

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/20/2015

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	17.15	15.10	12.79	12.99	14.64	18.29	26.08	33.00	29.92	30.91	32.83	34.85	32.70	31.88	31.82	31.30	30.18	30.81	29.60	32.87	35.89	28.55	22.07	19.18
61757	0.78	0.73	0.65	0.70	0.75	0.95	1.24	1.68	1.75	1.68	1.73	1.78	1.73	1.71	1.59	1.60	1.50	1.58	1.62	1.78	1.83	1.54	1.27	0.91
	-2.68	-1.48	-0.95	-0.21	-1.03	-1.81	-5.56	-5.05	-2.48	-3.70	-5.73	-6.86	-4.80	-4.73	-6.05	-4.80	-5.20	-5.33	-3.76	-5.35	-7.85	-3.32	0.00	-0.75
CENTRL	14.30	13.27	11.46	12.28	13.19	16.16	20.57	27.57	26.50	26.34	27.18	28.39	27.95	26.95	25.63	25.76	24.26	24.91	24.89	26.73	27.95	24.38	20.98	17.69
61754	0.25	0.19	0.15	0.18	0.19	0.39	0.54	0.71	0.51	0.38	0.58	0.55	0.52	0.46	0.39	0.30	0.19	0.29	0.24	0.36	0.60	0.31	0.19	0.09
	-0.36	-0.20	-0.13	-0.03	-0.14	-0.24	-0.75	-0.59	-0.29	-0.43	-1.22	-1.63	-1.25	-1.04	-1.08	-0.56	-0.60	-0.72	-0.44	-0.62	-1.14	-0.38	0.00	-0.09
DUNWOD	17.50	15.56	13.20	13.59	15.13	18.82	26.13	33.05	30.72	31.45	32.89	34.65	33.07	32.15	31.70	31.56	30.23	30.81	29.91	32.87	35.37	28.99	23.21	19.99
61760	1.62	1.47	1.24	1.34	1.43	1.80	2.29	2.97	3.16	3.14	3.20	3.28	3.27	3.13	2.97	3.04	2.84	2.89	2.86	3.09	3.25	2.79	2.41	1.91
	-2.19	-1.21	-0.78	-0.17	-0.85	-1.48	-4.55	-3.81	-1.87	-2.79	-4.32	-5.17	-3.62	-3.56	-4.56	-3.62	-3.92	-4.02	-2.84	-4.03	-5.92	-2.50	0.00	-0.56
GENESE	13.82	12.79	11.07	11.88	12.75	15.69	19.82	26.56	25.34	25.06	25.61	26.48	26.18	25.39	24.20	24.53	23.04	23.68	23.72	25.50	26.60	23.27	20.24	17.05
61753	-0.16	-0.25	-0.21	-0.22	-0.22	-0.03	-0.06	-0.18	-0.59	-0.82	-0.30	-0.37	-0.45	-0.51	-0.53	-0.82	-0.92	-0.72	-0.85	-0.75	-0.34	-0.73	-0.56	-0.54
	-0.28	-0.16	-0.10	-0.02	-0.11	-0.19	-0.59	-0.48	-0.23	-0.35	-0.54	-0.64	-0.45	-0.44	-0.57	-0.45	-0.49	-0.50	-0.35	-0.50	-0.74	-0.31	0.00	-0.07
H Q	13.37	12.60	10.95	11.81	12.58	15.11	20.25	23.79	24.66	24.58	24.33	25.13	25.13	24.46	23.27	24.01	22.70	23.06	23.37	24.82	25.13	22.86	20.13	17.06
61844	-0.33	-0.28	-0.24	-0.27	-0.28	-0.42	-0.52	-1.00	-1.03	-0.94	-1.04	-1.08	-1.05	-0.99	-0.89	-0.90	-0.77	-0.84	-0.85	-0.93	-1.08	-0.83	-0.67	-0.46
