

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

10/09/2002

| 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 | 20.76 | 18.91 | 26.57 | 20.80 | 14.60 | 22.08 | 50.24 | 56.03 | 45.03 | 41.80 | 52.22 | 42.62 | 38.76 | 41.16 | 41.05 | 40.86 | 38.95 | 49.26 | 80.53 | 76.60 | 49.21 | 43.05 | 39.24 | 24.49 |
| 61757 | 1.81 | 1.56 | 2.42 | 1.82 | 1.23 | 1.96 | 4.80 | 4.72 | 3.46 | 3.23 | 3.97 | 3.20 | 2.77 | 2.92 | 2.97 | 3.22 | 3.10 | 3.02 | 2.39 | 2.35 | 3.86 | 3.09 | 2.71 | 1.91 |
| | 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 | 0.00 | 0.00 | 0.00 | -12.40 | -52.95 | -46.58 | -0.17 | 0.00 | 0.00 | 0.00 |
| CENTRL | 18.54 | 17.00 | 23.55 | 18.52 | 13.11 | 19.73 | 44.30 | 49.94 | 40.48 | 37.52 | 46.98 | 38.33 | 35.01 | 37.24 | 37.11 | 36.63 | 34.89 | 34.18 | 30.01 | 32.01 | 44.20 | 39.11 | 35.65 | 22.02 |
| 61754 | -0.41 | -0.36 | -0.60 | -0.46 | -0.26 | -0.38 | -1.13 | -1.37 | -1.09 | -1.05 | -1.27 | -1.09 | -0.97 | -1.00 | -0.97 | -1.01 | -0.97 | -0.94 | -0.68 | -0.59 | -0.99 | -0.85 | -0.89 | -0.56 |
| | 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 | 0.00 | 0.00 | 0.00 | -1.29 | -5.50 | -4.94 | -0.02 | 0.00 | 0.00 | 0.00 |
| DUNWOD | 19.45 | 17.69 | 24.47 | 19.23 | 13.58 | 20.60 | 46.96 | 53.21 | 43.54 | 40.66 | 50.85 | 41.71 | 38.14 | 40.67 | 40.39 | 39.96 | 38.15 | 45.73 | 68.10 | 65.72 | 47.74 | 42.07 | 38.35 | 23.40 |
| 61760 | 0.50 | 0.34 | 0.32 | 0.25 | 0.21 | 0.48 | 1.52 | 1.91 | 1.97 | 2.09 | 2.60 | 2.29 | 2.15 | 2.42 | 2.32 | 2.32 | 2.30 | 2.19 | 1.48 | 1.62 | 2.42 | 2.11 | 1.82 | 0.82 |
| | 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 | 0.00 | 0.00 | 0.00 | -9.71 | -41.44 | -36.44 | -0.14 | 0.00 | 0.00 | 0.00 |
| GENESE | 18.96 | 17.42 | 24.32 | 19.10 | 13.52 | 20.28 | 45.52 | 51.24 | 41.45 | 38.30 | 47.95 | 39.03 | 35.64 | 37.84 | 37.78 | 37.30 | 35.51 | 34.79 | 30.62 | 32.48 | 45.13 | 39.74 | 36.12 | 22.44 |
| 61753 | 0.01 | 0.07 | 0.17 | 0.12 | 0.15 | 0.16 | 0.09 | -0.06 | -0.12 | -0.27 | -0.30 | -0.39 | -0.35 | -0.41 | -0.30 | -0.34 | -0.34 | -0.36 | -0.17 | -0.10 | -0.06 | -0.22 | -0.42 | -0.14 |
| | 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 | 0.00 | 0.00 | 0.00 | -1.31 | -5.61 | -4.91 | -0.02 | 0.00 | 0.00 | 0.00 |
| H Q | 18.92 | 17.36 | 24.18 | 19.00 | 13.39 | 20.12 | 45.38 | 51.55 | 41.66 | 38.55 | 48.22 | 39.35 | 35.90 | 38.07 | 37.87 | 37.43 | 35.63 | 33.58 | 24.91 | 27.25 | 44.79 | 39.62 | 36.20 | 22.53 |
| 61844 | -0.03 | 0.01 | 0.03 | 0.02 | 0.02 | 0.00 | -0.06 | 0.25 | 0.09 | -0.02 | -0.03 | -0.07 | -0.08 | -0.17 | -0.21 | -0.21 | -0.22 | -0.21 | -0.12 | -0.29 | -0.39 | -0.34 | -0.34 | -0.05 |
