

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/19/2003

Name PTID	00:00 EDT	01:00 EDT	02:00 EDT	03:00 EDT	04:00 EDT	05:00 EDT	06:00 EDT	07:00 EDT	08:00 EDT	09:00 EDT	10:00 EDT	11:00 EDT	12:00 EDT	13:00 EDT	14:00 EDT	15:00 EDT	16:00 EDT	17:00 EDT	18:00 EDT	19:00 EDT	20:00 EDT	21:00 EDT	22:00 EDT	23:00 EDT
CAPITL 61757	39.74 2.26 0.00	29.30 1.70 0.00	23.30 1.35 0.00	39.09 2.45 0.00	25.76 1.70 0.00	17.81 1.22 0.00	39.68 2.85 0.00	46.69 3.07 0.00	54.59 3.49 0.00	58.99 3.91 0.00	51.39 2.75 0.00	45.31 2.44 0.00	49.91 3.04 0.00	50.61 3.02 0.00	50.38 3.01 0.00	50.49 3.00 0.00	56.65 3.28 0.00	61.63 3.42 0.00	52.98 3.07 0.00	52.15 2.89 0.00	51.94 2.87 0.00	44.92 2.66 0.00	33.97 1.83 0.00	42.92 2.68 0.00
CENTRL 61754	37.02 -0.47 0.00	27.25 -0.35 0.00	21.60 -0.35 0.00	36.03 -0.61 0.00	23.66 -0.41 0.00	16.34 -0.25 0.00	36.05 -0.78 0.00	42.49 -1.13 0.00	49.81 -1.29 0.00	53.76 -1.32 0.00	47.55 -1.09 0.00	41.94 -0.93 0.00	45.86 -1.00 0.00	46.54 -1.06 0.00	46.31 -1.07 0.00	46.38 -1.11 0.00	52.07 -1.30 0.00	56.87 -1.34 0.00	48.81 -1.11 0.00	48.12 -1.14 0.00	47.91 -1.15 0.00	41.38 -0.88 0.00	31.50 -0.64 0.00	39.28 -0.96 0.00
DUNWOD 61760	39.05 1.57 0.00	28.61 1.01 0.00	22.74 0.79 0.00	37.94 1.30 0.00	24.91 0.85 0.00	17.23 0.64 0.00	38.84 2.01 0.00	46.98 3.36 0.00	55.31 4.21 0.00	59.24 4.16 0.00	52.73 4.09 0.00	46.53 3.66 0.00	50.57 3.70 0.00	51.43 3.84 0.00	51.24 3.86 0.00	51.21 3.72 0.00	57.69 4.33 0.00	62.63 4.42 0.00	53.32 3.41 0.00	52.79 3.53 0.00	52.91 3.85 0.00	45.55 3.29 0.00	34.40 2.25 0.00	42.69 2.45 0.00
GENESE 61753	37.26 -0.22 0.00	27.46 -0.15 0.00	21.79 -0.16 0.00	36.28 -0.36 0.00	23.84 -0.23 0.00	16.47 -0.12 0.00	36.38 -0.46 0.00	42.56 -1.06 0.00	49.78 -1.32 0.00	54.15 -0.92 0.00	47.59 -1.05 0.00	41.96 -0.91 0.00	46.11 -0.75 0.00	46.69 -0.90 0.00	46.50 -0.88 0.00	46.70 -0.79 0.00	52.27 -1.10 0.00	57.11 -1.10 0.00	49.15 -0.76 0.00	48.27 -0.99 0.00	48.01 -1.06 0.00	41.60 -0.66 0.00	31.71 -0.44 0.00	39.55 -0.69 0.00
