

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/31/2019

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL	18.29	15.83	17.54	14.56	15.07	14.82	17.68	20.58	19.28	20.63	21.13	20.53	20.99	20.42	20.05	21.65	23.37	29.77	27.74	25.11	22.04	19.95	19.24	20.14
61757	0.41	0.41	0.39	0.41	0.43	0.57	0.86	0.93	1.10	1.11	1.14	1.08	1.08	1.04	1.01	1.04	1.16	1.21	1.20	1.00	0.99	0.85	0.84	0.43
	-8.71	-6.68	-8.63	-5.22	-5.73	-2.71	-2.76	-5.12	-1.30	-2.50	-2.96	-2.78	-4.07	-3.62	-3.71	-5.16	-4.91	-11.08	-9.15	-8.97	-6.12	-4.48	-3.82	-10.46
CENTRL	10.34	9.65	9.66	9.64	9.68	11.94	14.39	15.27	17.13	17.46	17.52	17.09	16.42	16.28	15.86	16.14	18.07	19.10	18.76	16.41	15.85	15.26	15.06	10.61
61754	0.06	0.06	0.05	0.05	0.04	0.06	-0.01	0.09	0.08	0.12	0.12	0.07	0.06	0.06	0.06	0.03	0.16	0.21	0.21	0.14	0.13	0.07	0.00	0.05
	-1.11	-0.85	-1.10	-0.66	-0.73	-0.34	-0.35	-0.65	-0.16	-0.32	-0.37	-0.35	-0.51	-0.46	-0.47	-0.65	-0.62	-1.40	-1.16	-1.14	-0.77	-0.57	-0.49	-1.33
DUNWOD	16.31	14.33	15.56	13.44	13.79	14.38	17.22	19.53	19.58	20.66	20.98	20.45	20.42	20.02	19.60	20.83	22.74	27.59	26.04	23.39	21.04	19.39	18.72	17.73
61760	0.72	0.66	0.68	0.66	0.65	0.84	1.12	1.22	1.74	1.79	1.77	1.73	1.57	1.59	1.53	1.56	1.82	1.92	1.90	1.63	1.58	1.46	1.33	0.78
	-6.42	-4.93	-6.37	-3.85	-4.23	-2.00	-2.04	-3.77	-0.96	-1.84	-2.19	-2.05	-3.00	-2.67	-2.74	-3.81	-3.62	-8.18	-6.76	-6.62	-4.52	-3.30	-2.82	-7.72
GENESE	9.82	9.21	9.17	9.25	9.26	11.53	13.79	14.69	16.58	16.88	16.93	16.49	15.88	15.75	15.31	15.55	17.48	18.31	18.05	15.76	15.27	14.69	14.43	10.00
61753	-0.16	-0.15	-0.15	-0.16	-0.19	-0.26	-0.52	-0.32	-0.42	-0.37	-0.37	-0.43	-0.35	-0.35	-0.37	-0.39	-0.28	-0.21	-0.19	-0.21	-0.24	-0.35	-0.50	-0.21
	-0.81	-0.62	-0.80	-0.49	-0.53	-0.25	-0.26	-0.48	-0.12	-0.23	-0.28	-0.26	-0.38	-0.34	-0.35	-0.48	-0.46	-1.03	-0.85	-0.84	-0.57	-0.42	-0.36	-0.97
H Q	8.99	8.57	8.35	8.76	8.74	11.33	13.82	14.26	16.48	16.60	16.60	16.28	15.48	15.40	14.96	15.10	16.83	16.98	16.90	14.74	14.54	14.26	14.25	9.05
