



JF2/kz1 5/20/2020

FILED
05/20/20
03:22 PM

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to
Develop an Electricity Integrated
Resource Planning Framework and to
Coordinate and Refine Long-Term
Procurement Planning Requirements.

Rulemaking 16-02-007

**ADMINISTRATIVE LAW JUDGE'S RULING CORRECTING APRIL 15, 2020
RULING FINALIZING LOAD FORECASTS AND GREENHOUSE GAS
BENCHMARKS FOR INDIVIDUAL 2020 INTEGRATED RESOURCE
PLAN FILINGS**

Summary

This ruling finalizes individual load-serving entity (LSE) load forecasts for 2030 and associated greenhouse gas (GHG) benchmarks for use in the 2020 individual integrated resource plan (IRP) filings due September 1, 2020, as required by Decision (D.) 20-03-028. This ruling serves as a correction to some errors in the April 15, 2020 ruling on the same topic.

**1. Corrections to Load Forecasts and GHG Benchmarks
for 2020 Individual IRPs**

Subsequent to the issuance of the April 15, 2020 Administrative Law Judge's Ruling Finalizing Load Forecasts and Greenhouse Gas Benchmarks for Individual 2020 Integrated Resource Plan Filings and Assigning Procurement Obligations Pursuant to Decision 19-01-016 (Ruling), Commission staff became aware of several errors requiring correction.

First, there was a typographical error in the load forecast for Marin Clean Energy in 2030 in Table 1 on page 6 of the Ruling. The correct forecast should be 5,987 gigawatt hours (GWh) instead of 5,897 GWh.

Second, there was a double-counting error in the California Energy Commission's (CEC's) published forecast in the Integrated Energy Policy Report (IEPR) for Monterey Bay Community Power (MBCP) in the Pacific Gas and Electric Company (PG&E) territory in 2020. This affects the 2020 forecast for MBCP on Page 1 of Attachment A of the Ruling. The 2020 forecast for MBCP should read 3,133 GWh instead of 4,881 GWh.

Third, the adjustment to correct the MBCP forecast error in 2020 in PG&E's territory results in an increase to PG&E's bundled load in 2020. Thus, PG&E's 2020 load on Page 1 of Attachment A of the Ruling should read 32,243 GWh instead of 30,495 GWh.

Finally, the San Diego Gas & Electric Company (SDG&E) planning area forecasts in the Ruling reflected an older version of the 2019 IEPR that was later modified by the CEC. The SDG&E planning area portions of Table 1 and Attachment A in the ruling should have been updated to reflect the forecasts from the March 4, 2020 version of the IEPR Form 1.1c.

To correct these errors, Table 1 and Attachment A from the April 15, 2020 Ruling are reproduced in corrected form in this ruling, to finalize the load forecasts and GHG benchmarks for all LSEs to use in preparing their individual IRP filings.

Table 1. Load Forecast and GHG Emissions Benchmarks by LSE

LSE	Proportion of 2030 emissions inclusive of industrial load*	2030 Load (GWh)	Proportion of 2030 Load within IOU Territory	2030 GHG emissions benchmark (MMT) -- 46 MMT scenario	2030 GHG emissions benchmark (MMT) -- 38 MMT scenario
Bear Valley Electric Service	0.06%	123	NA	0.027	0.022
Liberty Utilities	0.26%	565	NA	0.117	0.097
PacifiCorp	0.75%	746	NA	0.343	0.284
PG&E Area					
Bundled	33.84%	26,777	35.20%	5.479	4.526
Direct Access		11,400	14.99%	2.333	1.927
Butte Choice Energy		924	1.21%	0.189	0.156
CleanPowerSF		3,073	4.04%	0.629	0.520
East Bay Community Energy		6,910	9.08%	1.414	1.168
King City Community Energy		29	0.04%	0.006	0.005
Marin Clean Energy		5,987	7.87%	1.225	1.012
Monterey Bay Community Power		4,140	5.44%	0.847	0.700
Peninsula Clean Energy Authority		3,560	4.68%	0.729	0.602
Pioneer Community Energy		1,141	1.50%	0.234	0.193
Redwood Coast Energy Authority		628	0.82%	0.128	0.106
San Jose Clean Energy		4,449	5.85%	0.910	0.752
Silicon Valley Clean Energy		3,979	5.23%	0.814	0.673
Sonoma Clean Power		2,309	3.04%	0.472	0.390
Valley Clean Energy Alliance	761	1.00%	0.156	0.129	
SCE Area					
Bundled	33.17%	54,393	63.49%	9.687	8.003
Direct Access		13,450	15.70%	2.395	1.979
Apple Valley Choice Energy		238	0.28%	0.042	0.035
Baldwin Park, City of		246	0.29%	0.044	0.036
Commerce, City of		401	0.47%	0.071	0.059
Hanford, City of		0	0.00%	0.000	0.000
Palmdale, City of		223	0.26%	0.040	0.033