| | 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 | 0.00 | 0.00 | 0.00 | 0.04 | 0.15 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| HUD VL | 19.20 | 17.50 | 24.25 | 19.06 | 13.46 | 20.37 | 46.31 | 52.42 | 42.79 | 39.87 | 49.83 | 40.85 | 37.34 | 39.78 | 39.54 | 39.10 | 37.32 | 44.83 | 67.03 | 64.72 | 46.87 | 41.29 | 37.67 | 23.01 |
| 61758 | 0.25 | 0.15 | 0.10 | 0.08 | 0.09 | 0.26 | 0.87 | 1.11 | 1.22 | 1.30 | 1.58 | 1.43 | 1.36 | 1.54 | 1.47 | 1.46 | 1.47 | 1.41 | 0.96 | 1.07 | 1.56 | 1.33 | 1.14 | 0.43 |
| | 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 | 0.00 | 0.00 | 0.00 | -9.58 | -40.89 | -35.98 | -0.13 | 0.00 | 0.00 | 0.00 |
| LONGIL | 19.71 | 17.90 | 24.74 | 19.46 | 13.78 | 20.97 | 47.89 | 53.96 | 44.18 | 41.32 | 51.72 | 46.82 | 46.16 | 43.91 | 41.82 | 45.24 | 45.11 | 47.65 | 68.60 | 67.43 | 49.17 | 48.20 | 39.13 | 23.84 |
| 61762 | 0.76 | 0.55 | 0.59 | 0.48 | 0.41 | 0.85 | 2.45 | 2.66 | 2.61 | 2.75 | 3.48 | 3.08 | 2.86 | 3.16 | 2.96 | 3.05 | 2.99 | 2.81 | 1.89 | 2.01 | 3.03 | 2.71 | 2.44 | 1.26 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.32 | -7.32 | -2.50 | -0.78 | -4.56 | -6.26 | -11.01 | -41.52 | -37.75 | -0.96 | -5.53 | -0.16 | 0.00 |
| MHK VL | 19.44 | 17.79 | 24.76 | 19.44 | 13.69 | 20.64 | 46.47 | 52.18 | 42.27 | 39.23 | 49.07 | 40.07 | 36.55 | 38.94 | 38.82 | 38.38 | 36.59 | 34.99 | 27.64 | 29.94 | 46.15 | 40.77 | 37.35 | 23.13 |
| 61756 | 0.49 | 0.43 | 0.61 | 0.46 | 0.32 | 0.52 | 1.03 | 0.88 | 0.69 | 0.66 | 0.82 | 0.65 | 0.57 | 0.69 | 0.74 | 0.75 | 0.73 | 0.71 | 0.55 | 0.57 | 0.97 | 0.82 | 0.81 | 0.55 |
| | 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 | 0.00 | 0.00 | 0.00 | -0.45 | -1.91 | -1.70 | -0.01 | 0.00 | 0.00 | 0.00 |
| MILLWD | 19.18 | 17.45 | 24.15 | 18.98 | 13.40 | 20.31 | 46.27 | 52.43 | 42.87 | 40.01 | 50.03 | 41.03 | 37.51 | 40.00 | 39.73 | 39.30 | 37.53 | 45.02 | 67.20 | 64.84 | 47.00 | 41.43 | 37.78 | 23.06 |
| 61759 | 0.23 | 0.10 | -0.01 | 0.00 | 0.03 | 0.20 | 0.83 | 1.13 | 1.30 | 1.44 | 1.78 | 1.61 | 1.53 | 1.75 | 1.65 | 1.66 | 1.67 | 1.59 | 1.05 | 1.16 | 1.69 | 1.47 | 1.24 | 0.48 |
| | 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 | 0.00 | 0.00 | 0.00 | -9.60 | -40.96 | -36.02 | -0.13 | 0.00 | 0.00 | 0.00 |
| N.Y.C. | 19.75 | 17.94 | 24.78 | 19.47 | 13.75 | 31.41 | 56.53 | 62.64 | 57.77 | 56.74 | 52.22 | 42.87 | 39.82 | 52.05 | 50.51 | 46.26 | 51.46 | 55.33 | 68.80 | 66.36 | 55.81 | 57.93 | 52.45 | 39.60 |
| 61761 | 0.80 | 0.58 | 0.63 | 0.49 | 0.39 | 0.78 | 2.28 | 2.77 | 2.74 | 2.87 | 3.55 | 3.10 | 2.91 | 3.27 | 3.12 | 3.12 | 3.07 | 2.89 | 1.92 | 2.06 | 3.15 | 2.80 | 2.45 | 1.20 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -10.52 | -8.81 | -8.57 | -13.46 | -15.30 | -0.43 | -0.35 | -0.92 | -10.53 | -9.32 | -5.50 | -12.54 | -18.61 | -41.69 | -36.63 | -7.48 | -15.18 | -13.46 | -15.83 |
