

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

02/15/2011

Name PTID CAPITL 61757	00:00 EST 39.39 2.33 0.00	01:00 EST 36.86 2.18 0.00	02:00 EST 35.54 1.95 0.00	03:00 EST 36.57 2.04 0.00	04:00 EST 37.56 2.16 0.00	05:00 EST 40.05 2.18 -3.76	06:00 EST 51.95 2.88 -8.50	07:00 EST 53.34 3.63 0.00	08:00 EST 55.94 3.20 -8.93	09:00 EST 56.97 2.81 -14.00	10:00 EST 55.13 2.91 -10.71	11:00 EST 48.90 2.98 -1.45	12:00 EST 45.80 2.74 -0.84	13:00 EST 42.15 2.46 0.00	14:00 EST 42.11 2.46 0.00	15:00 EST 42.03 2.38 0.00	16:00 EST 48.09 2.32 -7.74	17:00 EST 72.31 2.62 -29.42	18:00 EST 83.12 3.54 -28.20	19:00 EST 67.69 3.25 -16.71	20:00 EST 55.72 3.20 -4.75	21:00 EST 45.70 2.77 -2.12	22:00 EST 45.29 2.33 -4.78	23:00 EST 44.29 2.04 -5.08
CENTRL 61754	36.84 -0.22 0.00	34.26 -0.42 0.00	33.42 -0.17 0.00	34.05 -0.48 0.00	34.97 -0.42 0.00	34.55 0.00 -0.44	42.01 0.45 -0.99	49.96 0.25 0.00	45.34 0.48 -1.04	42.22 0.40 -1.65	43.15 0.37 -1.26	44.82 0.18 -0.17	42.39 0.08 -0.10	39.81 0.12 0.00	39.74 0.08 0.00	39.69 0.04 0.00	38.93 0.00 -0.90	43.93 0.24 -3.42	54.96 0.31 -3.28	49.96 0.29 -1.94	48.47 0.14 -0.55	41.05 0.00 -0.25	38.93 0.19 -0.56	37.61 -0.15 -0.59
DUNWOD 61760	40.10 3.04 0.00	37.45 2.77 0.00	36.04 2.45 0.00	37.05 2.52 0.00	37.91 2.51 0.00	39.71 2.80 -2.81	51.03 4.10 -6.36	55.18 5.47 0.00	55.61 5.13 -6.67	55.17 4.66 -10.35	54.25 4.82 -7.92	50.70 5.16 -1.07	47.77 4.94 -0.62	44.25 4.56 0.00	44.41 4.76 0.00	44.29 4.64 0.00	48.23 4.41 -5.78	67.08 4.83 -21.97	78.74 6.32 -21.05	65.94 5.73 -12.48	57.19 5.88 -3.55	47.20 4.81 -1.59	46.07 4.31 -3.58	44.09 3.12 -3.80
GENESE 61753	35.13 -1.93 0.00	32.28 -2.39 0.00	31.67 -1.91 0.00	32.35 -2.18 0.00	33.28 -2.12 0.00	33.04 -1.40 -0.33	40.30 -1.01 -0.75	48.07 -1.64 0.00	43.64 -0.96 -0.78	40.39 -0.96 -1.19	41.39 -1.04 -0.91	43.13 -1.47 -0.12	40.68 -1.60 -0.07	38.26 -1.43 0.00	38.03 -1.63 0.00	38.18 -1.47 0.00	37.42 -1.29 -0.68	41.89 -0.97 -2.58	52.27 -1.70 -2.59	47.82 -1.38 -1.47	46.37 -1.82 -0.42	39.48 -1.51 -0.19	37.42 -1.18 -0.42	35.94 -1.67 -0.45
