

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

07/27/2016

| 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 | 23.57 | 23.91 | 20.69 | 17.19 | 16.34 | 19.37 | 20.08 | 22.59 | 33.90 | 29.82 | 35.70 | 41.09 | 46.89 | 55.24 | 56.01 | 58.74 | 98.42 | 93.85 | 67.22 | 54.11 | 47.32 | 43.28 | 40.74 | 31.60 |
| 61757 | 1.62 | 1.82 | 1.51 | 1.23 | 1.14 | 1.36 | 1.48 | 1.58 | 1.65 | 1.98 | 2.84 | 3.27 | 3.73 | 4.39 | 4.24 | 4.47 | 7.14 | 7.03 | 5.25 | 4.37 | 3.85 | 3.44 | 3.11 | 2.29 |
| | -0.03 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.39 | -13.44 | -5.10 | 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 | 22.15 | 22.20 | 19.28 | 16.04 | 15.28 | 18.10 | 18.68 | 19.72 | 19.47 | 23.03 | 34.39 | 39.71 | 45.06 | 52.19 | 60.33 | 58.47 | 96.64 | 93.14 | 63.08 | 50.50 | 44.11 | 40.46 | 38.23 | 29.65 |
| 61754 | 0.18 | 0.11 | 0.10 | 0.08 | 0.08 | 0.10 | 0.08 | 0.03 | 0.03 | 0.06 | 0.22 | 0.46 | 0.68 | 0.79 | 1.19 | 1.29 | 2.30 | 1.97 | 1.12 | 0.76 | 0.64 | 0.61 | 0.60 | 0.33 |
| | -0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.07 | -0.63 | -0.24 | -1.31 | -1.42 | -1.22 | -0.55 | -7.37 | -2.91 | -3.06 | -4.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DUNWOD | 25.57 | 24.63 | 21.21 | 17.54 | 16.69 | 19.83 | 20.62 | 22.80 | 30.53 | 28.80 | 36.25 | 41.72 | 47.57 | 56.07 | 57.03 | 60.03 | 100.83 | 96.24 | 68.48 | 54.71 | 47.78 | 43.94 | 41.47 | 32.38 |
| 61760 | 2.57 | 2.54 | 2.03 | 1.58 | 1.48 | 1.82 | 2.02 | 2.17 | 1.97 | 2.36 | 3.39 | 3.90 | 4.41 | 5.22 | 5.27 | 5.76 | 9.55 | 9.42 | 6.51 | 4.97 | 4.31 | 4.09 | 3.84 | 3.07 |
| | -1.09 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.01 | -9.75 | -3.70 | 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 | 21.90 | 21.80 | 19.01 | 15.80 | 15.04 | 17.82 | 18.31 | 19.25 | 18.96 | 22.52 | 32.47 | 37.70 | 43.37 | 51.30 | 52.90 | 55.61 | 93.93 | 88.93 | 63.07 | 50.50 | 43.92 | 40.37 | 38.12 | 29.57 |
| 61753 | -0.07 | -0.29 | -0.17 | -0.16 | -0.17 | -0.19 | -0.29 | -0.42 | -0.37 | -0.42 | -0.39 | -0.13 | 0.21 | 0.45 | 1.14 | 1.35 | 2.65 | 2.11 | 1.10 | 0.76 | 0.45 | 0.52 | 0.49 | 0.26 |
| | -0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.05 | -0.51 | -0.20 | 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 | 21.19 | 21.33 | 18.58 | 15.47 | 14.76 | 17.47 | 18.02 | 19.04 | 18.26 | 20.77 | 31.80 | 36.47 | 41.56 | 48.95 | 49.81 | 48.35 | 87.08 | 83.49 | 59.67 | 47.98 | 43.48 | 37.67 | 36.66 | 28.34 |
| 61844 | -0.73 | -0.76 | -0.60 | -0.49 | -0.45 | -0.53 | -0.58 | -0.57 | -0.55 | -0.69 | -1.06 | -1.36 | -1.60 | -1.91 | -1.95 | -2.19 | -3.41 | -3.34 | -2.29 | -1.77 | -1.55 | -1.47 | -1.35 | -0.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.73 | 0.79 | 0.00 | 0.00 | 0.00 | -1.56 | 0.70 | -0.38 | 0.00 |