| NORTH | 19.07 | 17.51 | 24.40 | 19.17 | 13.51 | 20.32 | 45.76 | 51.93 | 41.96 | 38.81 | 48.53 | 39.60 | 36.11 | 38.33 | 38.14 | 37.70 | 35.91 | 33.84 | 25.12 | 27.46 | 45.14 | 39.89 | 36.41 | 22.71 |
| 61755 | 0.12 | 0.15 | 0.25 | 0.19 | 0.14 | 0.20 | 0.33 | 0.62 | 0.39 | 0.24 | 0.28 | 0.18 | 0.13 | 0.08 | 0.07 | 0.06 | 0.05 | 0.05 | 0.09 | -0.07 | -0.04 | -0.07 | -0.13 | 0.13 |
| | 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 | 0.00 | 0.00 | 0.00 | 0.04 | 0.15 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| NPX | 20.11 | 18.33 | 25.66 | 20.12 | 14.15 | 21.41 | 48.62 | 54.51 | 44.06 | 40.92 | 51.11 | 41.88 | 38.15 | 40.57 | 40.41 | 40.04 | 38.15 | 47.54 | 75.95 | 72.50 | 48.04 | 42.17 | 38.52 | 23.86 |
| 61845 | 1.16 | 0.98 | 1.51 | 1.14 | 0.78 | 1.29 | 3.19 | 3.21 | 2.49 | 2.35 | 2.87 | 2.46 | 2.17 | 2.32 | 2.33 | 2.40 | 2.30 | 2.21 | 1.70 | 1.68 | 2.70 | 2.21 | 1.98 | 1.28 |
| | 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 | 0.00 | 0.00 | 0.00 | -11.49 | -49.06 | -43.15 | -0.16 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 15.86 | 14.65 | 20.33 | 16.04 | 11.31 | 16.78 | 37.35 | 42.64 | 34.83 | 31.91 | 39.88 | 32.42 | 29.66 | 31.49 | 31.44 | 30.97 | 29.58 | 29.47 | 27.78 | 29.29 | 37.69 | 33.60 | 30.75 | 18.77 |
| | -3.09 | -2.70 | -3.82 | -2.94 | -2.06 | -3.34 | -8.08 | -8.66 | -6.74 | -6.66 | -8.37 | -6.99 | -6.32 | -6.75 | -6.64 | -6.67 | -6.27 | -6.02 | -4.50 | -4.59 | -7.51 | -6.36 | -5.79 | -3.81 |
| | 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 | 0.00 | 0.00 | 0.00 | -1.66 | -7.10 | -6.21 | -0.02 | 0.00 | 0.00 | 0.00 |
| PJM 61847 | 17.43 | 16.00 | 16.00 | 14.00 | 15.00 | 18.43 | 18.00 | 33.00 | 23.00 | 35.50 | 29.99 | 25.00 | 25.00 | 20.00 | 19.99 | 19.01 | 18.00 | 19.75 | 40.00 | 33.94 | 23.50 | 19.99 | 19.90 | 8.87 |
| | -1.52 | -2.78 | -2.92 | -3.03 | -2.90 | -1.69 | -5.57 | -5.75 | -7.12 | -3.07 | -5.41 | -5.68 | -5.68 | -5.99 | -6.27 | -4.07 | -4.30 | -6.17 | -6.53 | -2.09 | -6.45 | -5.64 | -5.34 | -3.70 |
| | 0.00 | 1.69 | 2.69 | 4.58 | 3.29 | 0.00 | 19.62 | 8.38 | 20.03 | 0.00 | 3.78 | 7.96 | 7.19 | 13.70 | 14.96 | 16.47 | 17.93 | 15.21 | 5.31 | -8.37 | 16.45 | 15.22 | 12.92 | 12.92 |
| WEST 61752 | 17.54 | 16.25 | 22.55 | 17.83 | 12.58 | 18.64 | 41.45 | 47.39 | 38.71 | 35.40 | 44.31 | 36.02 | 32.98 | 35.04 | 34.96 | 34.43 | 32.79 | 32.38 | 29.70 | 31.54 | 41.81 | 37.33 | 34.13 | 20.82 |
| | -1.41 | -1.10 | -1.60 | -1.15 | -0.79 | -1.47 | -3.99 | -3.91 | -2.86 | -3.17 | -3.94 | -3.40 | -3.00 | -3.20 | -3.11 | -3.21 | -3.07 | -3.04 | -2.28 | -2.07 | -3.39 | -2.63 | -2.40 | -1.76 |
| | 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 | 0.00 | 0.00 | 0.00 | -1.59 | -6.80 | -5.94 | -0.02 | 0.00 | 0.00 | 0.00 |