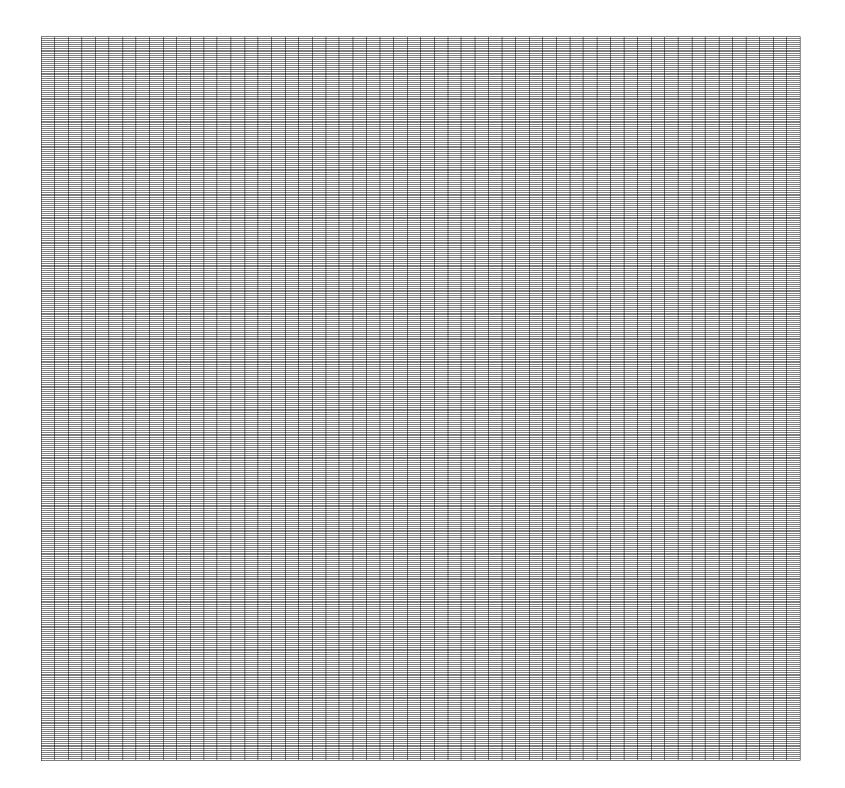
NERGY SUPPL	LY RESOURCES	(GWh)		l							
2022 (Actual Supply)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
0	0	0	0	0	0	0	0	0	0	0	0
				0	0						
			0	0	0						
		0	0	0	0						
5	14	19	13	15	16	15	15	15	15	15	15
	14	19	13	15	16	15	15	15	15	15	15
5	14	19	13	15	16	15	15	15	15	15	15
5	5	4	6	8	8	- 10	- 10	- 10	8	8	8
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			1	2	2	2	2	2	2	2	2
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3	3	3	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
•	,	,		0.5	0.5	0.3	0.3	6.3	0.5	0.3	0.5
11	19	24	19	23	24	23	23	23	23	23	23
27	31	29	30	29	30	30	30	30	30	30	30
(16)	(12)	(5)	(11)	(6)	(8)	(7)	(6)	(6)	(7)	m	m

