

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

02/07/2017

| 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 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| CAPITL | 19.40 | 21.83 | 20.39 | 21.77 | 18.43 | 20.91 | 24.50 | 27.75 | 27.36 | 28.76 | 26.82 | 27.04 | 29.47 | 31.30 | 34.32 | 27.76 | 28.13 | 33.88 | 29.85 | 29.76 | 63.12 | 33.62 | 26.60 | 83.31 |
| 61757 | 1.25 | 1.37 | 1.28 | 1.37 | 1.17 | 1.40 | 1.68 | 1.83 | 1.78 | 1.85 | 1.78 | 1.83 | 2.02 | 2.18 | 2.36 | 1.86 | 1.91 | 2.29 | 2.03 | 1.96 | 3.83 | 1.85 | 1.20 | -0.79 |
| | 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 | -4.39 | -7.78 | -96.06 |
| CENTRL | 18.31 | 20.65 | 19.31 | 20.63 | 17.45 | 19.77 | 23.13 | 26.30 | 25.97 | 27.30 | 25.32 | 25.45 | 27.75 | 29.47 | 32.37 | 26.21 | 26.49 | 31.93 | 28.06 | 28.08 | 60.09 | 28.18 | 18.62 | -0.72 |
| 61754 | 0.16 | 0.19 | 0.20 | 0.23 | 0.18 | 0.26 | 0.30 | 0.39 | 0.39 | 0.39 | 0.27 | 0.24 | 0.30 | 0.35 | 0.40 | 0.31 | 0.26 | 0.34 | 0.24 | 0.29 | 0.81 | 0.28 | 0.08 | -0.01 |
| | 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 | -0.52 | -0.92 | -11.26 |
| DUNWOD | 19.45 | 21.81 | 20.36 | 21.74 | 18.44 | 20.91 | 24.78 | 28.35 | 28.07 | 29.59 | 27.57 | 27.81 | 30.37 | 32.33 | 35.42 | 28.76 | 29.04 | 34.83 | 30.71 | 30.64 | 64.81 | 33.30 | 25.08 | 59.23 |
| 61760 | 1.31 | 1.35 | 1.25 | 1.34 | 1.17 | 1.40 | 1.95 | 2.43 | 2.49 | 2.68 | 2.52 | 2.60 | 2.92 | 3.21 | 3.45 | 2.85 | 2.82 | 3.24 | 2.89 | 2.84 | 5.53 | 2.63 | 1.62 | -0.79 |
| | 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 | -3.29 | -5.83 | -71.99 |
| GENESE | 17.93 | 20.24 | 18.94 | 20.23 | 17.12 | 19.49 | 22.66 | 25.58 | 25.27 | 26.51 | 24.52 | 24.74 | 26.98 | 28.71 | 31.62 | 25.60 | 25.94 | 31.35 | 27.51 | 27.58 | 59.05 | 27.43 | 17.92 | -2.80 |
| 61753 | -0.22 | -0.23 | -0.17 | -0.17 | -0.14 | -0.02 | -0.17 | -0.34 | -0.31 | -0.39 | -0.52 | -0.47 | -0.46 | -0.41 | -0.35 | -0.31 | -0.28 | -0.23 | -0.30 | -0.21 | -0.24 | -0.36 | -0.42 | 0.24 |
| | 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 | -0.41 | -0.72 | -8.92 |
| H Q | 17.57 | 19.90 | 18.58 | 19.80 | 16.75 | 18.92 | 22.08 | 25.03 | 24.69 | 25.99 | 24.18 | 24.32 | 26.46 | 28.05 | 30.78 | 24.93 | 25.27 | 30.49 | 26.85 | 26.83 | 57.27 | 26.38 | 17.04 | -11.66 |
| 61844 | -0.54 | -0.56 | -0.53 | -0.60 | -0.51 | -0.59 | -0.75 | -0.89 | -0.89 | -0.92 | -0.86 | -0.90 | -0.99 | -1.08 | -1.19 | -0.97 | -0.95 | -1.10 | -0.97 | -0.96 | -2.01 | -1.01 | -0.58 | 0.30 |
