

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

10/17/2002

| 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 | 34.26 3.31 0.00 | 49.19 4.86 0.00 | 52.68 5.09 0.00 | 55.42 5.26 0.00 | 54.11 5.14 0.00 | 51.08 4.71 0.00 | 83.21 7.74 0.00 | 96.81 8.40 0.00 | 48.55 3.63 0.00 | 43.65 2.39 -6.88 | 87.22 5.74 8.19 | 49.04 2.95 0.00 | 49.18 3.13 0.00 | 47.26 2.72 0.00 | 50.47 3.59 0.00 | 46.59 3.31 0.00 | 53.64 4.26 0.00 | 48.95 3.45 0.00 | 55.29 3.85 0.00 | 44.16 3.09 0.00 | 45.56 3.57 0.00 | 46.50 3.68 0.04 | 34.83 2.65 0.32 | 44.29 3.46 0.00 |
| CENTRL 61754 | 29.96 -0.99 0.00 | 42.70 -1.64 0.00 | 45.80 -1.78 0.00 | 48.30 -1.87 0.00 | 47.16 -1.82 0.00 | 44.75 -1.61 0.00 | 73.03 -2.44 0.00 | 85.71 -2.69 0.00 | 43.65 -1.26 0.00 | 34.22 -0.92 -0.76 | 21.20 -1.63 66.85 | 45.16 -0.93 0.00 | 45.00 -1.06 0.00 | 43.45 -1.08 0.00 | 45.64 -1.24 0.00 | 42.09 -1.19 0.00 | 47.99 -1.39 0.00 | 44.29 -1.21 0.00 | 50.16 -1.28 0.00 | 40.11 -0.96 0.00 | 40.94 -1.05 0.00 | 41.36 -1.20 0.31 | 29.47 -0.99 2.04 | 39.56 -1.28 0.00 |
| DUNWOD 61760 | 31.88 0.93 0.00 | 45.56 1.22 0.00 | 48.72 1.13 0.00 | 51.24 1.08 0.00 | 50.05 1.07 0.00 | 47.61 1.24 0.00 | 78.20 2.73 0.00 | 91.95 3.55 0.00 | 47.01 2.10 0.00 | 41.72 1.97 -5.38 | 85.28 4.75 9.14 | 48.36 2.26 0.00 | 48.57 2.51 0.00 | 47.44 2.91 0.00 | 49.55 2.67 0.00 | 45.81 2.53 0.00 | 52.18 2.80 0.00 | 48.03 2.53 0.00 | 54.68 3.24 0.00 | 43.61 2.54 0.00 | 44.25 2.25 0.00 | 45.16 2.33 0.04 | 34.17 1.91 0.24 | 42.70 1.87 0.00 |
| GENESE 61753 | 30.89 -0.06 0.00 | 44.01 -0.33 0.00 | 47.32 -0.26 0.00 | 49.87 -0.29 0.00 | 48.66 -0.31 0.00 | 46.29 -0.07 0.00 | 75.28 -0.19 0.00 | 87.75 -0.66 0.00 | 44.77 -0.14 0.00 | 34.78 -0.19 -0.59 | 12.11 0.17 77.74 | 45.95 -0.14 0.00 | 45.74 -0.32 0.00 | 43.77 -0.76 0.00 | 46.59 -0.29 0.00 | 43.01 -0.26 0.00 | 49.03 -0.35 0.00 | 45.24 -0.25 0.00 | 50.96 -0.48 0.00 | 40.84 -0.24 0.00 | 41.99 -0.01 0.00 | 42.27 -0.16 0.44 | 28.80 -0.34 3.37 | 40.47 -0.37 0.00 |
| H Q 61844 | 30.88 -0.07 0.00 | 44.28 -0.06 0.00 | 19.99 0.16 0.44 | 19.09 0.23 9.91 | 11.86 0.41 34.62 | 23.12 0.61 28.22 | 75.78 0.31 0.00 | 41.68 -0.25 8.45 | 52.00 -0.53 35.78 | 53.33 -0.27 0.77 | 86.30 -0.89 2.49 | 45.57 -0.53 0.00 | 45.49 -0.57 0.00 | 43.91 -0.62 0.00 | 46.37 -0.51 0.00 | 42.82 -0.46 0.00 | 48.90 -0.48 0.00 | 45.08 -0.41 0.00 | 50.88 -0.56 0.00 | 40.74 -0.34 0.00 | 41.78 -0.21 0.00 | 42.62 -0.24 0.01 | 32.28 -0.21 0.01 | 40.59 -0.25 0.00 |
