

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

10/18/2002

| 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 | 31.51 | 29.90 | 18.10 | 20.35 | 18.71 | 16.56 | 45.14 | 44.93 | 57.30 | 45.71 | 45.86 | 49.07 | 49.59 | 45.06 | 42.92 | 41.97 | 41.52 | 38.73 | 46.06 | 43.56 | 44.22 | 41.65 | 24.69 | 21.74 |
| 61757 | 2.72 | 2.35 | 1.36 | 1.66 | 1.56 | 1.28 | 3.23 | 2.79 | 3.54 | 2.60 | 2.63 | 2.85 | 2.99 | 3.08 | 2.88 | 2.87 | 2.77 | 2.75 | 3.53 | 3.10 | 3.21 | 3.16 | 1.80 | 1.72 |
| | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CENTRL | 27.85 | 26.63 | 16.26 | 18.16 | 16.59 | 14.89 | 40.78 | 40.98 | 52.30 | 41.99 | 42.10 | 45.05 | 45.55 | 41.04 | 39.13 | 38.17 | 37.78 | 35.09 | 41.48 | 39.54 | 39.99 | 37.46 | 22.32 | 19.50 |
| 61754 | -0.94 | -0.92 | -0.47 | -0.54 | -0.56 | -0.39 | -1.12 | -1.17 | -1.46 | -1.13 | -1.13 | -1.17 | -1.05 | -0.94 | -0.92 | -0.94 | -0.97 | -0.89 | -1.06 | -0.92 | -1.02 | -1.03 | -0.57 | -0.51 |
| | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DUNWOD | 29.75 | 28.28 | 17.09 | 19.06 | 17.52 | 15.74 | 43.49 | 44.08 | 56.62 | 45.62 | 45.77 | 48.89 | 49.29 | 44.55 | 42.55 | 41.54 | 41.27 | 38.27 | 45.37 | 43.18 | 43.61 | 40.86 | 24.13 | 20.86 |
| 61760 | 0.96 | 0.73 | 0.36 | 0.37 | 0.36 | 0.46 | 1.58 | 1.94 | 2.86 | 2.51 | 2.54 | 2.67 | 2.69 | 2.57 | 2.51 | 2.44 | 2.52 | 2.28 | 2.84 | 2.72 | 2.60 | 2.37 | 1.24 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GENESE | 28.58 | 27.37 | 16.70 | 18.63 | 17.07 | 15.27 | 42.03 | 42.10 | 53.46 | 42.82 | 43.06 | 46.05 | 46.58 | 41.95 | 40.06 | 39.10 | 38.61 | 35.91 | 42.39 | 40.43 | 40.97 | 38.43 | 22.96 | 20.11 |
| 61753 | -0.21 | -0.18 | -0.03 | -0.06 | -0.08 | -0.01 | 0.12 | -0.05 | -0.30 | -0.30 | -0.18 | -0.17 | -0.02 | -0.04 | 0.02 | 0.00 | -0.14 | -0.08 | -0.14 | -0.03 | -0.04 | -0.06 | 0.07 | 0.09 |
| | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| H Q | 21.20 | 24.99 | 16.71 | 18.67 | 17.13 | 36.40 | 41.26 | 42.14 | 53.60 | 42.93 | 43.08 | 46.01 | 46.34 | 41.64 | 41.89 | 38.80 | 38.43 | 35.75 | 42.22 | 40.17 | 40.79 | 36.75 | 22.81 | 19.93 |
| 61844 | 0.17 | 0.18 | -0.02 | -0.02 | -0.03 | 0.27 | 0.17 | -0.01 | -0.16 | -0.19 | -0.16 | -0.21 | -0.26 | -0.35 | -0.13 | -0.30 | -0.32 | -0.23 | -0.31 | -0.29 | -0.22 | -0.04 | -0.08 | -0.09 |
| | 0.16 | 5.12 | 0.00 | 0.00 | 0.00 | 1.92 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.34 | 0.00 | 0.00 |