| HUD VL | 25.36 | 24.50 | 21.10 | 17.46 | 16.61 | 19.73 | 20.50 | 22.67 | 30.24 | 28.65 | 36.20 | 41.70 | 47.58 | 56.10 | 57.11 | 60.12 | 100.98 | 96.40 | 68.62 | 54.84 | 47.89 | 43.97 | 41.42 | 32.25 |
| 61758 | 2.44 | 2.40 | 1.92 | 1.50 | 1.41 | 1.72 | 1.90 | 2.07 | 1.90 | 2.30 | 3.34 | 3.88 | 4.42 | 5.25 | 5.34 | 5.86 | 9.70 | 9.58 | 6.65 | 5.10 | 4.42 | 4.13 | 3.79 | 2.94 |
| | -1.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.98 | -9.53 | -3.61 | 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 | 26.83 | 36.95 | 24.30 | 20.77 | 19.94 | 22.61 | 20.96 | 23.09 | 31.11 | 29.15 | 37.10 | 42.47 | 48.50 | 57.51 | 58.87 | 72.13 | 191.73 | 101.02 | 70.22 | 56.07 | 49.02 | 49.27 | 46.70 | 43.34 |
| 61762 | 3.19 | 3.24 | 2.59 | 1.99 | 1.85 | 2.28 | 2.36 | 2.46 | 2.53 | 2.71 | 4.24 | 4.65 | 5.33 | 6.66 | 7.10 | 7.69 | 12.53 | 12.15 | 8.26 | 6.33 | 5.55 | 5.23 | 4.95 | 3.98 |
| | -1.73 | -11.61 | -2.52 | -2.82 | -2.88 | -2.32 | 0.00 | -1.01 | -9.77 | -3.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -10.18 | -87.92 | -2.04 | 0.00 | 0.00 | 0.00 | -4.19 | -4.11 | -10.04 |
| MHK VL | 22.84 | 22.78 | 19.75 | 16.41 | 15.64 | 18.55 | 19.22 | 20.43 | 20.38 | 24.01 | 34.33 | 39.67 | 45.40 | 53.37 | 54.28 | 56.77 | 95.45 | 90.78 | 64.72 | 51.87 | 45.41 | 41.72 | 39.29 | 30.45 |
| 61756 | 0.76 | 0.69 | 0.57 | 0.45 | 0.43 | 0.55 | 0.62 | 0.72 | 0.72 | 0.95 | 1.47 | 1.84 | 2.24 | 2.52 | 2.51 | 2.51 | 4.17 | 3.96 | 2.75 | 2.13 | 1.94 | 1.87 | 1.66 | 1.13 |
| | -0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.09 | -0.85 | -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 |
| MILLWD | 25.56 | 24.61 | 21.19 | 17.52 | 16.68 | 19.81 | 20.61 | 22.81 | 30.66 | 28.89 | 36.35 | 41.87 | 47.77 | 56.33 | 57.33 | 60.35 | 101.37 | 96.79 | 68.88 | 55.03 | 48.03 | 44.12 | 41.59 | 32.43 |
| 61759 | 2.57 | 2.52 | 2.01 | 1.56 | 1.47 | 1.81 | 2.00 | 2.18 | 1.99 | 2.41 | 3.49 | 4.04 | 4.61 | 5.48 | 5.57 | 6.09 | 10.09 | 9.97 | 6.91 | 5.29 | 4.56 | 4.28 | 3.97 | 3.11 |
| | -1.07 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.02 | -9.85 | -3.74 | 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. | 26.48 | 24.86 | 21.41 | 17.70 | 16.84 | 20.01 | 20.86 | 23.35 | 30.70 | 29.00 | 36.40 | 41.93 | 47.83 | 56.27 | 57.07 | 59.17 | 100.95 | 96.61 | 68.67 | 54.82 | 47.89 | 44.13 | 41.78 | 47.02 |
| 61761 | 2.81 | 2.76 | 2.22 | 1.74 | 1.63 | 2.00 | 2.21 | 2.38 | 2.13 | 2.55 | 3.60 | 4.17 | 4.67 | 5.46 | 5.43 | 5.99 | 9.80 | 9.78 | 6.71 | 5.11 | 4.43 | 4.28 | 4.09 | 3.34 |
| | -1.76 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 | -1.35 | -9.76 | -3.70 | 0.07 | 0.07 | 0.00 | 0.04 | 0.13 | 1.09 | 0.13 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | -0.06 | -14.37 |
| NORTH | 21.08 | 21.20 | 18.50 | 15.43 | 14.73 | 17.45 | 17.97 | 19.01 | 18.21 | 21.95 | 31.56 | 35.94 | 40.82 | 48.00 | 48.86 | 50.93 | 86.11 | 82.02 | 58.76 | 47.33 | 41.36 | 37.82 | 35.94 | 28.22 |
