

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

02/01/2011

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	64.59 3.31 -12.58	51.93 2.54 -14.19	52.79 2.56 -13.62	57.78 3.30 -4.45	60.16 2.53 -20.42	62.67 2.92 -17.39	81.72 5.13 0.00	92.32 4.91 -15.18	91.18 4.76 -15.33	94.71 4.54 -19.15	101.20 3.25 -49.48	96.55 2.86 -50.40	91.63 2.79 -46.53	83.43 2.72 -38.82	81.37 2.64 -38.05	81.02 2.67 -38.54	83.51 3.89 -19.71	115.00 5.07 -35.42	114.18 6.97 -6.21	97.77 4.90 -19.70	98.93 3.72 -41.36	88.58 3.07 -45.10	79.93 2.70 -38.09	72.33 2.20 -32.89
CENTRL 61754	49.57 -0.58 -1.45	36.57 -0.28 -1.64	37.78 -0.40 -1.57	49.49 -1.05 -0.51	39.05 -0.52 -2.36	43.78 -0.59 -2.01	75.13 -1.46 0.00	72.81 -1.16 -1.73	71.68 -1.21 -1.80	71.84 -1.42 -2.24	53.89 -0.39 -5.80	49.11 -0.09 -5.91	47.58 -0.17 -5.44	46.17 -0.25 -4.54	44.83 -0.24 -4.41	43.96 -0.32 -4.46	60.76 -1.44 -2.28	77.20 -1.42 -4.10	100.00 -1.72 -0.72	74.13 -1.32 -2.27	57.87 -0.75 -4.77	45.45 -0.16 -5.20	43.42 -0.12 -4.40	40.69 -0.37 -3.82
DUNWOD 61760	62.52 4.24 -9.58	48.87 2.85 -10.81	49.91 2.93 -10.38	56.97 3.55 -3.39	55.56 2.79 -15.56	59.00 3.39 -13.25	83.40 6.82 0.00	91.07 7.30 -11.53	89.78 7.11 -11.59	92.69 7.24 -14.44	91.32 5.14 -37.71	86.51 4.81 -38.41	82.35 4.61 -35.42	75.96 4.52 -29.56	74.04 4.39 -28.97	73.34 4.18 -29.35	80.94 6.05 -14.97	109.29 7.90 -26.88	116.28 10.91 -4.37	95.60 7.54 -14.89	90.95 5.60 -31.50	78.84 4.08 -34.35	71.75 3.60 -29.01	65.26 2.94 -25.07
GENESE 61753	47.71 -2.09 -1.11	35.22 -1.23 -1.25	36.05 -1.76 -1.20	47.47 -2.95 -0.39	37.41 -1.60 -1.80	42.03 -1.86 -1.53	71.53 -5.05 0.00	69.23 -4.62 -1.62	68.82 -4.34 -2.07	69.54 -4.33 -2.86	50.91 -2.04 -4.47	46.50 -1.34 -4.55	45.06 -1.44 -4.19	43.70 -1.68 -3.50	42.40 -1.67 -3.39	41.54 -1.71 -3.44	55.04 -4.07 0.80	73.67 -4.62 -3.78	98.28 -5.76 -3.04	71.24 -4.46 -2.53	54.70 -2.85 -3.70	43.07 -1.37 -4.04	41.41 -1.14 -3.41	38.55 -1.64 -2.94
H Q 61844	45.51 -0.78 2.41	37.02 -0.60 -2.41	36.65 -0.59 -0.63	48.85 -0.55 0.63	36.65 -0.56 0.00	41.86 -0.64 -0.13	76.74 -0.84 -1.00	69.95 -1.16 1.13	69.95 -1.14 0.00	69.95 -1.07 0.00	47.41 -1.07 0.00	42.17 -1.13 0.00	41.25 -1.06 0.00	40.92 -0.96 0.00	39.74 -0.94 0.00	36.65 -0.88 2.29	61.36 -0.84 -2.29	73.32 -1.19 0.00	99.28 -1.72 0.00	71.93 -1.24 0.00	52.82 -1.02 0.00	39.40 -1.01 0.00	38.20 -0.94 0.00	36.65 -0.60 0.00