	0.00	0.00	0.00	0.00	0.00	0.00	-1.48	1.48	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	17.37	15.46	13.13	13.54	15.06	18.71	26.09	32.87	30.55	31.25	32.64	34.37	32.84	31.92	31.45	31.33	29.97	30.59	29.76	32.65	35.00	28.78	23.12	19.90
61758	1.52	1.39	1.18	1.29	1.38	1.72	2.33	2.92	3.06	3.04	3.09	3.17	3.17	3.03	2.87	2.94	2.72	2.82	2.81	3.01	3.09	2.68	2.33	1.84
	-2.15	-1.19	-0.77	-0.17	-0.83	-1.46	-4.47	-3.68	-1.81	-2.69	-4.17	-4.99	-3.49	-3.44	-4.41	-3.49	-3.78	-3.87	-2.73	-3.89	-5.70	-2.41	0.00	-0.54
LONGIL	18.70	18.33	17.85	17.07	19.11	20.65	38.30	42.85	37.88	35.73	37.00	41.00	37.18	36.34	40.00	35.64	38.57	41.85	34.30	37.29	55.00	35.98	28.80	25.86
61762	2.08	1.89	1.60	1.74	1.85	2.30	2.91	3.83	4.11	4.13	4.24	4.35	4.35	4.15	3.84	3.96	3.68	3.75	3.70	4.07	4.14	3.77	3.22	2.58
	-2.92	-3.55	-5.06	-3.26	-4.40	-2.82	-16.10	-12.75	-8.08	-6.07	-7.39	-10.44	-6.65	-6.73	-11.99	-6.77	-11.41	-14.19	-6.38	-7.48	-24.66	-8.52	-4.78	-5.76
MHK VL	14.41	13.36	11.57	12.36	13.29	16.22	20.81	27.54	26.60	26.48	26.39	27.30	27.08	26.31	25.15	25.89	24.47	24.78	25.15	26.86	27.37	24.50	21.09	17.82
61756	0.32	0.26	0.25	0.25	0.28	0.42	0.69	0.71	0.64	0.56	0.40	0.37	0.39	0.36	0.34	0.50	0.47	0.33	0.56	0.57	0.37	0.47	0.29	0.23
	-0.40	-0.22	-0.14	-0.03	-0.15	-0.27	-0.83	-0.56	-0.27	-0.39	-0.61	-0.73	-0.51	-0.50	-0.64	-0.49	-0.53	-0.54	-0.38	-0.54	-0.79	-0.34	0.00	-0.08
MILLWD	17.49	15.55	13.20	13.58	15.14	18.82	26.18	33.14	30.80	31.51	32.96	34.76	33.14	32.21	31.78	31.62	30.27	30.88	29.96	32.96	35.46	28.99	23.17	19.98
61759	1.59	1.46	1.23	1.33	1.43	1.80	2.31	3.02	3.21	3.16	3.22	3.33	3.30	3.16	3.00	3.06	2.84	2.91	2.88	3.14	3.28	2.77	2.37	1.89
	-2.20	-1.22	-0.78	-0.18	-0.85	-1.49	-4.57	-3.86	-1.89	-2.82	-4.37	-5.23	-3.66	-3.60	-4.62	-3.65	-3.96	-4.06	-2.87	-4.07	-5.98	-2.53	0.00	-0.57
N.Y.C.	17.63	15.67	13.28	13.69	15.22	18.93	26.25	33.24	30.96	31.69	33.09	34.84	33.30	32.40	31.93	31.82	30.45	31.06	30.11	33.09	35.55	29.21	23.42	20.19
61761	1.74	1.57	1.32	1.44	1.52	1.91	2.41	3.15	3.39	3.37	3.42	3.54	3.53	3.39	3.19	3.29	3.05	3.13	3.05	3.30	3.46	3.01	2.62	2.10
	-2.19	-1.21	-0.78	-0.18	-0.85	-1.48	-4.55	-3.82	-1.87	-2.79	-4.30	-5.10	-3.59	-3.56	-4.57	-3.62	-3.93	-4.03	-2.84	-4.04	-5.88	-2.51	0.00	-0.56