| 61755 | -0.84 | -0.89 | -0.68 | -0.54 | -0.47 | -0.56 | -0.63 | -0.61 | -0.60 | -0.79 | -1.30 | -1.89 | -2.34 | -2.85 | -2.91 | -3.34 | -5.17 | -4.81 | -3.20 | -2.42 | -2.11 | -2.03 | -1.69 | -1.10 |
| | 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 | 24.18 | 24.09 | 20.83 | 17.27 | 16.44 | 19.49 | 20.20 | 22.22 | 33.23 | 27.96 | 35.60 | 40.95 | 46.68 | 55.51 | 55.33 | 54.02 | 96.29 | 93.54 | 66.06 | 53.64 | 48.48 | 42.27 | 41.52 | 30.94 |
| 61845 | 1.87 | 2.00 | 1.65 | 1.31 | 1.24 | 1.48 | 1.60 | 1.67 | 1.61 | 1.93 | 2.75 | 3.13 | 3.52 | 4.11 | 3.87 | 4.13 | 6.40 | 6.38 | 4.71 | 3.89 | 3.45 | 3.13 | 2.91 | 2.28 |
| | -0.39 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.94 | -12.81 | -3.29 | 0.00 | 0.00 | 0.00 | -0.55 | 0.31 | 4.37 | 1.40 | -0.33 | 0.61 | 0.00 | -1.56 | 0.70 | -0.97 | 0.66 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|---------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| OH | 21.43 | 21.36 | 18.67 | 15.50 | 14.75 | 17.43 | 17.82 | 18.63 | 18.42 | 21.59 | 25.67 | 30.04 | 36.77 | 48.51 | 45.39 | 51.69 | 85.49 | 84.40 | 59.77 | 47.95 | 41.83 | 37.07 | 36.79 | 28.72 |
| 61846 | -0.55 | -0.73 | -0.51 | -0.46 | -0.46 | -0.57 | -0.77 | -1.06 | -1.10 | -1.42 | -1.94 | -2.00 | -1.97 | -2.34 | -1.53 | -1.54 | -2.04 | -2.42 | -2.20 | -1.80 | -1.64 | -1.29 | -0.84 | -0.60 |
| | -0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.07 | -0.71 | -0.27 | 5.25 | 5.79 | 4.42 | 0.00 | 4.85 | 1.04 | 3.75 | 0.00 | 0.00 | 0.00 | 0.00 | 1.48 | 0.00 | 0.00 |
| PJM | 22.80 | 22.56 | 19.60 | 16.25 | 15.48 | 18.35 | 18.88 | 20.17 | 22.29 | 22.79 | 36.07 | 41.48 | 46.65 | 52.91 | 73.34 | 59.82 | 100.90 | 101.19 | 62.88 | 50.21 | 45.47 | 39.59 | 38.70 | 29.77 |
| 61847 | 0.50 | 0.47 | 0.42 | 0.29 | 0.27 | 0.34 | 0.28 | 0.20 | 0.07 | 0.04 | 0.22 | 0.38 | 0.57 | 0.47 | 1.09 | 1.18 | 2.24 | 2.04 | 0.92 | 0.47 | 0.44 | 0.45 | 0.70 | 0.46 |
| | -0.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.35 | -3.41 | -0.02 | -3.00 | -3.28 | -2.92 | -1.59 | -20.48 | -4.37 | -7.37 | -12.32 | 0.00 | 0.00 | -1.56 | 0.70 | -0.38 | 0.00 |
| WEST | 21.82 | 21.69 | 18.94 | 15.72 | 14.95 | 17.69 | 18.09 | 18.94 | 18.72 | 22.01 | 50.04 | 56.88 | 59.56 | 57.27 | 154.13 | 93.62 | 135.03 | 145.32 | 61.31 | 49.15 | 42.80 | 39.48 | 37.66 | 29.37 |
| 61752 | -0.16 | -0.40 | -0.24 | -0.24 | -0.25 | -0.32 | -0.51 | -0.75 | -0.77 | -0.99 | -1.28 | -1.19 | -1.00 | -1.12 | -0.19 | -0.10 | 0.42 | -0.16 | -0.65 | -0.59 | -0.67 | -0.37 | 0.03 | 0.06 |
| | -0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.07 | -0.68 | -0.26 | -18.47 | -20.25 | -17.40 | -7.55 | -102.55 | -39.46 | -43.33 | -58.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |