

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/24/2017

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	17.18	16.93	17.80	16.68	16.97	16.72	18.56	19.33	21.62	22.39	21.54	22.06	22.21	22.86	22.72	23.44	24.48	27.35	25.63	24.89	25.41	23.55	21.83	21.12
61757	1.00	0.85	0.76	0.75	0.79	0.87	1.03	1.24	1.45	1.49	1.27	1.35	1.32	1.39	1.36	1.39	1.46	1.70	1.65	1.60	1.69	1.52	1.33	1.12
	-1.91	-3.58	-5.29	-4.26	-4.32	-2.81	-2.54	-0.32	-0.30	-0.44	-0.50	-0.54	-0.63	-0.70	-0.81	-0.95	-0.96	-0.62	-0.46	-0.36	-0.32	-0.04	-0.02	-2.44
CENTRL	15.00	13.23	12.55	12.35	12.56	13.63	15.62	18.21	20.33	21.10	20.65	21.01	21.35	21.83	21.73	22.30	23.28	25.55	24.02	23.36	23.84	22.28	20.68	18.02
61754	0.31	0.24	0.21	0.20	0.21	0.22	0.28	0.30	0.34	0.41	0.61	0.54	0.61	0.56	0.56	0.57	0.68	0.53	0.49	0.43	0.44	0.29	0.20	0.19
	-0.42	-0.49	-0.59	-0.48	-0.48	-0.36	-0.34	-0.14	-0.13	-0.24	-0.28	-0.29	-0.48	-0.51	-0.62	-0.63	-0.53	0.00	0.00	0.00	0.00	0.00	0.00	-0.27
DUNWOD	28.55	22.72	19.27	18.20	18.30	20.29	22.61	25.38	27.43	30.54	30.78	31.84	33.50	35.31	36.81	39.92	41.09	35.28	31.74	29.95	29.96	25.34	23.13	21.61
61760	1.63	1.41	1.33	1.31	1.33	1.45	1.68	2.10	2.44	2.58	2.41	2.46	2.49	2.55	2.49	2.55	2.69	3.15	3.01	2.91	2.95	2.88	2.62	2.16
	-12.66	-8.81	-6.20	-5.22	-5.10	-5.80	-5.94	-5.52	-5.12	-7.50	-8.60	-9.21	-10.74	-11.99	-13.77	-16.27	-16.34	-7.10	-5.21	-4.12	-3.62	-0.46	-0.03	-1.89
GENESE	14.47	12.77	12.15	11.96	12.18	13.18	15.11	17.63	19.75	20.40	20.12	20.39	20.61	21.05	20.85	21.37	22.49	25.05	23.55	22.88	23.28	21.71	20.07	17.47
61753	0.10	0.00	-0.04	-0.06	-0.04	-0.08	-0.07	-0.14	-0.12	-0.06	0.36	0.22	0.34	0.29	0.29	0.27	0.42	0.03	0.02	-0.05	-0.12	-0.29	-0.41	-0.30
	-0.10	-0.27	-0.44	-0.35	-0.36	-0.22	-0.19	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	-0.22
H Q	13.68	12.00	11.28	11.20	11.40	12.38	12.38	17.06	18.93	19.56	18.81	19.20	19.42	19.89	19.73	20.23	21.06	23.01	21.44	21.73	21.95	20.03	18.58	16.90
61844	-0.59	-0.50	-0.47	-0.47	-0.46	-0.51	-0.60	-0.71	-0.78	-0.82	-0.83	-0.85	-0.85	-0.87	-0.82	-0.87	-0.93	-1.00	-0.97	-0.92	-0.94	-0.86	-0.80	-0.65
