

## DOCKETED

<b>Docket Number:</b>	17-IEPR-02
<b>Project Title:</b>	Electricity Resource/ Supply Plans
<b>TN #:</b>	218062
<b>Document Title:</b>	Constellation NewEnergy, Inc. 2017 IEPR Electricity Resource Plan Forms - PUBLIC VERSION
<b>Description:</b>	N/A
<b>Filer:</b>	Eric Janssen
<b>Organization:</b>	Ellison Schneider Harris & Donlan LLP
<b>Submitter Role:</b>	Applicant Representative
<b>Submission Date:</b>	6/12/2017 4:54:40 PM
<b>Docketed Date:</b>	6/12/2017



June 12, 2017

California Energy Commission  
Docket Unit  
1516 Ninth Street  
Sacramento, CA 95814

**Re: Constellation NewEnergy, Inc.'s Revised 2017 IEPR Electricity Resource Planning Forms – Public Version (17-IEPR-02)**

Dear Docket Unit,

Constellation NewEnergy, Inc. (“CNE”) was granted confidentiality by letter dated May 3, 2017 for its 2017 IEPR submissions in dockets 17-IEPR-02 and 17-IEPR-03 on April 21, 2017 and April 17, 2017, respectively. That letter requested that CNE file a public version of the forms to the appropriate docket. CNE subsequently submitted a revised confidential data submission in 17-IEPR-02 on June 7, 2017.<sup>1</sup> Attached hereto please find the public, redacted version of CNE’s revised 2017 IEPR Electricity Resource Planning Forms.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Eric Janssen", with a stylized flourish at the end.

Eric Janssen  
Paralegal to Andrew B. Brown  
Ellison Schneider Harris & Donlan LLP  
Attorneys for Constellation NewEnergy, Inc.

Attachment

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<sup>1</sup> See, TN #s 217917 and 217992.

State of California  
 California Energy Commission  
**ELECTRICITY RESOURCE PLANNING FORMS**  
 Administrative Information (issued 12/2016)



**Sheet "S-2 Energy Balance"**  
 Revised on 6/6/2017  
This is a revised submittal.

Name of Load Serving Entity ("LSE") 

Constellation NewEnergy, Inc.
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 Name of Resource Planning Coordinator 

Edward MacKay
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**Persons who prepared Supply Forms**

	S-1 CRATS	S-2 Energy Balance	S-3 Small POU Hourly Loads	S-5 Bilateral Contracts	Application for Confidentiality
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Address 2:					
City:	Baltimore	Baltimore		Baltimore	Sacramento
State:	MD	MD		MD	CA
Zip:	21231	21231		21231	95816
Date Completed:	4/21/2017	4/21/2017		4/21/2017	4/21/2017
Date Updated by LSE:					

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

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Address 2:					
City:	Baltimore	Baltimore		Baltimore	Sacramento
State:	MD	MD		MD	CA
Zip:	21231	21231		21231	95816

