

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/15/2010

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL 61757	91.11 2.97 -38.60	73.21 2.91 -21.01	70.18 2.73 -20.36	70.09 3.02 -16.65	71.68 2.57 -26.27	95.09 3.16 -42.60	123.64 3.70 -57.21	139.68 5.09 -46.85	141.61 3.53 -77.25	140.66 3.02 -83.64	143.40 3.22 -82.59	143.24 2.58 -93.79	133.08 2.53 -83.64	126.95 2.68 -75.62	122.42 2.55 -73.54	123.44 2.60 -74.45	163.40 4.42 -82.69	188.57 8.92 -44.44	183.95 6.95 -71.75	167.88 5.50 -77.74	161.98 4.47 -87.69	140.63 3.59 -81.01	130.98 3.06 -76.07	127.10 2.21 -80.60
CENTRL 61754	53.53 -0.50 -4.49	50.99 -0.74 -2.44	48.56 -0.89 -2.37	51.39 -0.96 -1.94	44.91 -3.05 -3.05	53.58 -0.64 -4.88	68.03 -1.25 -6.55	90.72 -1.25 -5.17	67.84 -1.52 -8.53	61.83 -1.40 -9.24	65.27 -1.44 -9.12	55.92 -1.31 -10.36	54.87 -1.27 -9.24	55.64 -1.36 -8.35	53.16 -1.35 -8.12	53.27 -1.35 -8.22	83.28 -1.30 -9.13	136.60 -2.14 -4.91	110.65 -2.53 -7.92	91.19 -2.03 -8.59	77.97 -1.54 -9.68	63.64 -1.34 -8.95	59.01 -1.24 -8.40	52.19 -1.02 -8.92
DUNWOD 61760	83.24 4.56 -29.14	69.54 4.39 -15.87	66.56 4.10 -15.37	67.37 4.39 -12.57	66.27 3.60 -19.83	86.44 4.49 -32.61	112.86 6.34 -43.80	133.28 9.56 -35.98	127.09 6.93 -59.32	124.49 6.26 -64.23	127.80 6.80 -63.42	124.47 5.58 -72.01	116.66 5.53 -64.22	112.36 5.64 -58.07	108.13 5.33 -56.47	108.94 5.38 -57.17	148.70 8.92 -63.50	184.47 15.14 -34.12	172.14 11.79 -55.09	153.81 9.48 -59.70	145.12 7.96 -67.33	124.29 6.05 -62.21	116.02 5.76 -58.41	110.29 4.03 -61.97
GENESE 61753	51.19 -1.73 -3.38	49.06 -2.07 -1.84	46.61 -2.26 -1.78	49.50 -2.37 -1.46	42.48 -2.66 -2.30	51.01 -2.02 -3.69	63.98 -3.70 -4.96	86.70 -5.00 -3.96	63.83 -3.53 -6.53	57.93 -3.13 -7.07	61.28 -3.28 -6.98	51.80 -3.00 -7.92	51.20 -2.77 -7.07	52.12 -2.92 -6.39	49.81 -2.73 -6.21	49.90 -2.78 -6.29	78.62 -4.65 -6.99	130.71 -8.25 -3.75	105.11 -6.21 -6.06	86.47 -4.74 -6.57	73.39 -3.84 -7.41	59.80 -3.08 -6.84	55.43 -2.85 -6.43	48.44 -2.66 -6.81
H Q 61844	48.65 -0.89 0.00	48.65 -0.64 0.00	46.57 -0.52 0.00	48.65 -0.50 1.25	43.75 -0.34 -1.25	48.65 -0.69 0.00	62.10 -0.63 0.00	86.95 -0.79 0.00	60.28 -0.55 0.00	53.51 -0.49 0.00	57.01 -0.58 0.00	46.45 -0.42 0.00	46.48 -0.42 0.00	48.26 -0.39 0.00	45.92 -0.42 0.00	51.98 -0.42 -6.00	69.67 -0.61 6.00	134.12 -1.08 0.00	103.16 -0.84 1.25	85.13 -0.76 -1.25	69.13 -0.70 0.00	57.71 -0.50 -2.18	48.65 -0.62 2.58	44.34 -0.35 -0.40
