

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

03/12/2017

| Name | 00:00 | 01:00 | 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 | EST | EST | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| CAPITL | EST | EST | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 61757 | 1.70 | 1.64 | 1.83 | 1.52 | 1.43 | 1.92 | 2.11 | 2.26 | 2.41 | 2.40 | 2.30 | 2.34 | 1.59 | 0.89 | -0.77 | 0.63 | 1.65 | 23.41 | 12.96 | 7.41 | 3.62 | 2.23 | 1.96 |
| | -14.85 | -12.05 | -23.50 | -27.45 | -25.46 | -4.02 | -1.75 | -2.23 | 0.00 | 0.00 | 0.00 | 0.00 | -17.26 | -15.53 | -66.89 | -26.63 | -2.06 | -0.87 | -6.29 | 0.00 | 0.00 | -9.33 | -1.34 |
| CENTRL | 23.74 | 22.77 | 26.05 | 22.33 | 20.91 | 24.21 | 26.27 | 27.14 | 28.24 | 28.43 | 29.01 | 28.82 | 20.93 | 12.64 | -1.93 | 10.89 | 20.89 | 291.32 | 166.81 | 98.80 | 45.88 | 28.46 | 24.94 |
| 61754 | 0.17 | 0.16 | 0.20 | 0.16 | 0.17 | 0.34 | 0.40 | 0.47 | 0.63 | 0.64 | 0.48 | 0.43 | 0.31 | 0.14 | -0.15 | 0.14 | 0.31 | 4.64 | 3.04 | 1.75 | 0.64 | 0.29 | 0.29 |
| | -1.70 | -1.38 | -2.69 | -3.15 | -2.92 | -0.46 | -0.20 | -0.26 | 0.00 | 0.00 | 0.00 | 0.00 | -1.98 | -1.78 | -7.65 | -3.04 | -0.23 | -0.10 | -0.72 | 0.00 | 0.00 | -1.07 | -0.15 |
| DUNWOD | 35.42 | 32.49 | 43.34 | 41.92 | 39.11 | 28.88 | 29.64 | 30.94 | 30.59 | 30.84 | 31.49 | 31.47 | 33.99 | 23.84 | 41.04 | 29.09 | 24.21 | 318.85 | 185.61 | 107.30 | 50.39 | 37.23 | 28.15 |
| 61760 | 2.11 | 1.97 | 2.08 | 1.73 | 1.67 | 2.37 | 2.61 | 2.80 | 2.99 | 3.05 | 2.97 | 3.08 | 2.06 | 1.16 | -1.03 | 0.88 | 2.27 | 31.60 | 17.71 | 10.25 | 5.15 | 2.96 | 2.62 |
| | -11.44 | -9.28 | -18.10 | -21.15 | -19.62 | -3.10 | -1.35 | -1.72 | 0.00 | 0.00 | 0.00 | 0.00 | -13.28 | -11.96 | -51.49 | -20.50 | -1.59 | -0.67 | -4.85 | 0.00 | 0.00 | -7.19 | -1.04 |
| GENESE | 22.43 | 21.54 | 24.38 | 20.79 | 19.48 | 23.17 | 25.35 | 26.17 | 27.34 | 27.61 | 28.15 | 27.91 | 19.89 | 11.90 | -3.30 | 9.98 | 20.16 | 282.58 | 162.06 | 95.97 | 44.33 | 27.26 | 24.22 |
| 61753 | -0.77 | -0.77 | -0.88 | -0.70 | -0.63 | -0.60 | -0.49 | -0.45 | -0.26 | -0.18 | -0.38 | -0.48 | -0.31 | -0.22 | 0.12 | -0.12 | -0.38 | -4.08 | -1.56 | -1.08 | -0.91 | -0.67 | -0.40 |
