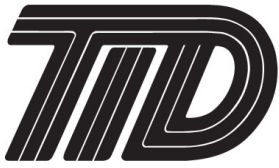


# WATER & POWER

Serving Central California since 1887

## Short Run Marginal Cost Daily Average

Date	On-Peak (\$/KWH)	Off-Peak (\$/KWH)	Date	On-Peak (\$/KWH)	Off-Peak (\$/KWH)	Date	On-Peak (\$/KWH)	Off-Peak (\$/KWH)
12/11/2024	0.056700	0.054880	11/8/2024	0.042936	0.045772	10/6/2024	-	0.059225
12/10/2024	-	-	11/7/2024	0.045819	0.045090	10/5/2024	-	0.058866
12/9/2024	0.049531	0.046432	11/6/2024	0.038847	0.038047	10/4/2024	0.053764	0.049503
12/8/2024	-	0.040844	11/5/2024	0.035292	0.035133	10/3/2024	0.072062	0.047212
12/7/2024	-	0.045403	11/4/2024	0.033686	0.036952	10/2/2024	0.080430	0.048705
12/6/2024	0.052016	0.050243	11/3/2024	-	0.019692	10/1/2024	0.071571	0.050424
12/5/2024	0.050533	0.049779	11/2/2024	-	0.030052	9/30/2024	0.048142	0.040477
12/4/2024	0.051681	0.049650	11/1/2024	0.038338	0.043718	9/29/2024	-	0.034694
12/3/2024	0.052951	0.050379	10/31/2024	0.049684	0.048782	9/28/2024	-	0.035958
12/2/2024	0.055980	0.057035	10/30/2024	0.051981	0.054695	9/27/2024	0.041687	0.035652
12/1/2024	-	0.052245	10/29/2024	0.045013	0.046895	9/26/2024	0.038342	0.036631
11/30/2024	-	0.047599	10/28/2024	0.042066	0.040853	9/25/2024	0.034308	0.035322
11/29/2024	0.047648	0.045640	10/27/2024	-	0.039791	9/24/2024	0.046259	0.036413
11/28/2024	-	0.044638	10/26/2024	-	0.043535	9/23/2024	0.042897	0.035616
11/27/2024	0.050058	0.046981	10/25/2024	0.048779	0.047341	9/22/2024	-	0.036677
11/26/2024	0.052809	0.049157	10/24/2024	0.044161	0.040497	9/21/2024	-	0.030433
11/25/2024	0.066514	0.053714	10/23/2024	0.040151	0.039295	9/20/2024	0.030459	0.033283
11/24/2024	-	0.049678	10/22/2024	0.040794	0.038651	9/19/2024	0.031696	0.034623
11/23/2024	-	0.044694	10/21/2024	0.037741	0.036876	9/18/2024	0.036001	0.034804
11/22/2024	0.058978	0.051571	10/20/2024	-	0.034022	9/17/2024	0.022568	0.028163
11/21/2024	0.060384	0.052729	10/19/2024	-	0.033361	9/16/2024	0.027328	0.031049
11/20/2024	0.055140	0.050529	10/18/2024	0.033837	0.038215	9/15/2024	-	0.023878
11/19/2024	0.056156	0.054335	10/17/2024	0.037377	0.040749	9/14/2024	-	0.026200
11/18/2024	0.037881	0.036755	10/16/2024	0.045324	0.044636	9/13/2024	0.030838	0.029785
11/17/2024	-	0.038315	10/15/2024	0.050389	0.046055	9/12/2024	0.021808	0.026010
11/16/2024	-	0.040506	10/14/2024	0.045018	0.040907	9/11/2024	0.025489	0.028585
11/15/2024	0.044600	0.043688	10/13/2024	-	0.040825	9/10/2024	0.036003	0.033278
11/14/2024	0.041859	0.042456	10/12/2024	-	0.041971	9/9/2024	0.047272	0.035811
11/13/2024	0.044457	0.041308	10/11/2024	0.049803	0.047073	9/8/2024	-	0.038422
11/12/2024	0.038272	0.036607	10/10/2024	0.062667	0.050833	9/7/2024	-	0.042378
11/11/2024	-	0.034246	10/9/2024	0.071052	0.054325	9/6/2024	0.075136	0.040210
11/10/2024	-	0.035353	10/8/2024	0.071884	0.055158	9/5/2024	0.170601	0.045048
11/9/2024	-	0.037921	10/7/2024	0.093649	0.057862	9/4/2024	0.095654	0.038429