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1		State of California												
2		California Energy Commission												
3		<b>ELECTRICITY RESOURCE PLANNING FORMS</b>												
4		CEC Form S-1: Capacity Resource Accounting Table (issued 12/2016)												
5														
6		Constellation NewEnergy, Inc.												
7														
8		Where cell specifies more than one datum, separate data with a semicolon.												
9														
9	line	<b>Capacity Resource Accounting Table (MW)</b>	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
10		<b>PEAK LOAD CALCULATIONS</b>	(+ Prior Forecasts ↓)	(Forecast Supply ⇒)										
11	1	Forecast Total Peak-Hour 1-in-2 Demand	907						866	10				
12	2a	ESP Demand: Existing Customer Contracts	907						9	9				
13	2b	ESP Demand: New and Renewed Contracts	0						830	0				
14	2c	ESP Demand in PG&E service area	394						320	6				
15	2d	ESP Demand in SCE service area	455						495	3				
16	2e	ESP Demand in SDG&E service area	58						51	0				
17	3	Additional Achievable Energy Efficiency (-)												
18	4	Demand Response / Interruptible Programs (-)												
19	5	<b>Adjusted Demand: End-Use Customers</b>							866	10	0	0	0	0
20	6	Coincidence Adjustment (-)												
21	7	<b>Coincident Peak-Hour Demand</b>							866	10	0	0	0	0
22	8	Required Planning Reserve Margin							130	1	0	0	0	0
23	9	Credit for Imports That Carry Reserves (-)												
24	10	Firm Sales Obligations												
25	11	<b>Firm LSE Procurement Requirement</b>							995	11	0	0	0	0
26														
27		<b>CAPACITY SUPPLY RESOURCES</b>												
28	12a	<b>Total Fossil Fuel Supply</b>	0	0	0	0	0	0	0	0	0	0	0	0
29	12b	[state fuel; then list each resource, e.g., Fossil Unit 1]												
30	12c	[state fuel; then list each resource, e.g. Natural Gas; Fossil Unit 2]												
31	12d	[state fuel; then list each resource, e.g. Natural Gas; Fossil Unit N; list planned resources last]												
32	13a	<b>Total Nuclear Supply</b>	0	0	0	0	0	0	0	0	0	0	0	0
33	13b	[Nuclear Unit 1]												
34	13c	[Nuclear Unit 2]												
35	14a	<b>Total Hydroelectric Supply</b>	0	0	0	0	0	0	0	0	0	0	0	0
36	14b	Total: Hydro Supply from Plants larger than 30 MW												
37	14c	Total: Hydro Supply from Plants 30 MW or less												
38	line	<b>Capacity Resource Accounting Table (MW)</b>	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
39	15a	<b>Total Utility-Controlled Renewable Supply</b>	0	0	0	0	0	0	0	0	0	0	0	0
40	15b	[state fuel; then list each resource, e.g., Renewable Plant 1]												
41	15c	[state fuel; then list each resource, e.g. Geothermal: Renewable Project 2]												
42	15d	[state fuel; then list each resource, Wind: Renewable Project N; list planned resources last]												
43	17a	<b>Total Qualifying Facility (QF) Contract Supply</b>	0	0	0	0	0	0	0	0	0	0	0	0
44	17b	Biofuels												
45	17c	Geothermal												
46	17d	Small Hydro												
47	17e	Solar												
48	17f	Wind												
49	17g	Natural Gas												
50	17h	Other												
51	18a	<b>Total Renewable Contract Supply</b>	7	7	10	10	10	0	0	0	0	0	0	0
52	18b	Renewable DG Supply												
53	18c	RenewableContract_Wind_PS	7	7	10	10	10							
54	18d	RenewableContract_Wind_KV	0	0	0	0	0							
55	18e	RenewableContract_Wind_WCV	0											
