DOCKETED	
Docket Number:	21-IEPR-02
Project Title:	Electricity Resource Plans
TN #:	239766
Document Title:	2021 IEPR Resource Filing - Direct Energy Business, LLC
Description:	PUBLIC Version of 2021 IEPR Resource / Supply filing of Direct Energy Business, LLC.
Filer:	Barbara Farmer
Organization:	Direct Energy Business, LLC
Submitter Role:	Applicant
Submission Date:	9/17/2021 12:53:01 PM
Docketed Date:	9/17/2021

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

Direct Energy Business, LLC	Direct Energy Business, LLC
Name of Resource Planning Coordinator	

Persons who prepared Supply Forms	**S-1 Requirement**	**S-2 Supply**	**S-3 Small POU Hourly**	**S-5 Bilateral Contracts**	**Application for**
Name:	Jay Robertson	Jay Robertson		Jay Robertson	Barbara Farmer
Title:	Portfolio Director	Portfolio Director		Portfolio Director	Regulatory Reporting Analyst
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Address:	12 Greenway Plaza Suite 250	12 Greenway Plaza Suite 250		12 Greenway Plaza Suite 250	610 Louisiana Street
Address 2:					
City:	Houston	Houston		Houston	Houston
State:	TX	TX		TX	TX
Zip:	77046	77046		77046	77046
Date Completed:	9/8/2021	9/8/2021		9/8/2021	9/17/2021
Date Updated by LSE:	9/8/2021	9/8/2021		9/8/2021	9/17/2021

Back-up / Additional Contact Persons for Questions about these Forms (Optional):					
Name:					
Title:					
E-mail:					
Telephone:					
Address:					
Address 2:					
City:					
State:					
Zip:					

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

Direct Energy Business, 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 Procurment Requirement (MW)**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**
	PEAK LOAD CALCULATIONS	(↓ Actual Load ↓)		(Forecast Load ⇨)											
1	Forecast Total Peak-Hour 1-in-2 Demand	543	548												
2a	ESP Demand: Existing Customer Contracts	707	593												
2b	ESP Demand: New and Renewed Contracts														
2c	ESP Demand in PG&E service area	191	241												
2d	ESP Demand in SCE service area	263	226												
2e	ESP Demand in SDG&E service area	89	81												
3	Additional Achievable Energy Efficiency (-)														
4	Demand Response / Interruptible Programs (-)														
5	Adjusted Demand: End-Use Customers	**543**	**548**												
6	Coincidence Adjustment (-)														
7	Coincident Peak-Hour Demand	**543**	**548**												
8	Required Planning Reserve Margin	**81**	**82**												
9	Credit for Imports That Carry Reserves (-)														
10	Firm Sales Obligations														
11	Firm LSE Procurement Requirement	**624**	**630**												

line	**Energy Procurement Requirement (GWh)**														
	ENERGY DEMAND CALCULATIONS	(↓ Actual Load ↓)		(Forecast Load ⇨)											
12	Forecast Total Energy Demand / Consumption	3.79	2.90												
13a	ESP Demand: Existing Customer Contracts	3.79	2.90												
13b	ESP Demand: New and Renewed Contracts														
13c	ESP Demand in PG&E service area	1.43	1.04												
13d	ESP Demand in SCE service area	1.82	1.41												
13e	ESP Demand in SDG&E service area	0.55	0.46												
14	Additional Achievable Energy Efficiency (-)														
15	Demand Response / Interruptible Programs (-)														
16	Adjusted Demand: End-Use Customers	**4**	**3**												
17	Firm Sales Obligations														
18	Firm LSE Procurement Requirement	**4**	**3**												

line	**Historic LSE Peak Load:**	**MW Year 2017**	**MW Year 2018**
19	Annual Peak Load / Actual Metered Deliveries		
20	Date of Peak Load for Annual Peak Deliveries	/17	/18
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	**0.0**	**0.0**

Lines	**Notes**
x	
x	

California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
CEC Form S-2: Capacity/Energy Supply Resources Form
Direct Energy Business, 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.

