

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Prices

Date: 02/1/2000

| 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 | 28.47 | 18.92 | 17.70 | 14.24 | 12.56 | 13.63 | 33.00 | 43.79 | 45.98 | 45.65 | 78.70 | 45.52 | 45.72 | 45.09 | 44.95 | 47.09 | 66.09 | 42.26 | 45.15 | 46.14 | 51.95 | 44.35 | 45.43 | 44.74 |
| | 1.93 | 1.21 | 1.21 | 0.84 | 0.75 | 0.91 | 2.28 | 2.49 | 2.45 | 2.28 | 4.10 | 2.39 | 2.49 | 2.24 | 1.69 | 2.24 | 2.94 | 1.97 | 2.15 | 2.31 | 2.70 | 1.96 | 2.31 | 2.64 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.50 | 0.00 | -7.52 | -0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -8.59 | -0.64 | 0.00 |
| CENTRL 61754 | 25.68 | 17.09 | 15.92 | 13.00 | 11.50 | 12.36 | 29.63 | 39.94 | 42.18 | 42.08 | 72.29 | 41.77 | 41.41 | 41.51 | 35.37 | 43.07 | 61.30 | 39.22 | 41.94 | 42.68 | 47.92 | 33.74 | 41.20 | 40.76 |
| | -0.86 | -0.62 | -0.56 | -0.40 | -0.31 | -0.37 | -1.08 | -1.36 | -1.35 | -1.29 | -2.31 | -1.35 | -1.37 | -1.34 | -1.08 | -1.39 | -1.85 | -1.06 | -1.06 | -1.15 | -1.33 | -0.97 | -1.35 | -1.34 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.05 | 0.00 | -0.71 | -0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.91 | -0.07 | 0.00 |
| DUNWOD 61760 | 28.13 | 18.74 | 17.30 | 14.13 | 12.44 | 13.48 | 33.04 | 44.79 | 47.40 | 47.42 | 81.55 | 47.22 | 47.18 | 46.99 | 45.36 | 49.16 | 69.45 | 44.46 | 47.10 | 47.82 | 53.48 | 43.33 | 46.16 | 44.57 |
| | 1.59 | 1.02 | 0.81 | 0.72 | 0.63 | 0.76 | 2.33 | 3.49 | 3.88 | 4.04 | 6.95 | 4.10 | 4.04 | 4.14 | 3.51 | 4.40 | 6.31 | 4.18 | 4.10 | 3.99 | 4.24 | 2.82 | 3.18 | 2.47 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.40 | 0.00 | -6.10 | -0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.72 | -0.50 | 0.00 |
| GENESE 61753 | 25.80 | 17.21 | 16.14 | 13.04 | 11.54 | 12.42 | 29.78 | 40.05 | 42.21 | 42.13 | 72.54 | 41.91 | 41.50 | 41.48 | 35.21 | 42.99 | 61.06 | 39.10 | 41.95 | 42.79 | 48.08 | 33.59 | 41.27 | 41.25 |
| | -0.74 | -0.51 | -0.35 | -0.36 | -0.27 | -0.31 | -0.94 | -1.24 | -1.32 | -1.25 | -2.06 | -1.22 | -1.28 | -1.37 | -1.17 | -1.47 | -2.08 | -1.19 | -1.05 | -1.04 | -1.17 | -1.02 | -1.27 | -0.84 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 | 0.00 | -0.64 | -0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.82 | -0.06 | 0.00 |
| H Q 61844 | 26.44 | 17.69 | 16.49 | 13.39 | 11.80 | 12.72 | 30.59 | 41.10 | 43.12 | 42.90 | 73.92 | 42.73 | 42.30 | 42.40 | 35.33 | 43.95 | 62.36 | 39.74 | 42.46 | 43.31 | 48.70 | 33.36 | 42.21 | 41.82 |