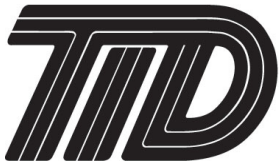


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9/3/2024	0.048887	0.032799	8/1/2024	0.080873	0.046322	6/29/2024	-	0.033180
9/2/2024	-	0.030268	7/31/2024	0.052971	0.038573	6/28/2024	0.036337	0.034162
9/1/2024	-	0.031028	7/30/2024	0.035568	0.031647	6/27/2024	0.036410	0.033719
8/31/2024	-	0.030120	7/29/2024	0.039200	0.035171	6/26/2024	0.040946	0.037304
8/30/2024	0.035097	0.029111	7/28/2024	-	0.032160	6/25/2024	0.049610	0.040535
8/29/2024	0.035291	0.031007	7/27/2024	-	0.037100	6/24/2024	0.044788	0.034612
8/28/2024	0.038196	0.030426	7/26/2024	0.059798	0.045137	6/23/2024	-	0.032182
8/27/2024	0.039498	0.028983	7/25/2024	0.083978	0.046147	6/22/2024	-	0.033295
8/26/2024	0.037636	0.030645	7/24/2024	0.083717	0.046676	6/21/2024	0.034097	0.028374
8/25/2024	-	0.020277	7/23/2024	0.101049	0.048263	6/20/2024	0.023449	0.023761
8/24/2024	-	0.016202	7/22/2024	0.064478	0.041186	6/19/2024	0.016491	0.021543
8/23/2024	0.024351	0.027499	7/21/2024	-	0.042227	6/18/2024	0.023081	0.021684
8/22/2024	0.031144	0.031861	7/20/2024	-	0.046227	6/17/2024	0.011087	0.017787
8/21/2024	0.036363	0.030541	7/19/2024	0.064414	0.041687	6/16/2024	-	0.007335
8/20/2024	0.037766	0.031395	7/18/2024	0.052537	0.039323	6/15/2024	-	0.015502
8/19/2024	0.039602	0.033279	7/17/2024	0.045282	0.036118	6/14/2024	0.021677	0.021185
8/18/2024	-	0.031283	7/16/2024	0.047191	0.038457	6/13/2024	0.025454	0.026163
8/17/2024	-	0.032033	7/15/2024	0.041990	0.033894	6/12/2024	0.028951	0.025464
8/16/2024	0.041572	0.032824	7/14/2024	-	0.035586	6/11/2024	0.018311	0.022653
8/15/2024	0.034926	0.030297	7/13/2024	-	0.036406	6/10/2024	0.018108	0.022229
8/14/2024	0.036093	0.031166	7/12/2024	0.063696	0.042975	6/9/2024	-	0.010907
8/13/2024	0.033123	0.030631	7/11/2024	0.161984	0.050589	6/8/2024	-	0.018910
8/12/2024	0.036591	0.032964	7/10/2024	0.127468	0.047746	6/7/2024	0.025783	0.023365
8/11/2024	-	0.032739	7/9/2024	0.083642	0.042128	6/6/2024	0.025668	0.023081
8/10/2024	-	0.034912	7/8/2024	0.071163	0.038279	6/5/2024	0.026507	0.025397
8/9/2024	0.043387	0.034590	7/7/2024	-	0.035478	6/4/2024	0.023816	0.021675
8/8/2024	0.047844	0.037199	7/6/2024	-	0.042717	6/3/2024	0.019682	0.022384
8/7/2024	0.058036	0.040577	7/5/2024	0.068470	0.040358	6/2/2024	-	0.011110
8/6/2024	0.103982	0.044703	7/4/2024	-	0.041775	6/1/2024	-	0.007296
8/5/2024	0.103140	0.048040	7/3/2024	0.056836	0.038303	5/31/2024	0.033854	0.026078
8/4/2024	-	0.052598	7/2/2024	0.051444	0.039273	5/30/2024	0.034460	0.028296
8/3/2024	-	0.062121	7/1/2024	0.043336	0.034508	5/29/2024	0.011146	0.012627
8/2/2024	0.096190	0.052753	6/30/2024	-	0.031070	5/28/2024	0.015844	0.023777