	CAPACITY SUPPLY RESOURCES (MW)	Plan	Plan	Plant/Unit Identifier-CAISO ID	Fuel Type	2019 (Actual Capacity)	2020 (Actual Capacity)	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1a	**Total Fossil Fuel Supply**	[redacted]	[redacted]	[redacted]	[redacted]	**0**	**0**	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
1b		[redacted]	[redacted]	[redacted]	[redacted]			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
1c		[redacted]	[redacted]	[redacted]	[redacted]			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
1d		[redacted]	[redacted]	[redacted]	[redacted]			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2a	**Total Nuclear Supply**	[redacted]	[redacted]	[redacted]	[redacted]	**0**	**0**	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2b		[redacted]	[redacted]	[redacted]	[redacted]			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2c		[redacted]	[redacted]	[redacted]	[redacted]			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
3a	**Total Hydroelectric Supply**	[redacted]	[redacted]	[redacted]	[redacted]	**0**	**0**	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
3b	Hydro Supply from Plants 30 MW or more	[redacted]	[redacted]	[redacted]	[redacted]			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
3c	Hydro Supply from Plants Less than 30 MW	[redacted]	[redacted]	[redacted]	[redacted]			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
4a	**Total Utility-Controlled Renewable Supply**	[redacted]	[redacted]	[redacted]	[redacted]	**0**	**0**	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
4b		[redacted]	[redacted]	[redacted]	[redacted]			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
4c		[redacted]	[redacted]	[redacted]	[redacted]			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
4d		[redacted]	[redacted]	[redacted]	[redacted]			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
5a	**Total Qualifying Facility (QF) Contract Supply**	[redacted]	[redacted]	[redacted]	[redacted]	**0**	**0**	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
5b	Biofuels	[redacted]	[redacted]	[redacted]	[redacted]												
5c	Geothermal	[redacted]	[redacted]	[redacted]	[redacted]												
5d	Small Hydro	[redacted]	[redacted]	[redacted]	[redacted]												
5e	Solar	[redacted]	[redacted]	[redacted]	[redacted]												
5f	Wind	[redacted]	[redacted]	[redacted]	[redacted]												
5g	Natural Gas	[redacted]	[redacted]	[redacted]	[redacted]												
5h	Other	[redacted]	[redacted]	[redacted]	[redacted]												
6a	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	20.000	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6b	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	6.406	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6c	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	2	11.018	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6d	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	12.576	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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6f	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	560	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6g	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	13192	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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6i	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	6720	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6j	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	5645	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6k	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	5645	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6l	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	2540	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6m	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	1671	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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6o	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	6774	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6p	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	6774	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6q	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	5645	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6r	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	5645	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6s	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	7980	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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6aj	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	2000	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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6az	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	7015	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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6bb	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	857	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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6be	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	567	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6bf	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	18078	0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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6ex	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	10.229	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6ey	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	10.652	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6ez	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	19.674	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6fa	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	19.674	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6fb	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	5.591	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6fc	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	18.063	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6fd	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	1.750	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6fe	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	11.960	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6ff	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	13.040	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6fg	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	1.325	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6fh	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	4.454	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6fi	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	0	6.481	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

ENERGY SUPPLY RESOURCES (GWh)

	2019 (Actual Supply)	2020 (Actual Supply)	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1a	**0**	**0**	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
1b			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
1c			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
1d			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2a	**0**	**0**	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2b			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2c			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
3a	**0**	**0**	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
3b			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
3c			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
4a	**0**	**0**	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
4b			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
4c			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
4d			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
5a	**0**	**0**	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
5b			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
5c			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
5d			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
5e			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
5f			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
5g			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
5h			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6a	**0**	**0**	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
6b–6fi			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

