

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/08/2002

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	22.82 2.07 0.00	23.68 2.12 0.00	20.69 1.84 0.00	23.22 2.03 0.00	21.16 1.90 0.00	22.70 2.04 0.00	40.85 3.62 0.00	34.88 3.07 0.00	39.93 3.38 0.00	40.19 3.29 0.00	42.91 3.57 0.00	38.17 2.69 0.00	33.34 2.29 0.00	33.60 2.37 0.00	37.67 2.71 0.00	41.17 3.36 0.00	36.77 3.20 0.00	34.84 3.13 0.00	42.74 4.13 0.00	51.44 4.81 0.00	43.11 4.05 0.00	43.39 3.98 0.00	28.55 2.49 0.00	23.83 2.07 0.00
CENTRL 61754	20.19 -0.56 0.00	20.97 -0.59 0.00	18.34 -0.52 0.00	20.62 -0.57 0.00	18.73 -0.53 0.00	20.15 -0.51 0.00	36.25 -0.98 0.00	31.01 -0.80 0.00	35.66 -0.89 0.00	35.91 -0.99 0.00	38.27 -1.08 0.00	34.47 -1.00 0.00	30.19 -0.86 0.00	30.35 -0.88 0.00	33.95 -1.00 0.00	36.69 -1.12 0.00	32.58 -0.99 0.00	30.77 -0.94 0.00	37.46 -1.14 0.00	45.39 -1.24 0.00	38.00 -1.05 0.00	38.29 -1.13 0.00	25.35 -0.72 0.00	21.16 -0.59 0.00
DUNWOD 61760	21.43 0.68 0.00	22.14 0.58 0.00	19.25 0.40 0.00	21.58 0.38 0.00	19.59 0.33 0.00	21.24 0.58 0.00	38.80 1.57 0.00	33.27 1.46 0.00	38.42 1.87 0.00	39.01 2.11 0.00	41.75 2.41 0.00	37.91 2.43 0.00	33.26 2.22 0.00	33.47 2.25 0.00	37.42 2.47 0.00	40.24 2.43 0.00	35.64 2.07 0.00	33.59 1.88 0.00	40.85 2.24 0.00	48.93 2.30 0.00	40.86 1.80 0.00	41.23 1.81 0.00	27.30 1.23 0.00	22.67 0.91 0.00
GENESE 61753	20.62 -0.12 0.00	21.43 -0.13 0.00	18.75 -0.11 0.00	21.09 -0.10 0.00	19.19 -0.07 0.00	20.58 -0.08 0.00	37.00 -0.23 0.00	31.73 -0.08 0.00	36.42 -0.13 0.00	36.69 -0.21 0.00	39.02 -0.33 0.00	34.95 -0.53 0.00	30.52 -0.52 0.00	30.75 -0.47 0.00	34.40 -0.56 0.00	37.34 -0.47 0.00	33.22 -0.35 0.00	31.40 -0.31 0.00	38.28 -0.32 0.00	46.65 0.02 0.00	39.16 0.10 0.00	39.38 -0.04 0.00	25.94 -0.13 0.00	21.61 -0.15 0.00
H Q 61844	20.65 -0.09 0.00	21.49 -0.07 0.00	18.82 -0.04 0.00	21.17 -0.02 0.00	19.25 -0.01 0.00	20.63 -0.03 0.00	37.21 -0.02 0.00	31.84 0.03 0.00	36.49 -0.06 0.00	36.74 -0.17 0.00	39.11 -0.24 0.00	35.24 -0.45 1.56	30.75 -0.30 0.00	30.94 -0.29 0.00	34.67 -0.28 0.00	37.56 -0.25 0.00	33.37 -0.20 0.00	31.52 -0.19 0.00	38.42 -0.19 0.00	46.64 0.01 0.00	39.15 0.09 0.00	39.50 0.08 0.00	28.82 0.12 0.24	21.69 -0.06 0.00
