

**DOCKETED**

<b>Docket Number:</b>	21-IEPR-03
<b>Project Title:</b>	Electricity and Natural Gas Demand Forecast
<b>TN #:</b>	240261
<b>Document Title:</b>	City of Roseville - Roseville Electric Utility Comments - 2021 Demand Response from City of Roseville - Roseville Electric
<b>Description:</b>	N/A
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<b>Submitter Role:</b>	Public
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<b>Docketed Date:</b>	11/4/2021

*Comment Received From: City of Roseville - Roseville Electric Utility  
Submitted On: 11/4/2021  
Docket Number: 21-IEPR-03*

**2021 Demand Response from City of Roseville - Roseville Electric**

*Additional submitted attachment is included below.*

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



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

City of Roseville - Electric Utility

**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	S-5 Bilateral Contracts	Application for
Joe Pasco	Joe Pasco		Joe Pasco	
Electric Business Analyst	Electric Business Analyst		Electric Business Analyst	
<a href="mailto:jpasco@roseville.ca.us">jpasco@roseville.ca.us</a>	<a href="mailto:jpasco@roseville.ca.us">jpasco@roseville.ca.us</a>		<a href="mailto:jpasco@roseville.ca.us">jpasco@roseville.ca.us</a>	
916-746-1663	916-746-1663		916-746-1663	
2090 Hilltop Cir	2090 Hilltop Cir		2090 Hilltop Cir	
Roseville	Roseville		Roseville	
CA	CA		CA	
95747	95747		95747	

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

Name:  
 Title:  
 E-mail:  
 Telephone:  
 Address:  
 Email #2:  
 City:  
 State:  
 Zip:

Julie Manfredi				
Electric Compliance Analyst				
<a href="mailto:jmanfredi@roseville.ca.us">jmanfredi@roseville.ca.us</a>				
916-759-7433				
2090 Hilltop Circle				
<a href="mailto:RECompliance@roseville.ca.u">RECompliance@roseville.ca.u</a>				
Roseville				
CA				
95747				

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



City of Roseville - Electric Utility

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	333	341	344	336	337	338	339	341	343	345	348	351
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 (-)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
5	Adjusted Demand: End-Use Customers	329	337	340	332	333	334	335	337	339	341	344	347
6	Coincidence Adjustment (-)												
7	Coincident Peak-Hour Demand	329	337	340	332	333	334	335	337	339	341	344	347
8	Required Planning Reserve Margin	49	51	51	50	50	50	50	51	51	51	52	52
9	Credit for Imports That Carry Reserves (-)												
10	Firm Sales Obligations												
11	Firm LSE Procurement Requirement	379	387	391	381	383	384	386	388	390	392	396	399

  

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	1,183	1,194	1,193	1,167	1,167	1,170	1,170	1,175	1,185	1,200	1,220	1,245
13a	ESP Demand: Existing Customer Contracts												
13b	ESP Demand: New and Renewed Contracts												
13c	ESP Demand in PG&E service area												
13d	ESP Demand in SCE service area												
13e	ESP Demand in SDG&E service area												
14	Additional Achievable Energy Efficiency (-)												
15	Demand Response / Interruptible Programs (-)												
16	Adjusted Demand: End-Use Customers	1,183	1,194	1,193	1,167	1,167	1,170	1,170	1,175	1,185	1,200	1,220	1,245
17	Firm Sales Obligations												
18	Firm LSE Procurement Requirement	1,183	1,194	1,193	1,167	1,167	1,170	1,170	1,175	1,185	1,200	1,220	1,245

line	Historic LSE Peak Load:	MW	
		Year 2019	Year 2020
19	Annual Peak Load / Actual Metered Deliveries	333.4	340.8
20	Date of Peak Load for Annual Peak Deliveries	8/15/19	8/18/20
21	Hour Ending for Annual Peak Deliveries	18	17
22	Interruptible Load called on during that hour (+)		
23	Self-Generation and DG Adjustments		
24	Adjustments for Major Outages		
25	Adjusted Annual Peak Load	333.4	340.8

Lines	Notes
3	Energy efficiency is embedded in demand forecast



**ELECTRICITY RESOURCE PLANNING FORMS**  
**CEC Form S-3: 2020 SMALL POU HOURLY LOADS**



City of Roseville - Electric Utility

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.  
 City of Roseville - Electric Utility



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 Resource(s) Balancing Area	Supply Resource(s) Delivery Zone/Point	Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products
8b	Blackwell	Solar PV	Blackwell Solar, LLC	Yes	BLCKWL & SOLAR1	CAISO	BLCKWL & SOLAR1	4/10/2015	12/31/2025	1MW	RECS
8c	Leas Hills	Solar PV	Leas Hills Solar, LLC	Yes	LHILLS & SOLAR1	CAISO	LHILLS & SOLAR1	4/10/2015	12/31/2025	1MW	RECS
6d	Silicon Valley Power		Silicon Valley Power					10/1/2012	12/31/2022		RECS
6e	Iberdrola Renewables		Avangrid					1/1/2014	12/31/2024		RECS
6f	Powerecs		Powerecs					1/1/2016	12/31/2025		RECS
7b	Bonzeville Power Administration:1002637	Electricity	Bonzeville Power Administration		Bonzeville Power Administration (Asset Controlling Supplier)	COB				25	
7c	ConocoPhillips:971338	Electricity	ConocoPhillips			NP15				25	
7d	ConocoPhillips:1002506	Electricity	ConocoPhillips			NP15				25	
7e	EDF Trading North America:993134	Electricity	EDF Trading North America			NP15				25	
7f	EDF Trading North America:993135	Electricity	EDF Trading North America			NP15				25	
7g	EDF Trading North America:1096105	Electricity	EDF Trading North America			NP15				25	
7h	Exelon Generation:888193	Electricity	Exelon Generation			NP15				25	