

**DOCKETED**

<b>Docket Number:</b>	21-IEPR-02
<b>Project Title:</b>	Electricity Resource Plans
<b>TN #:</b>	239771
<b>Document Title:</b>	Constellation NewEnergy, Inc Supply Form PUBLIC
<b>Description:</b>	Public Version - Redacted
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<b>Submitter Role:</b>	Applicant Representative
<b>Submission Date:</b>	9/17/2021 2:36:31 PM
<b>Docketed Date:</b>	9/17/2021

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



Name of Load Serving Entity ("LSE")  
 Name of Resource Planning Coordinator

Constellation NewEnergy, Inc.

**Persons who prepared Supply Forms**

Name:  
 Title:  
 E-mail:  
 Telephone:  
 Address:  
 Address 2:  
 City:  
 State:  
 Zip:  
 Date Completed:  
 Date Updated by LSE:

S-1 Requirement	S-2 Supply	S-3 Small POU Hourly Loads	S-5 Bilateral Contracts	Application for
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MD	MD		MD	CA
21231	21231		21231	95816
9/17/2021	9/17/2021		9/17/2021	9/17/2021

**Back-up / Additional Contact Persons for Questions about these Forms (Optional):**

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Baltimore	Baltimore		Baltimore	Sacramento
MD	MD		MD	CA
21231	21231		21231	95816

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



Constellation NewEnergy, Inc.

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)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	<b>PEAK LOAD CALCULATIONS</b>	(↓ Actual Load ↓)	(Forecast Load ⇌)										
1	Forecast Total Peak-Hour 1-in-2 Demand							1,046	1,046	1,046	1,046	1,046	1,046
2a	ESP Demand: Existing Customer Contracts							41	0	0	0	0	0
2b	ESP Demand: New and Renewed Contracts							1,005	1,046	1,046	1,046	1,046	1,046
2c	ESP Demand in PG&E service area							412	412	412	412	412	412
2d	ESP Demand in SCE service area							545	545	545	545	545	545
2e	ESP Demand in SDG&E service area							89	89	89	89	89	89
3	Additional Achievable Energy Efficiency (-)												
4	Demand Response / Interruptible Programs (-)							(267)	(267)	(267)	(267)	(267)	(267)
5	Adjusted Demand: End-Use Customers							778	778	778	778	778	778
6	Coincidence Adjustment (-)							(59)	(59)	(59)	(59)	(59)	(59)
7	Coincident Peak-Hour Demand							719	719	719	719	719	719
8	Required Planning Reserve Margin							108	108	108	108	108	108
9	Credit for Imports That Carry Reserves (-)												
10	Firm Sales Obligations												
11	Firm LSE Procurement Requirement							827	827	827	827	827	827

line	Energy Procurement Requirement (GWh)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	<b>ENERGY DEMAND CALCULATIONS</b>	(↓ Actual Load ↓)	(Forecast Load ⇌)										
12	Forecast Total Energy Demand / Consumption							6,000	6,000	6,000	6,000	6,000	6,000
13a	ESP Demand: Existing Customer Contracts							111	0	0	0	0	0
13b	ESP Demand: New and Renewed Contracts							5,889	6,000	6,000	6,000	6,000	6,000
13c	ESP Demand in PG&E service area							2,373	2,373	2,373	2,373	2,373	2,373
13d	ESP Demand in SCE service area							3,153	3,153	3,153	3,153	3,153	3,153
13e	ESP Demand in SDG&E service area							474	474	474	474	474	474
14	Additional Achievable Energy Efficiency (-)												
15	Demand Response / Interruptible Programs (-)												
16	Adjusted Demand: End-Use Customers							6,000	6,000	6,000	6,000	6,000	6,000
17	Firm Sales Obligations												
18	Firm LSE Procurement Requirement							6,000	6,000	6,000	6,000	6,000	6,000

line	Historic LSE Peak Load:	MW	MW
		Year 2019	Year 2020
19	Annual Peak Load / Actual Metered Deliveries		
20	Date of Peak Load for Annual Peak Deliveries	9/4/19	8/18/20
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	



State of California  
 California Energy Commission  
**ELECTRICITY RESOURCE PLANNING FORM**  
**CEC Form S-5: Bilateral Contracts Table**  
 Do not delete any rows or columns or change headers.  
 Constellation NewEnergy, Inc.