H Q 61844	37.09 -0.39 0.00	27.30 -0.30 0.00	21.71 -0.24 0.00	36.18 -0.46 0.00	23.78 -0.28 0.00	16.47 -0.12 0.00	36.57 -0.26 0.00	43.16 -0.45 0.00	50.52 -0.58 0.00	54.63 -0.44 0.00	48.18 -0.47 0.00	42.39 -0.47 0.00	46.37 -0.49 0.00	47.07 -0.52 0.00	46.83 -0.54 0.00	46.97 -0.52 0.00	52.78 -0.59 0.00	57.61 -0.60 0.00	49.46 -0.45 0.00	48.77 -0.49 0.00	48.45 -0.61 0.00	41.57 -0.69 0.00	31.75 -0.40 0.00	39.78 -0.46 0.00
HUD VL 61758	38.55 1.07 0.00	28.32 0.71 0.00	22.50 0.56 0.00	37.59 0.95 0.00	24.66 0.60 0.00	17.01 0.42 0.00	38.13 1.30 0.00	45.80 2.19 0.00	53.85 2.76 0.00	57.74 2.67 0.00	51.33 2.69 0.00	45.29 2.42 0.00	49.29 2.43 0.00	50.16 2.56 0.00	49.98 2.61 0.00	50.01 2.52 0.00	56.30 2.94 0.00	61.24 3.03 0.00	52.24 2.33 0.00	51.66 2.40 0.00	51.73 2.66 0.00	44.54 2.29 0.00	33.66 1.52 0.00	41.92 1.68 0.00
LONGIL 61762	39.78 2.30 0.00	29.09 1.48 0.00	23.07 1.12 0.00	38.43 1.79 0.00	25.24 1.17 0.00	17.50 0.91 0.00	39.57 2.74 0.00	51.76 4.19 -3.95	56.92 5.16 -0.66	59.84 4.76 0.00	55.72 4.56 -2.52	71.99 4.28 -24.85	53.01 4.15 -2.00	84.63 4.44 -32.60	87.31 4.53 -35.41	71.57 4.32 -19.76	58.70 5.06 -0.28	69.13 4.97 -5.95	55.25 3.91 -1.42	55.33 4.15 -1.92	55.92 4.48 -2.38	55.66 3.77 -9.63	56.27 2.74 -21.39	54.71 3.17 -11.30
MHK VL 61756	38.32 0.84 0.00	28.20 0.60 0.00	22.42 0.47 0.00	37.45 0.81 0.00	24.60 0.53 0.00	16.96 0.38 0.00	37.73 0.89 0.00	44.54 0.92 0.00	52.05 0.95 0.00	56.17 1.09 0.00	49.27 0.63 0.00	43.43 0.56 0.00	47.62 0.76 0.00	48.29 0.70 0.00	48.12 0.74 0.00	48.24 0.75 0.00	54.16 0.80 0.00	59.06 0.85 0.00	50.87 0.95 0.00	50.23 0.96 0.00	49.95 0.89 0.00	43.20 0.94 0.00	32.86 0.72 0.00	41.17 0.93 0.00
MILLWD 61759	38.55 1.07 0.00	28.25 0.64 0.00	22.45 0.50 0.00	37.46 0.82 0.00	24.59 0.53 0.00	17.00 0.41 0.00	38.28 1.45 0.00	46.25 2.63 0.00	54.43 3.33 0.00	58.31 3.23 0.00	51.90 3.26 0.00	45.79 2.92 0.00	49.77 2.91 0.00	50.62 3.03 0.00	50.43 3.06 0.00	50.42 2.93 0.00	56.79 3.43 0.00	61.68 3.47 0.00	52.54 2.63 0.00	52.01 2.75 0.00	52.12 3.05 0.00	44.84 2.59 0.00	33.92 1.78 0.00	42.08 1.84 0.00
N.Y.C. 61761	39.62 2.14 0.00	29.00 1.39 0.00	23.06 1.11 0.00	38.45 1.81 0.00	25.26 1.19 0.00	17.52 0.93 0.00	39.62 2.79 0.00	64.93 4.50 -16.81	77.04 5.56 -20.39	71.94 5.51 -11.35	72.02 5.33 -18.04	72.50 4.74 -24.90	63.34 4.83 -11.65	63.77 4.95 -11.22	64.63 4.96 -12.29	65.00 4.84 -12.66	69.26 5.59 -10.31	76.35 5.66 -12.48	62.94 4.34 -8.68	61.11 4.52 -7.33	63.21 4.91 -9.24	73.67 4.20 -27.22	70.35 2.94 -35.27	54.15 3.20 -10.71
