

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

01/16/2012

Name PTID CAPITL 61757	00:00 EST 45.59 2.62 0.00	01:00 EST 40.36 2.14 0.00	02:00 EST 39.39 1.91 0.00	03:00 EST 38.24 1.89 0.00	04:00 EST 38.62 1.94 0.00	05:00 EST 43.50 1.99 0.00	06:00 EST 66.02 2.42 0.10	07:00 EST 71.24 3.13 0.02	08:00 EST 68.72 2.77 0.00	09:00 EST 67.91 3.12 0.14	10:00 EST 60.09 3.24 0.05	11:00 EST 57.48 2.63 -10.21	12:00 EST 54.57 2.40 -13.46	13:00 EST 49.52 2.32 -9.13	14:00 EST 48.06 2.26 -8.06	15:00 EST 48.24 2.40 -5.15	16:00 EST 60.22 2.98 0.05	17:00 EST 89.64 4.43 0.00	18:00 EST 73.66 3.64 0.04	19:00 EST 62.46 3.72 -1.51	20:00 EST 57.96 2.25 -18.87	21:00 EST 57.66 2.03 -22.92	22:00 EST 49.37 2.01 -13.85	23:00 EST 39.55 1.54 -7.31
CENTRL 61754	41.90 -1.07 0.00	37.34 -0.88 0.00	36.62 -0.86 0.00	35.51 -0.84 0.00	35.72 -0.95 0.00	40.31 -1.20 0.00	61.76 -1.78 0.16	66.33 -1.77 0.03	64.30 -1.65 0.00	63.10 -1.62 0.20	55.52 -1.31 0.08	44.81 -1.07 -1.25	39.76 -0.62 -1.67	38.59 -0.61 -1.13	38.09 -0.64 -1.00	40.35 -0.98 -0.64	55.56 -1.66 0.07	83.17 -2.05 0.00	68.25 -1.75 0.06	55.93 -1.49 -0.18	38.59 -0.59 -2.34	35.26 -0.29 -2.84	34.76 -0.47 -1.72	31.30 -0.31 -0.91
DUNWOD 61760	46.80 3.82 0.00	41.43 3.21 0.00	40.33 2.85 0.00	39.11 2.76 0.00	39.50 2.82 0.00	44.58 3.07 0.00	68.35 4.78 0.12	74.23 6.13 0.03	72.01 6.07 0.00	71.38 6.62 0.17	63.04 6.20 0.07	57.32 4.95 -7.73	53.25 4.34 -10.20	49.25 4.26 -6.93	48.07 4.23 -6.11	49.07 4.48 -3.91	63.13 5.90 0.06	94.07 8.86 0.00	77.16 7.15 0.05	64.50 6.12 -1.14	55.38 4.24 -14.30	53.85 3.76 -17.38	47.86 3.85 -10.50	39.29 3.04 -5.55
GENESE 61753	39.45 -3.52 0.00	35.51 -2.71 0.00	34.82 -2.66 0.00	33.77 -2.58 0.00	33.85 -2.82 0.00	38.15 -3.36 0.00	49.69 -5.22 8.79	60.80 -5.25 2.08	60.94 -5.01 0.00	47.70 -5.00 12.23	47.66 -4.32 4.92	40.82 -3.48 0.33	37.65 -2.32 -1.26	36.68 -2.25 -0.86	36.15 -2.34 -0.76	38.20 -2.97 -0.48	48.23 -4.64 4.42	78.99 -6.22 0.00	61.11 -5.39 3.55	52.79 -4.41 0.04	36.51 -2.10 -1.77	33.59 -1.28 -2.15	32.96 -1.84 -1.30	29.85 -1.54 -0.69
