

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

02/28/2011

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	37.40 1.73 -0.46	35.04 1.38 0.00	34.78 1.56 0.00	34.80 1.56 0.00	35.31 1.52 0.00	36.53 1.86 -0.95	58.40 2.15 -18.55	61.53 1.91 -24.23	57.57 2.60 -17.36	59.98 2.53 -19.17	56.55 2.76 -12.54	52.54 2.63 -9.46	49.40 2.44 -8.14	46.25 2.47 -3.97	43.78 2.37 -3.19	41.88 2.27 -1.80	55.75 2.37 -15.68	65.21 2.36 -24.81	77.03 2.86 -29.54	68.17 2.53 -27.31	61.00 2.36 -21.78	49.96 2.17 -12.21	41.27 2.31 -3.50	38.16 2.36 -0.55
CENTRL 61754	35.27 0.00 -0.05	33.70 0.03 0.00	33.12 -0.10 0.00	33.14 -0.10 0.00	33.65 -0.14 0.00	33.81 -0.03 -0.11	40.11 0.26 -2.15	38.41 0.21 -2.80	40.00 0.38 -2.01	40.84 0.46 -2.10	42.99 0.37 -1.37	41.77 0.28 -1.03	39.89 0.19 -0.89	40.37 0.12 -0.43	38.64 0.08 -0.35	38.00 0.00 -0.20	39.57 0.08 -1.80	41.17 0.27 -2.85	48.43 0.40 -3.40	41.89 0.42 -3.14	39.55 0.18 -2.50	37.12 0.14 -1.40	35.87 0.00 -0.40	35.42 0.11 -0.06
DUNWOD 61760	37.89 2.32 -0.35	35.55 1.89 0.00	35.27 2.06 0.00	35.26 2.03 0.00	35.71 1.93 0.00	36.95 2.50 -0.72	54.89 3.05 -14.13	56.88 3.19 -18.30	54.67 3.91 -13.15	56.80 4.02 -14.50	55.03 4.29 -9.49	51.80 4.17 -7.18	49.00 4.00 -6.20	46.97 4.10 -3.05	44.59 3.90 -2.47	43.17 3.93 -1.43	53.55 3.88 -11.98	60.95 3.99 -18.91	71.96 4.82 -22.51	63.10 3.95 -20.82	57.31 3.83 -16.61	48.61 3.74 -9.30	41.71 3.58 -2.66	38.56 2.89 -0.42
GENESE 61753	34.59 -0.67 -0.04	33.22 -0.44 0.00	32.09 -1.13 0.00	32.14 -1.10 0.00	32.94 -0.84 0.00	32.74 -1.08 -0.08	38.81 -0.53 -1.64	36.94 -0.60 -2.15	38.55 -0.60 -1.54	39.32 -0.57 -1.62	41.64 -0.66 -1.06	40.48 -0.77 -0.80	38.68 -0.81 -0.69	39.24 -0.92 -0.33	37.41 -1.07 -0.27	36.79 -1.17 -0.15	38.06 -1.02 -1.39	39.60 -0.65 -2.20	46.58 -0.67 -2.62	40.36 -0.38 -2.42	37.98 -0.81 -1.93	35.84 -0.82 -1.08	34.89 -0.89 -0.31	34.56 -0.74 -0.05
H Q 61844	34.65 -0.46 0.11	33.47 -0.30 -0.11	32.82 -0.40 0.00	32.84 -0.40 0.00	34.25 -0.34 -0.80	34.65 -0.54 -1.46	34.65 -0.79 2.26	34.65 -0.74 0.00	36.60 -1.02 0.00	37.21 -1.07 0.00	40.13 -1.11 0.00	39.40 -1.05 0.00	37.80 -1.01 0.00	38.86 -0.96 0.00	37.30 -0.92 0.00	36.94 -0.87 0.00	36.79 -0.90 0.00	37.02 -1.03 0.00	43.38 -1.25 0.00	37.22 -1.11 0.00	35.94 -0.92 0.00	34.65 -0.92 0.00	34.65 -0.82 0.00	34.65 -0.60 0.00