HUD VL 61758	83.85 5.20 -29.10	70.11 4.98 -15.85	67.10 4.66 -15.35	67.91 4.94 -12.56	66.67 4.03 -19.81	86.10 4.79 -31.97	112.07 6.40 -42.94	132.53 9.56 -35.23	125.73 6.81 -58.08	122.93 6.05 -62.89	126.25 6.56 -62.09	122.78 5.39 -70.51	115.13 5.35 -62.88	110.96 5.45 -56.86	106.81 5.19 -55.29	107.61 5.24 -55.97	147.15 8.70 -62.17	183.76 15.14 -33.41	170.88 11.68 -53.94	152.48 9.39 -58.45	143.57 7.82 -65.93	123.00 6.05 -60.91	114.75 5.70 -57.19	109.05 4.12 -60.64
LONGIL 61762	85.30 6.59 -29.17	71.63 6.46 -15.88	68.64 6.17 -15.39	69.49 6.50 -12.58	67.96 5.27 -19.85	88.51 6.51 -32.66	115.06 8.47 -43.87	136.61 12.81 -36.06	142.00 9.00 -72.17	139.00 8.15 -76.85	152.07 8.70 -85.79	139.77 7.08 -85.82	149.20 7.08 -95.21	138.93 7.25 -83.03	138.86 6.86 -85.67	135.31 6.96 -81.96	155.11 11.82 -67.01	189.59 20.01 -34.37	207.83 15.37 -87.20	193.45 12.27 -96.55	183.80 10.26 -103.71	137.50 8.35 -73.11	125.88 7.67 -66.35	112.31 5.93 -62.09
MHK VL 61756	55.77 1.29 -4.94	53.16 1.18 -2.69	50.68 0.99 -2.60	53.70 1.16 -2.13	46.97 0.77 -3.36	55.70 1.18 -5.17	71.49 1.82 -6.95	95.45 3.25 -4.47	70.33 2.13 -7.37	63.76 1.78 -7.98	67.37 1.90 -7.88	57.37 1.55 -8.95	56.29 1.41 -7.98	57.28 1.41 -7.21	54.69 1.34 -7.02	54.89 1.39 -7.10	86.38 2.21 -7.89	144.04 4.60 -4.24	115.57 3.47 -6.84	94.85 2.79 -7.42	80.35 2.16 -8.36	65.61 1.85 -7.73	60.82 1.71 -7.26	53.93 1.15 -8.49
MILLWD 61759	83.51 4.61 -29.36	69.66 4.39 -15.98	66.67 4.10 -15.49	67.46 4.39 -12.67	66.42 3.60 -19.98	86.69 4.49 -32.86	113.26 6.40 -44.13	133.64 9.65 -36.25	127.54 6.93 -59.78	124.93 6.21 -64.72	128.23 6.74 -63.90	124.93 5.48 -72.57	117.06 5.44 -64.72	112.71 5.55 -58.51	108.47 5.24 -56.90	109.29 5.29 -57.60	149.19 8.92 -63.98	184.87 15.28 -34.38	172.66 11.89 -55.52	154.35 9.56 -60.15	145.63 7.96 -67.85	124.77 6.05 -62.68	116.42 5.70 -58.86	110.72 4.03 -62.41
N.Y.C. 61761	83.66 4.95 -29.16	69.95 4.78 -15.88	66.95 4.47 -15.39	67.78 4.79 -12.59	66.63 3.94 -19.85	86.82 4.84 -32.65	113.29 6.71 -43.85	134.11 10.35 -36.02	127.77 7.54 -59.40	129.24 6.80 -68.44	135.39 7.37 -70.44	133.02 6.05 -80.10	128.07 6.00 -75.17	124.64 6.13 -69.86	115.27 5.79 -63.15	123.69 5.85 -71.45	158.35 9.69 -72.38	200.00 16.22 -48.57	196.99 12.63 -79.10	162.69 10.07 -67.98	155.37 8.59 -76.96	137.89 6.56 -75.30	116.52 6.17 -58.49	110.77 4.43 -62.05
