

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

05/17/2017

| 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 | 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 | 35.35 | 35.45 | 20.46 | 24.19 | 18.64 | 19.81 | 19.15 | 27.95 | 21.88 | 24.90 | 26.25 | 22.61 | 22.42 | 24.51 | 26.68 | 31.32 | 25.00 | 28.64 | 35.86 | 42.34 | 86.76 | 44.66 | 32.74 | 41.43 |
| 61757 | 0.24 | -0.07 | 0.06 | 0.05 | 0.33 | 0.91 | 0.98 | 1.48 | 1.15 | 1.32 | 1.38 | 1.26 | 1.31 | 1.47 | 1.63 | 2.06 | 1.99 | 2.20 | 2.38 | 2.61 | 5.45 | 2.78 | 1.81 | 1.98 |
| | -31.05 | -36.95 | -19.38 | -23.34 | -12.48 | -2.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.77 | 7.86 | 6.64 | 1.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CENTRL | 5.80 | 0.62 | 2.10 | 2.11 | 6.57 | 16.58 | 18.58 | 27.04 | 21.30 | 24.12 | 25.39 | 21.75 | 21.50 | 23.52 | 25.63 | 32.07 | 36.38 | 42.95 | 37.31 | 39.91 | 81.92 | 42.19 | 31.24 | 39.71 |
| 61754 | 0.02 | -0.02 | 0.01 | 0.01 | 0.05 | 0.23 | 0.42 | 0.56 | 0.57 | 0.54 | 0.52 | 0.41 | 0.40 | 0.48 | 0.57 | 0.59 | 0.48 | 0.44 | 0.22 | 0.17 | 0.60 | 0.31 | 0.32 | 0.26 |
| | -1.72 | -2.06 | -1.08 | -1.30 | -0.69 | -0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.45 | -5.03 | -9.43 | -1.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DUNWOD | 27.95 | 26.04 | 15.63 | 18.38 | 15.72 | 19.73 | 19.92 | 29.23 | 23.01 | 26.23 | 27.65 | 23.86 | 23.69 | 25.91 | 28.21 | 41.60 | 92.53 | 117.55 | 62.20 | 44.36 | 90.61 | 46.76 | 34.30 | 43.24 |
| 61760 | 0.41 | -0.11 | 0.09 | 0.07 | 0.53 | 1.51 | 1.75 | 2.76 | 2.28 | 2.65 | 2.78 | 2.52 | 2.59 | 2.87 | 3.15 | 4.02 | 3.80 | 3.96 | 4.26 | 4.63 | 9.29 | 4.88 | 3.37 | 3.79 |
| | -23.48 | -27.57 | -14.52 | -17.51 | -9.36 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.55 | -57.86 | -80.50 | -22.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GENESE | 5.31 | 0.11 | 1.83 | 1.78 | 6.31 | 16.33 | 18.39 | 26.61 | 21.01 | 23.81 | 25.02 | 21.43 | 21.18 | 23.17 | 25.27 | 31.28 | 33.62 | 37.50 | 36.14 | 39.18 | 80.58 | 41.53 | 30.78 | 39.26 |
| 61753 | -0.05 | -0.02 | -0.01 | 0.00 | -0.04 | 0.01 | 0.22 | 0.14 | 0.28 | 0.24 | 0.15 | 0.08 | 0.07 | 0.13 | 0.21 | -0.09 | -0.25 | -0.18 | -0.50 | -0.55 | -0.73 | -0.35 | -0.15 | -0.19 |
| | -1.30 | -1.56 | -0.82 | -0.99 | -0.53 | -0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.33 | -2.99 | -4.60 | -1.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| H Q | 3.94 | -1.38 | 0.99 | 0.78 | 5.67 | 15.74 | 16.96 | 25.59 | 19.97 | 22.70 | 24.00 | 20.59 | 20.31 | 7.01 | 6.64 | 22.25 | 15.15 | 14.42 | 23.08 | 38.57 | 63.37 | 40.48 | 29.90 | 28.69 |