Line	Description				
6fj	[redacted]	0	804		
6fk	[redacted]	0	191		
6fl	[redacted]	0	5.669		
6fm	[redacted]	0	5.813		
6fn	[redacted]	0	263		
6fo	[redacted]	18604	0		
6fp	[redacted]	0	258		
6fq	[redacted]	0	5.310		
6fr	[redacted]	0	35.000		
6fs	[redacted]	0	18.780		
6ft	[redacted]	0	4.800		
6fu	[redacted]	0	16.200		
6fv	[redacted]	0	220		
6fw	[redacted]	151	0		
6fx	[redacted]	144	0		
6fy	[redacted]	10	0		
6fz	[redacted]	306	0		
6ga	[redacted]	540	0		
6gb	[redacted]	960	0		
6gc	[redacted]	1334	0		
6gd	[redacted]	476	0		
6ge	[redacted]	570	0		
6gf	[redacted]	9575	0		
6gg	[redacted]	0	4.512		
6gh	[redacted]	0	7.398		
6gi	[redacted]	20000	0		
6gj	[redacted]				
6gk	[redacted]				
6gl	[redacted]				
6gm	[redacted]				
6gn	[redacted]				
6go	[redacted]				
6gp	[redacted]				
6gq	[redacted]				
6gr	[redacted]				
6gs	[redacted]				
6gt	[redacted]				
6gu	[redacted]				
6gv	[redacted]				
6gw	[redacted]				
6gx	[redacted]				
6gy	[redacted]				
6gz	[redacted]				
6ha	[redacted]				
6hb	[redacted]				
6hc	[redacted]				
6hd	[redacted]				
6he	[redacted]				
6e	Renewable DG Supply				
7a	**Total Other Bilateral Contract Supply**	554	483	0	0
7b	[redacted]	66			
7c	[redacted]	50			
7d	[redacted]	119			
7e	[redacted]	8			
7f	[redacted]	9			
7g	[redacted]	60			
7h	[redacted]	50			
7i	[redacted]	15			
7j	[redacted]	20			
7k	[redacted]	38			
7l	[redacted]	35			
7m	[redacted]	31			
7n	[redacted]	3			
7o	[redacted]	15			
7p	[redacted]	35			
7q	[redacted]		65		
7r	[redacted]		20		
7s	[redacted]		112		
7t	[redacted]		10		
7u	[redacted]		2		
7v	[redacted]		1		
7w	[redacted]		6		
7x	[redacted]		28		
7y	[redacted]		4		
7z	[redacted]		18		
7aa	[redacted]		7		
7ab	[redacted]		8		
7ac	[redacted]		7		
7ad	[redacted]		75		
7ae	[redacted]		20		
7af	[redacted]		3		
7ag	[redacted]		10		
7ah	[redacted]		3		
7ai	[redacted]		1		
7aj	[redacted]		12		
7ak	[redacted]		7		
7al	[redacted]		3		
7am	[redacted]		2		
7an	[redacted]		5		
7ao	[redacted]		15		
7ap	[redacted]		35		
7aq	[redacted]		6		
7ar	[redacted]				
7as	[redacted]				
7at	[redacted]				
7au	[redacted]				
7av	[redacted]				
7aw	[redacted]				
7ax	[redacted]				
7ay	[redacted]				
7az	[redacted]				
7ba	[redacted]				
7bb	[redacted]				
7bc	[redacted]				
7bd	[redacted]				
7be	[redacted]				
7bf	[redacted]				
7bg	[redacted]				
7bh	[redacted]				
7bi	[redacted]				
7bj	[redacted]				
7bk	[redacted]				
7bl	[redacted]				
7bm	[redacted]				
7bn	[redacted]				
7bo	[redacted]				
7bp	[redacted]				
7bq	[redacted]				
7br	[redacted]				
7bs	[redacted]				
7bt	[redacted]				
7bu	[redacted]				
7bv	[redacted]				
7bw	[redacted]				
7bx	[redacted]				
7by	[redacted]				
7bz	[redacted]				
7ca	[redacted]				
7cb	[redacted]				
7cc	[redacted]				
7cd	[redacted]				
7ce	[redacted]				
7cf	[redacted]				
7cg	[redacted]				
7ch	[redacted]				
7ci	[redacted]				
7cj	[redacted]				
7ck	[redacted]				
7cl	[redacted]				
7cm	[redacted]				
7cn	[redacted]				
7co	[redacted]				
7cp	[redacted]				
7cq	[redacted]				
7cr	[redacted]				
7cs	[redacted]				
7ct	[redacted]				
7cu	[redacted]				
7cv	[redacted]				
7cw	[redacted]				
7cx	[redacted]				
7cy	[redacted]				
7cz	[redacted]				
7da	[redacted]				
7db	[redacted]				
7dc	[redacted]				
7dd	[redacted]				
7de	[redacted]				
7df	[redacted]				
7dg	[redacted]				
7dh	[redacted]				
7di	[redacted]				
7dj	[redacted]				
7f	[redacted]				
8	[redacted] and Sales				
	CAPACITY/ENERGY BALANCE SUMMARY				
9	**Total: Existing and Planned Supply**	20.554	483	0	0
10	**Firm LSE Procurement Requirement**	624	630	4	3
11	**Net Surplus (or Need)**	19.930	(147)	#	#
12	Generic Renewable Supply				
13	Generic Non-Renewable Resources				
14	Specified Planning Reserve Margin				