NORTH 61755	48.11 -1.44 0.00	48.70 -0.59 0.00	46.19 -0.89 0.00	50.26 -0.15 0.00	42.50 -0.34 0.00	48.55 -0.79 0.00	62.35 -0.38 0.00	86.63 -0.35 0.76	59.33 -0.24 1.25	52.53 -0.11 1.36	55.90 -0.35 1.34	45.21 -0.14 1.52	45.36 -0.19 1.36	47.28 -0.15 1.23	45.00 -0.14 1.19	45.00 -0.19 1.21	75.02 0.08 1.34	134.89 0.41 0.72	104.19 0.11 1.17	83.12 -0.25 1.26	67.91 -0.49 1.42	54.61 -0.11 1.32	50.10 -0.52 1.24	42.80 -0.18 1.31
NPX 61845	86.90 3.62 -33.74	71.26 3.60 -18.37	68.18 3.30 -17.80	67.39 3.68 -13.31	70.14 3.08 -24.22	90.52 3.70 -37.48	117.71 4.64 -50.34	135.56 6.49 -41.33	133.48 4.50 -68.15	131.88 4.10 -73.78	134.70 4.26 -72.85	133.12 3.52 -82.73	124.20 3.52 -73.78	119.01 3.65 -66.71	114.68 3.47 -64.87	121.50 3.43 -71.67	148.87 5.64 -66.94	184.27 9.87 -39.20	175.08 7.79 -62.04	160.90 6.43 -69.83	152.48 5.31 -77.35	133.93 4.26 -73.64	120.21 3.84 -64.52	118.71 2.83 -71.59

OH 61846	50.35	47.84	45.40	46.81	42.94	49.99	60.05	80.11	60.02	54.96	58.00	49.90	49.18	49.74	47.71	53.76	67.90	119.15	95.90	81.66	69.00	59.02	50.60	47.24
	-3.22	-3.65	-3.81	-4.08	-3.90	-3.75	-8.59	-12.37	-8.64	-7.51	-7.95	-6.47	-6.19	-6.57	-6.07	-6.17	-10.76	-20.55	-15.37	-12.10	-9.71	-7.40	-6.38	-5.62
	-4.03	-2.20	-2.13	-0.49	-4.00	-4.40	-5.92	-4.75	-7.82	-8.47	-8.36	-9.50	-8.47	-7.66	-7.45	-13.54	-2.37	-4.50	-6.01	-9.13	-8.88	-10.38	-5.12	-8.58
PJM 61847	68.17	62.33	59.56	59.71	59.51	72.88	96.14	113.94	105.01	101.47	104.67	99.66	94.17	91.52	87.99	89.16	116.59	163.45	146.32	131.00	120.00	104.16	92.49	89.72
	-2.33	1.63	1.41	1.51	1.16	0.39	2.32	0.70	2.13	1.94	2.13	1.73	1.74	1.70	1.62	-3.76	1.30	4.06	3.26	2.79	2.44	1.85	1.81	1.11
	-20.96	-11.41	-11.06	-7.79	-15.51	-23.14	-31.09	-25.50	-42.05	-45.53	-44.95	-51.05	-45.53	-41.16	-40.03	-46.52	-39.01	-24.19	-37.80	-43.57	-47.73	-46.28	-38.82	-44.33
WEST 61752	51.43	48.69	46.22	48.88	42.49	51.27	62.46	82.75	62.43	57.25	60.47	52.12	51.22	51.71	49.56	49.58	76.66	122.98	100.83	83.46	71.90	59.14	55.37	48.89
	-2.63	-3.06	-3.25	-3.48	-3.43	-3.01	-6.90	-10.35	-7.24	-6.32	-6.56	-5.48	-5.25	-5.60	-5.19	-5.34	-9.08	-17.31	-12.63	-10.07	-7.96	-6.16	-5.19	-4.61
	-4.52	-2.46	-2.38	-1.95	-3.07	-4.94	-6.64	-5.36	-8.84	-9.57	-9.45	-10.73	-9.57	-8.65	-8.41	-8.52	-9.46	-5.08	-8.21	-8.89	-10.03	-9.27	-8.70	-9.20