DOCKETED	
Docket Number:	21-IEPR-02
Project Title:	Electricity Resource Plans
TN #:	239758
Document Title:	Pano Valcanas Comments - Truckee Donner Public Utility District IEPR 2021 Form for ERP
Description:	N/A
Filer:	System
Organization:	Pano Valcanas
Submitter Role:	Public Agency
Submission Date:	9/17/2021 11:15:29 AM
Docketed Date:	9/17/2021

Comment Received From: Pano Valcanas

Submitted On: 9/17/2021 Docket Number: 21-IEPR-02

Truckee Donner Public Utility District IEPR 2021 Form for ERP

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



Truckee Donner Public Utility
District
Joe Horvath

P	ersons	who	prepared	Supply	Forms
N	ame:				

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

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

Porms (Optional)
Name:
Title:
E-mail:
Telephone:
Address:
Address 2:
City:
State:
Zip:

S-1 Requirement	S-2 Supply	S-3 Small POU Hourly	S-5 Bilateral Contracts	Application for
Pano Valcanas	Pano Valcanas Pano Valcanas		Joe Horvath	
Data Analyst and	Data Analyst and	Data Analyst and	Assistant General Manager /	
Administrator	Administrator	Administrator	Electric Utility Director	
panovalcanas@tdpud.org	panovalcanas@tdpud.org	panovalcanas@tdpud.org	joehorvath@tdpud.org	
530-582-3947	530-582-3947	530-582-3947	530-582-3969	
11570 Donner Pass Road	11570 Donner Pass Road	11570 Donner Pass Road	11570 Donner Pass Road	
Truckee	Truckee	Truckee	Truckee	
CA	CA	CA	CA	
96161	96161	96161	96161	
9/15/2021	9/15/2021	9/15/2021	9/16/2021	
9/17/2021	9/17/2021	9/17/2021	9/17/2021	

Joe Horvath	Joe Horvath	Joe Horvath	
Assistant General Manager /	Assistant General Manager /	Assistant General Manager /	
Electric Utility Director	Electric Utility Director	Electric Utility Director	
joehorvath@tdpud.org	joehorvath@tdpud.org	joehorvath@tdpud.org	
530-582-3969	530-582-3969	530-582-3969	
11570 Donner Pass Road	11570 Donner Pass Road	11570 Donner Pass Road	
Truckee	Truckee	Truckee	
CA	CA	CA	
96161	96161	96161	

State of California California Energy Commission ELECTRICITY RESOURCE PLANNING FORMS

CEC S-1 Capacity/Energy Requirement Form



Truckee Donner Public Utility District

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
	PEAK LOAD CALCULATIONS	(√ Actual	Load ↓)	(Forecast L	oad ⇒)								
1	Forecast Total Peak-Hour 1-in-2 Demand	34	35	36	37	38	39	39	39	39	39	39	39
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	34	35	36	37	38	39	39	39	39	39	39	3
6	Coincidence Adjustment (-)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(-
7	Coincident Peak-Hour Demand	30	31	32	33	34	35	35	35	35	35	35	3
8	Required Planning Reserve Margin	5	5	5	5	5	5	5	5	5	5	5	
9	Credit for Imports That Carry Reserves (-)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(
10	Firm Sales Obligations	ì	1	,	1.	` `		` '	1.1	, ,	` `	` '	
11	Firm LSE Procurement Requirement	30	31	32	33	34	35	35	35	35	35	35	3
			•	•	•			•	•		•	•	
line	Energy Procurement Requirement (GWh)												
	ENERGY DEMAND CALCULATIONS	(↓ Actual I	Load ↓)	(Forecast L	oad ⇒)								
12	Forecast Total Energy Demand / Consumption	163	169	171	173	175	175	175	175	175	175	175	17:
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 (-)	1(2	1/0	171	172	175	175	175	175	175	175	175	17

MW	MV

line	Historic LSE Peak Load:	Year 2019	Year 2020
19	Annual Peak Load / Actual Metered Deliveries	34.3	34.7
20	Date of Peak Load for Annual Peak Deliveries	12/27/19	12/31/20
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	34.3	34.7

Lines Notes

	All	All Load is located in Sierra Pacific Power Company (SPPC),
ı	All	dba NV Energy, Transmission Control Area
	All	No Load is located in the CAISO Control Area, nor any other
	All	California Control Area

Adjusted Demand: End-Use Customers

Firm LSE Procurement Requirement

Firm Sales Obligations

State of California
California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
CEC Form 52: Capacity/Energy Supply Resources Form
Truckee Donner Public Utility District



