

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/01/2010

Name PTID CAPITL 61757	00:00 EDT 34.96 1.76 0.00	01:00 EDT 32.78 1.41 0.00	02:00 EDT 32.56 1.37 0.00	03:00 EDT 31.44 1.30 0.00	04:00 EDT 32.00 1.32 0.00	05:00 EDT 32.03 1.35 0.00	06:00 EDT 33.64 1.66 0.00	07:00 EDT 38.77 2.46 -0.20	08:00 EDT 46.84 2.48 -6.17	09:00 EDT 50.58 2.52 -10.47	10:00 EDT 53.75 2.56 -12.47	11:00 EDT 53.96 2.58 -12.34	12:00 EDT 54.47 2.69 -11.59	13:00 EDT 54.64 2.68 -10.07	14:00 EDT 54.10 2.60 -10.27	15:00 EDT 55.00 2.44 -12.63	16:00 EDT 55.42 2.50 -11.33	17:00 EDT 54.29 2.30 -14.21	18:00 EDT 47.19 2.38 -6.44	19:00 EDT 51.86 2.33 -10.69	20:00 EDT 57.50 2.84 -9.53	21:00 EDT 49.51 2.83 -1.72	22:00 EDT 43.07 2.58 -1.33	23:00 EDT 40.47 1.98 -4.86
CENTRL 61754	33.33 0.13 0.00	31.33 -0.03 0.00	31.09 -0.09 0.00	30.11 -0.03 0.00	30.71 0.03 0.00	30.84 0.15 0.00	32.27 0.29 0.00	36.35 0.22 -0.02	38.94 0.04 -0.71	38.83 0.04 -1.20	40.15 0.00 -1.43	40.58 0.12 -1.42	41.64 0.12 -1.33	43.13 0.08 -1.16	42.41 0.00 -1.18	41.31 -0.08 -1.45	42.85 -0.04 -1.30	39.26 -0.15 -1.63	39.04 -0.08 -0.74	39.99 -0.08 -1.23	46.09 -0.14 -1.09	45.20 0.04 -0.20	39.23 -0.08 -0.15	34.12 -0.07 -0.56
DUNWOD 61760	36.19 2.99 0.00	33.75 2.38 0.00	33.46 2.28 0.00	32.25 2.11 0.00	32.77 2.09 0.00	32.83 2.15 0.00	34.41 2.43 0.00	39.55 3.29 -0.16	46.39 3.51 -4.68	49.42 3.87 -7.95	52.22 4.03 -9.47	52.59 4.18 -9.37	53.25 4.26 -8.80	54.07 4.52 -7.65	53.44 4.41 -7.80	53.88 4.35 -9.59	54.69 4.49 -8.61	52.65 4.08 -10.79	47.45 4.18 -4.89	51.31 4.35 -8.12	57.33 4.96 -7.24	51.21 4.95 -1.31	44.24 4.07 -1.01	40.41 3.09 -3.69
GENESE 61753	32.14 -1.06 0.00	30.14 -1.22 0.00	29.94 -1.25 0.00	28.87 -1.27 0.00	29.61 -1.07 0.00	29.58 -1.10 0.00	31.02 -0.96 0.00	34.83 -1.30 -0.02	37.14 -1.60 -0.55	37.06 -1.47 -0.93	38.35 -1.47 -1.11	38.77 -1.37 -1.09	39.97 -1.25 -1.03	41.45 -1.34 -0.89	40.73 -1.40 -0.91	39.58 -1.48 -1.12	41.06 -1.54 -1.01	37.41 -1.62 -1.26	37.37 -1.57 -0.57	38.00 -1.79 -0.95	43.99 -1.99 -0.84	43.58 -1.53 -0.15	37.90 -1.37 -0.12	32.81 -1.24 -0.43
H Q 61844	32.25 -0.93 0.02	30.76 -0.63 -0.02	30.59 -0.59 0.00	29.57 -0.57 0.00	30.10 -0.58 0.00	30.10 -0.58 0.00	32.25 -0.80 -1.07	33.88 -1.16 1.07	37.05 -1.15 0.00	36.39 -1.20 0.00	37.56 -1.16 0.00	37.83 -1.21 0.00	38.90 -1.29 0.00	40.60 -1.30 0.00	39.99 -1.24 0.00	38.78 -1.16 0.00	40.43 -1.16 0.00	36.76 -1.02 0.00	37.30 -1.07 0.00	37.76 -1.09 0.00	43.91 -1.22 0.00	43.61 -1.35 0.00	38.06 -1.10 0.00	32.75 -0.87 0.00
