

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$ --- Marginal Cost of Losses --- Marginal Cost of Congestion

Zonal Prices Date: 05/03/2000

| Name Ptid | 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 |
|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| CAPITL 61757 | 18.75 0.26 0.00 | 14.02 0.36 0.00 | 18.46 0.62 0.00 | 18.87 0.62 0.00 | 18.88 0.57 0.00 | 19.75 0.43 -0.03 | 32.60 0.28 -12.74 | 25.26 0.20 -0.10 | 21.77 0.00 0.00 | 21.45 -0.09 0.00 | 24.32 -0.06 0.00 | 31.23 0.25 0.00 | 34.75 0.47 0.00 | 33.54 0.35 0.00 | 43.38 0.41 0.00 | 45.43 0.49 -8.04 | 49.29 0.60 0.00 | 35.64 0.29 0.00 | 33.15 0.16 0.00 | 31.69 0.16 0.00 | 201.22 2.89 0.00 | 138.52 1.97 0.00 | 65.68 0.90 0.00 | 22.42 0.32 -0.79 |
| CENTRL 61754 | 18.16 -0.33 0.00 | 13.42 -0.24 0.00 | 17.51 -0.32 0.00 | 17.89 -0.36 0.00 | 17.98 -0.33 0.00 | 18.95 -0.34 0.00 | 20.50 -0.31 -1.22 | 24.58 -0.39 -0.01 | 21.45 -0.33 0.00 | 21.22 -0.32 0.00 | 24.00 -0.38 0.00 | 30.44 -0.53 0.00 | 33.62 -0.66 0.00 | 32.53 -0.66 0.00 | 42.12 -0.85 0.00 | 36.91 -0.76 -0.77 | 47.65 -1.04 0.00 | 34.63 -0.71 0.00 | 32.36 -0.63 0.00 | 30.93 -0.59 0.00 | 194.26 -4.08 0.00 | 133.77 -2.78 0.00 | 63.51 -1.27 0.00 | 20.99 -0.39 -0.07 |
| DUNWOD 61760 | 19.83 1.34 0.00 | 14.48 0.82 0.00 | 18.72 0.88 0.00 | 19.08 0.83 0.00 | 19.15 0.85 0.00 | 20.45 1.14 -0.02 | 30.89 1.47 -9.84 | 27.09 2.06 -0.07 | 23.66 1.89 0.00 | 23.53 1.99 0.00 | 26.75 2.37 0.00 | 33.87 2.89 0.00 | 37.26 2.97 0.00 | 36.16 2.97 0.00 | 46.70 3.73 0.00 | 46.23 3.12 -6.22 | 52.86 4.16 0.00 | 38.49 3.14 0.00 | 35.93 2.93 0.00 | 34.33 2.81 0.00 | 215.62 17.28 0.00 | 148.27 11.72 0.00 | 70.06 5.28 0.00 | 23.29 1.37 -0.61 |
| GENESE 61753 | 17.83 -0.66 0.00 | 13.27 -0.40 0.00 | 17.43 -0.40 0.00 | 17.92 -0.33 0.00 | 18.03 -0.27 0.00 | 18.81 -0.48 0.00 | 19.97 -0.65 -1.04 | 24.10 -0.87 -0.01 | 21.06 -0.71 0.00 | 20.84 -0.70 0.00 | 23.53 -0.85 0.00 | 29.91 -1.07 0.00 | 33.17 -1.11 0.00 | 31.98 -1.21 0.00 | 41.41 -1.56 0.00 | 36.19 -1.36 -0.66 | 46.84 -1.85 0.00 | 33.91 -1.43 0.00 | 31.59 -1.40 0.00 | 30.17 -1.36 0.00 | 190.16 -8.18 0.00 | 131.00 -5.55 0.00 | 62.26 -2.52 0.00 | 20.70 -0.67 -0.06 |
| H Q 61844 | 18.04 -0.45 0.00 | 13.34 -0.32 0.00 | 17.44 -0.39 0.00 | 17.88 -0.37 0.00 | 17.95 -0.36 0.00 | 18.90 -0.39 0.00 | 19.08 -0.46 0.05 | 24.46 -0.51 0.00 | 21.35 -0.43 0.00 | 21.14 -0.40 0.00 | 23.87 -0.51 0.00 | 30.31 -0.66 0.00 | 33.58 -0.70 0.00 | 32.51 -0.68 0.00 | 42.06 -0.91 0.00 | 36.04 -0.83 0.03 | 47.66 -1.04 0.00 | 34.59 -0.75 0.00 | 32.28 -0.71 0.00 | 30.84 -0.68 0.00 | 194.11 -4.22 0.00 | 133.66 -2.89 0.00 | 63.44 -1.34 0.00 | 20.88 -0.43 0.00 |
| HUD VL 61758 | 19.44 0.95 0.00 | 14.25 0.58 0.00 | 18.47 0.63 0.00 | 18.83 0.58 0.00 | 18.88 0.58 0.00 | 20.09 0.79 -0.02 | 30.35 1.02 -9.75 | 26.46 1.42 -0.07 | 23.08 1.30 0.00 | 22.90 1.36 0.00 | 26.00 1.62 0.00 | 32.89 1.92 0.00 | 36.28 2.00 0.00 | 35.19 2.00 0.00 | 45.50 2.53 0.00 | 45.17 2.12 -6.15 | 51.52 2.83 0.00 | 37.47 2.12 0.00 | 35.04 2.05 0.00 | 33.48 1.95 0.00 | 210.30 11.96 0.00 | 144.68 8.13 0.00 | 68.47 3.69 0.00 | 22.92 1.01 -0.61 |