HUD VL 61758	21.10 0.35 0.00	21.83 0.26 0.00	19.02 0.16 0.00	21.33 0.14 0.00	19.37 0.11 0.00	20.97 0.31 0.00	38.12 0.90 0.00	32.62 0.81 0.00	37.67 1.12 0.00	38.24 1.34 0.00	40.91 1.57 0.00	37.15 1.67 0.00	32.59 1.55 0.00	32.78 1.56 0.00	36.66 1.70 0.00	39.46 1.65 0.00	34.97 1.40 0.00	32.99 1.28 0.00	40.11 1.51 0.00	48.13 1.50 0.00	40.21 1.15 0.00	40.57 1.15 0.00	26.85 0.79 0.00	22.30 0.54 0.00
LONGIL 61762	21.79 1.04 0.00	22.54 0.98 0.00	19.56 0.71 0.00	21.92 0.72 0.00	19.92 0.66 0.00	21.66 1.00 0.00	39.74 2.52 0.00	42.08 2.24 -8.03	42.82 2.80 -3.47	45.93 2.89 -6.13	59.52 3.27 -16.90	46.77 3.19 -8.10	49.43 2.86 -15.52	53.55 2.91 -19.41	46.83 3.16 -8.71	49.64 3.12 -8.71	43.39 2.75 -7.07	43.55 2.51 -9.33	47.95 3.02 -6.33	49.55 2.88 -0.05	43.97 2.27 -2.64	43.52 2.35 -1.76	28.11 1.59 -0.46	23.01 1.25 0.00
MHK VL 61756	21.30 0.55 0.00	22.12 0.55 0.00	19.33 0.47 0.00	21.71 0.52 0.00	19.73 0.47 0.00	21.13 0.48 0.00	38.00 0.77 0.00	32.39 0.58 0.00	37.15 0.61 0.00	37.47 0.56 0.00	39.92 0.58 0.00	35.88 0.40 0.00	31.40 0.35 0.00	31.63 0.41 0.00	35.46 0.50 0.00	38.43 0.62 0.00	34.15 0.58 0.00	32.26 0.55 0.00	39.42 0.82 0.00	47.56 0.93 0.00	39.84 0.79 0.00	40.19 0.77 0.00	26.67 0.60 0.00	22.27 0.51 0.00
MILLWD 61759	21.11 0.37 0.00	21.83 0.26 0.00	18.99 0.13 0.00	21.29 0.09 0.00	19.33 0.07 0.00	20.94 0.28 0.00	38.21 0.98 0.00	32.76 0.95 0.00	37.81 1.26 0.00	38.39 1.48 0.00	41.06 1.72 0.00	37.29 1.81 0.00	32.73 1.68 0.00	32.93 1.71 0.00	36.82 1.86 0.00	39.59 1.78 0.00	35.08 1.51 0.00	33.06 1.36 0.00	40.20 1.59 0.00	48.17 1.54 0.00	40.24 1.18 0.00	40.61 1.20 0.00	26.89 0.82 0.00	22.34 0.58 0.00
N.Y.C. 61761	21.79 1.05 0.00	22.48 0.92 0.00	19.53 0.67 0.00	21.86 0.67 0.00	19.84 0.58 0.00	22.81 0.89 -1.26	52.07 2.25 -12.60	70.87 2.07 -36.99	41.01 2.49 -1.97	41.93 2.79 -2.23	45.57 3.18 -3.05	47.41 3.13 -8.81	46.47 2.82 -12.61	42.50 2.87 -8.41	46.37 3.16 -8.25	47.19 3.12 -6.26	44.50 2.66 -8.26	40.97 2.42 -6.84	54.10 2.91 -12.59	58.61 2.97 -9.02	53.08 2.40 -11.62	54.14 2.45 -12.27	40.12 1.68 -12.37	32.82 1.30 -9.76