| | -1.33 | -1.08 | -2.11 | -2.46 | -2.28 | -0.36 | -0.16 | -0.20 | 0.00 | 0.00 | 0.00 | 0.00 | -1.55 | -1.40 | -6.01 | -2.39 | -0.18 | -0.08 | -0.56 | 0.00 | 0.00 | -0.84 | -0.12 |
| H Q | 21.16 | 16.10 | 20.80 | 13.82 | 17.28 | 22.65 | 24.85 | 25.50 | 26.56 | 26.74 | 27.60 | 27.44 | 17.95 | 10.34 | -9.07 | 7.42 | 19.65 | 276.86 | 158.03 | 98.04 | 38.81 | 26.22 | 23.70 |
| 61844 | -0.71 | -0.66 | -0.73 | -0.59 | -0.54 | -0.76 | -0.83 | -0.92 | -1.04 | -1.05 | -0.92 | -0.95 | -0.69 | -0.38 | 0.34 | -0.29 | -0.70 | -9.67 | -5.02 | -2.85 | -1.46 | -0.87 | -0.80 |
| | 0.00 | 4.47 | 1.63 | 4.61 | 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 | 0.05 | 0.00 | -3.84 | 4.98 | 0.00 | 0.00 |
| HUD VL | 35.27 | 32.38 | 43.16 | 41.69 | 38.91 | 28.82 | 29.58 | 30.87 | 30.55 | 30.78 | 31.44 | 31.37 | 33.79 | 23.68 | 40.54 | 28.84 | 24.12 | 318.14 | 185.27 | 107.05 | 50.21 | 37.05 | 28.05 |
| 61758 | 2.10 | 1.97 | 2.10 | 1.74 | 1.67 | 2.34 | 2.57 | 2.75 | 2.95 | 2.99 | 2.91 | 2.98 | 1.99 | 1.12 | -1.00 | 0.84 | 2.19 | 30.89 | 17.43 | 10.00 | 4.97 | 2.85 | 2.53 |
| | -11.30 | -9.18 | -17.91 | -20.93 | -19.41 | -3.07 | -1.34 | -1.70 | 0.00 | 0.00 | 0.00 | 0.00 | -13.14 | -11.83 | -50.95 | -20.29 | -1.57 | -0.67 | -4.79 | 0.00 | 0.00 | -7.11 | -1.02 |
| LONGIL | 36.06 | 33.12 | 44.00 | 42.51 | 39.68 | 29.65 | 30.35 | 31.67 | 31.31 | 31.67 | 32.32 | 32.37 | 47.13 | 24.17 | 45.64 | 30.09 | 24.84 | 327.42 | 193.19 | 110.33 | 51.84 | 41.89 | 36.83 |
| 61762 | 2.75 | 2.60 | 2.74 | 2.33 | 2.24 | 3.14 | 3.32 | 3.53 | 3.71 | 3.88 | 3.79 | 3.97 | 2.67 | 1.49 | -1.31 | 1.12 | 2.90 | 40.17 | 23.11 | 13.28 | 6.60 | 3.81 | 3.46 |
| | -11.44 | -9.28 | -18.10 | -21.15 | -19.62 | -3.10 | -1.35 | -1.72 | 0.00 | 0.00 | 0.00 | 0.00 | -25.80 | -11.96 | -56.37 | -21.26 | -1.59 | -0.67 | -7.03 | 0.00 | 0.00 | -11.00 | -8.88 |
| MHK VL | 24.51 | 23.51 | 26.99 | 23.23 | 21.77 | 24.82 | 26.88 | 27.78 | 28.76 | 28.94 | 29.64 | 29.45 | 21.48 | 13.03 | -1.42 | 11.28 | 21.32 | 297.67 | 170.56 | 100.98 | 46.99 | 29.23 | 25.50 |