| | 0.04 | 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 |
| HUD VL | 19.51 | 21.91 | 20.45 | 21.85 | 18.53 | 21.02 | 24.87 | 28.45 | 28.16 | 29.70 | 27.70 | 27.94 | 30.48 | 32.41 | 35.51 | 28.82 | 29.11 | 34.96 | 30.81 | 30.73 | 65.10 | 33.38 | 25.12 | 59.21 |
| 61758 | 1.36 | 1.45 | 1.34 | 1.45 | 1.26 | 1.51 | 2.05 | 2.53 | 2.58 | 2.80 | 2.66 | 2.73 | 3.03 | 3.29 | 3.55 | 2.91 | 2.89 | 3.37 | 2.99 | 2.93 | 5.81 | 2.71 | 1.66 | -0.85 |
| | 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 | -3.29 | -5.84 | -72.03 |
| LONGIL | 19.89 | 22.28 | 20.76 | 22.19 | 18.82 | 21.41 | 25.48 | 29.07 | 28.82 | 30.40 | 31.09 | 31.19 | 31.23 | 33.31 | 36.54 | 37.69 | 31.56 | 75.10 | 37.48 | 44.05 | 73.62 | 42.46 | 27.34 | 60.61 |
| 61762 | 1.74 | 1.82 | 1.65 | 1.80 | 1.56 | 1.90 | 2.66 | 3.15 | 3.24 | 3.27 | 3.34 | 3.42 | 3.78 | 4.19 | 4.57 | 3.82 | 3.72 | 4.37 | 3.79 | 3.76 | 7.40 | 3.53 | 2.20 | -1.05 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.23 | -2.70 | -2.56 | 0.00 | 0.00 | 0.00 | -7.96 | -1.62 | -39.14 | -5.88 | -12.49 | -6.93 | -11.54 | -7.51 | -73.63 |
| MHK VL | 18.73 | 21.10 | 19.69 | 21.03 | 17.80 | 20.16 | 23.67 | 26.94 | 26.60 | 27.97 | 26.01 | 26.17 | 28.52 | 30.27 | 33.24 | 26.93 | 27.23 | 32.88 | 28.92 | 28.89 | 61.57 | 28.90 | 19.18 | 0.32 |
| 61756 | 0.58 | 0.63 | 0.58 | 0.63 | 0.54 | 0.65 | 0.84 | 1.02 | 1.01 | 1.07 | 0.97 | 0.96 | 1.07 | 1.15 | 1.27 | 1.02 | 1.01 | 1.28 | 1.10 | 1.10 | 2.28 | 0.96 | 0.57 | -0.33 |
| | 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 | -0.56 | -0.99 | -12.62 |
| MILLWD | 19.49 | 21.86 | 20.40 | 21.80 | 18.48 | 20.96 | 24.84 | 28.42 | 28.14 | 29.66 | 27.64 | 27.88 | 30.44 | 32.39 | 35.50 | 28.81 | 29.11 | 34.96 | 30.83 | 30.75 | 65.09 | 33.43 | 25.17 | 59.88 |
| 61759 | 1.34 | 1.39 | 1.29 | 1.40 | 1.22 | 1.45 | 2.02 | 2.51 | 2.56 | 2.76 | 2.60 | 2.67 | 2.99 | 3.27 | 3.53 | 2.90 | 2.89 | 3.37 | 3.01 | 2.95 | 5.80 | 2.73 | 1.66 | -0.83 |
| | 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 | -3.32 | -5.89 | -72.68 |
| N.Y.C. | 19.54 | 21.91 | 20.44 | 21.83 | 18.51 | 21.00 | 24.92 | 28.55 | 28.31 | 29.85 | 27.79 | 28.03 | 30.62 | 32.61 | 35.70 | 29.00 | 29.28 | 35.06 | 30.92 | 30.84 | 65.21 | 33.50 | 25.22 | 59.25 |
| 61761 | 1.39 | 1.45 | 1.33 | 1.43 | 1.25 | 1.49 | 2.09 | 2.64 | 2.72 | 2.94 | 2.74 | 2.82 | 3.17 | 3.48 | 3.73 | 3.10 | 3.06 | 3.47 | 3.10 | 3.04 | 5.92 | 2.83 | 1.76 | -0.78 |
| | 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 | -3.29 | -5.83 | -72.00 |