HUD VL 61758	37.96 2.39 -0.35	35.68 2.02 0.00	35.41 2.19 0.00	35.43 2.19 0.00	35.88 2.09 0.00	37.02 2.56 -0.72	54.88 3.09 -14.09	56.82 3.19 -18.25	54.54 3.87 -13.05	56.68 3.98 -14.41	54.83 4.17 -9.42	51.63 4.09 -7.09	48.85 3.96 -6.09	46.82 4.06 -2.94	44.50 3.94 -2.35	43.00 3.89 -1.30	53.41 3.84 -11.88	60.82 3.96 -18.82	71.79 4.73 -22.42	63.00 3.95 -20.72	57.18 3.80 -16.52	48.54 3.70 -9.27	41.63 3.51 -2.65	38.66 3.00 -0.42
LONGIL 61762	38.32 2.75 -0.35	35.85 2.19 0.00	35.84 2.62 0.00	35.83 2.59 0.00	36.35 2.57 0.00	37.73 3.27 -0.72	55.50 3.66 -14.15	58.21 4.49 -18.32	56.35 5.53 -13.21	58.42 5.44 -14.70	57.65 5.86 -10.54	54.86 5.62 -8.78	52.35 5.28 -8.26	50.43 5.45 -5.16	48.40 5.20 -4.99	47.41 5.41 -4.20	56.12 5.16 -13.27	69.92 5.55 -26.32	78.05 6.52 -26.90	74.57 5.44 -30.80	60.65 5.09 -18.70	52.83 4.94 -12.31	46.42 5.00 -5.95	39.97 4.30 -0.42
MHK VL 61756	35.84 0.56 -0.06	34.23 0.57 0.00	33.75 0.53 0.00	33.77 0.53 0.00	34.19 0.41 0.00	34.53 0.67 -0.12	40.97 1.09 -2.18	39.47 1.20 -2.87	41.02 1.35 -2.06	41.75 1.45 -2.01	44.17 1.61 -1.32	42.98 1.54 -0.99	41.10 1.44 -0.85	41.67 1.43 -0.42	39.92 1.38 -0.34	39.32 1.32 -0.19	40.67 1.24 -1.73	42.08 1.29 -2.74	49.55 1.65 -3.27	42.73 1.38 -3.02	40.56 1.29 -2.41	37.96 1.03 -1.35	36.70 0.85 -0.39	36.16 0.85 -0.07
MILLWD 61759	37.86 2.29 -0.36	35.51 1.85 0.00	35.24 2.03 0.00	35.26 2.03 0.00	35.71 1.93 0.00	36.96 2.50 -0.73	55.03 3.09 -14.24	56.98 3.15 -18.44	54.63 3.84 -13.18	56.83 3.98 -14.57	54.97 4.21 -9.51	51.73 4.13 -7.16	48.91 3.96 -6.14	46.83 4.06 -2.95	44.46 3.90 -2.35	42.94 3.86 -1.28	53.50 3.81 -12.00	61.03 3.96 -19.02	72.04 4.73 -22.67	63.19 3.91 -20.95	57.32 3.76 -16.70	48.65 3.70 -9.37	41.70 3.55 -2.68	38.56 2.89 -0.42
N.Y.C. 61761	38.18 2.61 -0.36	35.79 2.12 0.00	35.51 2.29 0.00	35.50 2.26 0.00	35.95 2.16 0.00	37.22 2.77 -0.73	55.20 3.36 -14.14	57.25 3.54 -18.32	61.86 4.21 -20.03	61.60 4.36 -18.95	61.09 4.62 -15.23	60.49 4.49 -15.55	59.38 4.31 -16.26	58.82 4.42 -14.58	58.15 4.24 -15.70	57.62 4.23 -15.58	60.62 4.18 -18.74	64.40 4.30 -22.05	72.71 5.18 -22.90	65.94 4.29 -23.31	61.69 4.13 -20.70	55.42 4.06 -15.79	44.95 3.90 -5.58	38.92 3.24 -0.42