HUD VL 61758	35.89 2.69 0.00	33.53 2.16 0.00	33.27 2.09 0.00	32.07 1.93 0.00	32.62 1.93 0.00	32.65 1.96 0.00	34.25 2.27 0.00	39.37 3.11 -0.15	46.27 3.40 -4.67	49.25 3.72 -7.93	52.04 3.87 -9.45	52.42 4.02 -9.35	53.11 4.14 -8.78	53.88 4.36 -7.63	53.30 4.29 -7.78	53.74 4.23 -9.57	54.58 4.41 -8.58	52.55 4.00 -10.77	47.36 4.11 -4.88	51.18 4.23 -8.10	57.13 4.78 -7.22	51.11 4.86 -1.30	44.00 3.84 -1.01	40.13 2.82 -3.68
LONGIL 61762	37.77 3.85 -0.72	34.41 3.04 0.00	34.08 2.90 0.00	32.79 2.65 0.00	33.32 2.64 0.00	33.32 2.64 0.00	34.95 2.97 0.00	42.91 4.33 -2.47	47.42 4.54 -4.69	50.75 4.89 -8.27	73.10 5.11 -29.27	77.00 5.23 -32.72	77.00 5.39 -31.43	79.56 5.66 -32.00	99.00 5.69 -52.09	99.00 5.55 -53.51	99.00 5.78 -51.63	79.16 5.18 -36.21	79.17 5.30 -35.50	80.83 5.52 -36.47	99.00 6.32 -47.55	79.00 6.29 -27.75	61.61 5.17 -17.28	48.75 4.04 -11.09
MHK VL 61756	34.13 0.93 0.00	32.06 0.69 0.00	31.87 0.69 0.00	30.89 0.75 0.00	31.42 0.74 0.00	31.45 0.77 0.00	32.90 0.93 0.00	37.29 1.16 -0.02	40.35 1.41 -0.74	40.17 1.32 -1.26	41.62 1.39 -1.50	42.02 1.48 -1.49	43.03 1.45 -1.40	44.62 1.51 -1.21	43.91 1.44 -1.24	42.90 1.44 -1.52	44.23 1.37 -1.26	40.79 1.44 -1.58	40.57 1.42 -0.78	41.61 1.48 -1.29	48.08 1.81 -1.15	46.78 1.62 -0.21	40.57 1.25 -0.16	35.25 1.04 -0.59
MILLWD 61759	35.99 2.79 0.00	33.62 2.26 0.00	33.34 2.15 0.00	32.13 1.99 0.00	32.68 1.99 0.00	32.68 1.99 0.00	34.28 2.30 0.00	39.41 3.14 -0.16	46.23 3.32 -4.71	49.35 3.76 -8.00	52.12 3.87 -9.53	52.49 4.02 -9.43	53.14 4.10 -8.85	53.90 4.32 -7.69	53.28 4.20 -7.85	53.78 4.19 -9.65	54.57 4.33 -8.66	52.56 3.93 -10.86	47.32 4.03 -4.92	51.20 4.20 -8.17	57.19 4.78 -7.28	51.03 4.77 -1.31	44.09 3.92 -1.02	40.23 2.89 -3.71
N.Y.C. 61761	47.73 3.32 -11.21	34.07 2.70 0.00	33.78 2.59 0.00	32.52 2.38 0.00	33.05 2.36 0.00	33.11 2.42 0.00	34.70 2.72 0.00	39.88 3.61 -0.16	46.70 3.82 -4.69	55.12 4.25 -13.28	62.00 4.41 -18.87	65.82 4.53 -22.25	67.21 4.66 -22.36	66.00 4.90 -19.20	68.18 4.78 -22.18	68.31 4.67 -23.70	68.24 4.87 -21.78	67.51 4.42 -25.32	66.83 4.53 -23.93	67.31 4.70 -23.76	71.00 5.37 -20.50	66.81 5.39 -16.45	62.00 4.46 -18.38	62.00 3.40 -24.98