NORTH 61755	20.81 0.07 0.00	21.65 0.08 0.00	18.98 0.12 0.00	21.35 0.16 0.00	19.42 0.16 0.00	20.81 0.15 0.00	37.51 0.29 0.00	32.08 0.27 0.00	36.76 0.21 0.00	37.00 0.09 0.00	39.39 0.04 0.00	35.42 -0.06 0.00	30.89 -0.15 0.00	31.09 -0.13 0.00	34.88 -0.08 0.00	37.81 0.00 0.00	33.59 0.02 0.00	31.73 0.02 0.00	38.71 0.11 0.00	47.03 0.40 0.00	39.50 0.44 0.00	39.82 0.41 0.00	26.22 0.15 0.00	21.86 0.10 0.00
NPX 61845	22.13 1.39 0.00	22.95 1.39 0.00	20.05 1.19 0.00	22.49 1.30 0.00	20.48 1.22 0.00	22.02 1.36 0.00	39.67 2.45 0.00	33.92 2.11 0.00	38.95 2.41 0.00	39.20 2.29 0.00	41.86 2.52 0.00	37.81 2.12 1.56	32.89 1.85 0.00	33.11 1.89 0.00	37.12 2.17 0.00	40.26 2.45 0.00	35.77 2.20 0.00	33.84 2.13 0.00	41.34 2.73 0.00	49.66 3.03 0.00	41.59 2.54 0.00	41.95 2.53 0.00	30.09 1.39 0.24	23.09 1.33 0.00

OH 61846	17.13 -3.62 0.00	17.88 -3.68 0.00	15.68 -3.17 0.00	17.66 -3.53 0.00	16.04 -3.22 0.00	17.17 -3.49 0.00	30.80 -6.43 0.00	26.30 -5.51 0.00	30.19 -6.36 0.00	30.55 -6.36 0.00	32.40 -6.95 0.00	31.48 -4.21 1.56	25.90 -5.14 0.00	26.05 -5.17 0.00	28.96 -6.00 0.00	31.09 -6.72 0.00	27.59 -5.98 0.00	26.07 -5.64 0.00	31.41 -7.20 0.00	38.29 -8.34 0.00	32.17 -6.89 0.00	32.61 -6.80 0.00	24.79 -3.91 0.24	18.07 -3.69 0.00
PJM 61847	19.89 -3.27 0.37	15.00 -2.76 1.97	16.00 -3.12 3.96	14.00 -3.50 5.83	14.00 -3.55 5.67	19.90 -4.03 2.23	34.20 -3.02 0.00	30.01 -5.53 2.35	33.42 -3.12 0.00	29.00 -5.68 3.46	35.99 -3.35 0.00	32.00 -3.69 1.56	28.76 -2.29 0.00	28.90 -2.32 0.00	32.29 -2.67 0.00	34.77 -3.04 0.00	30.81 -2.77 0.00	29.01 -2.70 0.00	24.99 -5.31 4.62	42.67 -3.95 0.00	35.73 -3.33 0.00	25.00 -6.10 7.98	24.01 -3.73 1.20	19.95 -1.81 0.00
WEST 61752	18.95 -1.80 0.00	19.82 -1.74 0.00	17.40 -1.45 0.00	19.62 -1.57 0.00	17.81 -1.45 0.00	19.00 -1.66 0.00	34.05 -3.18 0.00	29.04 -2.77 0.00	33.37 -3.17 0.00	33.75 -3.15 0.00	35.82 -3.53 0.00	32.66 -2.82 0.00	28.64 -2.41 0.00	28.80 -2.43 0.00	31.99 -2.97 0.00	34.32 -3.49 0.00	30.45 -3.12 0.00	28.76 -2.95 0.00	34.61 -3.99 0.00	42.33 -4.30 0.00	35.58 -3.48 0.00	36.06 -3.36 0.00	23.99 -2.07 0.00	19.96 -1.80 0.00