H Q 61844	36.65 -0.41 0.00	34.40 -0.28 0.00	33.32 -0.27 0.00	34.29 -0.24 0.00	35.08 -0.32 0.00	36.65 -0.44 -2.99	36.65 -0.93 2.99	48.57 -1.14 0.00	42.59 -1.23 0.00	39.04 -1.12 0.00	40.35 -1.16 0.00	43.36 -1.11 0.00	41.20 -1.01 0.00	38.78 -0.91 0.00	38.70 -0.95 0.00	38.74 -0.91 0.00	37.12 -0.91 0.00	39.15 -1.13 0.00	49.98 -1.39 0.00	46.45 -1.29 0.00	46.53 -1.24 0.00	39.78 -1.02 0.00	37.19 -0.99 0.00	36.65 -0.52 0.00
HUD VL 61758	40.24 3.19 0.00	37.59 2.91 0.00	36.21 2.62 0.00	37.22 2.69 0.00	38.13 2.73 0.00	39.89 2.97 -2.82	51.21 4.26 -6.38	55.23 5.52 0.00	55.67 5.17 -6.68	55.20 4.70 -10.34	54.24 4.82 -7.91	50.66 5.11 -1.07	47.77 4.94 -0.62	44.29 4.60 0.00	44.37 4.72 0.00	44.33 4.68 0.00	48.31 4.49 -5.79	67.01 4.71 -22.02	78.68 6.22 -21.09	65.87 5.63 -12.51	57.06 5.73 -3.56	47.29 4.90 -1.59	46.20 4.43 -3.59	44.29 3.31 -3.81
LONGIL 61762	43.95 6.89 0.00	41.30 6.62 0.00	39.67 6.08 0.00	40.78 6.25 0.00	41.56 6.16 0.00	41.87 4.95 -2.81	55.53 6.17 -8.79	60.96 8.60 -2.65	59.53 8.02 -7.69	59.71 7.19 -12.36	59.93 7.64 -10.77	58.10 7.74 -5.88	56.16 7.22 -6.74	50.15 7.10 -3.36	48.27 7.69 -0.92	49.55 6.94 -2.97	56.75 6.54 -12.17	88.59 7.53 -40.78	86.63 9.66 -25.60	74.72 8.54 -18.44	66.90 8.41 -10.72	58.91 6.73 -11.38	50.94 6.38 -6.38	45.66 4.68 -3.80
MHK VL 61756	38.06 1.00 0.00	35.50 0.83 0.00	34.43 0.84 0.00	35.12 0.59 0.00	36.18 0.78 0.00	35.62 1.06 -0.46	43.35 1.74 -1.04	51.85 2.14 0.00	46.72 1.88 -1.02	43.43 1.69 -1.58	44.43 1.70 -1.21	46.37 1.73 -0.16	43.91 1.60 -0.10	41.20 1.51 0.00	41.12 1.47 0.00	41.11 1.47 0.00	40.36 1.45 -0.88	45.20 1.57 -3.36	56.90 2.31 -3.22	51.74 2.10 -1.91	50.32 2.01 -0.54	42.63 1.59 -0.24	40.10 1.34 -0.58	38.91 1.12 -0.62
MILLWD 61759	40.06 3.00 0.00	37.41 2.74 0.00	36.04 2.45 0.00	37.05 2.52 0.00	37.91 2.51 0.00	39.77 2.83 -2.83	51.20 4.22 -6.41	55.18 5.47 0.00	55.63 5.08 -6.73	55.25 4.66 -10.42	54.26 4.77 -7.97	50.62 5.07 -1.08	47.73 4.90 -0.63	44.17 4.48 0.00	44.30 4.64 0.00	44.21 4.56 0.00	48.27 4.41 -5.83	67.23 4.79 -22.16	78.97 6.37 -21.23	66.05 5.73 -12.59	57.18 5.83 -3.58	47.25 4.86 -1.60	46.14 4.35 -3.61	44.16 3.16 -3.83
N.Y.C. 61761	40.36 3.30 0.00	37.65 2.98 0.00	36.21 2.62 0.00	37.19 2.66 0.00	38.05 2.65 0.00	39.89 2.97 -2.81	51.44 4.50 -6.36	56.36 6.07 -0.58	57.75 5.56 -8.36	67.54 5.06 -22.32	68.89 5.19 -22.19	66.00 5.51 -16.01	66.00 5.28 -18.51	66.00 4.92 -21.39	63.47 5.08 -18.74	63.46 4.96 -18.86	59.91 4.75 -17.13	94.19 5.16 -48.76	92.79 6.73 -34.69	70.17 6.11 -16.33	60.55 6.31 -6.47	52.84 5.22 -6.82	46.50 4.73 -3.58	44.43 3.46 -3.80
