

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/16/2011

Name PTID CAPITL 61757	00:00 EDT 35.83 1.34 0.00	01:00 EDT 29.95 1.10 0.00	02:00 EDT 27.21 1.12 0.00	03:00 EDT 26.05 1.03 0.00	04:00 EDT 26.50 1.09 0.00	05:00 EDT 29.03 1.22 0.00	06:00 EDT 37.39 1.40 0.00	07:00 EDT 46.93 1.39 -9.86	08:00 EDT 41.76 1.80 -0.73	09:00 EDT 47.46 1.78 -6.14	10:00 EDT 49.89 1.88 -7.92	11:00 EDT 50.90 1.86 -9.40	12:00 EDT 55.99 1.78 -14.65	13:00 EDT 60.44 1.78 -19.01	14:00 EDT 48.47 1.78 -7.13	15:00 EDT 49.49 1.81 -7.56	16:00 EDT 50.55 1.83 -8.98	17:00 EDT 46.39 1.83 -3.80	18:00 EDT 48.61 1.74 -7.27	19:00 EDT 43.94 1.62 -2.72	20:00 EDT 48.47 1.66 -7.25	21:00 EDT 46.30 1.70 -5.08	22:00 EDT 43.71 1.69 -5.36	23:00 EDT 43.54 1.43 -6.25
CENTRL 61754	34.14 -0.34 0.00	28.57 -0.29 0.00	25.93 -0.16 0.00	24.88 -0.15 0.00	25.26 -0.15 0.00	27.59 -0.22 0.00	35.91 -0.07 0.00	36.95 0.14 -1.13	39.38 0.08 -0.08	40.39 0.16 -0.69	41.26 0.32 -0.90	41.02 0.32 -1.06	41.41 0.20 -1.66	42.11 0.32 -2.15	40.61 0.24 -0.82	41.48 0.48 -0.87	41.21 0.44 -1.03	41.52 0.33 -0.44	40.71 0.28 -0.83	40.19 0.28 -0.31	40.63 0.24 -0.83	40.30 0.20 -0.58	37.42 0.15 -0.61	36.39 -0.18 -0.72
DUNWOD 61760	37.58 3.10 0.00	31.25 2.40 0.00	28.30 2.22 0.00	27.00 1.98 0.00	27.42 2.01 0.00	30.17 2.36 0.00	39.01 3.02 0.00	45.90 3.21 -7.01	43.58 3.84 -0.52	47.94 4.03 -4.37	53.61 4.13 -9.40	58.90 4.08 -15.17	62.67 4.04 -19.07	66.44 4.08 -22.71	77.18 4.00 -33.62	85.70 4.17 -41.40	86.79 4.13 -42.92	77.93 4.20 -32.97	56.29 4.08 -12.61	52.82 4.12 -9.10	53.68 4.11 -10.00	49.07 4.11 -5.44	44.02 3.52 -3.84	43.27 2.94 -4.48
GENESE 61753	32.65 -1.83 0.00	27.18 -1.67 0.00	25.04 -1.04 0.00	23.78 -1.25 0.00	24.19 -1.22 0.00	26.31 -1.50 0.00	34.47 -1.51 0.00	35.74 -0.82 -0.88	38.26 -1.02 -0.06	39.25 -0.83 -0.54	40.18 -0.60 -0.70	39.96 -0.52 -0.83	40.10 -0.75 -1.30	40.77 -0.55 -1.68	39.52 -0.67 -0.64	40.56 -0.24 -0.67	40.30 -0.24 -0.80	40.53 -0.57 -0.34	39.65 -0.59 -0.65	39.17 -0.67 -0.24	39.42 -0.79 -0.65	39.10 -0.87 -0.45	36.52 -0.62 -0.48	35.23 -1.18 -0.56
H Q 61844	33.62 -0.45 0.41	28.98 -0.29 -0.41	25.72 -0.37 0.00	24.70 -0.33 0.00	25.21 -0.33 -0.13	30.00 -0.36 -2.55	35.61 -0.50 -0.13	32.22 -0.64 2.82	38.39 -0.82 0.00	38.67 -0.87 0.00	39.12 -0.96 0.00	38.65 -0.99 0.00	38.65 -0.91 0.00	38.65 -0.99 0.00	38.65 -0.91 0.00	39.04 -1.08 0.00	38.67 -1.07 0.00	39.74 -1.02 0.00	38.65 -0.95 0.00	38.65 -0.95 0.00	38.65 -0.91 0.00	38.65 -0.87 0.00	35.65 0.24 0.00	35.66 -0.24 -0.24