61844	-0.18	-0.17	-0.17	-0.17	-0.17	-0.21	-0.24	-0.28	-0.41	-0.42	-0.42	-0.38	-0.36	-0.36	-0.37	-0.35	-0.47	-0.51	-0.49	-0.39	-0.40	-0.37	-0.32	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	16.19	14.25	15.44	13.37	13.73	14.29	17.11	19.36	19.38	20.44	20.77	20.23	20.22	19.79	19.38	20.60	22.50	27.36	25.81	23.18	20.86	19.24	18.55	17.60
61758	0.62	0.60	0.59	0.62	0.61	0.76	1.03	1.06	1.54	1.58	1.57	1.52	1.38	1.37	1.32	1.34	1.59	1.71	1.69	1.44	1.42	1.32	1.17	0.67
	-6.40	-4.91	-6.34	-3.83	-4.21	-1.99	-2.03	-3.76	-0.95	-1.83	-2.18	-2.04	-2.99	-2.66	-2.73	-3.79	-3.61	-8.15	-6.73	-6.60	-4.50	-3.29	-2.81	-7.69
LONGIL	16.63	14.51	15.66	13.59	13.94	14.69	17.61	19.99	20.08	21.19	21.60	21.02	20.96	20.58	20.65	21.71	25.26	28.30	27.89	25.15	22.55	20.65	20.02	18.96
61762	1.03	0.84	0.77	0.81	0.80	1.15	1.52	1.67	2.23	2.32	2.38	2.30	2.11	2.14	2.10	2.15	2.49	2.61	2.56	2.23	2.17	2.06	2.01	1.21
	-6.43	-4.93	-6.37	-3.85	-4.23	-2.00	-2.04	-3.78	-0.96	-1.85	-2.19	-2.05	-3.01	-2.67	-3.22	-4.10	-5.47	-8.20	-7.95	-7.79	-5.44	-3.96	-3.44	-8.51
MHK VL	10.53	9.82	9.85	9.81	9.86	12.16	14.78	15.65	17.58	17.91	17.93	17.52	16.84	16.70	16.25	16.58	18.46	19.44	19.11	16.73	16.13	15.59	15.40	10.83
61756	0.18	0.17	0.17	0.18	0.18	0.25	0.35	0.42	0.52	0.54	0.53	0.50	0.47	0.47	0.44	0.46	0.54	0.54	0.56	0.45	0.42	0.40	0.31	0.18
	-1.18	-0.90	-1.17	-0.71	-0.77	-0.37	-0.37	-0.69	-0.18	-0.34	-0.38	-0.35	-0.52	-0.46	-0.47	-0.65	-0.62	-1.41	-1.16	-1.14	-0.78	-0.57	-0.52	-1.41
MILLWD	16.34	14.36	15.60	13.46	13.80	14.32	17.16	19.50	19.48	20.60	20.91	20.38	20.36	19.94	19.54	20.77	22.69	27.60	26.03	23.38	21.01	19.35	18.66	17.78
61759	0.66	0.62	0.63	0.63	0.61	0.75	1.04	1.13	1.62	1.70	1.67	1.63	1.47	1.47	1.43	1.45	1.71	1.82	1.79	1.53	1.49	1.37	1.22	0.71
	-6.51	-5.00	-6.45	-3.90	-4.29	-2.03	-2.07	-3.83	-0.97	-1.87	-2.22	-2.08	-3.04	-2.71	-2.78	-3.86	-3.68	-8.30	-6.85	-6.72	-4.58	-3.35	-2.86	-7.83
N.Y.C.	16.37	14.39	15.65	13.49	13.84	14.45	17.32	19.63	19.75	20.82	21.13	20.60	20.56	20.17	19.74	20.97	22.87	27.73	26.16	23.51	21.16	19.51	18.85	17.82
61761	0.78	0.73	0.77	0.71	0.70	0.91	1.22	1.32	1.91	1.96	1.92	1.88	1.71	1.73	1.67	1.70	1.95	2.06	2.02	1.75	1.70	1.58	1.46	0.86
	-6.42	-4.93	-6.36	-3.85	-4.23	-2.00	-2.04	-3.77	-0.96	-1.84	-2.18	-2.05	-3.00	-2.67	-2.74	-3.81	-3.62	-8.18	-6.75	-6.62	-4.52	-3.30	-2.82	-7.72
