

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/22/2013

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	33.16 1.88 0.00	29.81 1.47 0.00	29.86 1.50 0.00	30.13 1.54 0.00	33.37 1.77 0.00	37.55 2.32 -2.09	38.94 2.55 0.00	48.00 2.51 -9.04	43.75 2.92 -1.41	47.63 2.74 -7.28	48.03 2.65 -8.62	45.59 2.62 -6.63	45.00 2.53 -6.79	43.25 2.50 -5.53	38.78 2.52 -0.79	38.75 2.47 -0.92	40.69 2.41 -2.92	40.44 2.51 -2.60	43.66 2.45 -6.19	50.63 2.54 -12.77	51.92 2.70 -11.70	38.69 2.59 -0.59	34.83 2.12 0.00	34.43 1.61 0.00
CENTRL 61754	31.56 0.28 0.00	28.65 0.31 0.00	28.59 0.23 0.00	28.85 0.26 0.00	31.91 0.32 0.00	33.95 0.53 -0.29	37.52 1.13 0.00	38.92 1.13 -1.34	40.85 1.22 -0.21	39.85 1.17 -1.08	39.14 1.10 -1.28	38.27 0.94 -0.98	37.68 1.00 -1.00	37.02 0.98 -0.82	36.58 0.99 -0.12	36.38 0.88 -0.14	36.54 0.74 -0.43	36.60 0.88 -0.38	36.73 0.81 -0.91	38.05 0.85 -1.89	40.33 1.09 -1.73	36.52 0.92 -0.09	33.56 0.85 0.00	33.31 0.49 0.00
DUNWOD 61760	34.16 2.88 0.00	30.63 2.29 0.00	30.69 2.33 0.00	30.99 2.40 0.00	34.41 2.81 0.00	38.47 3.61 -1.72	40.87 4.48 0.00	48.75 4.77 -7.53	45.75 5.28 -1.05	48.78 5.19 -5.99	49.03 5.11 -7.16	46.78 4.98 -5.45	46.18 4.93 -5.58	44.53 4.82 -4.49	40.77 4.86 -0.44	40.65 4.74 -0.55	42.41 4.77 -2.28	42.14 4.80 -2.00	44.84 4.76 -5.07	50.89 4.88 -10.70	52.59 5.25 -9.83	40.57 4.76 -0.30	36.68 4.05 0.09	36.17 3.35 0.00
GENESE 61753	31.07 -0.22 0.00	28.23 -0.11 0.00	28.16 -0.20 0.00	28.42 -0.17 0.00	31.41 -0.19 0.00	33.40 0.03 -0.23	37.01 0.62 0.00	37.67 0.18 -1.04	39.77 0.20 -0.16	38.63 0.19 -0.83	37.78 0.04 -0.99	36.88 -0.22 -0.76	36.31 -0.14 -0.78	35.81 -0.04 -0.63	35.56 0.00 -0.09	35.32 -0.14 -0.11	35.38 -0.32 -0.33	35.56 -0.07 -0.30	35.51 -0.21 -0.71	36.42 -0.35 -1.46	38.63 -0.22 -1.34	35.54 -0.04 -0.07	33.07 0.36 0.00	32.85 0.03 0.00
H Q 61844	30.69 -0.60 0.00	27.89 -0.45 0.00	27.91 -0.45 0.00	28.10 -0.49 0.00	31.00 -0.60 0.00	32.21 -0.93 0.00	35.19 -1.20 0.00	35.32 -1.13 0.00	38.15 -1.26 0.00	36.36 -1.24 0.00	35.55 -1.21 0.00	35.25 -1.09 0.00	34.57 -1.11 0.00	34.12 -1.09 0.00	34.37 -1.10 0.00	34.33 -1.03 0.00	34.37 -0.99 0.00	34.27 -1.06 0.00	34.00 -1.02 0.00	34.29 -1.03 0.00	36.31 -1.20 0.00	34.45 -1.06 0.00	31.79 -0.92 0.00	32.23 -0.59 0.00