NORTH	12.97	12.24	10.66	11.46	12.22	14.57	18.26	23.77	23.02	23.18	22.63	23.45	23.43	22.83	21.80	22.51	21.57	21.82	22.16	23.46	23.48	21.68	19.13	16.47
61755	-0.73	-0.64	-0.53	-0.62	-0.64	-0.96	-1.02	-2.50	-2.67	-2.35	-2.74	-2.75	-2.75	-2.62	-2.37	-2.39	-1.90	-2.08	-2.06	-2.29	-2.73	-2.01	-1.66	-1.05
	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	17.31	15.33	13.00	13.29	14.89	18.52	27.51	31.49	30.24	31.10	32.84	34.69	32.83	31.95	31.72	31.34	30.13	30.74	29.66	32.81	35.64	28.79	22.56	19.56
61845	1.15	1.08	0.94	1.01	1.08	1.32	1.62	2.15	2.31	2.25	2.31	2.31	2.33	2.24	2.10	2.12	1.97	2.03	2.06	2.24	2.36	2.11	1.77	1.37
	-2.46	-1.36	-0.88	-0.20	-0.95	-1.67	-6.60	-3.07	-2.23	-3.33	-5.16	-6.18	-4.32	-4.26	-5.45	-4.32	-4.69	-4.80	-3.39	-4.82	-7.07	-2.99	0.00	-0.67

OH 61846	14.06 -0.01 -0.38	13.00 -0.09 -0.21	11.23 -0.09 -0.13	12.03 -0.07 -0.03	12.90 -0.10 -0.15	15.93 0.14 -0.25	21.47 -0.08 -2.26	25.05 -0.37 0.85	25.00 -1.00 -0.31	24.58 -1.40 -0.46	23.10 -0.71 1.56	22.84 -0.81 2.56	23.03 -0.92 2.23	23.00 -1.02 1.43	22.32 -1.09 0.76	24.06 -1.45 -0.60	22.55 -1.57 -0.65	22.86 -1.29 -0.25	23.13 -1.55 -0.47	25.00 -1.42 -0.67	25.45 -0.79 -0.03	22.99 -1.11 -0.41	20.07 -0.73 0.00	17.00 -0.61 -0.09
PJM 61847	16.13 0.97 -1.46	14.55 0.86 -0.81	12.43 0.73 -0.52	13.00 0.81 -0.12	14.26 0.84 -0.56	17.70 1.18 -0.99	25.26 1.47 -4.51	29.01 1.76 -0.98	28.52 1.62 -1.21	28.78 1.45 -1.80	31.04 1.70 -3.96	33.04 1.73 -5.10	31.68 1.70 -3.80	30.40 1.60 -3.34	29.35 1.45 -3.73	28.61 1.37 -2.33	27.20 1.20 -2.53	28.05 1.34 -2.81	27.28 1.23 -1.83	29.79 1.44 -2.60	32.28 1.76 -4.31	26.66 1.35 -1.62	22.00 1.21 0.00	18.81 0.93 -0.36
WEST 61752	14.30 0.23 -0.37	13.23 0.14 -0.20	11.42 0.10 -0.13	12.24 0.13 -0.03	13.13 0.13 -0.14	16.25 0.47 -0.25	20.40 0.35 -0.76	27.20 0.32 -0.62	25.56 -0.44 -0.30	25.14 -0.84 -0.45	35.69 0.00 -10.32	41.32 -0.13 -15.25	38.48 -0.24 -12.54	34.15 -0.41 -9.10	30.80 -0.51 -7.14	24.57 -0.92 -0.59	22.93 -1.17 -0.64	25.56 -0.74 -2.40	23.56 -1.11 -0.46	25.50 -0.90 -0.65	31.06 -0.13 -4.99	23.46 -0.64 -0.41	20.46 -0.33 0.00	17.33 -0.28 -0.09