LSE	Proportion of 2030 emissions inclusive of industrial load*	2030 Load (GWh)	Proportion of 2030 Load within IOU Territory	2030 GHG emissions benchmark (MMT) -- 46 MMT scenario	2030 GHG emissions benchmark (MMT) -- 38 MMT scenario
Pomona, City of		417	0.49%	0.074	0.061
Clean Power Alliance		11,867	13.85%	2.113	1.746
Desert Community Energy		581	0.68%	0.103	0.085
Lancaster Choice Energy		562	0.66%	0.100	0.083
Monterey Bay Community Power		674	0.79%	0.120	0.099
Pico Rivera Innovative Municipal Energy		246	0.29%	0.044	0.036
Rancho Mirage Energy Authority		269	0.31%	0.048	0.040
San Jacinto Power		162	0.19%	0.029	0.024
Santa Barbara Clean Energy		338	0.39%	0.060	0.050
Western Community Energy		1,607	1.88%	0.286	0.237
SDG&E Area					
Bundled	8.84%	5,585	30.67%	1.247	1.031
Direct Access		3,940	21.63%	0.880	0.727
Clean Energy Alliance		968	5.31%	0.216	0.179
Solana Energy Alliance		0	0.00%	0.000	0.000
San Diego Community Power		7,719	42.38%	1.724	1.424

* Since each LSE's IRP should reflect its total electricity demand, the estimated 2030 GHG emissions associated with each utility's industrial load are included in its share of total 2030 GHG emissions. More information is available here: https://ww3.arb.ca.gov/cc/sb350/staffreport_sb350_irp.pdf.

IT IS RULED that:

1. All load serving entities shall, in preparing their individual integrated resource plans due on September 1, 2020, according to the requirements of Decision 20-03-028, plan for their load forecasts and greenhouse gas benchmarks given in Table 1 and Attachment A of this ruling.

Dated May 20, 2020, at San Francisco, California.

/s/ JULIE A. FITCH
Julie A. Fitch
Administrative Law Judge

ATTACHMENT A

Attachment A. Load Forecasts (in Gigawatt Hours) by Load-Serving Entity From 2020 through 2030