NORTH	8.88	8.47	8.24	8.66	8.66	11.25	13.75	14.20	16.36	16.45	16.45	16.18	15.42	15.32	14.89	15.06	16.62	16.75	16.64	14.57	14.34	14.07	14.02	8.92
61755	-0.29	-0.27	-0.27	-0.27	-0.25	-0.29	-0.31	-0.33	-0.52	-0.58	-0.58	-0.48	-0.43	-0.44	-0.45	-0.40	-0.67	-0.73	-0.75	-0.56	-0.60	-0.56	-0.55	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	17.27	15.06	16.50	14.00	14.43	15.36	19.20	20.10	21.30	22.10	21.80	20.92	20.65	20.17	19.78	21.15	23.80	28.48	26.71	24.13	21.46	19.63	18.94	18.85
61845	0.61	0.58	0.56	0.59	0.59	0.75	1.01	1.09	1.40	1.43	1.43	1.38	1.30	1.29	1.26	1.25	1.45	1.45	1.44	1.27	1.26	1.16	1.08	0.61
	-7.49	-5.75	-7.42	-4.49	-4.93	-3.07	-4.13	-4.47	-3.02	-3.64	-3.34	-2.87	-3.50	-3.11	-3.19	-4.44	-5.05	-9.54	-7.88	-7.72	-5.27	-3.85	-3.29	-9.00

OH 61846	9.83	9.19	9.20	9.17	9.19	11.25	13.33	14.33	15.96	16.29	16.32	15.88	15.35	15.22	14.81	15.04	16.85	17.85	17.55	15.38	14.82	14.21	13.91	9.99
	-0.38	-0.35	-0.35	-0.37	-0.41	-0.61	-1.05	-0.81	-1.08	-1.04	-1.06	-1.12	-0.98	-0.98	-0.97	-1.04	-1.04	-0.96	-0.94	-0.83	-0.85	-0.95	-1.12	-0.50
	-1.04	-0.80	-1.03	-0.62	-0.69	-0.32	-0.33	-0.61	-0.16	-0.30	-0.35	-0.33	-0.49	-0.43	-0.44	-0.62	-0.59	-1.33	-1.10	-1.07	-0.73	-0.54	-0.46	-1.25
PJM 61847	13.35	11.98	12.65	11.51	11.70	12.98	15.52	17.21	17.98	18.70	18.88	18.41	18.13	17.85	17.43	18.20	20.08	23.17	22.17	19.74	18.22	17.07	16.57	14.21
	0.23	0.21	0.22	0.21	0.19	0.21	0.21	0.35	0.51	0.54	0.51	0.48	0.44	0.44	0.41	0.40	0.55	0.65	0.63	0.53	0.51	0.41	0.26	0.22
	-3.95	-3.03	-3.91	-2.37	-2.60	-1.23	-1.25	-2.32	-0.59	-1.13	-1.34	-1.26	-1.85	-1.64	-1.68	-2.34	-2.23	-5.03	-4.16	-4.07	-2.78	-2.03	-1.74	-4.75
WEST 61752	10.00	9.35	9.37	9.35	9.36	11.47	13.63	14.70	16.38	16.71	16.75	16.29	15.74	15.60	15.17	15.37	17.25	18.29	17.96	15.74	15.17	14.52	14.19	10.16
	-0.22	-0.19	-0.19	-0.20	-0.24	-0.39	-0.76	-0.45	-0.66	-0.61	-0.63	-0.72	-0.60	-0.60	-0.61	-0.71	-0.64	-0.54	-0.54	-0.48	-0.51	-0.64	-0.85	-0.34
	-1.05	-0.81	-1.04	-0.63	-0.69	-0.33	-0.33	-0.62	-0.16	-0.30	-0.36	-0.34	-0.49	-0.44	-0.45	-0.62	-0.59	-1.34	-1.11	-1.09	-0.74	-0.54	-0.46	-1.26