| | -0.10 | -0.02 | 0.01 | -0.01 | 0.00 | 0.00 | -0.13 | -0.19 | -0.41 | -0.48 | -0.68 | -0.40 | -0.44 | -0.45 | -0.36 | -0.47 | -0.78 | -0.55 | -0.54 | -0.52 | -0.55 | -0.38 | -0.26 | -0.28 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| HUD VL 61758 | 27.63 | 18.43 | 17.02 | 13.90 | 12.23 | 13.23 | 32.31 | 43.67 | 46.11 | 46.05 | 79.23 | 45.85 | 45.82 | 45.62 | 44.19 | 47.66 | 67.30 | 43.07 | 45.73 | 46.50 | 52.07 | 42.40 | 45.07 | 43.73 |
| | 1.09 | 0.71 | 0.54 | 0.49 | 0.42 | 0.51 | 1.60 | 2.37 | 2.59 | 2.68 | 4.63 | 2.72 | 2.67 | 2.77 | 2.33 | 2.89 | 4.16 | 2.78 | 2.73 | 2.67 | 2.83 | 1.88 | 2.09 | 1.63 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.40 | 0.00 | -6.12 | -0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.72 | -0.50 | 0.00 |
| LONGIL 61762 | 49.09 | 19.19 | 17.74 | 14.48 | 12.76 | 38.55 | 59.75 | 73.49 | 123.36 | 121.92 | 145.74 | 115.63 | 115.39 | 115.58 | 115.57 | 108.67 | 86.91 | 131.63 | 132.40 | 127.21 | 121.56 | 118.06 | 81.38 | 45.33 |
| | 2.27 | 1.48 | 1.25 | 1.08 | 0.95 | 1.13 | 3.18 | 4.68 | 5.02 | 5.09 | 8.64 | 5.21 | 5.07 | 5.11 | 4.31 | 5.31 | 7.37 | 5.00 | 4.83 | 4.63 | 5.00 | 3.61 | 4.10 | 3.24 |
| | | | | | | | | | | | | | | | | | | | | | | | | |

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|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|
| | -20.27 | 0.00 | 0.00 | 0.00 | 0.00 | -24.69 | -25.86 | -27.51 | -74.82 | -73.46 | -62.50 | -67.30 | -67.58 | -67.62 | -75.52 | -58.94 | -16.40 | -86.35 | -84.58 | -78.75 | -67.31 | -80.65 | -34.80 | 0.00 |
| MHK VL 61756 | 26.81 0.27 0.00 | 17.87 0.16 0.00 | 16.70 0.21 0.00 | 13.51 0.11 0.00 | 11.91 0.10 0.00 | 12.85 0.12 0.00 | 31.02 0.31 0.00 | 41.62 0.32 0.00 | 43.84 0.31 0.00 | 43.62 0.25 0.00 | 75.09 0.49 0.00 | 43.42 0.29 0.00 | 43.03 0.29 -0.01 | 43.15 0.30 0.00 | 36.09 0.20 -0.16 | 44.70 0.27 -0.01 | 63.57 0.43 0.00 | 40.64 0.36 0.00 | 43.37 0.36 0.00 | 44.18 0.35 0.00 | 49.59 0.34 0.00 | 34.21 0.19 -0.22 | 42.61 0.12 -0.02 | 42.40 0.31 0.00 |
| MILLWD 61759 | 27.73 1.19 0.00 | 18.47 0.76 0.00 | 17.06 0.57 0.00 | 13.93 0.53 0.00 | 12.27 0.46 0.00 | 13.29 0.56 0.00 | 32.54 1.83 0.00 | 44.08 2.78 0.00 | 46.62 3.09 0.00 | 46.62 3.24 0.00 | 80.18 5.57 0.00 | 46.42 3.29 0.00 | 46.39 3.25 -0.40 | 46.21 3.36 0.00 | 44.66 2.86 -6.06 | 48.34 3.58 -0.34 | 68.29 5.14 0.00 | 43.71 3.43 0.00 | 46.33 3.33 0.00 | 47.04 3.21 0.00 | 52.63 3.38 0.00 | 42.68 2.24 -6.65 | 45.45 2.48 -0.50 | 43.94 1.84 0.00 |