| 61756 | 0.70 | 0.68 | 0.74 | 0.61 | 0.60 | 0.88 | 0.97 | 1.07 | 1.16 | 1.15 | 1.12 | 1.06 | 0.67 | 0.36 | -0.33 | 0.29 | 0.73 | 10.99 | 6.75 | 3.93 | 1.75 | 0.95 | 0.82 |
| | -1.94 | -1.60 | -3.09 | -3.59 | -3.35 | -0.53 | -0.23 | -0.29 | 0.00 | 0.00 | 0.00 | 0.00 | -2.16 | -1.95 | -8.33 | -3.29 | -0.25 | -0.10 | -0.76 | 0.00 | 0.00 | -1.19 | -0.17 |
| MILLWD | 35.62 | 32.66 | 43.61 | 42.19 | 39.38 | 29.02 | 29.78 | 31.09 | 30.75 | 30.99 | 31.64 | 31.60 | 34.20 | 23.99 | 41.47 | 29.30 | 24.30 | 320.32 | 186.57 | 107.85 | 50.60 | 37.41 | 28.25 |
| 61759 | 2.21 | 2.06 | 2.19 | 1.81 | 1.75 | 2.48 | 2.74 | 2.94 | 3.15 | 3.20 | 3.11 | 3.21 | 2.14 | 1.20 | -1.07 | 0.90 | 2.35 | 33.06 | 18.63 | 10.79 | 5.36 | 3.07 | 2.71 |
| | -11.54 | -9.37 | -18.27 | -21.35 | -19.80 | -3.13 | -1.36 | -1.74 | 0.00 | 0.00 | 0.00 | 0.00 | -13.41 | -12.07 | -51.96 | -20.69 | -1.60 | -0.68 | -4.89 | 0.00 | 0.00 | -7.25 | -1.05 |
| N.Y.C. | 35.56 | 32.61 | 43.44 | 42.01 | 39.21 | 29.05 | 29.84 | 31.14 | 30.81 | 31.06 | 31.70 | 31.70 | 34.15 | 23.93 | 40.98 | 29.16 | 24.38 | 320.89 | 186.94 | 108.48 | 50.90 | 37.44 | 28.32 |
| 61761 | 2.25 | 2.10 | 2.18 | 1.83 | 1.77 | 2.53 | 2.82 | 3.00 | 3.21 | 3.27 | 3.18 | 3.31 | 2.21 | 1.24 | -1.10 | 0.95 | 2.44 | 33.64 | 19.05 | 11.00 | 5.56 | 3.16 | 2.79 |
| | -11.44 | -9.28 | -18.10 | -21.16 | -19.62 | -3.10 | -1.35 | -1.72 | 0.00 | 0.00 | 0.00 | 0.00 | -13.29 | -11.96 | -51.50 | -20.51 | -1.59 | -0.67 | -4.85 | -0.43 | -0.09 | -7.19 | -1.04 |
| NORTH | 20.84 | 20.34 | 22.21 | 18.24 | 17.12 | 22.42 | 24.65 | 25.20 | 26.16 | 26.36 | 27.21 | 27.01 | 17.59 | 10.13 | -8.88 | 7.24 | 19.26 | 272.80 | 156.24 | 93.59 | 43.67 | 26.13 | 23.51 |
| 61755 | -1.03 | -0.89 | -0.95 | -0.78 | -0.70 | -0.99 | -1.02 | -1.22 | -1.44 | -1.44 | -1.31 | -1.38 | -1.06 | -0.59 | 0.54 | -0.47 | -1.09 | -13.78 | -6.81 | -3.46 | -1.57 | -0.96 | -0.99 |
| | 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 | 37.03 | 33.77 | 46.15 | 45.26 | 42.18 | 29.09 | 28.47 | 31.79 | 36.32 | 35.76 | 39.10 | 36.62 | 36.11 | 26.62 | 52.91 | 32.28 | 26.90 | 313.79 | 182.55 | 108.75 | 44.24 | 37.88 | 27.58 |