| 61844 | -0.12 | 0.04 | -0.03 | -0.02 | -0.15 | -0.46 | -0.57 | -0.89 | -0.77 | -0.87 | -0.87 | -0.75 | -0.80 | -0.90 | -1.02 | -1.23 | -1.06 | -1.11 | -1.11 | -1.17 | -2.56 | -1.40 | -1.03 | -1.04 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.13 | 17.40 | 7.56 | 14.67 | 17.55 | 11.15 | 0.00 | 15.39 | 0.00 | 0.00 | 9.72 |
| HUD VL | 27.71 | 26.11 | 15.62 | 18.36 | 15.68 | 19.66 | 19.85 | 29.11 | 22.89 | 26.09 | 27.50 | 23.73 | 23.55 | 25.75 | 28.07 | 40.60 | 81.58 | 107.76 | 59.51 | 44.26 | 90.50 | 46.68 | 34.22 | 43.13 |
| 61758 | 0.39 | -0.11 | 0.09 | 0.07 | 0.50 | 1.44 | 1.69 | 2.64 | 2.16 | 2.52 | 2.63 | 2.38 | 2.44 | 2.71 | 3.02 | 3.87 | 3.70 | 3.90 | 4.18 | 4.53 | 9.19 | 4.80 | 3.29 | 3.68 |
| | -23.27 | -27.64 | -14.52 | -17.49 | -9.35 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.69 | -47.01 | -70.77 | -19.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LONGIL | 45.12 | 31.05 | 18.50 | 19.41 | 15.92 | 22.47 | 20.62 | 55.93 | 41.72 | 27.18 | 28.80 | 24.97 | 33.68 | 28.06 | 29.08 | 42.19 | 93.06 | 118.05 | 63.04 | 45.23 | 93.18 | 48.41 | 40.74 | 47.00 |
| 61762 | 0.55 | -0.14 | 0.12 | 0.10 | 0.71 | 2.10 | 2.46 | 3.94 | 3.21 | 3.59 | 3.75 | 3.36 | 3.43 | 3.84 | 4.08 | 4.70 | 4.27 | 4.35 | 5.07 | 5.49 | 11.87 | 6.37 | 4.23 | 4.67 |
| | -40.51 | -32.61 | -17.36 | -18.51 | -9.39 | -4.16 | 0.00 | -25.52 | -17.78 | -0.02 | -0.18 | -0.27 | -9.14 | -1.19 | 0.04 | -6.45 | -57.91 | -80.62 | -22.62 | 0.00 | 0.00 | -0.16 | -5.58 | -2.88 |
| MHK VL | 6.34 | 1.24 | 2.44 | 2.51 | 6.82 | 16.69 | 18.60 | 27.21 | 21.39 | 24.30 | 25.70 | 22.07 | 21.79 | 23.82 | 25.95 | 30.48 | 32.91 | 37.84 | 35.63 | 40.92 | 83.86 | 43.12 | 31.73 | 40.19 |
| 61756 | 0.06 | -0.02 | 0.01 | 0.01 | 0.08 | 0.28 | 0.44 | 0.73 | 0.66 | 0.73 | 0.83 | 0.73 | 0.68 | 0.78 | 0.90 | 1.09 | 1.05 | 1.11 | 1.06 | 1.19 | 2.55 | 1.24 | 0.80 | 0.74 |
| | -2.22 | -2.68 | -1.42 | -1.71 | -0.92 | -0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.64 | -0.98 | -3.65 | 0.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MILLWD | 28.02 | 26.24 | 15.71 | 18.46 | 15.75 | 19.71 | 19.90 | 29.21 | 22.99 | 26.20 | 27.62 | 23.84 | 23.68 | 25.90 | 28.22 | 41.55 | 91.65 | 116.72 | 62.04 | 44.48 | 90.89 | 46.88 | 34.37 | 43.29 |
| 61759 | 0.41 | -0.11 | 0.09 | 0.07 | 0.52 | 1.48 | 1.73 | 2.74 | 2.26 | 2.63 | 2.76 | 2.50 | 2.57 | 2.86 | 3.17 | 4.05 | 3.86 | 4.06 | 4.36 | 4.74 | 9.57 | 5.00 | 3.44 | 3.84 |
| | -23.56 | -27.78 | -14.60 | -17.59 | -9.40 | -2.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.46 | -56.92 | -79.58 | -22.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| N.Y.C. | 28.00 | 26.03 | 15.64 | 18.41 | 15.77 | 19.80 | 19.99 | 29.39 | 23.18 | 26.88 | 32.67 | 31.28 | 33.74 | 59.02 | 47.03 | 43.35 | 92.74 | 117.78 | 62.37 | 44.54 | 90.84 | 49.64 | 37.06 | 71.62 |