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|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| LONGIL 61762 | 20.36 1.87 0.00 | 14.82 1.16 0.00 | 19.12 1.29 0.00 | 19.48 1.23 0.00 | 19.57 1.26 0.00 | 20.94 1.63 -0.02 | 31.48 2.03 -9.88 | 27.72 2.69 -0.07 | 23.92 2.14 0.00 | 23.78 2.24 0.00 | 27.04 2.66 0.00 | 34.24 3.27 0.00 | 37.62 3.34 0.00 | 36.51 3.31 0.00 | 47.07 4.10 0.00 | 46.51 3.38 -6.22 | 53.42 4.73 0.00 | 39.11 3.77 0.00 | 36.51 3.52 0.00 | 35.01 3.48 0.00 | 220.48 22.14 0.00 | 151.52 14.98 0.00 | 71.47 6.69 0.00 | 23.70 1.78 -0.62 |
| MHK VL 61756 | 18.39 -0.10 0.00 | 13.64 -0.03 0.00 | 17.83 0.00 0.00 | 18.25 -0.01 0.00 | 18.31 0.00 0.00 | 19.26 -0.03 0.00 | 19.84 -0.04 -0.30 | 24.91 -0.05 0.00 | 21.72 -0.06 0.00 | 21.48 -0.05 0.00 | 24.32 -0.06 0.00 | 30.95 -0.03 0.00 | 34.26 -0.02 0.00 | 33.10 -0.09 0.00 | 42.77 -0.19 0.00 | 36.93 -0.15 -0.19 | 48.50 -0.20 0.00 | 35.18 -0.16 0.00 | 32.83 -0.16 0.00 | 31.37 -0.16 0.00 | 197.52 -0.81 0.00 | 136.02 -0.53 0.00 | 64.57 -0.22 0.00 | 21.29 -0.03 -0.02 |
| MILLWD 61759 | 19.63 1.14 0.00 | 14.34 0.68 0.00 | 18.54 0.71 0.00 | 18.91 0.66 0.00 | 18.98 0.67 0.00 | 20.25 0.94 -0.02 | 30.45 1.24 -9.63 | 26.79 1.75 -0.07 | 23.41 1.63 0.00 | 23.26 1.73 0.00 | 26.44 2.06 0.00 | 33.46 2.49 0.00 | 36.80 2.52 0.00 | 35.72 2.53 0.00 | 46.14 3.17 0.00 | 45.63 2.65 -6.08 | 52.23 3.54 0.00 | 38.02 2.67 0.00 | 35.50 2.51 0.00 | 33.93 2.40 0.00 | 213.00 14.66 0.00 | 146.48 9.93 0.00 | 69.25 4.46 0.00 | 23.06 1.15 -0.60 |
| N.Y.C. 61761 | 20.17 1.68 0.00 | 14.70 1.03 0.00 | 18.97 1.13 0.00 | 19.33 1.08 0.00 | 19.41 1.10 0.00 | 20.76 1.45 -0.02 | 31.29 1.86 -9.85 | 27.64 2.60 -0.07 | 24.15 2.38 0.00 | 24.07 2.53 0.00 | 27.38 3.00 0.00 | 37.89 3.69 -3.23 | 38.27 3.82 -0.17 | 37.79 3.82 -0.78 | 48.46 4.79 -0.70 | 47.19 3.99 -6.30 | 53.99 5.30 0.00 | 39.31 3.97 0.00 | 36.68 3.69 0.00 | 35.05 3.52 0.00 | 220.08 21.74 0.00 | 151.28 14.73 0.00 | 71.40 6.62 0.00 | 23.61 1.69 -0.62 |