HUD VL 61758	34.51 3.22 0.00	31.00 2.66 0.00	31.08 2.72 0.00	31.36 2.77 0.00	34.82 3.22 0.00	38.86 4.01 -1.71	41.42 5.02 0.00	48.88 4.85 -7.58	45.69 5.09 -1.19	48.71 5.00 -6.10	48.95 4.96 -7.23	46.66 4.76 -5.56	46.01 4.64 -5.69	44.27 4.54 -4.51	40.54 4.58 -0.50	40.45 4.49 -0.61	42.41 4.60 -2.45	42.14 4.63 -2.18	44.87 4.66 -5.20	50.81 4.77 -10.73	52.52 5.18 -9.83	40.62 4.61 -0.49	36.60 3.89 0.00	36.23 3.41 0.00
LONGIL 61762	43.55 3.94 -8.32	37.35 3.31 -5.70	36.46 3.37 -4.72	35.14 3.46 -3.09	37.65 3.95 -2.11	51.03 4.77 -13.12	56.37 5.86 -14.11	62.07 6.23 -19.39	76.01 6.90 -29.70	76.01 6.69 -31.71	80.48 6.51 -37.21	71.75 6.32 -29.08	68.02 6.21 -26.13	66.53 6.09 -25.22	66.50 6.14 -24.89	67.90 6.01 -26.54	68.29 6.01 -26.91	68.27 6.04 -26.90	62.72 5.99 -21.72	68.93 6.08 -27.54	73.73 6.56 -29.65	63.87 5.96 -22.40	59.83 5.14 -21.98	54.06 4.46 -16.78
MHK VL 61756	31.94 0.66 0.00	28.96 0.62 0.00	28.98 0.62 0.00	29.22 0.63 0.00	32.29 0.69 0.00	34.37 0.93 -0.30	37.78 1.38 0.00	39.60 1.68 -1.48	41.41 1.78 -0.22	40.40 1.65 -1.14	39.73 1.62 -1.35	38.91 1.53 -1.04	38.21 1.46 -1.07	37.45 1.41 -0.83	36.97 1.38 -0.12	36.91 1.42 -0.14	37.18 1.38 -0.43	37.09 1.38 -0.39	37.41 1.47 -0.92	38.73 1.52 -1.90	40.98 1.73 -1.74	37.02 1.42 -0.09	33.82 1.11 0.00	33.74 0.92 0.00
MILLWD 61759	34.10 2.82 0.00	30.58 2.24 0.00	30.66 2.30 0.00	30.96 2.37 0.00	34.38 2.78 0.00	38.45 3.58 -1.73	40.87 4.48 0.00	48.72 4.70 -7.57	45.62 5.12 -1.08	48.68 5.04 -6.04	48.97 5.00 -7.21	46.68 4.83 -5.50	46.05 4.75 -5.63	44.40 4.65 -4.53	40.66 4.72 -0.48	40.51 4.56 -0.59	42.32 4.63 -2.32	42.04 4.66 -2.05	44.78 4.66 -5.11	50.77 4.70 -10.76	52.49 5.10 -9.88	40.41 4.58 -0.31	36.52 3.89 0.08	36.04 3.22 0.00
N.Y.C. 61761	34.44 3.16 0.00	30.86 2.52 0.00	30.94 2.58 0.00	31.25 2.66 0.00	34.73 3.13 0.00	38.80 3.94 -1.72	41.28 4.88 0.00	54.29 5.21 -12.63	54.69 5.75 -9.52	57.16 5.64 -13.92	55.62 5.55 -13.30	55.19 5.42 -13.43	54.94 5.32 -13.95	54.47 5.25 -14.00	53.74 5.29 -12.99	53.90 5.16 -13.38	53.99 5.20 -13.43	53.97 5.23 -13.41	54.51 5.18 -14.31	58.10 5.26 -17.52	58.16 5.66 -14.98	53.28 5.15 -12.62	44.85 4.41 -7.73	36.53 3.71 0.00