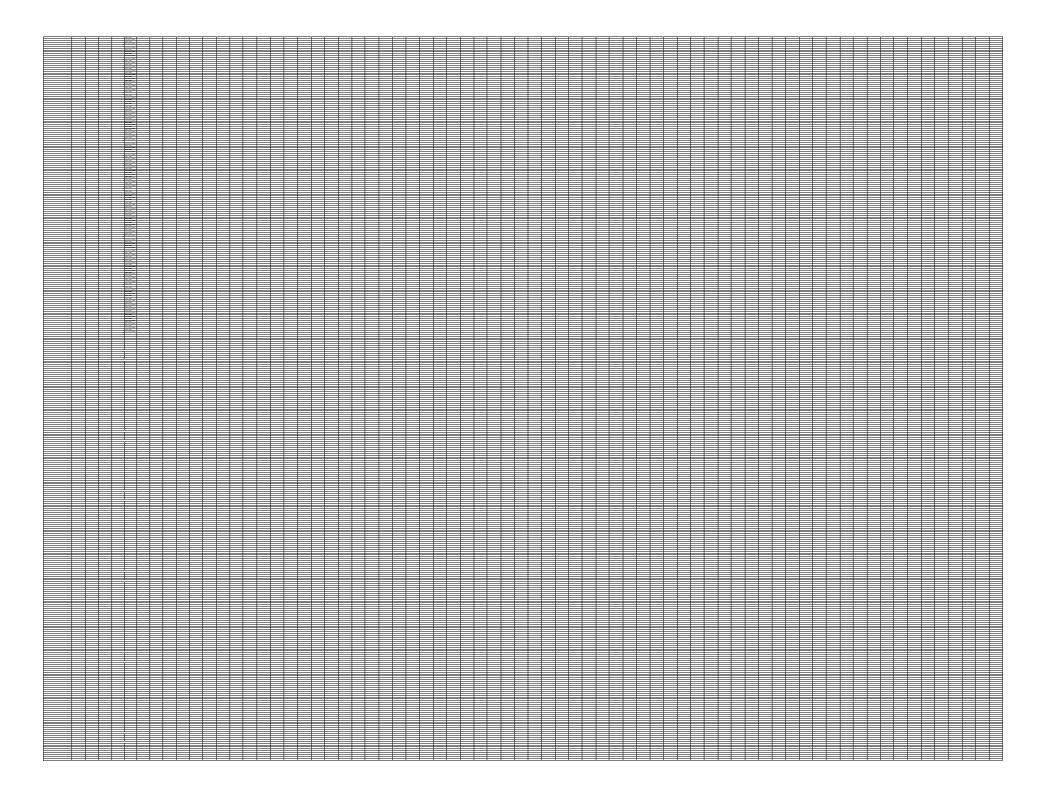


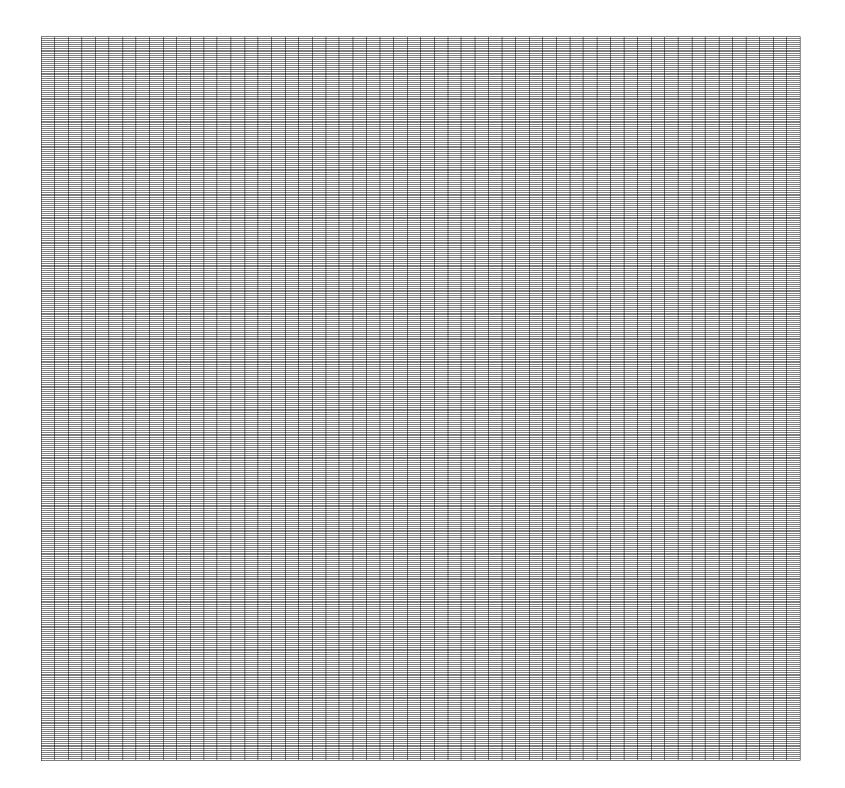
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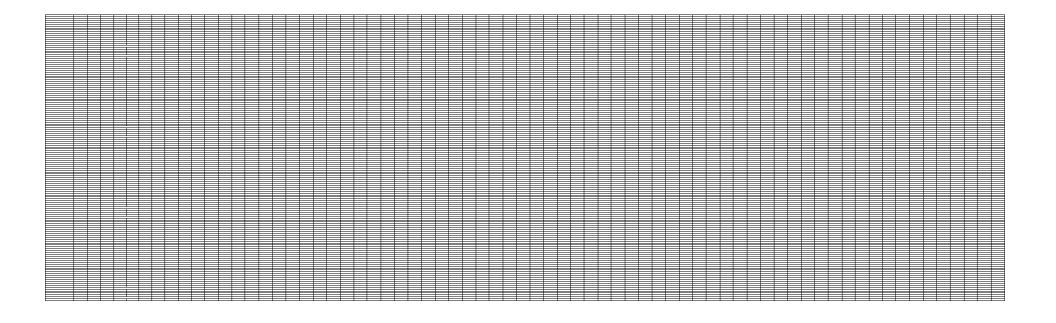












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#### State of California California Energy Commission

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



#### **Eastside Power Authority**

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	30,963
Maximum	12
Average	4
Minimum	0

Date (PST)	Hour Ending (PST)	Recorded Demand at Take Out (MW)
1/1/2023	1	0.15
1/1/2023	2	0.14
1/1/2023	3	0.11
1/1/2023	4	0.11
1/1/2023	5	0.11
1/1/2023	6	0.11
1/1/2023	7	0.14
1/1/2023	8	0.15
1/1/2023	9	0.12
1/1/2023	10	0.12
1/1/2023	11	0.15
1/1/2023	12	0.15
1/1/2023	13	0.12
1/1/2023	14	0.12
1/1/2023	15	0.11
1/1/2023	16	0.23
1/1/2023	17	0.24
1/1/2023	18	0.24
1/1/2023	19	0.41
1/1/2023	20	0.20
1/1/2023	21	0.15
1/1/2023	22	0.13
1/1/2023	23	0.12
1/1/2023	24	0.11
1/2/2023	1	0.12
1/2/2023	2	0.12
1/2/2023	3	0.12
1/2/2023	4	0.12
1/2/2023	5	0.12

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. Eastside Power Authority



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

S-2 line	Contract Name:	Supplier / Seller:	Unit Contingent:
6b	Solar: NextEra Whitney Point Solar	Nextera	Unit Contingent:
6c	Solar: Planned Clearway	TerraGen	Unit Contingent:
5h	Other; WAPA Hydro - large and small	WAPA	Unit Contingent:
6d	Solar: Planned Whitepine		Unit Contingent:
7b	0		
7c	0		
7d	0		
7e	0		

Generating Unit(s) Specified	Supply Resoucre(s) Delivery	Contract Start	Contract Expiration	Capacity (MW) Under	Contract / Agreement
	Zone/Point	Date	Date	Contract:	Products
Whitney Point Solar	TH_NP15	1/1/2017	12/31/2036	2	PPA
New Solar under Negotiation	TH_SP15	5/1/2025	6/30/2040	1	PPA
Various	Import at Tracy	1/1/2005	12/31/2024	percent output	
New Solar under Negotiation	TH_SP15	TBD	TBD	2	PPA