NORTH 61755	31.14 -2.06 0.00	29.73 -1.63 0.00	29.66 -1.53 0.00	28.75 -1.39 0.00	29.24 -1.44 0.00	29.18 -1.50 0.00	30.22 -1.76 0.00	33.87 -2.24 0.00	35.79 -2.41 0.00	35.00 -2.59 0.00	36.47 -2.25 0.00	36.51 -2.54 0.00	37.50 -2.72 0.00	39.17 -2.51 0.00	38.71 -2.36 0.00	37.58 -2.36 0.00	39.34 -2.25 0.00	35.92 -1.85 0.00	36.42 -1.96 0.00	36.94 -1.90 0.00	43.10 -2.03 0.00	42.39 -2.56 0.00	37.04 -2.11 0.00	32.01 -1.61 0.00
NPX 61845	35.42 2.22 0.00	33.22 1.85 0.00	32.99 1.81 0.00	31.80 1.66 0.00	32.37 1.69 0.00	32.37 1.69 0.00	33.96 1.98 0.00	39.11 2.82 -0.18	46.54 2.83 -5.52	49.94 2.97 -9.38	52.95 3.06 -11.17	53.14 3.05 -11.05	53.70 3.13 -10.38	54.14 3.23 -9.02	53.60 3.17 -9.20	54.28 3.04 -11.31	54.85 3.12 -10.14	53.29 2.80 -12.72	47.02 2.88 -5.77	51.33 2.91 -9.57	57.00 3.34 -8.53	49.96 3.46 -1.54	43.40 3.05 -1.19	40.23 2.25 -4.35

OH 61846	31.14	29.11	28.78	28.00	28.53	28.81	30.12	33.64	35.02	35.01	36.23	36.51	37.79	39.05	38.39	37.35	38.58	35.00	34.98	35.57	40.98	41.00	36.00	31.28
	-2.06	-2.26	-2.40	-2.14	-2.15	-1.87	-1.85	-2.49	-3.82	-3.68	-3.79	-3.83	-3.62	-3.90	-3.92	-3.91	-4.20	-4.27	-4.07	-4.39	-5.14	-4.14	-3.29	-2.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.65	-1.10	-1.31	-1.29	-1.21	-1.06	-1.08	-1.32	-1.19	-1.49	-0.68	-1.12	-1.00	-0.18	-0.14	-0.51
PJM 61847	32.84	32.02	31.84	30.71	31.27	31.39	32.90	37.41	42.40	44.69	47.30	47.89	48.83	49.50	49.22	49.06	45.94	47.63	44.57	47.08	52.53	48.83	42.53	38.75
	-1.23	0.66	0.65	0.57	0.58	0.71	0.93	1.19	0.99	1.20	1.32	1.44	1.53	1.55	1.48	1.40	-2.62	1.28	1.34	1.44	1.58	1.80	1.33	0.87
	-0.87	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-3.22	-5.89	-7.26	-7.40	-7.11	-6.06	-6.51	-7.72	-6.97	-8.57	-4.85	-6.80	-5.82	-2.08	-2.05	-4.25
WEST 61752	31.57	29.39	29.16	28.30	28.87	29.15	30.51	34.15	35.79	35.79	37.26	37.54	38.75	39.99	39.27	38.20	39.53	35.95	35.84	36.58	42.11	41.92	36.61	31.78
	-1.63	-1.98	-2.03	-1.84	-1.81	-1.53	-1.47	-1.99	-3.13	-3.05	-2.94	-2.97	-2.81	-3.10	-3.17	-3.23	-3.41	-3.51	-3.30	-3.53	-4.15	-3.24	-2.70	-2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.73	-1.24	-1.48	-1.47	-1.38	-1.20	-1.22	-1.50	-1.35	-1.69	-0.77	-1.27	-1.13	-0.20	-0.16	-0.58