HUD VL 61758	62.79 4.53 -9.56	49.02 3.03 -10.78	50.07 3.11 -10.35	57.31 3.90 -3.38	55.74 3.01 -15.52	59.18 3.60 -13.21	83.63 7.05 0.00	91.25 7.51 -11.50	89.89 7.25 -11.55	92.79 7.39 -14.39	91.31 5.24 -37.60	86.44 4.85 -38.30	82.27 4.65 -35.30	75.90 4.57 -29.46	73.97 4.43 -28.87	73.27 4.22 -29.24	80.94 6.11 -14.92	109.27 7.97 -26.78	116.46 11.11 -4.35	95.84 7.83 -14.84	91.00 5.76 -31.39	78.88 4.24 -34.23	72.00 3.95 -28.91	65.52 3.28 -25.00
LONGIL 61762	71.41 7.84 -14.87	59.80 5.35 -19.24	60.43 5.45 -18.36	62.24 6.75 -5.46	62.94 5.21 -20.52	69.42 5.34 -21.72	95.01 10.49 -7.93	102.11 9.32 -20.55	96.33 9.24 -16.00	97.72 9.30 -17.40	108.33 7.66 -52.19	106.99 6.15 -57.55	109.45 6.90 -60.24	97.54 5.61 -50.05	96.69 5.41 -50.61	90.49 5.18 -45.50	114.27 9.35 -45.01	135.75 12.82 -48.43	131.45 17.17 -13.28	118.51 11.78 -33.56	120.70 8.56 -58.29	106.07 5.33 -60.33	80.14 5.48 -35.52	68.01 5.36 -25.40
MHK VL 61756	51.25 0.97 -1.58	37.73 0.74 -1.78	38.97 0.66 -1.71	51.74 1.15 -0.56	40.44 0.67 -2.56	45.39 0.85 -2.18	79.04 2.45 0.00	76.38 2.46 -1.69	75.09 2.35 -1.66	75.40 2.34 -2.04	55.99 1.89 -5.63	50.63 1.60 -5.73	49.10 1.57 -5.22	47.75 1.51 -4.36	46.40 1.42 -4.30	45.52 1.35 -4.36	63.94 1.80 -2.23	80.98 2.46 -4.00	105.34 3.64 -0.71	77.90 2.49 -2.24	60.50 1.94 -4.71	47.04 1.50 -5.14	44.73 1.25 -4.34	42.32 1.01 -4.07
MILLWD 61759	62.54 4.19 -9.65	48.94 2.85 -10.88	49.95 2.89 -10.45	56.99 3.55 -3.42	55.63 2.75 -15.67	59.05 3.35 -13.34	83.33 6.74 0.00	91.08 7.22 -11.62	89.80 7.04 -11.67	92.66 7.10 -14.54	91.55 5.09 -37.99	86.71 4.72 -38.69	82.51 4.53 -35.67	76.04 4.40 -29.76	74.11 4.27 -29.17	73.42 4.06 -29.55	80.92 5.93 -15.07	109.33 7.75 -27.06	116.11 10.71 -4.41	95.56 7.39 -15.00	91.06 5.49 -31.72	79.04 4.04 -34.59	71.95 3.60 -29.21	65.43 2.94 -25.24
N.Y.C. 61761	63.02 4.72 -9.59	49.20 3.17 -10.82	50.22 3.22 -10.39	57.38 3.95 -3.40	55.87 3.09 -15.58	59.40 3.77 -13.26	84.10 7.51 0.00	98.16 8.02 -17.91	98.75 7.82 -19.84	101.26 7.88 -22.36	100.20 5.57 -46.15	96.86 5.20 -48.37	93.98 4.99 -46.67	89.13 4.90 -42.35	87.77 4.76 -42.35	87.27 4.54 -42.92	93.12 6.59 -26.62	115.84 8.49 -32.83	121.99 11.72 -9.28	103.23 8.27 -21.79	99.82 6.14 -39.83	90.36 4.44 -45.51	72.09 3.91 -29.04	65.61 3.28 -25.09
