

DOCKETED

Docket Number:	19-IEPR-02
Project Title:	Electricity Resource Plans
TN #:	227106
Document Title:	Colton 2019 IEPR Supply Forms
Description:	Admin Information, S-1 Requirement, S-2 Supply. Hourly loads in additional file
Filer:	David Kolk
Organization:	City of Colton
Submitter Role:	Public Agency
Submission Date:	2/20/2019 8:40:45 AM
Docketed Date:	2/20/2019

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



Name of Load Serving Entity ("LSE")

LSE Name on Admin Tab

Name of Resource Planning Coordinator

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

Dave Kolk	Dave Kolk
Utility Director	Utility Director
Dkolk@coltonca.gov	Dkolk@coltonca.gov
909 370 6196	909 370 6196
150 S. 10th St	150 S. 10th St
Colton Electric Dept	Colton Electric Dept
Colton Electric Dept	Colton Electric Dept
CA	CA
92324	92324
2/19/2019	2/19/2019
2/19/2019	2/19/2019

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

Name:

Title:

E-mail:

Telephone:

Address:

Address 2:

City:

State:

Zip:

Rebecca Gallegos	Rebecca Gallegos
Resource Coordinator	Resource Coordinator
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CA	CA
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S-3 Small POU Hourly Loads S-5 Bilateral Contracts Application for Confidentiality

Dave Kolk		
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LSE Name on Admin Tab

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)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	PEAK LOAD CALCULATIONS	(↓ Actual Load ↓)													
1	Forecast Total Peak-Hour 1-in-2 Demand	90.90	89.70	84.00	85.00	86.00	87.00	87.00	88.00	89.00	90.00	90.00	91.00	92.00	93.00
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 (-)				(1.00)	(1.00)	(1.00)	(1.00)	(1.00)	(1.00)	(1.00)	(1.00)	(1.00)	(1.00)	(1.00)
4	Demand Response / Interruptible Programs (-)				(4.00)	(4.00)	(4.00)	(4.00)	(4.00)	(4.00)	(4.00)	(4.00)	(4.00)	(4.00)	(4.00)
5	Adjusted Demand: End-Use Customers	90.90	89.70	84.00	80.00	81.00	82.00	82.00	83.00	84.00	85.00	85.00	86.00	87.00	88.00
6	Coincidence Adjustment (-)	(5.45)	(5.38)	(5.04)	(4.80)	(4.86)	(4.92)	(4.92)	(4.98)	(5.04)	(5.10)	(5.10)	(5.16)	(5.22)	(5.28)
7	Coincident Peak-Hour Demand	85.45	84.32	78.96	75.20	76.14	77.08	77.08	78.02	78.96	79.90	79.90	80.84	81.78	82.72
8	Required Planning Reserve Margin	12.82	12.65	11.84	11.28	11.42	11.56	11.56	11.70	11.84	11.99	11.99	12.13	12.27	12.41
9	Credit for Imports That Carry Reserves (-)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Firm Sales Obligations	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Firm LSE Procurement Requirement	98.26	96.97	90.80	86.48	87.56	88.64	88.64	89.72	90.80	91.89	91.89	92.97	94.05	95.13

line	Energy Procurement Requirement (GWh)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	ENERGY DEMAND CALCULATIONS	(â Actual Load â)													
12	Forecast Total Energy Demand / Consumption	376.90	374.30	383.10	386.20	386.70	389.50	392.00	394.70	397.30	400.10	402.90	405.70	408.60	411.20
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 (-)			(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)
15	Demand Response / Interruptible Programs (-)														
16	Adjusted Demand: End-Use Customers	376.90	374.30	382.60	385.70	386.20	389.00	391.50	394.20	396.80	399.60	402.40	405.20	408.10	410.70
17	Firm Sales Obligations	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Firm LSE Procurement Requirement	376.90	374.30	382.60	385.70	386.20	389.00	391.50	394.20	396.80	399.60	402.40	405.20	408.10	410.70

line	Historic LSE Peak Load:	MW	MW
		Year 2017	Year 2018
19	Annual Peak Load / Actual Metered Deliveries	90.9	89.7
20	Date of Peak Load for Annual Peak Deliveries	8/30/17	8/7/18
21	Hour Ending for Annual Peak Deliveries	1700	1500
22	Interruptible Load called on during that hour (+)	0.0	0.0
23	Self-Generation and DG Adjustments	0.0	0.0
24	Adjustments for Major Outages	0.0	0.0
25	Adjusted Annual Peak Load	90.9	89.7

Lines	Notes
6	CED's coincidence factor with the CAISO is .94
8	CED's approved planning reserve margin is 10%

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ELECTRICITY RESOURCE PLANNING FORMS
CEC Form S-3: 2018 SMALL POU HOURLY LOADS



LSE Name on Admin Tab

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 2018, in megawatts, for each hour of each day.
 Add rows to report all 8,760 hours in 2018.
 Begin with the hour that ended at 1 a.m. on January 1, 2018.
 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	366,321
Maximum	86
Average	42
Minimum	22

Date (PST)	Hour Ending (PST)	Recorded Demand at Take Out (MW)
1/1/2018	1	30.29
1/1/2018	2	29.83
1/1/2018	3	29.28
1/1/2018	4	28.98
1/1/2018	5	28.90
1/1/2018	6	29.06
1/1/2018	7	29.23
1/1/2018	8	27.79
1/1/2018	9	26.76
1/1/2018	10	25.79
1/1/2018	11	25.50
1/1/2018	12	25.17
1/1/2018	13	26.26
1/1/2018	14	27.36
1/1/2018	15	27.32
1/1/2018	16	28.81
1/1/2018	17	30.68
1/1/2018	18	34.27
1/1/2018	19	34.66
1/1/2018	20	34.56
1/1/2018	21	34.42
1/1/2018	22	33.72
1/1/2018	23	32.89
1/1/2018	24	32.09
1/2/2018	1	31.15
1/2/2018	2	30.32
1/2/2018	3	29.87
1/2/2018	4	29.83
1/2/2018	5	30.14

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ELECTRICITY RESOURCE PLANNING FORMS
CEC Form S-5: Bilateral Contracts Table
 Do not delete any rows or columns or change headers.
 LSE Name on Admin Tab



Revised 8/2018.

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

S-2 line	Contract Name:	Fuels	Supplier / Seller:	Unit Contingent:
6b	Puente Hills Landfill Gas Generator			
6c	0			
6d	0			
7b	0			
7c	0			
7d	0			
7e	0			