| HUD VL | 29.22 | 27.85 | 16.87 | 18.85 | 17.32 | 15.53 | 42.78 | 43.26 | 55.44 | 44.59 | 44.72 | 47.81 | 48.18 | 43.52 | 41.50 | 40.57 | 40.31 | 37.39 | 44.31 | 42.17 | 42.63 | 39.95 | 23.62 | 20.45 |
| 61758 | 0.43 | 0.29 | 0.14 | 0.15 | 0.16 | 0.25 | 0.87 | 1.12 | 1.68 | 1.47 | 1.48 | 1.59 | 1.58 | 1.53 | 1.45 | 1.46 | 1.56 | 1.41 | 1.78 | 1.71 | 1.62 | 1.46 | 0.73 | 0.44 |
| | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LONGIL | 30.14 | 28.61 | 17.34 | 19.33 | 17.77 | 22.75 | 44.75 | 44.41 | 57.20 | 46.08 | 46.25 | 49.40 | 49.90 | 45.15 | 43.17 | 42.25 | 43.95 | 45.54 | 49.08 | 51.32 | 46.50 | 45.59 | 24.99 | 21.23 |
| 61762 | 1.35 | 1.06 | 0.60 | 0.64 | 0.62 | 0.73 | 2.20 | 2.26 | 3.29 | 2.96 | 3.02 | 3.18 | 3.30 | 3.17 | 3.13 | 3.15 | 3.18 | 2.75 | 3.61 | 3.33 | 3.37 | 3.21 | 1.68 | 1.21 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.74 | -0.65 | 0.00 | -0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.02 | -6.81 | -2.94 | -7.53 | -2.12 | -3.89 | -0.42 |
| MHK VL | 29.39 | 28.03 | 17.05 | 19.05 | 17.48 | 15.58 | 42.69 | 42.70 | 54.38 | 43.49 | 43.62 | 46.68 | 47.11 | 42.47 | 40.45 | 39.51 | 39.18 | 36.46 | 43.08 | 40.95 | 41.56 | 38.97 | 23.21 | 20.34 |
| 61756 | 0.60 | 0.48 | 0.32 | 0.35 | 0.33 | 0.30 | 0.79 | 0.55 | 0.62 | 0.37 | 0.38 | 0.46 | 0.51 | 0.49 | 0.40 | 0.41 | 0.43 | 0.48 | 0.55 | 0.48 | 0.55 | 0.48 | 0.31 | 0.32 |
| | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MILLWD | 29.32 | 27.88 | 16.86 | 18.80 | 17.28 | 15.52 | 42.83 | 43.40 | 55.73 | 44.89 | 45.03 | 48.09 | 48.47 | 43.81 | 41.83 | 40.84 | 40.59 | 37.65 | 44.62 | 42.46 | 42.89 | 40.19 | 23.75 | 20.55 |
| 61759 | 0.53 | 0.33 | 0.13 | 0.11 | 0.12 | 0.24 | 0.92 | 1.25 | 1.98 | 1.77 | 1.79 | 1.87 | 1.87 | 1.83 | 1.78 | 1.74 | 1.84 | 1.66 | 2.09 | 2.00 | 1.89 | 1.71 | 0.86 | 0.53 |
| | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| N.Y.C. | 47.06 | 33.86 | 17.33 | 19.32 | 17.75 | 15.98 | 47.33 | 48.66 | 57.73 | 46.51 | 46.68 | 49.86 | 50.27 | 45.51 | 43.48 | 42.45 | 42.16 | 47.59 | 50.01 | 54.66 | 59.95 | 51.30 | 54.05 | 48.18 |
| 61761 | 1.46 | 1.15 | 0.60 | 0.63 | 0.60 | 0.70 | 2.36 | 2.79 | 3.97 | 3.39 | 3.44 | 3.63 | 3.67 | 3.53 | 3.44 | 3.34 | 3.41 | 3.09 | 3.76 | 3.59 | 3.43 | 3.15 | 1.69 | 1.18 |
| | -16.80 | -5.16 | 0.00 | 0.00 | 0.00 | 0.00 | -3.06 | -3.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -8.52 | -3.73 | -10.60 | -15.51 | -9.66 | -29.46 | -26.99 |
