

DOCKETED

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Organization:	Calpine Energy Solutions, LLC
Submitter Role:	Applicant
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State of California
California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
Administrative Information



Name of Load Serving Entity ("LSE")	Calpine Energy Solutions, LLC
Name of Resource Planning Coordinator	N/A

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
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Address 2:	Suite 500	Suite 500			Suite 500	Suite 500
City:	San Diego	San Diego			San Diego	San Diego
State:	CA	CA			CA	CA
Zip:	92101	92101			92101	92101
Date Completed:						
Date Updated by LSE:						
Back-up / Additional Contact Persons for Questions about these Forms (Optional):						
Name:						
Title:						
E-mail:						
Telephone:						
Address:						
Address 2:						
City:						
State:						
Zip:						



Calpine Energy Solutions, LLC

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												
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												
6	Coincidence Adjustment (-)												
7	Coincident Peak-Hour Demand												
8	Required Planning Reserve Margin												
9	Credit for Imports That Carry Reserves (-)												
10	Firm Sales Obligations												
11	Firm LSE Procurement Requirement												

line	Energy Procurement Requirement (GWh)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
	ENERGY DEMAND CALCULATIONS	(Actual Load)	(Actual Load)	(Forecast Load ->)									
12	Forecast Total Energy Demand / Consumption	7,008	7,281										
13a	ESP Demand: Existing Customer Contracts	7,008	7,281										
13b	ESP Demand: New and Renewed Contracts												
13c	ESP Demand in PG&E service area	2,998	3,210										
13d	ESP Demand in SCE service area	3,340	3,343										
13e	ESP Demand in SDG&E service area	670	728										
14	Additional Achievable Energy Efficiency (-)												
15	Demand Response / Interruptible Programs (-)												
16	Adjusted Demand: End-Use Customers	7,008	7,281										
17	Firm Sales Obligations												
18	Firm LSE Procurement Requirement	7,008	7,281										

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

Lines Notes

X	
X	

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

Lines	Notes
1	
2	

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State of California
California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
CEC Form S-3: 2024 SMALL POU HOURLY LOADS



Calpine Energy Solutions, LLC **2024 - LEAP YEAR**

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 2024, in megawatts, for each hour of each day.

Begin with the hour that ended at 1 a.m. on January 1, 2024.

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	0
Maximum	0
Average	#DIV/0!
Minimum	0

Date (PST)	Hour Ending (PST)	Recorded Demand at Take Out (MW)
1/1/2024	1	
1/1/2024	2	
1/1/2024	3	
1/1/2024	4	
1/1/2024	5	
1/1/2024	6	
1/1/2024	7	
1/1/2024	8	
1/1/2024	9	
1/1/2024	10	
1/1/2024	11	
1/1/2024	12	
1/1/2024	13	
1/1/2024	14	
1/1/2024	15	
1/1/2024	16	
1/1/2024	17	
1/1/2024	18	
1/1/2024	19	
1/1/2024	20	
1/1/2024	21	
1/1/2024	22	
1/1/2024	23	
1/1/2024	24	
1/2/2024	1	
1/2/2024	2	
1/2/2024	3	
1/2/2024	4	
1/2/2024	5	

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ELECTRICITY RESOURCE PLANNING FORMS

CEC Form S-5: Bilateral Contracts Table

Do not delete any rows or columns or change headers.

Calpine Energy Solutions, LLC



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S-2 line	Contract Name:	Supplier / Seller:	Unit Contingent:
6b	Under Contract - Please See Calpine Energy Solutions, LLC 2024 RPS Compliance Report filed with the CPUC for contract details		
6c	0		
6d	0		
7b	Various RA Contracts - Please see Calpine Solutions 2022 Integrated Resource Plan (for years 2025 thru 2034)		
7c	CAM and RMR Allocations from CPUC (est. years 2025-2034)		
7d	Central Procurement Entity (est. years 2025-2034)		
7e	0		