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5/27/2024	-	0.017113	4/24/2024	0.014384	0.026003	3/22/2024	0.020787	0.034716
5/26/2024	-	0.002413	4/23/2024	0.019293	0.030487	3/21/2024	0.023870	0.030706
5/25/2024	-	-0.003887	4/22/2024	0.025134	0.029475	3/20/2024	0.019094	0.032228
5/24/2024	-0.004537	0.011014	4/21/2024	-	0.012143	3/19/2024	0.023196	0.032771
5/23/2024	0.006410	0.008312	4/20/2024	-	0.017410	3/18/2024	0.029258	0.040859
5/22/2024	0.007103	0.006958	4/19/2024	0.012466	0.028371	3/17/2024	-	0.029326
5/21/2024	0.009257	0.015104	4/18/2024	0.023759	0.030697	3/16/2024	-	0.032681
5/20/2024	0.010632	0.016920	4/17/2024	0.019993	0.029012	3/15/2024	0.028497	0.035089
5/19/2024	-	0.000764	4/16/2024	0.013708	0.027044	3/14/2024	0.023150	0.036762
5/18/2024	-	0.006040	4/15/2024	0.013181	0.026483	3/13/2024	0.017832	0.031499
5/17/2024	0.012161	0.009954	4/14/2024	-	0.023799	3/12/2024	0.015874	0.030778
5/16/2024	0.018213	0.015773	4/13/2024	-	0.037700	3/11/2024	0.034607	0.036815
5/15/2024	0.030587	0.028729	4/12/2024	0.032772	0.036617	3/10/2024	-	0.032185
5/14/2024	0.035784	0.031907	4/11/2024	0.032608	0.037403	3/9/2024	-	0.033193
5/13/2024	0.029920	0.028469	4/10/2024	0.038771	0.040158	3/8/2024	0.035589	0.042799
5/12/2024	-	0.018707	4/9/2024	0.026138	0.035669	3/7/2024	0.041084	0.045011
5/11/2024	-	0.031970	4/8/2024	0.027943	0.035527	3/6/2024	0.046129	0.045659
5/10/2024	0.040429	0.034566	4/7/2024	-	0.031258	3/5/2024	0.045143	0.044169
5/9/2024	0.022058	0.028360	4/6/2024	-	0.028386	3/4/2024	0.036729	0.038574
5/8/2024	0.012914	0.022003	4/5/2024	0.029380	0.037631	3/3/2024	-	0.037750
5/7/2024	0.003774	0.017937	4/4/2024	0.043117	0.045949	3/2/2024	-	0.036066
5/6/2024	0.008178	0.022548	4/3/2024	0.027317	0.034169	3/1/2024	0.040379	0.036237
5/5/2024	-	0.008184	4/2/2024	0.020877	0.035093	2/29/2024	0.032722	0.031571
5/4/2024	-	0.029575	4/1/2024	0.023158	0.037221	2/28/2024	0.024839	0.030679
5/3/2024	0.021594	0.028335	3/31/2024	-	0.023299	2/27/2024	0.032119	0.033675
5/2/2024	0.023881	0.030783	3/30/2024	-	0.031963	2/26/2024	0.033689	0.030380
5/1/2024	0.021731	0.029775	3/29/2024	0.032821	0.035051	2/25/2024	-	0.021743
4/30/2024	0.015250	0.025110	3/28/2024	0.027527	0.035751	2/24/2024	-	0.026954
4/29/2024	0.007867	0.022465	3/27/2024	0.030763	0.035905	2/23/2024	0.036936	0.038309
4/28/2024	-	0.005375	3/26/2024	0.012679	0.026741	2/22/2024	0.039518	0.040081
4/27/2024	-	0.005803	3/25/2024	0.017827	0.028506	2/21/2024	0.040034	0.039327
4/26/2024	0.009551	0.022789	3/24/2024	-	0.012975	2/20/2024	0.048031	0.042368
4/25/2024	0.018603	0.028789	3/23/2024	-	0.019074	2/19/2024	-	0.044104