| N.Y.C. 61761 | 28.62 2.08 0.00 | 19.04 1.32 0.00 | 17.57 1.08 0.00 | 14.33 0.93 0.00 | 12.62 0.81 0.00 | 13.69 0.96 0.00 | 33.83 3.12 0.00 | 46.09 4.80 0.00 | 48.91 5.39 0.00 | 49.06 5.69 0.00 | 84.35 9.75 0.00 | 48.83 5.70 0.00 | 48.78 5.64 -0.40 | 48.62 5.77 0.00 | 46.73 4.89 -6.11 | 50.90 6.14 -0.34 | 71.94 8.80 0.00 | 46.06 5.77 0.00 | 48.70 5.70 0.00 | 49.38 5.55 0.00 | 55.16 5.91 0.00 | 44.44 3.92 -6.72 | 47.43 4.45 -0.50 | 45.59 3.49 0.00 |
| NORTH 61755 | 26.43 -0.11 0.00 | 17.69 -0.02 0.00 | 16.52 0.04 0.00 | 13.38 -0.02 0.00 | 11.80 -0.01 0.00 | 12.73 0.00 0.00 | 30.64 -0.08 0.00 | 41.16 -0.14 0.00 | 42.98 -0.54 0.00 | 42.74 -0.63 0.00 | 73.71 -0.89 0.00 | 42.59 -0.54 0.00 | 42.15 -0.58 0.00 | 42.24 -0.61 0.00 | 35.17 -0.51 0.07 | 43.80 -0.63 0.00 | 62.16 -0.98 0.00 | 39.65 -0.64 0.00 | 42.36 -0.64 0.00 | 43.20 -0.63 0.00 | 48.54 -0.70 0.00 | 33.22 -0.50 0.08 | 42.04 -0.43 0.01 | 41.67 -0.43 0.00 |
| NPX 61845 | 27.59 1.05 0.00 | 18.35 0.63 0.00 | 17.11 0.62 0.00 | 13.85 0.44 0.00 | 12.20 0.40 0.00 | 13.23 0.50 0.00 | 32.05 1.34 0.00 | 42.76 1.46 0.00 | 45.01 1.48 0.00 | 44.78 1.41 0.00 | 77.19 2.59 0.00 | 44.65 1.52 0.00 | 44.72 1.51 -0.47 | 44.24 1.39 0.00 | 43.87 1.05 -7.07 | 46.23 1.41 -0.39 | 64.96 1.82 0.00 | 41.46 1.17 0.00 | 44.18 1.18 0.00 | 45.11 1.27 0.00 | 50.70 1.46 0.00 | 42.86 1.07 -8.00 | 44.34 1.27 -0.60 | 43.44 1.34 0.00 |
| O H 61846 | 24.76 -1.78 0.00 | 16.67 -1.04 0.00 | 15.50 -0.99 0.00 | 12.73 -0.68 0.00 | 11.17 -0.64 0.00 | 11.85 -0.87 0.00 | 28.00 -2.71 0.00 | 38.02 -3.28 0.00 | 40.22 -3.31 0.00 | 40.09 -3.28 0.00 | 69.13 -5.47 0.00 | 39.98 -3.15 0.00 | 39.64 -3.15 -0.06 | 39.71 -3.14 0.00 | 34.07 -2.51 -0.85 | 41.15 -3.32 -0.04 | 58.78 -4.36 0.00 | 37.47 -2.82 0.00 | 40.21 -2.79 0.00 | 40.96 -2.87 0.00 | 45.96 -3.29 0.00 | 32.38 -2.50 -1.08 | 39.79 -2.77 -0.08 | 40.19 -1.91 0.00 |
| PJM 61847 | 23.85 -1.64 0.00 | 15.94 -1.01 0.00 | 14.50 -0.97 0.00 | 12.21 -0.72 0.00 | 10.16 -0.62 0.00 | 10.56 -0.70 0.00 | 24.31 -1.74 0.00 | 35.16 -2.20 0.00 | 38.88 -2.36 0.00 | 24.05 -1.50 0.00 | 66.82 -4.02 0.00 | 37.29 -2.21 0.00 | 38.30 -2.29 -0.07 | 36.45 -2.09 0.00 | 34.37 -1.08 -1.13 | 38.66 -1.40 -0.06 | 57.09 -1.78 0.00 | 36.97 -1.13 0.00 | 40.02 -1.17 0.00 | 41.08 -1.27 0.00 | 44.12 -1.43 0.00 | 33.50 -1.11 -1.20 | 39.64 -1.48 -0.11 | 37.95 -1.40 0.00 |
| WEST 61752 | 24.71 -1.83 0.00 | 16.68 -1.04 0.00 | 15.51 -0.97 0.00 | 12.74 -0.66 0.00 | 11.18 -0.63 0.00 | 11.84 -0.88 0.00 | 27.90 -2.81 0.00 | 37.95 -3.35 0.00 | 40.13 -3.40 0.00 | 40.16 -3.22 0.00 | 69.12 -5.48 0.00 | 39.91 -3.22 0.00 | 39.58 -3.22 -0.06 | 39.66 -3.19 0.00 | 33.99 -2.59 -0.83 | 41.02 -3.44 -0.04 | 58.61 -4.53 0.00 | 37.37 -2.92 0.00 | 40.19 -2.81 0.00 | 40.95 -2.88 0.00 | 45.97 -3.28 0.00 | 32.32 -2.54 -1.06 | 39.71 -2.85 -0.08 | 40.08 -2.02 0.00 |