	0.00	0.00	0.00	0.00	0.00	0.15	2.01	0.00	0.16	0.08	0.13	0.12	0.00	0.00	0.00	0.00	0.08	1.02	1.12	0.28	0.51	1.11	1.10	0.00
HUD VL	27.30	22.02	18.97	17.92	18.03	19.82	22.09	24.66	26.68	29.56	29.70	30.72	32.24	33.94	35.32	38.20	39.36	33.61	30.43	28.87	28.94	24.93	22.88	21.37
61758	1.48	1.31	1.24	1.23	1.25	1.34	1.56	1.90	2.19	2.31	2.15	2.22	2.25	2.33	2.30	2.38	2.51	2.95	2.77	2.68	2.67	2.57	2.37	1.93
	-11.55	-8.20	-5.98	-5.02	-4.92	-5.44	-5.54	-4.99	-4.63	-6.79	-7.78	-8.33	-9.72	-10.85	-12.46	-14.72	-14.78	-5.63	-4.13	-3.26	-2.87	-0.37	-0.03	-1.89
LONGIL	29.98	22.96	19.44	18.36	18.44	20.39	22.83	25.60	28.16	31.97	31.57	32.63	34.29	36.10	39.55	41.57	45.44	41.79	36.02	33.69	34.75	32.43	31.62	23.67
61762	2.10	1.64	1.49	1.46	1.47	1.54	1.89	2.31	3.16	3.40	3.18	3.23	3.26	3.32	3.29	3.40	3.60	4.18	3.91	3.78	3.79	3.65	3.32	2.72
	-13.61	-8.83	-6.20	-5.23	-5.11	-5.81	-5.95	-5.53	-5.13	-8.11	-8.62	-9.24	-10.76	-12.02	-15.71	-17.07	-19.77	-12.58	-8.59	-6.98	-7.56	-6.78	-7.82	-3.40
MHK VL	15.68	13.70	12.82	12.61	12.80	14.00	16.01	18.70	20.87	21.66	21.10	21.55	21.72	22.32	22.22	22.94	23.94	26.18	24.51	23.88	24.38	22.64	21.01	18.30
61756	0.33	0.32	0.29	0.29	0.30	0.35	0.43	0.53	0.64	0.65	0.71	0.71	0.67	0.68	0.66	0.65	0.68	0.70	0.66	0.69	0.75	0.61	0.53	0.46
	-1.08	-0.88	-0.78	-0.64	-0.64	-0.61	-0.58	-0.40	-0.37	-0.55	-0.63	-0.67	-0.78	-0.87	-1.00	-1.19	-1.19	-0.45	-0.33	-0.26	-0.23	-0.03	0.00	-0.29
MILLWD	28.39	22.64	19.24	18.18	18.27	20.22	22.51	25.23	27.27	30.35	30.60	31.65	33.29	35.08	36.61	39.71	40.88	35.10	31.55	29.77	29.81	25.24	23.02	21.53
61759	1.60	1.39	1.29	1.28	1.30	1.41	1.62	2.01	2.34	2.47	2.33	2.38	2.41	2.47	2.45	2.53	2.67	3.13	2.94	2.82	2.88	2.79	2.52	2.07
	-12.52	-8.75	-6.20	-5.22	-5.11	-5.77	-5.90	-5.45	-5.06	-7.41	-8.50	-9.10	-10.62	-11.85	-13.61	-16.08	-16.15	-6.94	-5.09	-4.02	-3.54	-0.45	-0.03	-1.91
N.Y.C.	28.77	22.91	19.43	18.37	18.46	20.43	22.77	25.97	28.02	30.93	32.61	33.47	34.99	36.19	37.34	40.33	41.33	36.20	33.34	31.86	31.31	27.65	25.50	22.25
61761	1.83	1.59	1.48	1.47	1.48	1.58	1.84	2.31	2.68	2.84	2.67	2.72	2.73	2.80	2.69	2.76	2.89	3.45	3.29	3.21	3.28	3.19	2.89	2.39