NORTH 61755	37.38 -0.10 0.00	27.50 -0.10 0.00	21.87 -0.08 0.00	36.45 -0.19 0.00	23.96 -0.10 0.00	16.59 0.00 0.00	36.82 -0.01 0.00	43.40 -0.22 0.00	50.76 -0.34 0.00	54.94 -0.13 0.00	48.33 -0.31 0.00	42.54 -0.33 0.00	46.58 -0.28 0.00	47.25 -0.34 0.00	47.02 -0.35 0.00	47.16 -0.33 0.00	52.97 -0.39 0.00	57.81 -0.40 0.00	49.69 -0.23 0.00	48.99 -0.27 0.00	48.63 -0.43 0.00	41.79 -0.47 0.00	31.91 -0.23 0.00	40.04 -0.21 0.00
NPX 61845	38.61 1.13 0.00	28.45 0.85 0.00	22.62 0.67 0.00	37.94 1.30 0.00	24.95 0.88 0.00	17.17 0.59 0.00	38.29 1.46 0.00	45.23 1.62 0.00	53.05 1.95 0.00	57.14 2.06 0.00	50.08 1.43 0.00	44.14 1.27 0.00	48.38 1.52 0.00	49.14 1.55 0.00	48.99 1.61 0.00	49.13 1.64 0.00	55.16 1.80 0.00	60.01 1.80 0.00	51.48 1.56 0.00	50.78 1.52 0.00	50.66 1.60 0.00	43.76 1.50 0.00	33.11 0.97 0.00	41.78 1.54 0.00

OH 61846	31.50 -5.98 0.00	23.26 -4.34 0.00	18.53 -3.42 0.00	30.82 -5.82 0.00	20.22 -3.84 0.00	13.87 -2.72 0.00	30.38 -6.45 0.00	35.58 -8.04 0.00	41.57 -9.53 0.00	44.81 -10.27 0.00	40.23 -8.42 0.00	35.46 -7.41 0.00	38.61 -8.25 0.00	39.31 -8.29 0.00	39.01 -8.36 0.00	39.22 -8.27 0.00	44.13 -9.23 0.00	48.45 -9.76 0.00	41.46 -8.46 0.00	40.83 -8.43 0.00	40.75 -8.31 0.00	34.98 -7.28 0.00	26.78 -5.36 0.00	33.48 -6.76 0.00
PJM 61847	35.56 -1.92 0.00	26.10 -1.50 0.00	20.80 -1.15 0.00	34.66 -1.98 0.00	22.74 -1.33 0.00	15.60 -0.99 0.00	34.50 -2.33 0.00	40.91 -2.71 0.00	47.87 -3.23 0.00	51.43 -3.64 0.00	44.95 -3.69 0.00	39.59 -3.28 0.00	43.02 -3.85 0.00	43.76 -3.83 0.00	43.45 -3.92 0.00	43.52 -3.97 0.00	48.96 -4.41 0.00	53.56 -4.65 0.00	45.86 -4.06 0.00	45.32 -3.94 0.00	45.04 -4.02 0.00	38.69 -3.56 0.00	29.39 -2.75 0.00	30.00 -4.20 8.20
WEST 61752	35.26 -2.23 0.00	26.06 -1.55 0.00	20.75 -1.20 0.00	34.46 -2.17 0.00	22.60 -1.46 0.00	15.48 -1.11 0.00	33.84 -2.99 0.00	39.60 -4.02 0.00	46.30 -4.79 0.00	49.94 -5.14 0.00	44.83 -3.81 0.00	39.51 -3.35 0.00	42.96 -3.91 0.00	43.69 -3.91 0.00	43.33 -4.04 0.00	43.60 -3.89 0.00	49.06 -4.30 0.00	53.87 -4.34 0.00	46.09 -3.82 0.00	45.35 -3.91 0.00	45.19 -3.87 0.00	38.78 -3.48 0.00	29.77 -2.37 0.00	37.15 -3.09 0.00