H Q 61844	42.50 -0.47 0.00	37.92 -0.31 0.00	37.33 -0.15 0.00	36.20 -0.15 0.00	36.57 -0.11 0.00	41.55 0.04 0.00	63.95 0.25 0.00	67.93 -0.20 0.00	65.82 -0.13 0.00	64.54 -0.39 0.00	56.22 -0.68 0.00	44.10 -0.54 0.00	38.10 -0.62 0.00	37.45 -0.61 0.00	37.17 -0.57 0.00	37.24 -0.45 3.00	60.00 -0.29 -3.00	84.78 -0.43 0.00	69.64 -0.42 0.00	56.66 -0.57 0.00	36.25 -0.59 0.00	32.03 -0.69 0.00	32.84 -0.67 0.00	30.18 -0.52 0.00
HUD VL 61758	46.75 3.78 0.00	41.40 3.17 0.00	40.33 2.85 0.00	39.11 2.76 0.00	39.50 2.82 0.00	44.50 2.99 0.00	68.29 4.71 0.12	74.03 5.93 0.03	71.82 5.87 0.00	71.06 6.30 0.17	62.76 5.92 0.07	57.08 4.73 -7.72	53.03 4.14 -10.18	49.04 4.07 -6.91	47.87 4.04 -6.10	48.81 4.23 -3.90	62.90 5.67 0.06	93.82 8.61 0.00	76.95 6.94 0.05	64.27 5.90 -1.14	55.05 3.94 -14.27	53.58 3.53 -17.33	47.64 3.65 -10.48	39.15 2.92 -5.53
LONGIL 61762	47.83 4.86 -0.01	42.20 3.98 0.00	40.97 3.49 0.00	39.69 3.34 0.00	39.94 3.26 0.00	45.33 3.82 0.00	70.02 6.43 0.12	75.19 7.09 0.03	73.33 7.39 0.00	72.75 7.99 0.16	66.94 8.02 -2.01	62.28 6.38 -11.27	57.59 5.57 -13.30	53.96 5.56 -10.34	52.97 5.51 -9.73	53.98 5.82 -7.47	66.53 7.79 -1.44	96.82 11.59 -0.02	81.99 9.39 -2.54	72.67 7.96 -7.47	70.00 5.42 -27.74	60.00 4.84 -22.44	55.11 5.03 -16.57	40.66 4.24 -5.72
MHK VL 61756	44.09 1.12 0.00	39.29 1.07 0.00	38.45 0.97 0.00	37.29 0.95 0.00	37.59 0.92 0.00	42.47 0.95 0.00	65.62 2.04 0.11	70.22 2.11 0.03	68.12 2.18 0.00	66.98 2.21 0.15	59.12 2.28 0.06	47.53 1.74 -1.15	41.84 1.59 -1.54	40.63 1.52 -1.05	40.13 1.47 -0.92	42.78 1.51 -0.59	59.19 1.95 0.05	88.28 3.07 0.00	72.61 2.59 0.04	59.35 1.95 -0.17	40.33 1.33 -2.16	36.52 1.18 -2.62	36.17 1.07 -1.59	32.37 0.83 -0.84
MILLWD 61759	46.84 3.87 0.00	41.43 3.21 0.00	40.36 2.89 0.00	39.11 2.76 0.00	39.54 2.86 0.00	44.58 3.07 0.00	68.48 4.90 0.12	74.30 6.20 0.03	72.08 6.13 0.00	71.64 6.88 0.17	63.27 6.43 0.07	57.56 5.13 -7.79	53.44 4.45 -10.28	49.38 4.34 -6.98	48.19 4.30 -6.16	49.18 4.56 -3.93	63.31 6.07 0.06	94.41 9.20 0.00	77.51 7.50 0.05	64.74 6.35 -1.15	55.56 4.31 -14.41	54.05 3.83 -17.51	47.97 3.89 -10.58	39.36 3.07 -5.59
N.Y.C. 61761	61.98 4.04 -14.97	50.15 3.44 -8.49	40.60 3.11 -0.01	39.37 3.02 -0.01	39.76 3.08 -0.01	53.38 3.32 -8.55	73.30 5.16 -4.44	77.22 6.74 -2.35	77.09 6.66 -4.48	77.25 7.27 -5.05	71.35 6.71 -7.73	68.58 5.31 -18.63	66.11 4.68 -22.71	62.30 4.64 -19.59	60.38 4.64 -18.01	62.16 4.88 -16.59	72.21 6.42 -8.50	95.00 9.29 -0.50	88.09 7.50 -10.54	75.77 6.41 -12.12	68.79 4.57 -27.38	67.43 4.02 -30.70	60.75 4.15 -23.09	46.60 3.29 -12.62