56	18f	RenewableContract_Variable_ECPOEB1	0											
57	18g	RenewableContract_Variable_ECPOEB3		0										
58	18h	RenewableContract_Variable_ECP0AHV	0											
59	18i	RenewableContract_Variable_ECPOCC7	0											
60	18j	RenewableContract_Variable_ECP0LAI	0											
61	18k	RenewableContract_Wind_ECP0O5A	0											
62	18l	RenewableContract_Variable_ECP0LAH		0										
63	18m	RenewableContract-Variable_ECP0LAG		0										
64	18n	RenewableContract_Wind_EC5O05B			0									
65	18o	RenewableContract_Wind_EC50LS2			0									
66	18p	RenewableContract_Wind_EC50LS3				0								
67	18q	RenewableContract_Wind_EC50PJ7			0									
68	18r	RenewableContract_Biomass_EC50O5C	0											
69	18s	RenewableContract_Biomass_EC50PKF		0										
70	18t	RenewableContract_Wind_EC50KKD	0											
71	18u	RenewableContract_Variable_EC50N11	0											
72	18v	RenewableContract_Wind_EC50N15	0											
73	19a	<b>Total Other Bilateral Contract Supply</b>							0	0	0	0	0	0
74	19b	Non-Renewable DG Supply												
75	19c	Other Bilateral_PBPOCO_Resource Adequacy_THERMAL							0	0	0	0	0	0
76	19d	Other Bilateral_PBPSTL5_Resource Adequacy_THERMAL							0	0	0	0	0	0
77	19e	Other Bilateral_PBPSTLB_Resource Adequacy_THERMAL							0	0	0	0	0	0
78	19f	Other Bilateral_PBPPIXY_Resource Adequacy_THERMAL							0	0	0	0	0	0
79	19g	Other Bilateral_PBPADKA_Resource Adequacy_THERMAL							0	0	0	0	0	0
80	19h	Other Bilateral_PBP9THN_Resource Adequacy_BIOMASS							0	0	0	0	0	0
81	19i	Other Bilateral_PAPGRDE_Resource Adequacy_THERMAL							0	0	0	0	0	0
82	19j	Other Bilateral_PAPGRDA_Resource Adequacy_THERMAL							0	0	0	0	0	0
83	19k	Other Bilateral_PBP00P7_Resource Adequacy_THERMAL							0	0	0	0	0	0
84	19l	Other Bilateral_PBP0CRK_Resource Adequacy_PEAKE							0	0	0	0	0	0
85	19m	Other Bilateral_PBP0CSC_Resource Adequacy_PEAKE							0	0	0	0	0	0
86	19n	Other Bilateral_PBP0CSH_Resource Adequacy_PEAKE							0	0	0	0	0	0
87	19o	Other Bilateral_PBP0ERS_Resource Adequacy_THERMAL							0	0	0	0	0	0
88	19p	Other Bilateral_PBP0DVR_Resource Adequacy_THERMAL							0	0	0	0	0	0
89	19q	Other Bilateral_PBP0FQ3_Resource Adequacy_THERMAL							0	0	0	0	0	0
90	19r	Other Bilateral_PBP0GLD_Resource Adequacy_THERMAL							0	0	0	0	0	0
91	19s	Other Bilateral_PBP06CC_Resource Adequacy_THERMAL							0	0	0	0	0	0
92	19t	Other Bilateral_PBPSTNF_Resource Adequacy_GEOTHERMAL							0	0	0	0	0	0
93	19u	Other Bilateral_PBP4G6Z_Resource Adequacy_THERMAL							0	0	0	0	0	0
94	19v	Other Bilateral_PBPSTND_Resource Adequacy_THERMAL							0	0	0	0	0	0
95	19w	Other Bilateral_PBP0HGI_Resource Adequacy_PEAKE							0	0	0	0	0	0
96	19x	Other Bilateral_PBP0PNZ_Resource Adequacy_THERMAL							0	0	0	0	0	0
97	19y	Other Bilateral_PBP0RJI_Resource Adequacy_THERMAL							0	0	0	0	0	0
98	19z	Other Bilateral_PBP0RJS_Resource Adequacy_THERMAL							0	0	0	0	0	0
99	19aa	Other Bilateral_PBP0RU5_Resource Adequacy_THERMAL							0	0	0	0	0	0
100	19bb	Other Bilateral_PBP0RU7_Resource Adequacy_COGENERATION							0	0	0	0	0	0
101	19cc	Other Bilateral_PBP1OJ1_Resource Adequacy_PEAKE							0	0	0	0	0	0
102	19dd	Other Bilateral_PBP1FAG_Resource Adequacy_THERMAL							0	0	0	0	0	0
103	19ee	Other Bilateral_PBP0RNI_Resource Adequacy_THERMAL							0	0	0	0	0	0
104	19ff	Other Bilateral_PBP0RU9_Resource Adequacy_THERMAL							0	0	0	0	0	0