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

S-2 line	Contract Name:	Fuels	Supplier / Seller:	Unit Contingent:	Generating Unit(s) Specified
6b	0				
6c	RenewableContract_Wind_PS	Wind	Exelon Generation Company, LLC	Unit Contingent	San Gorgonio 1-5 - Aldrich; Buckwind; Carter; Renwind; Traid
6c	RenewableContract_Biomass_LV	Biofuels	Exelon Generation Company, LLC	Unit Contingent	Longview Washington Pulp and Paper Mill
6c	RenewableContract_Biomass_SDGE	Biofuels	Exelon Generation Company, LLC	Unit Contingent	HL Power Company, California Limited Partnership
6c	RenewableContract_Geothermal_Calpine	Geothermal	Exelon Generation Company, LLC	Portfolio	Various
6c	RenewableContract_Solar_Blythe_Mesa	Solar PV	Exelon Generation Company, LLC	Unit Contingent	Blythe Mesa Solar II Project
6c	RenewableContract_Solar_Daggett2	Solar PV	Exelon Generation Company, LLC	Unit Contingent	Daggett Solar Power 2 LLC
6c	RenewableContract_Solar_Daggett3	Solar PV	Exelon Generation Company, LLC	Unit Contingent	Daggett Solar Power 3 LLC
6c	RenewableContract_Solar_Intersect	Solar PV	Exelon Generation Company, LLC	Unit Contingent	SE Athos II, LLC
6c	RenewableContract_Solar_Nextera	Solar PV	Exelon Generation Company, LLC	Portfolio	Blythe Solar 110, LLC
6c	RenewableContract_Solar_SolarFrontier	Solar PV	Exelon Generation Company, LLC	Unit Contingent	Midway Solar Farm I - Midway Solar Farm I
6c	RenewableContract_Solar_TerraGen_1A	Solar PV	Exelon Generation Company, LLC	Unit Contingent	Edwards Solar 1A, Sub Project E1A
6c	RenewableContract_Solar_TerraGen_1B	Solar PV	Exelon Generation Company, LLC	Unit Contingent	Edwards Solar 1A, Sub Project E2
6c	RenewableContract_Solar_Titan	Solar PV	Exelon Generation Company, LLC	Unit Contingent	Titan Solar 1, LLC
6c	RenewableContract_Variable_Direct	Other	Exelon Generation Company, LLC	Portfolio	Various
6c	RenewableContract_Variable_PaloAlto	Other	Exelon Generation Company, LLC	Portfolio	Various
6c	RenewableContract_Variable_PG&E	Other	Exelon Generation Company, LLC	Portfolio	Various
6c	RenewableContract_Variable_Powerex	Other	Exelon Generation Company, LLC	Portfolio	Various
6c	RenewableContract_Variable_Shell	Other	Exelon Generation Company, LLC	Portfolio	Various
6c	RenewableContract_Wind_Brookfield	Wind	Exelon Generation Company, LLC	Unit Contingent	Mesa Wind Farm
6c	RenewableContract_Wind_PacifiCorp	Wind	Exelon Generation Company, LLC	Portfolio	Various
6c	RenewableContract_Wind_PSColorado	Wind	Exelon Generation Company, LLC	Portfolio	Various
6c	RenewableContract_Wind_Windstream	Wind	Exelon Generation Company, LLC	Unit Contingent	Victory Garden #4; Northwind 6111 - Windstream
6d	0				
7b	0				
7c	Other Bilateral_Resource Adequacy Aggregate	Other	Exelon Generation Company, LLC	Unit Contingent	Various
7d	0				
7e	0				

