

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/01/2019

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	14.72	12.89	11.58	11.20	10.67	12.00	16.09	17.22	17.11	17.47	17.99	18.73	20.16	20.71	21.43	22.00	23.62	25.47	24.07	23.90	20.91	18.52	17.25	16.58
61757	1.13	0.89	0.84	0.81	0.77	0.85	1.25	1.42	1.34	1.40	1.42	1.45	1.58	1.61	1.62	1.63	1.79	1.98	1.89	1.92	1.62	1.61	1.48	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	-0.11	-0.10	-0.21	-0.22	-0.21	-0.17	-0.17	-0.24	-0.17	-0.04	0.00
CENTRL	13.85	12.20	10.90	10.53	10.07	11.36	15.31	16.33	16.32	16.61	17.11	17.88	19.28	19.68	20.46	20.97	22.57	24.39	22.77	22.58	19.72	17.25	16.12	15.68
61754	0.26	0.19	0.16	0.15	0.17	0.21	0.46	0.54	0.55	0.53	0.56	0.60	0.71	0.68	0.75	0.77	0.80	0.84	0.70	0.70	0.67	0.50	0.39	0.37
	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	-0.05	-0.17	-0.27	-0.05	-0.07	0.00	0.00	0.00	0.00
DUNWOD	14.96	13.09	11.68	11.31	10.75	12.15	16.41	17.53	17.61	17.99	19.11	19.46	20.84	23.82	24.44	27.61	29.63	31.16	29.41	29.26	28.05	23.56	18.82	17.16
61760	1.37	1.08	0.95	0.92	0.85	1.00	1.56	1.74	1.84	1.91	2.00	2.09	2.27	2.32	2.42	2.50	2.68	2.86	2.66	2.66	2.34	2.11	1.97	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57	-0.09	0.00	-2.51	-2.30	-4.95	-5.35	-5.01	-4.74	-4.79	-6.66	-4.70	-1.13	0.00
GENESE	13.67	12.05	10.78	10.41	9.96	11.25	15.47	17.05	17.14	17.46	17.97	18.89	20.36	20.76	21.68	22.09	23.42	25.21	23.87	23.56	20.72	17.97	16.57	15.59
61753	0.08	0.05	0.04	0.02	0.06	0.10	0.34	0.58	0.66	0.64	0.64	0.74	0.76	0.70	0.81	0.85	0.91	0.98	0.88	0.87	0.95	0.64	0.41	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.67	-0.71	-0.74	-0.78	-0.87	-1.02	-1.06	-1.16	-1.08	-0.91	-0.95	-0.98	-0.88	-0.71	-0.59	-0.43	-0.06
H Q	13.12	11.67	10.44	10.10	9.62	10.83	14.63	14.83	15.17	15.47	15.91	16.60	17.83	18.23	18.93	19.33	20.70	22.29	21.13	20.94	18.27	16.04	15.03	14.68
61844	-0.48	-0.34	-0.30	-0.29	-0.28	-0.32	-0.56	-0.62	-0.60	-0.61	-0.63	-0.67	-0.74	-0.76	-0.79	-0.83	-0.89	-0.96	-0.88	-0.87	-0.78	-0.70	-0.66	-0.63
	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.04	0.00
HUD VL	14.82	12.95	11.58	11.21	10.66	12.04	16.27	17.30	17.33	17.70	18.72	19.10	20.43	23.08	23.73	26.57	28.54	30.11	28.41	28.24	26.84	22.59	18.41	16.98
61758	1.22	0.95	0.84	0.82	0.76	0.89	1.43	1.50	1.56	1.62	1.69	1.74	1.86	1.92	2.03	2.14	2.31	2.49	2.31	2.29	2.04	1.79	1.71	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	-0.08	0.00	-2.17	-1.98	-4.27	-4.63	-4.34	-4.09	-4.14	-5.75	-4.06	-0.97	0.00
LONGIL	15.28	13.43	12.08	11.70	11.13	12.56	20.64	23.39	22.56	22.69	22.78	23.33	23.52	24.74	25.09	28.27	30.48	32.81	36.00	39.16	30.77	26.18	23.20	20.00
61762	1.69	1.43	1.33	1.31	1.19	1.39	2.08	2.29	2.38	2.43	2.56	2.68	2.92	2.98	3.07	3.17	3.52	3.72	3.50	3.49	3.11	2.73	2.50	2.36
	0.00	0.00	-0.01	0.00	-0.04	-0.02	-3.71	-5.30	-4.41	-4.18	-3.68	-3.37	-2.03	-2.77	-2.30	-4.94	-5.36	-5.81	-10.49	-13.86	-8.61	-6.71	-4.97	-2.33
MHK VL	13.95	12.29	10.98	10.64	10.14	11.44	15.31	16.24	16.29	16.62	17.20	17.99	19.34	20.00	20.72	21.38	22.95	24.70	23.24	23.04	20.13	17.55	16.21	15.69
61756	0.35	0.29	0.25	0.25	0.24	0.29	0.46	0.44	0.52	0.55	0.61	0.71	0.76	0.82	0.83	0.85	0.93	0.93	0.86	0.85	0.61	0.47	0.41	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.01	0.00	-0.19	-0.17	-0.37	-0.42	-0.48	-0.37	-0.38	-0.47	-0.33	-0.08	0.00
MILLWD	14.88	13.01	11.63	11.26	10.69	12.08	16.33	17.46	17.50	17.89	18.99	19.34	20.69	23.64	24.24	27.39	29.43	30.98	29.28	29.11	27.89	23.39	18.71	17.07
61759	1.29	1.01	0.89	0.87	0.79	0.92	1.48	1.66	1.73	1.82	1.89	1.97	2.12	2.16	2.27	2.36	2.55	2.75	2.60	2.57	2.27	2.01	1.87	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-0.09	0.00	-2.48	-2.26	-4.87	-5.28	-4.95	-4.68	-4.73	-6.57	-4.64	-1.11	0.00
N.Y.C.	15.14	13.19	11.77	11.41	10.82	12.22	16.52	17.69	17.85	18.78	19.82	20.83	24.96	26.06	26.13	28.43	29.91	31.44	29.81	29.73	28.46	23.80	19.11	17.37
61761	1.55	1.19	1.03	1.02	0.92	1.07	1.68	1.89	2.02	2.11	2.20	2.30	2.51	2.56	2.68	2.76	2.96	3.14	2.95	2.94	2.57	2.31	2.17	2.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.60	-1.08	-1.25	-3.87	-4.50	-3.74	-5.50	-5.35	-5.02	-4.85	-4.98	-6.84	-4.74	-1.22	-0.01
NORTH	12.94	11.56	10.34	10.00	9.53	10.72	14.03	14.93	14.98	15.24	15.65	16.32	17.48	17.89	18.51	18.91	20.14	21.57	20.69	20.48	17.85	15.62	14.40	14.25
61755	-0.65	-0.44	-0.40	-0.38	-0.37	-0.44	-0.82	-0.87	-0.79	-0.84	-0.89	-0.95	-1.10	-1.10	-1.20	-1.25	-1.40	-1.51	-1.32	-1.33	-1.20	-1.12	-1.10	-1.06
	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	0.06	0.20	0.00	0.00	0.00	0.00	0.23	0.00
NPX	17.41	15.51	14.62	14.96	15.32	17.71	23.20	21.40	21.69	19.40	19.60	21.05	21.03	23.28	23.83	26.61	28.57	30.16	28.48	28.30	26.92	22.74	19.47	19.05
61845	1.31	1.02	0.91	0.89	0.82	0.95	1.47	1.64	1.69	1.77	1.84	1.90	2.06	2.09	2.11	2.14	2.29	2.49	2.38	2.36	2.11	1.94	1.82	1.71
	-2.51	-2.48	-2.97	-3.68	-4.60	-5.61	-6.88	-3.96	-4.23	-1.56	-1.22	-1.87	-0.39	-2.20	-2.00	-4.32	-4.68	-4.39	-4.09	-4.14	-5.75	-4.06	-1.92	-2.02

