

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/21/2011

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL 61757	35.20 1.12 0.00	33.14 1.03 0.00	31.04 0.93 0.00	31.11 0.91 0.00	31.62 0.98 0.00	34.47 1.20 0.00	44.22 1.82 -5.34	57.01 2.02 -9.17	49.21 2.07 -3.12	48.21 1.80 -4.50	48.85 1.87 -4.53	47.23 1.77 -3.39	42.82 1.60 -0.14	42.90 1.49 -0.09	43.73 1.45 -3.10	43.12 1.46 -2.20	43.41 1.44 -3.11	49.07 1.70 -8.71	56.98 1.77 -15.88	65.04 2.03 -19.85	54.04 1.83 -9.76	43.76 1.43 -4.82	37.72 1.10 0.00	35.62 0.73 0.00
CENTRL 61754	34.25 0.17 0.00	32.34 0.22 0.00	30.38 0.27 0.00	30.53 0.33 0.00	30.89 0.25 0.00	33.64 0.37 0.00	38.29 0.59 -0.64	47.88 0.96 -1.10	45.18 0.79 -0.37	43.10 0.59 -0.62	43.58 0.55 -0.58	43.13 0.55 -0.51	41.81 0.58 -0.15	41.88 0.45 -0.10	40.14 0.59 -0.37	40.12 0.39 -0.26	39.62 0.39 -0.37	40.05 0.35 -1.03	41.69 0.47 -1.89	46.12 0.60 -2.36	44.29 0.68 -1.16	38.16 0.08 -0.57	36.74 0.11 0.00	34.96 0.07 0.00
DUNWOD 61760	36.46 2.39 0.00	34.17 2.06 0.00	31.97 1.87 0.00	32.01 1.81 0.00	32.60 1.96 0.00	35.57 2.30 0.00	44.63 3.45 -4.12	57.63 4.77 -7.05	51.26 4.84 -2.40	52.68 4.69 -6.08	52.01 4.75 -4.80	52.89 4.75 -6.06	50.38 4.64 -4.66	48.94 4.50 -3.12	45.99 4.43 -2.39	45.73 4.58 -1.70	45.90 4.51 -2.52	49.62 4.25 -6.71	55.77 4.21 -12.23	63.11 4.66 -15.29	54.55 4.58 -7.52	45.32 4.09 -3.71	39.96 3.33 0.00	37.05 2.16 0.00
GENESE 61753	33.16 -0.92 0.00	31.57 -0.55 0.00	29.71 -0.39 0.00	29.99 -0.21 0.00	30.27 -0.37 0.00	33.04 -0.23 0.00	37.05 -0.48 -0.47	46.32 -0.32 -0.82	43.90 -0.40 -0.28	41.69 -0.67 -0.46	42.16 -0.72 -0.43	41.73 -0.72 -0.38	40.46 -0.74 -0.11	40.48 -0.91 -0.08	38.91 -0.55 -0.28	38.71 -0.95 -0.20	38.25 -0.89 -0.28	38.59 -0.85 -0.78	40.08 -0.67 -1.42	44.28 -0.65 -1.78	42.82 -0.51 -0.87	36.48 -1.46 -0.43	35.45 -1.17 0.00	33.77 -1.12 0.00
H Q 61844	33.70 -0.37 0.00	31.76 -0.35 0.00	29.74 -0.36 0.00	29.84 -0.36 0.00	30.72 -0.40 -0.48	36.65 -0.50 -3.88	36.65 -0.96 -0.55	39.53 -1.37 4.91	42.61 -1.41 0.00	40.64 -1.26 0.00	41.18 -1.27 0.00	40.81 -1.26 0.00	39.85 -1.23 0.00	40.24 -1.07 0.00	37.97 -1.21 0.00	38.32 -1.14 0.00	37.74 -1.13 0.00	37.58 -1.08 0.00	38.19 -1.14 0.00	41.86 -1.29 0.00	41.14 -1.32 0.00	36.65 -0.86 0.00	33.78 -0.73 2.11	36.65 -0.35 -2.11