NORTH 61755	30.41 -0.88 0.00	27.72 -0.62 0.00	27.71 -0.65 0.00	27.85 -0.74 0.00	30.56 -1.04 0.00	31.68 -1.46 0.00	34.17 -2.22 0.00	34.48 -1.97 0.00	37.13 -2.29 0.00	35.31 -2.30 0.00	34.59 -2.17 0.00	34.60 -1.74 0.00	33.82 -1.86 0.00	33.35 -1.87 0.00	33.52 -1.95 0.00	33.66 -1.70 0.00	33.88 -1.48 0.00	33.53 -1.80 0.00	33.37 -1.65 0.00	33.73 -1.59 0.00	35.45 -2.06 0.00	33.66 -1.85 0.00	31.14 -1.57 0.00	32.03 -0.79 0.00
NPX 61845	33.99 2.63 -0.08	30.44 2.10 0.00	30.49 2.13 0.00	30.76 2.17 0.00	34.03 2.43 0.00	38.28 3.25 -1.89	42.20 3.90 -1.91	48.68 3.90 -8.33	45.17 4.45 -1.30	48.63 4.32 -6.70	48.93 4.23 -7.94	46.59 4.14 -6.11	46.16 4.14 -6.34	44.36 4.05 -5.10	40.77 4.11 -1.19	40.20 3.99 -0.85	42.05 3.99 -2.69	41.75 4.03 -2.39	44.64 3.92 -5.70	51.11 4.02 -11.77	52.57 4.27 -10.78	41.37 4.05 -1.81	36.14 3.43 0.00	35.67 2.85 0.00

OH 61846	30.13 -1.16 0.00	27.60 -0.74 0.00	27.40 -0.96 0.00	27.65 -0.94 0.00	30.49 -1.11 0.00	32.44 -0.99 -0.30	36.10 -0.29 0.00	37.02 -0.80 -1.37	38.57 -1.06 -0.21	37.77 -0.94 -1.11	37.00 -1.07 -1.31	36.04 -1.31 -1.01	35.64 -1.07 -1.03	35.11 -0.95 -0.84	34.81 -0.78 -0.12	34.47 -1.03 -0.14	34.57 -1.24 -0.44	34.84 -0.88 -0.40	34.94 -1.02 -0.94	36.10 -1.16 -1.94	38.17 -1.12 -1.78	34.82 -0.78 -0.09	32.51 -0.20 0.00	31.90 -0.92 0.00
PJM 61847	30.38 -0.91 0.00	27.86 -0.48 0.00	27.65 -0.71 0.00	27.85 -0.74 0.00	30.75 -0.85 0.00	32.81 -0.70 -0.37	36.83 0.44 0.00	38.38 0.22 -1.71	39.80 0.12 -0.27	39.17 0.19 -1.38	38.47 0.07 -1.63	37.45 -0.14 -1.26	37.04 0.07 -1.29	36.37 0.11 -1.05	35.76 0.14 -0.15	35.43 -0.11 -0.17	35.60 -0.32 -0.55	35.89 0.07 -0.49	36.15 -0.03 -1.18	37.67 -0.07 -2.43	39.96 0.23 -2.22	35.84 0.21 -0.11	32.87 0.16 0.00	32.16 -0.66 0.00
WEST 61752	30.60 -0.69 0.00	28.06 -0.28 0.00	27.85 -0.51 0.00	28.13 -0.46 0.00	31.00 -0.60 0.00	33.07 -0.36 -0.29	36.83 0.44 0.00	37.66 -0.15 -1.36	39.35 -0.27 -0.21	38.51 -0.19 -1.10	37.73 -0.33 -1.30	36.80 -0.54 -1.00	36.45 -0.25 -1.02	35.87 -0.18 -0.83	35.62 0.04 -0.12	35.21 -0.28 -0.14	35.13 -0.67 -0.44	35.40 -0.32 -0.39	35.46 -0.49 -0.93	36.64 -0.60 -1.92	38.71 -0.56 -1.76	35.39 -0.21 -0.09	33.10 0.39 0.00	32.43 -0.39 0.00