| 61845 | 1.86 | 1.73 | 1.94 | 1.62 | 1.54 | 2.07 | 2.29 | 2.45 | 2.62 | 2.64 | 2.56 | 2.61 | 1.79 | 1.02 | -0.88 | 0.73 | 1.87 | 25.77 | 13.86 | 7.87 | 3.98 | 2.43 | 2.19 |
| | -13.30 | -10.80 | -21.06 | -24.61 | -22.82 | -3.61 | -0.51 | -2.92 | -6.10 | -5.32 | -8.02 | -5.62 | -15.67 | -14.88 | -63.21 | -23.85 | -4.69 | -1.44 | -5.64 | -3.84 | 4.98 | -8.36 | -0.90 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|--------|--------|-------|-------|-------|
| OH 61846 | 22.10 | 21.17 | 24.36 | 21.03 | 19.73 | 22.61 | 24.65 | 25.44 | 26.53 | 26.75 | 27.18 | 26.91 | 19.80 | 12.02 | -0.75 | 10.61 | 19.47 | 272.10 | 157.79 | 92.03 | 42.38 | 26.50 | 25.53 |
| | -1.59 | -1.55 | -1.69 | -1.38 | -1.23 | -1.30 | -1.24 | -1.26 | -1.08 | -1.04 | -1.35 | -1.48 | -0.97 | -0.61 | 0.44 | -0.37 | -1.14 | -14.81 | -8.33 | -5.02 | -2.86 | -1.74 | -1.15 |
| | -1.83 | -1.49 | -2.89 | -3.38 | -3.14 | -0.50 | -0.22 | -0.28 | 0.00 | 0.00 | 0.00 | 0.00 | -2.12 | -1.91 | -8.23 | -3.28 | -0.25 | -0.34 | -3.06 | 0.00 | 0.00 | -1.15 | -2.18 |
| PJM 61847 | 28.61 | 26.74 | 33.63 | 31.10 | 29.10 | 25.86 | 27.30 | 28.35 | 28.77 | 28.92 | 29.47 | 29.34 | 26.68 | 17.70 | 18.85 | 19.42 | 21.95 | 297.24 | 171.52 | 104.02 | 41.69 | 31.82 | 28.44 |
| | 0.39 | 0.35 | 0.41 | 0.32 | 0.38 | 0.72 | 0.88 | 0.98 | 1.16 | 1.13 | 0.95 | 0.96 | 0.65 | 0.34 | -0.34 | 0.32 | 0.72 | 10.33 | 5.78 | 3.13 | 1.43 | 0.73 | 0.76 |
| | -6.36 | -5.16 | -10.06 | -11.75 | -10.90 | -1.72 | -0.75 | -0.96 | 0.00 | 0.00 | 0.00 | 0.00 | -7.38 | -6.64 | -28.61 | -11.39 | -0.88 | -0.33 | -2.69 | -3.84 | 4.98 | -3.99 | -3.19 |
| WEST 61752 | 22.37 | 21.44 | 24.59 | 21.18 | 19.88 | 22.97 | 25.08 | 25.88 | 27.05 | 27.30 | 27.70 | 27.39 | 20.03 | 12.12 | -1.24 | 10.60 | 19.76 | 277.06 | 158.77 | 94.03 | 43.26 | 26.98 | 24.00 |
| | -1.26 | -1.22 | -1.34 | -1.09 | -0.95 | -0.92 | -0.80 | -0.80 | -0.55 | -0.49 | -0.83 | -1.00 | -0.66 | -0.44 | 0.28 | -0.25 | -0.84 | -9.62 | -5.03 | -3.02 | -1.98 | -1.21 | -0.66 |
| | -1.76 | -1.42 | -2.78 | -3.25 | -3.01 | -0.48 | -0.21 | -0.26 | 0.00 | 0.00 | 0.00 | 0.00 | -2.04 | -1.84 | -7.91 | -3.15 | -0.24 | -0.10 | -0.74 | 0.00 | 0.00 | -1.10 | -0.16 |