| HUD VL 61758 | 31.34 0.39 0.00 | 44.82 0.48 0.00 | 47.95 0.37 0.00 | 50.44 0.28 0.00 | 49.28 0.31 0.00 | 46.80 0.44 0.00 | 76.85 1.38 0.00 | 90.50 2.10 0.00 | 46.21 1.30 0.00 | 40.89 1.24 -5.27 | 82.40 2.83 10.10 | 47.45 1.35 0.00 | 47.60 1.54 0.00 | 46.41 1.88 0.00 | 48.46 1.58 0.00 | 44.73 1.45 0.00 | 50.96 1.58 0.00 | 46.96 1.46 0.00 | 53.39 1.95 0.00 | 42.61 1.54 0.00 | 43.32 1.33 0.00 | 44.24 1.42 0.06 | 33.29 1.20 0.42 | 41.83 0.99 0.00 |
| LONGIL 61762 | 42.98 1.40 -10.63 | 50.78 1.91 -4.54 | 49.45 1.86 0.00 | 51.98 1.82 0.00 | 50.67 1.70 0.00 | 48.19 1.83 0.00 | 78.68 3.21 0.00 | 91.85 3.45 0.00 | 47.06 2.15 0.00 | 59.78 2.23 -23.17 | 86.09 5.49 9.07 | 49.23 2.46 -0.68 | 52.61 2.69 -3.86 | 47.80 3.27 0.00 | 49.94 3.06 0.00 | 46.19 2.91 0.00 | 52.58 3.20 0.00 | 48.27 2.74 -0.03 | 59.04 3.79 -3.81 | 53.52 3.11 -9.33 | 53.60 2.89 -8.71 | 56.65 3.16 -10.62 | 34.87 2.49 0.12 | 43.27 2.44 0.00 |
| MHK VL 61756 | 31.73 0.78 0.00 | 45.48 1.14 0.00 | 48.78 1.20 0.00 | 51.39 1.22 0.00 | 50.20 1.22 0.00 | 47.57 1.21 0.00 | 77.42 1.95 0.00 | 90.12 1.71 0.00 | 45.58 0.67 0.00 | 34.90 0.36 -0.17 | 67.98 0.86 22.55 | 46.49 0.39 0.00 | 46.63 0.57 0.00 | 45.00 0.47 0.00 | 47.62 0.74 0.00 | 43.98 0.70 0.00 | 50.21 0.83 0.00 | 46.26 0.76 0.00 | 52.17 0.73 0.00 | 41.62 0.54 0.00 | 42.66 0.66 0.00 | 43.55 0.73 0.06 | 32.94 0.55 0.11 | 41.59 0.75 0.00 |
| MILLWD 61759 | 31.42 0.47 0.00 | 44.90 0.56 0.00 | 48.02 0.43 0.00 | 50.51 0.35 0.00 | 49.33 0.35 0.00 | 46.91 0.55 0.00 | 77.05 1.58 0.00 | 90.64 2.24 0.00 | 46.34 1.42 0.00 | 41.11 1.41 -5.32 | 83.57 3.08 9.18 | 47.61 1.51 0.00 | 47.81 1.75 0.00 | 46.67 2.14 0.00 | 48.73 1.85 0.00 | 45.04 1.76 0.00 | 51.30 1.93 0.00 | 47.24 1.74 0.00 | 53.76 2.32 0.00 | 42.90 1.83 0.00 | 43.54 1.55 0.00 | 44.44 1.61 0.04 | 33.63 1.36 0.24 | 42.02 1.18 0.00 |
| N.Y.C. 61761 | 32.85 1.42 -0.48 | 46.25 1.91 0.00 | 49.45 1.86 0.00 | 51.99 1.83 0.00 | 50.81 1.83 0.00 | 48.40 2.04 0.00 | 79.57 4.10 0.00 | 93.69 5.06 -0.23 | 47.80 2.89 0.00 | 47.88 2.66 -10.85 | 86.35 6.47 9.79 | 49.24 3.15 0.00 | 49.52 3.45 -0.01 | 48.45 3.92 0.00 | 50.59 3.71 0.00 | 46.94 3.55 -0.11 | 53.32 3.94 0.00 | 49.04 3.55 0.00 | 66.41 4.39 -10.58 | 46.83 3.36 -2.40 | 48.93 3.03 -3.91 | 51.61 3.12 -5.62 | 50.73 2.58 -15.64 | 50.15 2.63 -6.68 |