HUD VL 61758	37.72 3.24 0.00	31.40 2.54 0.00	28.43 2.35 0.00	27.18 2.15 0.00	27.60 2.19 0.00	30.34 2.53 0.00	39.26 3.27 0.00	46.01 3.39 -6.94	43.77 4.04 -0.52	48.05 4.19 -4.32	53.09 4.25 -8.76	57.64 4.20 -13.80	61.35 4.15 -17.63	65.04 4.24 -21.16	73.00 4.23 -29.21	80.30 4.33 -35.84	81.26 4.25 -37.27	73.40 4.32 -28.32	55.21 4.20 -11.42	51.81 4.28 -7.93	53.01 4.27 -9.18	48.91 4.27 -5.12	44.20 3.74 -3.80	43.44 3.15 -4.44
LONGIL 61762	38.86 4.38 0.00	32.55 3.64 -0.06	29.73 3.44 -0.20	28.24 3.20 -0.01	28.67 3.25 -0.01	31.62 3.81 0.00	40.19 4.21 0.00	49.00 4.64 -8.68	50.47 5.37 -5.88	51.54 5.50 -6.50	55.04 5.53 -9.42	60.79 5.51 -15.64	64.03 5.38 -19.09	67.61 5.23 -22.73	78.68 5.46 -33.66	87.47 5.90 -41.44	88.51 5.80 -42.97	79.56 5.79 -33.01	62.00 5.74 -16.66	60.63 5.78 -15.25	62.16 5.78 -16.82	60.46 5.73 -15.21	52.93 4.95 -11.32	51.06 4.34 -10.88
MHK VL 61756	35.31 0.83 0.00	29.32 0.46 0.00	26.48 0.39 0.00	25.60 0.58 0.00	25.79 0.38 0.00	28.42 0.61 0.00	36.85 0.86 0.00	37.64 1.14 -0.82	40.61 1.33 -0.06	41.39 1.38 -0.47	42.37 1.52 -0.76	42.22 1.51 -1.08	42.47 1.42 -1.48	42.95 1.47 -1.84	42.63 1.27 -1.81	43.77 1.48 -2.16	43.51 1.47 -2.30	43.83 1.47 -1.60	41.91 1.39 -0.92	41.55 1.39 -0.57	41.87 1.46 -0.85	41.50 1.46 -0.52	38.26 1.14 -0.46	37.32 0.93 -0.54
MILLWD 61759	37.52 3.03 0.00	31.17 2.31 0.00	28.23 2.14 0.00	26.95 1.93 0.00	27.37 1.96 0.00	30.12 2.31 0.00	38.97 2.99 0.00	45.87 3.14 -7.05	43.51 3.76 -0.53	47.89 3.95 -4.39	53.50 4.05 -9.37	58.72 4.00 -15.07	62.51 3.96 -18.99	66.33 4.04 -22.64	76.75 4.00 -33.20	85.12 4.13 -40.86	86.21 4.09 -42.38	77.43 4.16 -32.51	56.12 4.00 -12.52	52.65 4.08 -8.97	53.54 4.04 -9.94	49.02 4.07 -5.43	44.01 3.48 -3.87	43.26 2.90 -4.51
N.Y.C. 61761	37.93 3.45 0.00	31.52 2.65 0.00	28.54 2.45 0.00	27.26 2.23 0.00	27.68 2.26 0.00	30.43 2.61 0.00	39.37 3.38 0.00	46.27 3.57 -7.02	46.49 4.24 -3.04	51.70 4.43 -7.73	56.57 4.53 -11.96	61.75 4.48 -17.63	67.54 4.43 -23.54	69.72 4.44 -25.64	78.55 4.35 -34.64	88.59 4.53 -43.93	89.26 4.49 -45.02	81.09 4.61 -35.73	59.85 4.44 -15.81	56.99 4.55 -12.84	57.57 4.51 -13.50	52.68 4.51 -8.66	49.10 3.89 -8.55	43.60 3.26 -4.49