A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	State of California												
2	California Energy Commission												
3	<b>ELECTRICITY RESOURCE PLANNING FORMS</b>												
4	<b>CEC Form S-2: Energy Balance Table</b> (issued 12/2016)												
5													
6	Constellation NewEnergy, Inc.												
7													
8	Where cell specifies more than one datum, separate data with a semicolon.												
9	<b>Energy Balance Table (GWh)</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
10	<b>ENERGY DEMAND CALCULATIONS</b>	(↓ Actual Supply ↓)	(Forecast Supply ↑)										
11	1 Forecast Total Energy Demand / Consumption	5740						5134	47				
12	2a ESP Demand: Existing Customer Contracts	5740						143	47				
13	2b ESP Demand: New and Renewed Contracts	0						4991	0				
14	2c ESP Demand in PG&E service area	2427						1885	33				
15	2d ESP Demand in SCE service area	2959						2941	14				
16	2e ESP Demand in SDG&E service area	354						307	0				
17	3 Additional Achievable Energy Efficiency (-)												
18	4 Demand Response / Interruptible Programs (-)												
19	<b>Adjusted Demand: End-Use Customers</b>							<b>5,134</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
20	6 Coincidence Adjustment [does not apply to S-2 form]												
21	7 Coincident Peak-Hour Demand [does not apply to S-2]												
22	8 Required Planning Reserve [does not apply to S-2]												
23	9 Credit for Imports That Carry Reserves [does not apply]												
24	10 Firm Sales Obligations												
25	<b>Firm LSE Procurement Requirement</b>							<b>5,134</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
26													
27	<b>ENERGY SUPPLY RESOURCES</b>												
28	12a <b>Total Fossil Fuel Supply</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
29	12b [state fuel; then list each resource, e.g., Fossil Unit 1]												
30	12c [state fuel; then list each resource, e.g., Natural Gas; Fossil Unit N; list planned resources last]												
31	12d [state fuel; then list each resource, e.g., Natural Gas; Fossil Unit N; list planned resources last]												
32	13a <b>Total Nuclear Supply</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
33	13b [Nuclear Unit 1]												
34	13c [Nuclear Unit 2]												
35	14a <b>Total Hydroelectric Supply</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
36	14b Total: Hydro Supply from Plants larger than 30 MW												
37	14c Total: Hydro Supply from Plants 30 MW or less												
38	<b>Energy Balance Table (GWh)</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
39	15a <b>Total Utility-Controlled Renewable Supply</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
40	15b [state fuel; then list each resource, e.g., Renewable Plant 1]												
41	15c [state fuel; then list each resource, e.g., Geothermal: Renewable Project 2]												
42	15d [state fuel; then list each resource, Wind: Renewable Project N; list planned resources last]												
43	17a <b>Total Qualifying Facility (QF) Contract Supply</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
44	17b Biofuels												
45	17c Geothermal												
46	17d Small Hydro												
47	17e Solar												
48	17f Wind												
49	17g Natural Gas												
50	17h Other												
51	18a <b>Total Renewable Contract Supply</b>	<b>1,879</b>	<b>876</b>	<b>826</b>	<b>509</b>	<b>173</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
52	18b Renewable DG Supply												
53	18c RenewableContract_Wind_PS	168	136	173	173	173							
54	18d RenewableContract_Wind_KV	256	251	236	236								
55	18e RenewableContract_Wind_WCV	72											
56	18f RenewableContract_Variable_ECP0EB1	300											
57	18g RenewableContract_Variable_ECP0EB3		150										
58	18h RenewableContract_Variable_ECP0AHV	300											
59	18i RenewableContract_Variable_ECP0CC7	152											
60	18j RenewableContract_Variable_ECP0LAI	26											
61	18k RenewableContract_Wind_ECP005A	9											
62	18l RenewableContract_Variable_ECP0LAH		44										
63	18m RenewableContract-Variable_ECP0LAG		231										
64	18n RenewableContract_Wind_ECS005B			17									
65	18o RenewableContract_Wind_ECS0LS2			100									
66	18p RenewableContract_Wind_ECS0LS3				100								
67	18q RenewableContract_Wind_ECS0PJ7			300									
68	18r RenewableContract_Biomass_ECS005C	39											
69	18s RenewableContract_Biomass_ECP0PKF		64										
70	18t RenewableContract_Wind_ECP0KKD	149											
71	18u RenewableContract_Variable_ECS0N11	73											
72	18v RenewableContract_Wind_ECS0N15	336											
73	19a <b>Total Other Bilateral Contract Supply</b>							<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
74	19b Non-Renewable DG Supply												
75	19c Other Bilateral_PBPOCQO_Resource Adequacy_THERMAL							0	0	0	0	0	0
76	19d Other Bilateral_PBP8TL5_Resource Adequacy_THERMAL							0	0	0	0	0	0
77	19e Other Bilateral_PBP8TLB_Resource Adequacy_THERMAL							0	0	0	0	0	0
78	19f Other Bilateral_PBP8TLC_Resource Adequacy_THERMAL							0	0	0	0	0	0
79	19g Other Bilateral_PBP8TLD_Resource Adequacy_THERMAL							0	0	0	0	0	0
80	19h Other Bilateral_PBP9THN_Resource Adequacy_BIOMASS							0	0	0	0	0	0
81	19i Other Bilateral_PAPGRDE_Resource Adequacy_THERMAL							0	0	0	0	0	0
82	19j Other Bilateral_PAPGRDA_Resource Adequacy_THERMAL							0	0	0	0	0	0
83	19k Other Bilateral_PBP00P7_Resource Adequacy_THERMAL							0	0	0	0	0	0
84	19l Other Bilateral_PBP0CRK_Resource Adequacy_PEAKER							0	0	0	0	0	0
85	19m Other Bilateral_PBP0CSC_Resource Adequacy_PEAKER							0	0	0	0	0	0
86	19n Other Bilateral_PBP0CSH_Resource Adequacy_PEAKER							0	0	0	0	0	0
87	19o Other Bilateral_PBP0E8S_Resource Adequacy_THERMAL							0	0	0	0	0	0
88	19p Other Bilateral_PBP0DVR_Resource Adequacy_THERMAL							0	0	0	0	0	0
89	19q Other Bilateral_PBP0FQ3_Resource Adequacy_THERMAL							0	0	0	0	0	0
90	19r Other Bilateral_PBP0GLD_Resource Adequacy_THERMAL							0	0	0	0	0	0
91	19s Other Bilateral_PBP06CC_Resource Adequacy_THERMAL							0	0	0	0	0	0
92	19t Other Bilateral_PBP5TNF_Resource Adequacy_GEOTHERMAL							0	0	0	0	0	0
93	19u Other Bilateral_PBP4G6Z_Resource Adequacy_THERMAL							0	0	0	0	0	0
94	19v Other Bilateral_PBP5TND_Resource Adequacy_THERMAL							0	0	0	0	0	0
95	19w Other Bilateral_PBP0HGI_Resource Adequacy_PEAKER							0	0	0	0	0	0
96	19x Other Bilateral_PBP0PNZ_Resource Adequacy_THERMAL							0	0	0	0	0	0
97	19y Other Bilateral_PBP0RJI_Resource Adequacy_THERMAL							0	0	0	0	0	0
98	19z Other Bilateral_PBP0RJS_Resource Adequacy_THERMAL							0	0	0	0	0	0
99	19aa Other Bilateral_PBP0RUS_Resource Adequacy_THERMAL							0	0	0	0	0	0