| NORTH 61755 | 31.12 0.17 0.00 | 44.62 0.28 0.00 | 48.00 0.41 0.00 | 50.66 0.49 0.00 | 49.38 0.41 0.00 | 46.89 0.53 0.00 | 76.40 0.93 0.00 | 89.03 0.63 0.00 | 45.09 0.18 0.00 | 34.27 -0.01 0.10 | 83.17 -0.41 6.10 | 45.73 -0.36 0.00 | 45.64 -0.42 0.00 | 44.02 -0.51 0.00 | 46.61 -0.27 0.00 | 43.05 -0.22 0.00 | 49.17 -0.21 0.00 | 45.33 -0.16 0.00 | 51.11 -0.33 0.00 | 40.90 -0.17 0.00 | 41.99 0.00 0.00 | 42.85 -0.01 0.01 | 32.46 -0.04 0.00 | 40.88 0.04 0.00 |
| NPX 61845 | 32.94 1.99 0.00 | 47.26 2.93 0.00 | 20.27 0.00 0.00 | 19.78 0.92 9.91 | 12.83 1.38 34.62 | 23.93 1.42 28.22 | 80.01 4.54 0.00 | 44.00 2.07 8.45 | 51.81 3.53 40.03 | 54.05 2.28 2.60 | 85.25 3.65 8.07 | 48.03 1.94 0.00 | 48.13 2.07 0.00 | 46.49 1.96 0.00 | 49.43 2.55 0.00 | 45.67 2.39 0.00 | 52.21 2.84 0.00 | 47.94 2.44 0.00 | 54.17 2.73 0.00 | 43.12 2.05 0.00 | 44.25 2.26 0.00 | 45.28 2.44 0.04 | 34.13 1.85 0.22 | 43.09 2.25 0.00 |

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|---------------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 25.39 | 36.10 | 16.75 | 15.00 | 5.19 | 15.00 | 61.89 | 35.99 | -1.07 | 27.88 | 2.76 | 39.03 | 38.87 | 37.60 | 38.97 | 35.87 | 40.82 | 37.95 | 42.85 | 34.47 | 34.97 | 35.19 | 23.96 | 33.92 |
| | -5.56 | -8.24 | -3.08 | -3.86 | -6.26 | -7.51 | -13.58 | -5.94 | -9.54 | -6.74 | -12.87 | -7.06 | -7.19 | -6.93 | -7.91 | -7.41 | -8.56 | -7.54 | -8.59 | -6.61 | -7.03 | -7.26 | -5.33 | -6.92 |
| | 0.00 | 0.00 | 0.44 | 9.91 | 34.62 | 28.22 | 0.00 | 8.45 | 79.84 | 19.75 | 74.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.42 | 3.21 | 0.00 | |
| PJM 61847 | 14.91 | 40.68 | 16.55 | 14.25 | 4.72 | 15.00 | 69.73 | 36.14 | 4.50 | 30.00 | 16.69 | 43.47 | 43.38 | 42.19 | 43.70 | 40.23 | 45.88 | 42.50 | 48.11 | 38.55 | 39.04 | 39.47 | 27.71 | 38.04 |
| | -5.31 | -3.65 | -3.28 | -4.49 | -6.73 | -7.51 | -5.74 | -5.79 | -10.16 | -7.29 | -4.91 | -2.63 | -2.68 | -2.34 | -3.18 | -3.05 | -3.49 | -3.00 | -3.33 | -2.52 | -2.96 | -3.04 | -2.17 | -2.80 |
| | 11.79 | 0.00 | 0.44 | 10.03 | 34.62 | 28.22 | 0.00 | 8.45 | 73.65 | 17.08 | 68.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.36 | 2.62 | 0.00 | |
| WEST 61752 | 28.40 | 40.35 | 43.61 | 46.11 | 44.93 | 42.93 | 69.30 | 82.01 | 42.41 | 33.40 | 12.01 | 43.84 | 43.63 | 42.19 | 43.76 | 40.28 | 45.83 | 42.63 | 48.18 | 38.80 | 39.36 | 39.60 | 27.30 | 38.03 |
| | -2.55 | -3.99 | -3.97 | -4.05 | -4.04 | -3.43 | -6.17 | -6.39 | -2.51 | -1.72 | -3.25 | -2.26 | -2.43 | -2.34 | -3.12 | -3.00 | -3.54 | -2.87 | -3.26 | -2.27 | -2.64 | -2.86 | -2.01 | -2.81 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.74 | 74.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.42 | 3.19 | 0.00 | |