NORTH 61755	48.26 -0.44 0.00	34.75 -0.46 0.00	36.13 -0.48 0.00	49.73 -0.30 0.00	36.69 -0.52 0.00	41.90 -0.47 0.00	76.67 0.08 0.00	71.95 -0.29 0.00	70.73 -0.36 0.00	70.94 -0.07 0.00	48.14 -0.34 0.00	42.47 -0.82 0.00	41.59 -0.72 0.00	41.30 -0.59 0.00	40.06 -0.61 0.00	39.26 -0.56 0.00	59.67 -0.24 0.00	74.14 -0.37 0.00	100.39 -0.61 0.00	72.66 -0.51 0.00	53.31 -0.54 0.00	39.68 -0.73 0.00	38.51 -0.63 0.00	37.02 -0.22 0.00
NPX 61845	61.00 3.41 -8.89	52.90 2.54 -15.16	52.00 2.53 -12.87	56.60 3.20 -3.37	57.94 2.38 -18.35	61.00 2.88 -15.75	82.64 5.05 -1.00	89.84 5.13 -12.48	89.66 4.91 -13.67	92.89 4.83 -17.04	96.30 3.44 -44.38	91.62 3.12 -45.21	87.10 3.05 -41.74	79.73 3.02 -34.83	77.74 2.93 -34.14	77.22 2.83 -34.58	81.58 4.01 -17.65	111.28 5.07 -31.70	113.34 7.07 -5.27	95.74 4.98 -17.59	94.71 3.72 -37.15	83.82 2.91 -40.50	75.97 2.62 -34.21	68.93 2.12 -29.56

OH 61846	43.00	36.19	35.56	43.80	35.73	40.00	66.02	58.80	53.60	49.92	47.34	44.10	42.49	41.09	39.91	39.70	49.00	59.93	60.30	55.60	50.00	41.57	39.91	36.87
	-4.58	-2.89	-3.07	-6.05	-3.57	-4.28	-11.56	-11.20	-12.08	-12.00	-6.64	-4.81	-4.99	-5.11	-4.96	-4.86	-10.30	-12.37	-16.77	-12.15	-7.97	-4.28	-3.44	-4.02
	1.12	-3.87	-2.02	0.17	-2.09	-1.91	-1.00	2.24	5.40	9.09	-5.51	-5.61	-5.17	-4.32	-4.20	-4.74	0.61	2.21	23.93	5.42	-4.12	-5.45	-4.22	-3.64
PJM 61847	49.65	45.74	45.02	51.40	48.11	52.10	66.17	78.37	78.84	76.58	75.00	71.09	67.60	63.33	61.67	60.93	69.64	93.08	88.73	83.15	76.61	65.10	60.01	54.91
	-3.21	0.70	0.66	0.10	0.22	0.51	-11.41	-0.14	1.07	0.85	1.07	1.34	0.89	1.09	1.06	0.92	0.60	0.60	-10.61	1.17	1.08	1.05	0.90	0.41
	-4.16	-9.83	-7.75	-1.27	-10.68	-9.22	-1.00	-6.28	-6.69	-4.71	-25.46	-26.46	-24.40	-20.36	-19.95	-20.20	-9.13	-17.97	1.66	-8.81	-21.68	-23.64	-19.97	-17.26
WEST 61752	46.23	34.40	35.56	45.09	36.32	40.54	67.24	62.49	56.69	52.97	49.17	45.69	44.00	42.48	41.27	40.52	51.38	62.86	65.59	58.48	52.41	42.45	41.13	37.86
	-3.94	-2.46	-2.64	-5.45	-3.27	-3.86	-9.34	-9.10	-10.02	-10.16	-5.48	-3.90	-4.10	-4.23	-4.11	-4.06	-8.87	-10.43	-13.64	-10.17	-6.57	-3.56	-2.74	-3.46
	-1.47	-1.66	-1.59	-0.52	-2.39	-2.03	0.00	0.64	4.37	7.89	-6.17	-6.29	-5.79	-4.83	-4.71	-4.77	-0.34	1.22	21.78	4.52	-5.13	-5.60	-4.73	-4.08