REVISED

Yellow fills indicate confidentiality is being requested pursuant to Appendix A. 2018 GWh numbers are illustrative.

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



**ELECTRICITY RESOURCE PLANNING FORMS**

**CEC Form S-3: 2016 SMALL POU HOURLY LOADS** (issued 12/2016)



Constellation NewEnergy, Inc.

For Publicly Owned LSEs with Annual Peak Loads under 200 MW not submitting demand forms  
Scheduling coordinators reporting load for multiple LSEs should report load for each entity separately.

Report actual hourly demand in calendar year 2016, in megawatts, for each hour of each day.

Add rows to report all 8,784 hours in 2016 (including February 29).

Begin with the hour that ended at 1 a.m. on January 1, 2016.

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.

Scheduling Coordinators should report demand for each utility within a SCID separately.

*Note: This form is a truncated version for printing and review purposes.*

Date (PST)	Hour Ending (PST)	Recorded Demand at Take Out (MW)
1/1/2016	1	
1/1/2016	2	
1/1/2016	3	
1/1/2016	4	
1/1/2016	5	
1/1/2016	6	
1/1/2016	7	
1/1/2016	8	
1/1/2016	9	
1/1/2016	10	
1/1/2016	11	
1/1/2016	12	
1/1/2016	13	
1/1/2016	14	
1/1/2016	15	
1/1/2016	16	
1/1/2016	17	
1/1/2016	18	
1/1/2016	19	
1/1/2016	20	
1/1/2016	21	
1/1/2016	22	
1/1/2016	23	
1/1/2016	24	

Total MWh	0
Maximum	0
Average	#DIV/0!
Minimum	0