NORTH 61755	33.79 -0.69 0.00	28.40 -0.46 0.00	25.51 -0.57 0.00	24.55 -0.48 0.00	24.85 -0.56 0.00	27.28 -0.53 0.00	35.26 -0.72 0.00	35.00 -0.68 0.00	38.39 -0.82 0.00	38.75 -0.79 0.00	39.12 -0.96 0.00	38.65 -0.99 0.00	38.69 -0.87 0.00	38.65 -0.99 0.00	38.65 -0.91 0.00	39.04 -1.08 0.00	38.59 -1.15 0.00	39.70 -1.06 0.00	38.53 -1.07 0.00	38.53 -1.07 0.00	38.65 -0.91 0.00	38.61 -0.91 0.00	35.71 -0.95 0.00	35.31 -0.54 0.00
NPX 61845	36.07 2.00 0.41	30.83 1.56 -0.41	27.55 1.46 0.00	26.35 1.33 0.00	26.94 1.40 -0.13	31.85 1.59 -2.45	38.12 1.91 -0.23	43.34 1.89 -5.77	42.17 2.31 -0.64	47.22 2.33 -5.35	50.58 2.32 -8.17	52.99 2.30 -11.05	57.53 2.29 -15.68	61.64 2.34 -19.66	57.71 2.29 -15.86	61.13 2.25 -18.75	62.13 2.23 -20.16	56.62 2.32 -13.54	50.70 2.26 -8.84	46.69 2.26 -4.83	49.84 2.29 -7.99	46.79 2.21 -5.06	43.47 2.13 -4.68	43.14 1.83 -5.46

OH 61846	30.24	26.44	24.00	23.00	23.61	27.48	32.94	31.17	36.00	36.85	37.77	37.51	37.66	38.34	37.09	38.02	37.85	37.93	37.22	36.87	37.15	36.81	35.13	33.88
	-3.83	-2.83	-2.09	-2.03	-1.93	-2.78	-3.27	-2.71	-3.29	-3.32	-3.13	-3.09	-3.40	-3.25	-3.20	-2.89	-2.82	-3.22	-3.13	-3.01	-3.16	-3.24	-2.09	-2.62
	0.41	-0.41	0.00	0.00	-0.13	-2.45	-0.23	1.80	-0.08	-0.63	-0.81	-0.96	-1.50	-1.95	-0.74	-0.78	-0.93	-0.39	-0.75	-0.28	-0.75	-0.53	-0.56	-0.65
PJM 61847	32.00	30.13	27.00	25.83	26.36	31.18	37.40	38.80	41.20	44.39	48.31	51.30	54.54	54.43	62.29	67.66	68.03	62.97	49.73	47.00	48.09	45.09	41.00	40.11
	-2.07	0.87	0.91	0.80	0.81	0.92	1.19	0.89	1.61	1.70	1.80	1.78	1.62	-0.71	1.66	1.85	1.59	1.79	1.78	1.54	1.78	1.82	1.58	1.04
	0.41	-0.41	0.00	0.00	-0.13	-2.45	-0.23	-2.23	-0.38	-3.14	-6.42	-9.88	-13.36	-15.51	-21.06	-25.68	-26.69	-20.41	-8.35	-5.86	-6.75	-3.75	-2.76	-3.22
WEST 61752	31.24	26.49	24.31	23.30	23.81	25.50	33.57	35.01	37.07	38.00	39.00	38.71	38.89	39.63	38.22	39.12	39.00	39.00	38.27	37.86	38.23	37.90	35.97	34.64
	-3.24	-2.37	-1.77	-1.73	-1.60	-2.31	-2.41	-1.82	-2.24	-2.25	-2.00	-2.02	-2.37	-2.22	-2.18	-1.89	-1.79	-2.20	-2.18	-2.06	-2.18	-2.21	-1.32	-1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.15	-0.09	-0.71	-0.92	-1.09	-1.70	-2.21	-0.83	-0.88	-1.05	-0.44	-0.85	-0.32	-0.85	-0.59	-0.63	-0.73