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

	CAPACITY SUPPLY RESOURCES (MW)	Plant/ Unit Identif	Plant/ Unit Identif	Plant/ Unit Identif	Fuel Type		2020 (Actual Capacity)	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
la	Total Fossil Fuel Supply					5	5	5	5	5	5	5	5	5	5	5	5
lb	NEBO Power Station		56177		Natural Gas	5	5	5	5	5	5	5	5	5	5	5	
le																	
ld																	
2a	Total Nuclear Supply					0	0	0	0	0	0	0	0	0	0	0	0
2b																	<u> </u>
2e																	.
3a	Total Hydroelectric Supply					4	4	3	3	3	3	3	3	3	3	3	3
3b 3c	Hydro Supply from Plants 30 MW or more Hydro Supply from Plants Less than 30 MW								_	_						3	
4a	Total Utility-Controlled Renewable Supply					4	4 11	3 11		3 11							
4a 4b	Landfill Gas: Trans Jordan, City of Murray UAMPS	61356	56853		Other	11	2	2	2	2	2	2	2	2	2	2	2
4c	Pleasant Valley Wind	61559	56093		Wind	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
46	Horse Butte Wind	62359	57890		Wind	7	7		7	7	7	7	7	7	7		
4d	Heat Recovery: Veyo Power Project	02339	60421		Other	2	2	2	2	2	2	2	2	2	2		2
5a	Total Qualifying Facility (OF) Contract Supply		00421		Other	0	0		0	0	0	0	0	0	0		0
5b	Biofuels						v							- 0			
5e	Geothermal																
5d	Small Hydro																
5e	Solar																
5f	Wind																
5g	Natural Gas																
5h	Other																
6a	Total Renewable Contract Supply					0	0	0	6	6	6	6	6	6	6	6	6
6b	Red Mesa Tapaha Solar Project (online in 2022)	TBD	TBD	TBD	Solar PV	0	0	0	6	6	6	6	6	6	6	6	6
6c																	
6d																	i .
6e	Renewable DG Supply																
7a	Total Other Bilateral Contract Supply					13	13	13	11	11	11	11	11	11	11	11	11
7ь	UAMPS Pool, UAMPS Pooling Appendix					13	13	13	11	11	11	11	- 11	11	11	11	11
7c																	<u> </u>
7d																	-
7e																	-
7f	Non-Renewable DG Supply																
8	Short-Term and Spot Market Purchases (and Sales)																
	CAPACITY/ENERGY BALANCE SUMMARY																
9	Total: Existing and Planned Supply					33	33	32	36	36	36	36	36	36	36		36
10	Firm LSE Procurement Requirement					30	31	32	33	34	35	35	35	35	35	35	35
11	Net Surplus (or Need)					4	3	1	3	2	1	1	1	1	1	1	1
12	Generic Renewable Supply																
13	Generic Non-Renewable Resources Specified Planning Reserve Margin					15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%

ENERGY	SUPPLY RESOU	RCES (GW	'h)								
2019 (Actual Supply)	2020 (Actual Supply)	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
9	15	15	15	15	16	16	16	16	16	16	16
9	15	15	15	15	16	16	16	16	16	16	16
0	0	0	0	0	0	0	0	0	0	0	0
12	8	10	12	12	12	12	12	12	12	12	12
12	- 8	10	12	12	12	12	12	12	12	12	12
12	8	10	12	12	12	12	12	12	12	12	12
72	81	79	80	80	80	81	81	81	81	81	82
23	25	25	25	25	25	25	25	25	25	25	25
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
42	48	45	45	45	45	45	45	45	45	45	45
7	8	9	10	10	10	- 11	11 0	- 11	11	- 11	12
0	0	0	0	0	- 0	0	- 0	0	0	0	0
0	0	0	10	16	16	16	16	16	16	16	16
0	0	0	10	16	16	16	16	16	16	16	16
69	65	69	59	53	52	51	51	51	51	51	50
69	65	69	59	53	52	51	51	51	51	51	50
	l		-								
163	169	173	176	176	176	176	176	176	176	176	176
163	169	171	173	175	175	175	175	175	175	175	175
0	0	2	3	1	1	1	1	1	1	1	1

Lines	No	ote

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



Truckee Donner Public Utility District

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.

*** Correction. There are 8784 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	169,091
Maximum	35
Average	19
Minimum	11

Date (PST)	Hour Ending (PST)	Recorded Demand at Take Out (MW)
1/1/2020	1	22.486
1/1/2020	2	20.931
1/1/2020	3	20.059
1/1/2020	4	19.303
1/1/2020	5	19.394
1/1/2020	6	19.956
1/1/2020	7	21.013
1/1/2020	8	22.901
1/1/2020	9	25.067
1/1/2020	10	26.134
1/1/2020	11	26.059
1/1/2020	12	26.106
1/1/2020	13	26.178
1/1/2020	14	25.925
1/1/2020	15	24.965
1/1/2020	16	25.879
1/1/2020	17	28.399
1/1/2020	18	30.908
1/1/2020	19	31.238
1/1/2020	20	30.639
1/1/2020	21	29.600
1/1/2020	22	27.401
1/1/2020	23	24.705
1/1/2020	24	22.105
1/2/2020	1	20.326
1/2/2020	2	19.651
1/2/2020	3	19.309
1/2/2020	4	19.163
1/2/2020	5	19.424

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. Truckee Donner Public Utility District



S-2 line	Contract Name:
6b	Red Mesa Tapaha Solar Project (online in 2022)
6c	0
6d	0
7b	UAMPS Pool, UAMPS Pooling Appendix
7c	0
7d	0
7e	0

Revised 3/2021.

Yellow fills indicate confidentiality is being requested put	rsuant to Appendix A.	
Fuels	Supplier / Seller:	Unit Contingent:
Solar PV	UAMPS	

Generating Unit(s) Specified	Supply Resources(s) Balancing Area	Supply Resoucre(s) Delivery Zone/Point
	PACE	Truckee, CA

Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products
6/1/2022	6/1/2047	6	Bundled Energy and RECS