| NORTH | 17.67 | 19.97 | 18.61 | 19.73 | 16.67 | 18.86 | 22.01 | 24.97 | 24.57 | 25.88 | 24.03 | 24.14 | 26.23 | 27.76 | 30.40 | 24.56 | 24.93 | 30.10 | 26.45 | 26.44 | 56.58 | 25.84 | 16.74 | -11.58 |
| 61755 | -0.48 | -0.49 | -0.50 | -0.67 | -0.59 | -0.65 | -0.82 | -0.95 | -1.01 | -1.03 | -1.01 | -1.06 | -1.22 | -1.36 | -1.57 | -1.34 | -1.29 | -1.49 | -1.37 | -1.35 | -2.71 | -1.54 | -0.88 | 0.39 |
| | 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 | 19.38 | 21.83 | 20.38 | 21.75 | 18.27 | 20.92 | 24.38 | 27.97 | 27.59 | 29.03 | 27.08 | 27.32 | 29.79 | 31.65 | 34.71 | 28.03 | 28.40 | 34.90 | 29.64 | 30.13 | 64.76 | 36.55 | 25.06 | 75.19 |
| 61845 | 1.27 | 1.37 | 1.27 | 1.35 | 1.18 | 1.41 | 1.76 | 2.05 | 2.01 | 2.13 | 2.04 | 2.12 | 2.34 | 2.53 | 2.75 | 2.12 | 2.18 | 2.56 | 2.30 | 2.26 | 4.39 | 2.12 | 1.33 | -0.83 |
| | 0.04 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.74 | 0.47 | -0.07 | -1.08 | -7.04 | -6.10 | -87.99 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| OH 61846 | 17.18 | 19.45 | 18.24 | 19.49 | 16.46 | 18.69 | 21.50 | 24.28 | 23.96 | 25.15 | 23.15 | 23.29 | 25.39 | 27.07 | 29.92 | 24.23 | 24.50 | 30.18 | 25.80 | 26.00 | 55.86 | 26.13 | 17.31 | 0.86 |
| | -0.97 | -1.02 | -0.87 | -0.91 | -0.81 | -0.82 | -1.33 | -1.64 | -1.62 | -1.76 | -1.89 | -1.92 | -2.06 | -2.05 | -2.05 | -1.68 | -1.72 | -2.15 | -2.02 | -1.80 | -3.42 | -1.80 | -1.29 | 0.77 |
| | 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 | -0.74 | 0.00 | 0.00 | 0.00 | -0.55 | -0.98 | -12.06 |
| PJM 61847 | 18.18 | 20.52 | 19.19 | 20.51 | 17.35 | 19.66 | 23.02 | 26.30 | 25.96 | 27.36 | 25.34 | 25.50 | 27.86 | 29.70 | 32.65 | 26.48 | 26.67 | 31.92 | 28.03 | 28.12 | 60.04 | 29.50 | 20.96 | 28.23 |
| | 0.06 | 0.06 | 0.08 | 0.11 | 0.09 | 0.15 | 0.19 | 0.38 | 0.38 | 0.44 | 0.30 | 0.29 | 0.41 | 0.58 | 0.68 | 0.58 | 0.45 | 0.33 | 0.21 | 0.32 | 0.76 | 0.28 | 0.10 | 0.06 |
| | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.83 | -3.23 | -40.14 |
| WEST 61752 | 17.47 | 19.78 | 18.56 | 19.82 | 16.74 | 19.06 | 21.89 | 24.72 | 24.40 | 25.60 | 23.57 | 23.70 | 25.83 | 27.54 | 30.42 | 24.60 | 24.83 | 29.86 | 26.16 | 26.35 | 56.62 | 26.40 | 17.44 | 0.25 |
| | -0.68 | -0.68 | -0.55 | -0.58 | -0.52 | -0.45 | -0.94 | -1.20 | -1.18 | -1.31 | -1.47 | -1.51 | -1.61 | -1.59 | -1.55 | -1.30 | -1.39 | -1.73 | -1.66 | -1.45 | -2.67 | -1.51 | -1.12 | 0.62 |
| | 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 | -0.53 | -0.94 | -11.59 |