	-12.67	-8.82	-6.20	-5.23	-5.11	-5.81	-5.94	-5.90	-5.47	-7.63	-10.18	-10.58	-11.99	-12.63	-14.09	-16.47	-16.37	-7.72	-6.52	-5.72	-4.63	-2.46	-2.14	-2.31
NORTH	13.30	11.70	10.96	10.94	11.13	12.26	14.00	16.61	18.71	19.19	18.48	18.88	18.95	19.41	19.26	19.75	20.65	23.50	22.02	21.50	22.00	20.74	19.25	16.57
61755	-0.97	-0.80	-0.79	-0.73	-0.74	-0.78	-0.99	-1.15	-1.15	-1.27	-1.28	-1.29	-1.32	-1.35	-1.29	-1.35	-1.41	-1.53	-1.51	-1.42	-1.40	-1.25	-1.23	-0.98
	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	21.33	19.00	18.24	17.16	17.38	17.98	19.99	21.58	23.72	25.33	24.86	25.60	26.33	27.39	27.84	29.46	30.54	30.56	28.07	26.89	27.17	24.21	22.32	21.21
61845	1.21	1.06	0.97	0.96	1.00	1.08	1.26	1.58	1.79	1.84	1.62	1.71	1.72	1.79	1.73	1.79	1.87	2.18	2.09	2.02	2.06	2.00	1.82	1.47
	-5.84	-5.44	-5.52	-4.53	-4.52	-3.86	-3.74	-2.23	-2.07	-3.03	-3.47	-3.72	-4.34	-4.84	-5.56	-6.57	-6.60	-3.35	-2.46	-1.94	-1.71	-0.22	-0.02	-2.19

O H 61846	14.70 -0.03 -0.46	12.93 -0.11 -0.54	12.26 -0.14 -0.65	12.04 -0.16 -0.53	12.28 -0.12 -0.54	13.16 -0.29 -0.40	14.99 -0.37 -0.38	17.33 -0.59 -0.15	19.36 -0.60 -0.09	20.06 -0.43 -0.03	19.90 0.12 -0.01	20.11 -0.08 -0.02	19.82 0.06 0.51	20.24 -0.06 0.46	19.82 -0.06 0.68	20.61 -0.08 0.40	22.21 0.13 -0.01	24.40 -0.62 0.00	23.00 -0.52 0.00	22.35 -0.57 0.00	22.70 -0.70 0.00	21.11 -0.88 0.00	19.54 -0.94 0.00	17.19 -0.67 -0.30
PJM 61847	19.96 0.70 -4.99	16.72 0.56 -3.65	15.06 0.52 -2.79	14.51 0.50 -2.34	14.68 0.52 -2.30	15.98 0.50 -2.44	18.03 0.57 -2.47	20.56 0.62 -2.17	22.63 0.75 -2.01	24.34 0.88 -3.00	24.35 1.15 -3.44	24.90 1.05 -3.68	25.97 1.13 -4.57	26.91 1.10 -5.05	27.49 1.07 -5.87	28.92 1.10 -6.73	29.89 1.28 -6.55	28.69 1.10 -2.56	26.46 1.06 -1.88	25.42 1.01 -1.49	25.67 0.96 -1.30	22.98 0.79 -0.20	21.29 0.64 -0.18	19.12 0.60 -0.97
WEST 61752	15.01 0.30 -0.44	13.17 0.15 -0.52	12.46 0.08 -0.63	12.24 0.06 -0.51	12.50 0.12 -0.51	13.39 -0.04 -0.39	15.31 -0.04 -0.36	17.77 -0.14 -0.14	20.00 0.00 -0.13	21.50 0.20 -0.84	21.60 0.79 -1.04	21.87 0.60 -1.09	24.26 0.77 -3.22	24.64 0.66 -3.21	25.44 0.66 -4.22	25.27 0.63 -3.54	25.00 0.91 -2.03	25.13 0.10 0.00	23.64 0.12 0.00	22.88 -0.05 0.00	23.24 -0.16 0.00	21.55 -0.44 0.00	19.95 -0.53 0.00	17.49 -0.35 -0.29