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2/18/2024	-	0.041515	1/16/2024	0.218380	0.217847	12/14/2023	0.065620	0.064145
2/17/2024	-	0.043699	1/15/2024	0.220153	0.205690	12/13/2023	0.060242	0.060311
2/16/2024	0.046588	0.045725	1/14/2024	-	0.185217	12/12/2023	0.060704	0.059085
2/15/2024	0.045270	0.045092	1/13/2024	-	0.184063	12/11/2023	0.063317	0.059008
2/14/2024	0.048353	0.046869	1/12/2024	0.097708	0.089783	12/10/2023	-	0.049265
2/13/2024	0.045239	0.047153	1/11/2024	0.095074	0.088530	12/9/2023	-	0.048552
2/12/2024	0.048044	0.049127	1/10/2024	0.079142	0.072905	12/8/2023	0.060056	0.054443
2/11/2024	-	0.044088	1/9/2024	0.063794	0.070151	12/7/2023	0.062252	0.054869
2/10/2024	-	0.044840	1/8/2024	0.101303	0.092200	12/6/2023	0.065367	0.062085
2/9/2024	0.048671	0.050885	1/7/2024	-	0.068036	12/5/2023	0.070130	0.060363
2/8/2024	0.045943	0.043529	1/6/2024	-	0.066211	12/4/2023	0.069831	0.062719
2/7/2024	0.049021	0.045219	1/5/2024	0.064086	0.063447	12/3/2023	-	0.052798
2/6/2024	0.047852	0.048191	1/4/2024	0.053183	0.050806	12/2/2023	-	0.051600
2/5/2024	0.055071	0.049991	1/3/2024	0.050442	0.049473	12/1/2023	0.062810	0.063413
2/4/2024	-	0.045658	1/2/2024	0.050991	0.048353	11/30/2023	0.082560	0.076629
2/3/2024	-	0.042247	1/1/2024	-	0.044100	11/29/2023	0.087482	0.086042
2/2/2024	0.039924	0.041320	12/31/2023	-	0.044013	11/28/2023	0.082464	0.084790
2/1/2024	0.047891	0.043934	12/30/2023	-	0.042787	11/27/2023	0.067231	0.065197
1/31/2024	0.044447	0.042593	12/29/2023	0.045801	0.043817	11/26/2023	-	0.056935
1/30/2024	0.043738	0.040793	12/28/2023	0.047298	0.045815	11/25/2023	-	0.052092
1/29/2024	0.048511	0.047004	12/27/2023	0.049538	0.043661	11/24/2023	0.048570	0.046755
1/28/2024	-	0.044474	12/26/2023	0.048674	0.045459	11/23/2023	-	0.049441
1/27/2024	-	0.047501	12/25/2023	-	0.045206	11/22/2023	0.060679	0.056155
1/26/2024	0.055589	0.055397	12/24/2023	-	0.044440	11/21/2023	0.065181	0.060248
1/25/2024	0.050657	0.049311	12/23/2023	-	0.042899	11/20/2023	0.066161	0.061293
1/24/2024	0.060062	0.054934	12/22/2023	0.044530	0.044607	11/19/2023	-	0.043337
1/23/2024	0.054329	0.050374	12/21/2023	0.051390	0.046815	11/18/2023	-	0.060013
1/22/2024	0.068501	0.059256	12/20/2023	0.057278	0.050189	11/17/2023	0.076659	0.067376
1/21/2024	-	0.049830	12/19/2023	0.055813	0.048469	11/16/2023	0.078028	0.069533
1/20/2024	-	0.055565	12/18/2023	0.065323	0.058857	11/15/2023	0.079367	0.070092
1/19/2024	0.069293	0.065219	12/17/2023	-	0.052670	11/14/2023	0.070119	0.064458
1/18/2024	0.069580	0.062621	12/16/2023	-	0.051482	11/13/2023	0.061774	0.051280
1/17/2024	0.076192	0.081662	12/15/2023	0.060593	0.059853	11/12/2023	-	0.044537