| NORTH | 28.92 | 27.68 | 16.82 | 18.81 | 17.26 | 15.37 | 42.18 | 42.36 | 53.85 | 43.08 | 43.24 | 46.18 | 46.49 | 41.80 | 39.88 | 38.95 | 38.58 | 35.93 | 42.43 | 40.37 | 41.00 | 38.48 | 22.92 | 20.05 |
| 61755 | 0.13 | 0.13 | 0.09 | 0.12 | 0.10 | 0.09 | 0.28 | 0.22 | 0.10 | -0.04 | 0.00 | -0.04 | -0.11 | -0.19 | -0.17 | -0.15 | -0.17 | -0.05 | -0.10 | -0.10 | -0.01 | 0.00 | 0.03 | 0.03 |
| | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NPX | 21.77 | 25.36 | 17.64 | 19.78 | 18.18 | 37.31 | 42.63 | 44.08 | 56.25 | 45.00 | 45.11 | 48.24 | 48.79 | 44.22 | 44.12 | 41.24 | 40.92 | 38.03 | 45.18 | 42.82 | 43.46 | 38.55 | 24.18 | 21.19 |
| 61845 | 0.74 | 0.99 | 0.91 | 1.09 | 1.03 | 1.18 | 1.54 | 1.94 | 2.49 | 1.89 | 1.88 | 2.02 | 2.19 | 2.24 | 2.10 | 2.14 | 2.17 | 2.04 | 2.65 | 2.36 | 2.45 | 1.94 | 1.29 | 1.18 |
| | 0.16 | 5.56 | 0.00 | 0.00 | 0.00 | 1.92 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.52 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|
| OH 61846 | 17.91 -3.12 0.16 | 15.74 -4.07 10.12 | 13.89 -2.85 0.00 | 15.38 -3.31 0.00 | 14.13 -3.03 0.00 | 25.00 -6.13 6.92 | 35.00 -6.09 0.60 | 35.34 -6.81 0.00 | 45.13 -8.63 0.00 | 36.48 -6.64 0.00 | 36.55 -6.68 0.00 | 39.12 -7.11 0.00 | 39.48 -7.12 0.00 | 35.48 -6.50 0.00 | 36.01 -6.01 0.04 | 33.17 -5.94 0.00 | 32.76 -5.99 0.00 | 30.38 -5.60 0.00 | 35.55 -6.98 0.00 | 34.09 -6.37 0.00 | 34.35 -6.65 0.00 | 29.77 -4.89 7.47 | 19.37 -3.52 0.00 | 16.72 -3.30 0.00 |
| PJM 61847 | 18.15 -2.88 0.16 | 16.00 -4.55 9.38 | 15.45 -1.28 0.00 | 17.17 -1.52 0.00 | 15.79 -1.37 0.00 | 27.57 -5.63 4.85 | 36.63 -4.46 0.60 | 39.56 -2.58 0.00 | 50.59 -3.16 0.00 | 8.95 -4.13 35.55 | 8.95 -6.32 31.52 | 11.69 -4.39 31.68 | 14.76 -4.45 29.66 | 19.73 -5.21 18.81 | 36.01 -6.01 0.04 | 36.92 -2.18 0.00 | 36.59 -2.16 0.00 | 33.92 -2.06 0.00 | 39.85 -2.68 0.00 | 38.10 -2.36 0.00 | 38.52 -2.49 0.00 | 30.00 -5.06 7.07 | 20.00 -4.77 11.36 | 18.65 -1.37 0.00 |
| WEST 61752 | 26.47 -2.32 0.00 | 25.60 -1.95 0.00 | 15.59 -1.14 0.00 | 17.26 -1.43 0.00 | 15.85 -1.31 0.00 | 14.20 -1.08 0.00 | 39.03 -2.88 0.00 | 39.74 -2.40 0.00 | 50.75 -3.00 0.00 | 41.11 -2.01 0.00 | 41.21 -2.02 0.00 | 44.09 -2.13 0.00 | 44.33 -2.27 0.00 | 39.76 -2.22 0.00 | 38.08 -1.97 0.00 | 37.18 -1.92 0.00 | 36.67 -2.09 0.00 | 34.01 -1.98 0.00 | 39.77 -2.76 0.00 | 38.18 -2.28 0.00 | 38.41 -2.60 0.00 | 36.04 -2.45 0.00 | 21.66 -1.23 0.00 | 18.65 -1.37 0.00 |