NORTH 61755	36.76 -0.30 0.00	34.50 -0.17 0.00	33.46 -0.13 0.00	34.39 -0.14 0.00	35.01 -0.39 0.00	33.73 -0.38 0.00	39.84 -0.73 0.00	49.02 -0.70 0.00	42.64 -1.18 0.00	39.16 -1.00 0.00	40.52 -1.00 0.00	43.50 -0.98 0.00	41.32 -0.89 0.00	38.97 -0.71 0.00	38.82 -0.83 0.00	38.89 -0.75 0.00	37.46 -0.57 0.00	39.19 -1.09 0.00	50.19 -1.18 0.00	46.64 -1.10 0.00	46.58 -1.19 0.00	39.82 -0.98 0.00	37.15 -1.03 0.00	36.91 -0.26 0.00
NPX 61845	39.39 2.33 0.00	36.86 2.18 0.00	35.54 1.95 0.00	36.57 2.04 0.00	37.56 2.16 0.00	40.93 2.25 -4.57	50.00 3.04 -6.39	53.74 4.03 0.00	55.38 3.59 -7.97	55.87 3.29 -12.42	54.46 3.45 -9.50	49.36 3.60 -1.28	46.38 3.42 -0.75	42.82 3.14 0.00	42.87 3.21 0.00	42.78 3.13 0.00	47.98 3.04 -6.91	69.79 3.26 -26.26	80.76 4.21 -25.18	66.52 3.87 -14.92	55.88 3.87 -4.24	46.00 3.30 -1.90	45.32 2.86 -4.28	43.94 2.23 -4.54

OH 61846	33.13	30.55	30.30	30.21	31.22	32.87	36.45	44.24	40.65	37.88	38.74	40.04	37.78	35.60	35.33	35.52	35.13	39.84	46.95	44.61	42.95	36.77	35.31	34.01
	-3.93	-4.13	-3.29	-4.32	-4.18	-2.83	-3.77	-5.47	-4.08	-3.69	-3.86	-4.58	-4.52	-4.09	-4.32	-4.12	-3.69	-3.42	-5.86	-4.82	-5.30	-4.24	-3.36	-3.68
	0.00	0.00	0.00	0.00	0.00	-1.60	0.35	0.00	-0.91	-1.42	-1.08	-0.15	-0.09	0.00	0.00	0.00	-0.79	-2.99	-1.43	-1.70	-0.48	-0.22	-0.49	-0.52
PJM 61847	36.17	35.89	34.73	35.50	36.32	38.66	46.30	52.50	51.43	50.81	52.09	50.21	48.01	45.46	45.15	40.24	46.09	63.00	71.98	60.18	53.31	44.28	41.05	41.27
	-0.89	1.21	1.14	0.97	0.92	1.30	2.31	2.78	2.76	1.16	2.49	2.54	2.45	2.30	2.46	-2.46	2.02	2.38	3.24	2.82	2.96	2.33	0.27	1.34
	0.00	0.00	0.00	0.00	0.00	-3.26	-3.41	0.00	-4.85	-9.49	-8.08	-3.20	-3.35	-3.46	-3.04	-3.05	-6.04	-20.35	-17.37	-9.63	-2.58	-1.15	-2.60	-2.76
WEST 61752	33.72	30.96	30.77	30.52	31.61	32.12	38.70	45.24	41.60	38.84	39.63	40.82	38.51	36.24	35.97	36.12	35.72	40.82	48.54	45.73	43.97	37.45	36.05	34.70
	-3.34	-3.71	-2.82	-4.01	-3.79	-2.42	-2.84	-4.47	-3.24	-2.93	-3.11	-3.82	-3.80	-3.45	-3.69	-3.53	-3.19	-2.82	-4.73	-3.91	-4.35	-3.59	-2.67	-3.05
	0.00	0.00	0.00	0.00	0.00	-0.43	-0.97	0.00	-1.02	-1.61	-1.23	-0.17	-0.10	0.00	0.00	0.00	-0.89	-3.37	-1.90	-1.91	-0.54	-0.24	-0.55	-0.58