HUD VL 61758	36.46 2.39 0.00	34.20 2.09 0.00	32.03 1.93 0.00	32.07 1.87 0.00	32.63 1.99 0.00	35.60 2.33 0.00	44.45 3.37 -4.01	57.31 4.63 -6.87	50.98 4.62 -2.34	51.97 4.48 -5.59	51.46 4.50 -4.50	52.03 4.50 -5.46	49.47 4.44 -3.95	48.22 4.26 -2.65	45.73 4.23 -2.32	45.49 4.38 -1.65	45.47 4.28 -2.33	49.20 4.02 -6.52	55.23 4.01 -11.89	62.55 4.53 -14.86	54.22 4.46 -7.31	45.10 3.98 -3.61	39.92 3.30 0.00	37.12 2.23 0.00
LONGIL 61762	37.18 3.10 0.00	34.33 2.22 0.00	32.42 2.32 0.00	32.25 2.05 0.00	33.25 2.60 0.00	36.43 3.16 0.00	48.95 4.63 -7.26	59.79 6.92 -7.06	53.43 7.00 -2.42	54.71 6.62 -6.19	55.67 6.67 -6.55	54.61 6.35 -6.19	51.92 6.04 -4.80	50.25 5.78 -3.15	47.20 5.52 -2.50	47.18 5.84 -1.88	47.36 5.75 -2.74	51.23 5.84 -6.73	58.58 5.82 -13.43	64.65 6.17 -15.32	55.84 5.86 -7.53	47.05 5.44 -4.09	42.01 4.50 -0.88	37.68 2.79 -0.01
MHK VL 61756	34.52 0.44 0.00	32.53 0.42 0.00	30.47 0.36 0.00	30.59 0.39 0.00	31.04 0.40 0.00	33.90 0.63 0.00	38.70 1.04 -0.60	48.27 1.42 -1.03	45.73 1.36 -0.35	44.09 1.51 -0.68	44.62 1.57 -0.60	44.20 1.51 -0.61	42.84 1.44 -0.32	43.02 1.49 -0.22	40.82 1.29 -0.35	40.68 0.99 -0.23	40.17 0.97 -0.33	40.63 1.04 -0.92	42.11 1.10 -1.68	46.51 1.25 -2.10	44.59 1.10 -1.03	38.89 0.86 -0.51	37.32 0.70 0.00	35.37 0.49 0.00
MILLWD 61759	36.43 2.35 0.00	34.14 2.02 0.00	31.97 1.87 0.00	31.98 1.78 0.00	32.57 1.93 0.00	35.53 2.26 0.00	44.63 3.45 -4.13	57.60 4.72 -7.06	51.17 4.75 -2.40	52.55 4.61 -6.04	51.86 4.63 -4.78	52.69 4.63 -5.99	50.12 4.48 -4.56	48.76 4.38 -3.06	45.88 4.31 -2.39	45.62 4.46 -1.70	45.79 4.39 -2.53	49.56 4.18 -6.72	55.76 4.17 -12.26	63.10 4.62 -15.32	54.53 4.54 -7.53	45.25 4.01 -3.72	39.92 3.30 0.00	37.05 2.16 0.00
N.Y.C. 61761	36.77 2.69 0.00	34.43 2.31 0.00	32.22 2.11 0.00	32.23 2.02 0.00	32.82 2.18 0.00	35.84 2.56 0.00	44.89 3.71 -4.12	58.05 5.18 -7.06	52.90 5.28 -3.60	54.06 5.07 -7.09	55.06 5.14 -7.47	55.30 5.09 -8.14	53.84 4.97 -7.78	51.36 4.88 -5.16	50.01 4.82 -6.01	49.55 4.97 -5.11	49.71 4.86 -5.99	51.66 4.64 -8.36	56.18 4.60 -12.24	63.51 5.05 -15.30	54.99 5.01 -7.53	47.01 4.43 -5.07	40.26 3.63 0.00	37.29 2.41 0.00