NORTH 61755	34.76 -0.46 0.00	33.46 -0.20 0.00	32.58 -0.63 0.00	32.60 -0.63 0.00	33.24 -0.54 0.00	33.29 -0.44 0.00	37.10 -0.60 0.00	34.90 -0.50 0.00	36.71 -0.90 0.00	37.21 -1.07 0.00	40.13 -1.11 0.00	39.40 -1.05 0.00	37.84 -0.97 0.00	38.98 -0.84 0.00	37.45 -0.76 0.00	37.01 -0.79 0.00	36.90 -0.79 0.00	37.06 -0.99 0.00	43.34 -1.29 0.00	37.14 -1.19 0.00	36.02 -0.85 0.00	34.79 -0.78 0.00	34.72 -0.74 0.00	34.65 -0.60 0.00
NPX 61845	37.74 2.11 -0.42	35.31 1.65 0.00	35.04 1.83 0.00	35.06 1.83 0.00	35.54 1.76 0.00	39.00 2.16 -3.11	54.56 2.45 -14.41	59.29 2.34 -21.56	56.27 3.20 -15.46	58.57 3.25 -17.03	55.85 3.46 -11.14	52.34 3.48 -8.41	49.31 3.26 -7.24	46.70 3.34 -3.54	44.27 3.21 -2.85	42.56 3.14 -1.61	54.91 3.13 -14.09	63.52 3.20 -22.28	75.00 3.84 -26.53	66.08 3.22 -24.53	59.48 3.06 -19.56	49.53 2.99 -10.96	41.69 3.09 -3.14	38.63 2.89 -0.49

OH 61846	34.10	32.79	31.72	31.77	32.40	34.27	35.10	35.28	36.55	37.33	39.30	38.14	36.42	36.90	35.39	34.69	36.18	37.87	44.34	38.66	36.28	34.24	33.52	33.51
	-1.16	-0.88	-1.49	-1.46	-1.39	-1.82	-2.26	-2.62	-2.86	-2.83	-3.18	-3.24	-3.18	-3.30	-3.13	-3.29	-3.13	-2.74	-3.35	-2.49	-2.84	-2.60	-2.31	-1.80
	-0.05	0.00	0.00	0.00	0.00	-2.36	0.34	-2.51	-1.80	-1.88	-1.23	-0.93	-0.80	-0.39	-0.31	-0.18	-1.62	-2.57	-3.06	-2.83	-2.25	-1.26	-0.36	-0.06
PJM 61847	34.62	34.37	33.98	34.00	34.46	37.52	46.95	47.74	44.80	46.00	50.52	48.39	45.67	45.14	43.35	42.29	42.51	53.62	62.94	53.32	50.84	44.00	39.01	36.89
	-0.85	0.71	0.76	0.76	0.68	1.01	1.36	-0.81	-3.12	-3.14	1.81	1.74	1.13	1.63	1.60	1.55	-4.60	1.67	2.10	-0.19	1.62	1.74	1.63	1.34
	-0.25	0.00	0.00	0.00	0.00	-2.78	-7.89	-13.16	-10.31	-10.86	-7.46	-6.20	-5.73	-3.69	-3.53	-2.93	-9.42	-13.90	-16.21	-15.19	-12.35	-6.68	-1.91	-0.30
WEST 61752	34.56	33.09	32.09	32.14	32.74	32.43	38.44	36.39	37.84	38.65	40.52	39.29	37.36	37.87	36.28	35.52	37.18	38.96	45.76	39.91	37.34	35.22	34.24	34.22
	-0.70	-0.57	-1.13	-1.10	-1.05	-1.42	-1.43	-1.84	-1.81	-1.80	-2.14	-2.22	-2.37	-2.39	-2.29	-2.50	-2.34	-1.98	-2.32	-1.61	-2.06	-1.78	-1.63	-1.09
	-0.05	0.00	0.00	0.00	0.00	-0.11	-2.17	-2.84	-2.04	-2.16	-1.41	-1.07	-0.92	-0.45	-0.36	-0.20	-1.83	-2.90	-3.45	-3.19	-2.54	-1.43	-0.41	-0.06