Lines	Notes
x	
x	

State of California
California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
CEC Form S-3: 2020 SMALL POU HOURLY LOADS

Direct Energy Business, LLC
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 2020, in megawatts, for each hour of each day.
Add rows to report all 8,760 hours in 2020.
Begin with the hour that ended at 1 a.m. on January 1, 2020.
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)
1/1/2020	1	
1/1/2020	2	
1/1/2020	3	
1/1/2020	4	
1/1/2020	5	
1/1/2020	6	
1/1/2020	7	
1/1/2020	8	
1/1/2020	9	
1/1/2020	10	
1/1/2020	11	
1/1/2020	12	
1/1/2020	13	
1/1/2020	14	
1/1/2020	15	
1/1/2020	16	
1/1/2020	17	
1/1/2020	18	
1/1/2020	19	
1/1/2020	20	
1/1/2020	21	
1/1/2020	22	
1/1/2020	23	
1/1/2020	24	
1/2/2020	1	
1/2/2020	2	
1/2/2020	3	
1/2/2020	4	
1/2/2020	5	

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.
Direct Energy Business, LLC

Revised 3/2021.

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	Supply Resources(s) Balancing Area	Supply Resoucre(s) Delivery Zone/Point	Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products	Contract Type	Notes (1):	Notes (2):
6b	[redacted]													
6c														
6d														
6e														
6f														
6g														
6h														
6i														
6j														
6k														
6l														
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6q														
6r														
6s														
6t														
6u														
6v														
6w														
6x														
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6aa														
6ab														
6ac														
6ad														
6ae														
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6ai														
6aj														
6ak														
6al														
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6ap														
6aq														
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6as														
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6av														
6aw														
6ax														
6ay														
6az														
6ba														
6bb														
6bc														
6bd														
6be														
6bf														
6bg														
6bh														
6bi														
6bj														
6bk														
6bl														
6bm														
6bn														
6bo														
6bp														
6bq														
6br														
6bs														
6bt														
6bu														
6bv														
6bw														
6bx														
6by														
6bz														
6ca														
6cb														
6cc														
6cd														
6ce														
6cf														
6cg														
6ch														
6ci														
6cj														
6ck														
6cl														
6cm														
6cn														
6co														
6cp														
6cq														
6cr														
6cs														
6ct														
6cu														
6cv														
6cw														
6cx														
6cy														
6cz														
6da														
6db														
6dc														
6dd														
6de														
6df														
6dg														
6dh														
6di														
6dj														
6dk														
6dl														
6dm														
6dn														
6do														
6dp														
6dq														

S-2 line	Contract Name:	Fuels	Supplier / Seller:	Unit Contingent:	Generating Unit(s) Specified	Supply Resources(s) Balancing Area	Supply Resoucre(s) Delivery Zone/Point	Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products	Contract Type	Notes (1):	Notes (2):
6dr	[redacted]													
6ds														
6dt														
6du														
6dv														
6dw														
6dx														
6dy														
6dz														
6ea														
6eb														
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6ef														
6eg														
6eh														
6ei														
6ej														
6ek														
6el														
6em														
6en														
6eo														
6ep														
6eq														
6er														
6es														
6et														
6eu														
6ev														
6ew														
6ex														
6ey														
6ez														
6fa														
6fb														
6fc														
6fd														
6fe														
6ff														
6fg														
6fh														
6fi														
6fj														
6fk														
6fl														
6fm														
6fn														
6fo														
6fp														
6fq														
6fr														
6fs														
6ft														
6fu														
6fv														
6fw														
6fx														
6fy														
6fz														
6ga														
6gb														
6gc														
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6gf														
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6gs														
6gt														
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6gw														
6gx														
6gy														
6gz														
6ha														
6hb														
6hc														
6hd														
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7v														
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7ag														
7ah														
7ai														

S-2 line	Contract Name:	Fuels	Supplier / Seller:	Unit Contingent:	Generating Unit(s) Specified	Supply Resources(s) Balancing Area	Supply Resoucre(s) Delivery Zone/Point	Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products	Contract Type	Notes (1):	Notes (2):
7aj	[redacted]													
7ak														
7al														
7am														
7an														
7ao														
7ap														
7aq														
7ar														
7as														
7at														
7au														
7av														
7aw														
7ax														
7ay														
7az														
7ba														
7bb														
7bc														
7bd														
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7bf														
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7bp														
7bq														
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7ci														
7cj														
7ck														
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7cr														
7cs														
7ct														
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