LSE	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pacific Gas and Electric (PG&E) Planning Area											
PG&E (Bundled)	32,243	28,904	27,188	27,035	27,035	27,050	27,065	27,057	27,057	26,909	26,777
PG&E (Direct Access)	9,400	10,900	11,400	11,400	11,400	11,400	11,400	11,400	11,400	11,400	11,400
Butte Choice Energy	-	448	922	920	922	923	924	924	924	924	924
CleanPowerSF	3,116	3,083	3,066	3,061	3,065	3,069	3,071	3,071	3,073	3,072	3,073
East Bay Community Energy	7,535	6,666	6,894	6,881	6,890	6,900	6,906	6,906	6,908	6,907	6,910
King City Community Power	30	30	29	29	29	29	29	29	29	29	29
Marin Clean Energy	5,094	5,490	5,669	5,658	5,653	5,653	5,661	5,669	5,696	5,828	5,987
Monterey Bay Community Power	3,133	4,152	4,130	4,123	4,129	4,134	4,138	4,137	4,139	4,138	4,140
Peninsula Clean Energy Authority	3,610	3,571	3,552	3,546	3,550	3,555	3,558	3,558	3,560	3,559	3,560
Pioneer Community Energy	1,157	1,145	1,139	1,137	1,138	1,140	1,141	1,140	1,141	1,141	1,141
Redwood Coast Energy Authority	638	630	627	626	627	627	628	628	628	628	628
San Jose Clean Energy	4,510	4,462	4,438	4,431	4,436	4,442	4,446	4,446	4,448	4,447	4,449
Silicon Valley Clean Energy	4,061	3,991	3,969	3,962	3,968	3,973	3,976	3,976	3,978	3,977	3,979
Sonoma Clean Power	2,377	2,360	2,312	2,312	2,311	2,309	2,307	2,306	2,306	2,307	2,309
Valley Clean Energy Alliance	706	765	761	759	760	761	761	761	761	761	761
Plumas Sierra Rural Electric Cooperative	141	139	139	138	138	139	139	139	139	139	139
Southern California Edison (SCE) Planning Area											
SCE (Bundled)	58,158	54,701	52,831	53,125	53,199	53,308	53,404	53,559	53,818	54,100	54,393
SCE (Direct Access)	11,000	11,940	13,450	13,450	13,450	13,450	13,450	13,450	13,450	13,450	13,450
Apple Valley Choice Energy	233	233	233	234	234	234	235	235	236	237	238
Baldwin Park, City of	16	241	241	242	242	242	243	243	244	245	246

LSE	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Commerce, City of	-	213	393	394	395	395	396	397	398	400	401
Hanford, City of	-	-	-	-	-	-	-	-	-	-	-
Palmdale, City of	49	218	218	219	219	220	220	220	221	222	223
Pomona, City of	43	409	409	410	411	411	412	413	414	416	417
Clean Power Alliance	11,639	11,626	11,616	11,663	11,675	11,693	11,708	11,733	11,775	11,820	11,867
Desert Community Energy	463	569	569	571	571	572	573	574	576	578	581
Lancaster Choice Energy	551	551	550	552	553	554	554	556	558	560	562
Monterey Bay Community Power	-	676	672	671	672	673	674	674	674	674	674
Pico Rivera Innovative Municipal Energy	241	241	240	241	242	242	242	243	244	245	246
Rancho Mirage Energy Authority	264	264	263	264	265	265	265	266	267	268	269
San Jacinto Power	159	159	159	159	159	160	160	160	161	161	162
Santa Barbara Clean Energy	-	211	331	332	333	333	334	334	336	337	338
Western Community Energy	1,285	1,575	1,574	1,580	1,582	1,584	1,586	1,589	1,595	1,601	1,607
Anza Electric Cooperative	57	57	57	57	57	57	57	57	57	58	58
Bear Valley Electric Service	120	120	120	121	121	121	121	121	122	122	123
San Diego Gas & Electric (SDG&E) Planning Area											
SDG&E (Bundled)	13,959	10,383	5,359	5,349	5,359	5,385	5,416	5,457	5,500	5,543	5,585
SDG&E (Direct Access	3,827	3,940	3,940	3,940	3,940	3,940	3,940	3,940	3,940	3,940	3,940
Clean Energy Alliance	-	144	929	927	929	933	938	946	953	960	968
Solana Energy Alliance	58	(expected to join Clean Energy Alliance in 2021)									
San Diego Community Power	-	3,227	7,407	7,393	7,406	7,442	7,485	7,541	7,601	7,660	7,719
Outside of California Independent System Operator (CAISO) Area											
Valley Electric Association	11	11	12	12	12	12	12	13	13	13	13

LSE	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PacifiCorp	730	727	728	728	729	730	732	735	738	742	746
Liberty Utilities	553	551	552	552	553	554	555	557	560	562	565
Surprise Valley Electrification Corp.	96	95	96	96	96	96	96	96	97	97	98

(end of Attachment A)