| NORTH 61755 | 17.89 -0.60 0.00 | 13.26 -0.40 0.00 | 17.36 -0.47 0.00 | 17.80 -0.45 0.00 | 17.88 -0.43 0.00 | 18.80 -0.49 0.00 | 18.92 -0.60 0.07 | 24.33 -0.64 0.00 | 21.20 -0.57 0.00 | 21.00 -0.54 0.00 | 23.70 -0.68 0.00 | 30.12 -0.85 0.00 | 33.40 -0.89 0.00 | 32.31 -0.88 0.00 | 41.78 -1.19 0.00 | 35.77 -1.09 0.04 | 47.35 -1.34 0.00 | 34.36 -0.99 0.00 | 32.05 -0.95 0.00 | 30.62 -0.91 0.00 | 193.13 -5.20 0.00 | 132.99 -3.56 0.00 | 63.12 -1.66 0.00 | 20.77 -0.53 0.00 |
| NPX 61845 | 18.68 0.19 0.00 | 13.86 0.20 0.00 | 18.16 0.33 0.00 | 18.57 0.31 0.00 | 18.59 0.28 0.00 | 19.54 0.22 -0.02 | 31.49 0.21 -11.70 | 25.24 0.19 -0.09 | 21.82 0.04 0.00 | 21.54 0.00 0.00 | 24.45 0.07 0.00 | 31.23 0.25 0.00 | 34.68 0.40 0.00 | 33.55 0.36 0.00 | 43.41 0.44 0.00 | 44.77 0.50 -7.38 | 49.28 0.58 0.00 | 35.69 0.35 0.00 | 33.24 0.25 0.00 | 31.75 0.22 0.00 | 200.96 2.62 0.00 | 138.31 1.76 0.00 | 65.54 0.76 0.00 | 22.24 0.21 -0.73 |
| O H 61846 | 17.90 -0.59 0.00 | 13.08 -0.58 0.00 | 17.12 -0.71 0.00 | 17.70 -0.55 0.00 | 17.86 -0.45 0.00 | 18.79 -0.50 0.00 | 20.18 -0.69 -1.29 | 23.89 -1.08 -0.01 | 21.03 -0.75 0.00 | 20.80 -0.73 0.00 | 23.35 -1.03 0.00 | 29.36 -1.61 0.00 | 32.22 -2.06 0.00 | 31.20 -1.99 0.00 | 40.58 -2.39 0.00 | 35.56 -2.15 -0.81 | 45.91 -2.78 0.00 | 33.40 -1.94 0.00 | 31.26 -1.73 0.00 | 29.89 -1.64 0.00 | 186.07 -12.27 0.00 | 128.31 -8.24 0.00 | 61.20 -3.58 0.00 | 20.60 -0.78 -0.08 |
| PJM 61847 | 17.76 -0.73 0.00 | 13.01 -0.66 0.00 | 16.92 -0.91 0.00 | 17.35 -0.90 0.00 | 17.47 -0.84 0.00 | 18.54 -0.76 0.00 | 20.50 -0.74 -1.66 | 24.02 -0.96 -0.01 | 21.09 -0.69 0.00 | 20.88 -0.65 0.00 | 23.57 -0.81 0.00 | 29.73 -1.24 0.00 | 32.66 -1.62 0.00 | 31.70 -1.49 0.00 | 41.11 -1.86 0.00 | 36.27 -1.67 -1.05 | 46.60 -2.09 0.00 | 33.90 -1.45 0.00 | 31.69 -1.30 0.00 | 30.27 -1.26 0.00 | 188.71 -9.62 0.00 | 130.02 -6.53 0.00 | 61.84 -2.95 0.00 | 20.57 -0.83 -0.10 |
| WEST 61752 | 17.97 -0.52 | 13.13 -0.53 | 17.19 -0.64 | 17.78 -0.48 | 17.94 -0.37 | 18.86 -0.43 | 20.21 -0.65 | 23.94 -1.03 | 21.09 -0.69 | 20.88 -0.66 | 23.42 -0.96 | 29.44 -1.54 | 32.32 -1.96 | 31.34 -1.85 | 40.79 -2.18 | 35.73 -1.98 | 46.10 -2.60 | 33.56 -1.79 | 31.43 -1.56 | 30.05 -1.47 | 187.03 -11.31 | 128.97 -7.58 | 61.51 -3.27 | 20.70 |

0.00 0.00 0.00 0.00 0.00 0.00 -1.28 -0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.81 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.69
-0.08