NORTH 61755	42.80 -0.17 0.00	38.30 0.08 0.00	37.70 0.22 0.00	36.56 0.22 0.00	36.97 0.42 0.00	41.93 0.42 0.00	65.04 1.34 0.00	68.68 0.55 0.00	66.54 0.59 0.00	65.06 0.13 0.00	56.62 0.28 0.00	44.41 -0.22 0.00	38.48 -0.23 0.00	37.76 -0.30 0.00	37.58 -0.15 0.00	40.69 0.00 0.00	57.58 0.29 0.00	85.47 0.26 0.00	70.06 -0.34 0.00	56.89 -0.34 0.00	36.33 -0.52 0.00	32.13 -0.59 0.00	32.87 -0.64 0.00	30.21 -0.49 0.00
NPX 61845	45.98 3.01 0.00	40.67 2.45 0.00	39.65 2.17 0.00	38.49 2.14 0.00	38.95 2.27 0.00	43.88 2.37 0.00	66.65 3.06 0.11	72.33 4.22 0.03	69.71 3.76 0.00	68.87 4.09 0.15	61.00 4.15 0.06	57.20 3.53 -9.04	53.77 3.14 -11.92	49.20 3.05 -8.09	47.93 3.06 -7.14	48.46 3.21 -4.56	61.14 3.90 0.05	90.92 5.71 0.00	74.78 4.76 0.04	62.92 4.35 -1.33	56.50 2.95 -16.71	55.70 2.68 -20.30	48.56 2.78 -12.27	39.33 2.15 -6.48

OH 61846	36.87	33.41	32.94	31.91	31.83	35.66	44.33	45.37	41.09	39.56	38.98	36.43	35.00	34.00	33.60	35.03	43.50	71.15	55.10	47.90	34.30	32.31	31.50	28.55
	-6.10	-4.82	-4.53	-4.43	-4.84	-5.85	-10.57	-11.17	-10.82	-10.78	-9.39	-7.28	-5.19	-5.06	-5.02	-6.23	-9.74	-14.06	-11.70	-9.33	-4.61	-2.91	-3.52	-2.95
	0.00	0.00	0.00	0.00	0.00	0.00	8.80	11.59	14.04	14.59	8.54	0.93	-1.47	-1.00	-0.88	-0.56	4.05	0.00	3.26	0.00	-2.06	-2.51	-1.51	-0.80
PJM 61847	38.13	37.45	35.81	35.81	35.18	37.28	48.16	53.50	49.70	46.69	46.33	41.50	38.77	39.30	36.75	36.40	39.30	60.00	52.58	46.50	44.70	39.39	33.43	33.64
	0.64	0.57	0.45	0.40	0.33	0.21	0.13	0.68	0.73	1.17	1.31	1.07	1.16	1.18	1.21	1.02	1.03	1.70	1.26	1.20	1.22	1.31	1.24	0.98
	5.49	1.35	2.12	0.94	1.83	4.44	15.67	15.31	16.97	19.41	11.88	4.20	1.11	-0.06	2.19	5.30	19.02	26.92	18.74	11.94	-6.64	-5.37	1.32	-1.96
WEST 61752	37.60	34.02	33.58	32.57	32.42	36.45	47.24	57.24	57.18	46.05	45.30	38.97	36.47	35.39	35.00	36.44	45.77	74.30	57.89	50.00	35.72	33.63	32.61	29.28
	-5.37	-4.20	-3.90	-3.78	-4.25	-5.06	-8.98	-9.13	-8.77	-8.57	-7.45	-5.85	-3.91	-3.81	-3.74	-4.88	-7.79	-10.91	-9.18	-7.27	-3.46	-1.93	-2.61	-2.33
	0.00	0.00	0.00	0.00	0.00	0.00	7.48	1.76	0.00	10.31	4.15	-0.18	-1.67	-1.13	-1.00	-0.64	3.73	0.00	2.99	-0.03	-2.34	-2.84	-1.72	-0.91