NORTH 61755	33.47 -0.61 0.00	31.53 -0.58 0.00	29.50 -0.60 0.00	29.57 -0.63 0.00	29.94 -0.70 0.00	32.70 -0.57 0.00	35.95 -1.11 0.00	44.26 -1.56 0.00	42.30 -1.72 0.00	40.35 -1.55 0.00	41.01 -1.44 0.00	40.68 -1.39 0.00	39.73 -1.36 0.00	40.37 -0.95 0.00	37.69 -1.49 0.00	38.12 -1.34 0.00	37.51 -1.36 0.00	37.50 -1.16 0.00	37.99 -1.34 0.00	41.60 -1.55 0.00	40.88 -1.57 0.00	36.69 -0.83 0.00	35.71 -0.92 0.00	34.40 -0.49 0.00
NPX 61845	35.65 1.57 0.00	33.53 1.41 0.00	31.40 1.29 0.00	31.47 1.27 0.00	32.50 1.38 -0.48	36.03 1.56 -1.19	47.42 2.30 -8.06	51.90 2.75 -3.33	49.68 2.86 -2.80	49.50 2.68 -4.92	49.68 2.72 -4.51	48.95 2.69 -4.19	45.30 2.59 -1.63	44.89 2.48 -1.09	44.40 2.43 -2.79	43.97 2.53 -1.98	44.15 2.49 -2.80	48.90 2.40 -7.84	56.23 2.60 -14.30	63.84 2.81 -17.88	54.13 2.89 -8.79	44.22 2.36 -4.34	38.53 1.90 0.00	36.18 1.29 0.00

OH 61846	32.00	30.70	28.90	29.26	29.83	33.00	38.18	38.80	40.95	38.71	39.14	38.85	37.60	37.69	36.72	36.10	35.77	36.29	37.89	41.91	40.46	33.97	33.55	32.27
	-2.08	-1.41	-1.20	-0.94	-1.29	-1.46	-2.67	-3.07	-3.39	-3.73	-3.82	-3.66	-3.62	-3.72	-2.78	-3.59	-3.42	-3.29	-3.11	-3.32	-3.01	-4.05	-3.08	-2.62
	0.00	0.00	0.00	0.00	-0.48	-1.19	-3.79	3.95	-0.33	-0.54	-0.51	-0.44	-0.13	-0.09	-0.32	-0.23	-0.33	-0.91	-1.66	-2.08	-1.02	-0.50	0.00	0.00
PJM 61847	33.50	33.17	31.13	31.23	32.16	34.30	45.04	46.87	48.30	47.74	48.41	48.76	41.07	45.58	43.53	41.11	43.07	45.46	50.01	56.23	49.09	42.04	37.98	35.69
	-0.58	1.06	1.02	1.03	1.04	-0.17	1.85	1.01	2.60	1.72	2.29	2.40	-3.33	2.23	2.39	0.24	2.29	2.09	2.08	2.33	1.36	1.91	1.36	0.80
	0.00	0.00	0.00	0.00	-0.48	-1.19	-6.13	-0.04	-1.69	-4.12	-3.66	-4.29	-3.31	-2.03	-1.96	-1.41	-1.91	-4.71	-8.60	-10.74	-5.28	-2.61	0.00	0.00
WEST 61752	32.75	31.31	29.47	29.81	29.97	32.51	36.20	45.71	42.89	40.33	40.86	40.51	39.26	39.27	38.41	37.67	37.29	37.80	39.56	43.78	42.25	35.27	34.46	33.04
	-1.33	-0.80	-0.63	-0.39	-0.67	-0.77	-1.48	-1.19	-1.50	-2.18	-2.17	-2.06	-1.97	-2.15	-1.14	-2.05	-1.94	-1.89	-1.65	-1.73	-1.36	-2.81	-2.16	-1.85
	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	-1.08	-0.37	-0.61	-0.57	-0.50	-0.15	-0.10	-0.37	-0.26	-0.37	-1.03	-1.88	-2.35	-1.16	-0.57	0.00	0.00