OH 61846	12.66	10.72	10.09	10.00	10.00	11.09	14.61	14.99	15.39	15.56	15.88	16.54	17.69	17.98	18.71	19.46	21.50	22.94	20.89	20.90	18.67	16.35	15.37	14.69
	0.07	0.07	0.08	0.06	0.11	0.13	0.37	0.66	0.80	0.71	0.63	0.71	0.80	0.74	0.91	0.93	0.93	0.81	0.51	0.55	0.80	0.59	0.36	0.12
	1.00	1.36	0.72	0.45	0.01	0.19	0.61	1.47	1.18	1.22	1.29	1.44	1.69	1.76	1.92	1.63	1.03	1.16	1.62	1.45	1.18	0.98	0.72	0.74
PJM 61847	14.31	12.58	11.25	10.89	10.39	11.72	17.31	19.29	19.86	20.28	21.20	22.18	24.26	25.87	27.01	29.01	31.23	32.67	29.60	29.07	26.52	22.61	19.12	16.58
	0.72	0.58	0.52	0.50	0.49	0.57	0.98	1.15	1.23	1.21	1.22	1.28	1.43	1.41	1.58	1.63	1.71	1.72	1.43	1.48	1.47	1.27	1.12	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	-1.48	-2.34	-2.86	-3.00	-3.43	-3.63	-4.25	-5.47	-5.71	-7.22	-7.93	-7.67	-6.16	-5.78	-6.00	-4.59	-2.28	-0.26
WEST 61752	14.00	12.38	11.09	10.70	10.27	11.61	20.56	28.53	29.38	29.97	31.07	33.43	37.42	38.46	41.00	42.00	44.55	46.00	39.94	38.00	32.70	28.00	24.00	17.00
	0.41	0.37	0.35	0.31	0.37	0.46	0.92	1.33	1.50	1.40	1.32	1.43	1.56	1.52	1.70	1.71	1.73	1.68	1.32	1.33	1.54	1.21	0.91	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	-4.79	-11.41	-12.11	-12.50	-13.20	-14.73	-17.28	-17.94	-19.59	-20.13	-21.22	-21.04	-16.61	-14.86	-12.10	-10.05	-7.36	-1.09