| 61761 | 0.44 | -0.11 | 0.10 | 0.08 | 0.56 | 1.57 | 1.82 | 2.92 | 2.45 | 2.85 | 2.96 | 2.66 | 2.73 | 3.03 | 3.33 | 4.22 | 3.97 | 4.11 | 4.41 | 4.81 | 9.52 | 5.06 | 3.59 | 4.06 |
| | -23.49 | -27.57 | -14.53 | -17.53 | -9.37 | -2.02 | 0.00 | 0.00 | 0.00 | -0.46 | -4.84 | -7.27 | -9.91 | -32.95 | -18.65 | -8.09 | -57.90 | -80.58 | -22.61 | 0.00 | 0.00 | -2.70 | -2.54 | -28.11 |
| NORTH | 3.92 | -1.38 | 0.98 | 0.77 | 5.62 | 15.64 | 17.46 | 25.35 | 19.75 | 22.38 | 23.70 | 20.40 | 19.92 | 21.71 | 23.55 | 0.61 | -24.33 | -24.15 | -3.86 | 37.75 | 76.93 | 39.49 | 29.07 | 37.58 |
| 61755 | -0.14 | 0.04 | -0.04 | -0.03 | -0.20 | -0.56 | -0.70 | -1.12 | -0.98 | -1.19 | -1.16 | -0.95 | -1.18 | -1.33 | -1.50 | -1.85 | -1.42 | -1.45 | -1.70 | -1.99 | -4.38 | -2.40 | -1.85 | -1.87 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28.57 | 53.78 | 55.78 | 37.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NPX | 31.77 | 30.96 | 19.12 | 21.31 | 13.91 | 19.74 | 18.89 | 28.47 | 20.65 | 25.42 | 26.46 | 23.07 | 22.89 | 25.01 | 27.92 | 35.42 | 56.62 | 72.27 | 57.68 | 82.23 | 127.11 | 54.33 | 33.40 | 48.49 |
| 61845 | 0.32 | -0.10 | 0.08 | 0.06 | 0.43 | 1.18 | 1.31 | 1.99 | 1.56 | 1.84 | 1.90 | 1.73 | 1.78 | 1.97 | 2.18 | 2.75 | 2.58 | 2.76 | 3.04 | 3.32 | 6.82 | 3.56 | 2.40 | 2.73 |
| | -27.39 | -32.48 | -18.03 | -20.45 | -7.65 | -2.36 | 0.58 | 0.00 | 1.65 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | -0.69 | -1.63 | -23.15 | -36.42 | -19.29 | -39.18 | -38.97 | -8.89 | -0.07 | -6.31 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| OH | 5.69 | 0.75 | 2.12 | 2.15 | 6.37 | 15.96 | 17.87 | 25.61 | 20.29 | 22.90 | 23.97 | 20.53 | 20.26 | 22.19 | 24.24 | 30.07 | 30.12 | 26.80 | 34.89 | 37.19 | 76.63 | 39.49 | 29.50 | 37.90 |
| 61846 | -0.17 | 0.00 | -0.03 | -0.03 | -0.18 | -0.41 | -0.30 | -0.87 | -0.45 | -0.68 | -0.90 | -0.82 | -0.84 | -0.84 | -0.81 | -1.44 | -1.66 | -1.69 | -2.29 | -2.54 | -4.68 | -2.40 | -1.43 | -1.55 |
| | -1.81 | -2.17 | -1.14 | -1.37 | -0.73 | -0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.48 | -0.90 | 4.60 | -1.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PJM | 16.97 | 13.72 | 9.06 | 10.48 | 11.25 | 18.10 | 18.50 | 27.85 | 22.00 | 25.06 | 27.25 | 24.06 | 24.34 | 31.07 | 31.13 | 36.94 | 64.80 | 83.82 | 49.48 | 41.41 | 84.83 | 43.71 | 32.29 | 40.93 |
| 61847 | 0.17 | -0.06 | 0.04 | 0.04 | 0.26 | 0.77 | 0.97 | 1.38 | 1.27 | 1.39 | 1.42 | 1.27 | 1.27 | 1.45 | 1.67 | 2.00 | 1.79 | 1.86 | 1.65 | 1.68 | 3.51 | 1.83 | 1.37 | 1.48 |
| | -12.74 | -15.20 | -8.00 | -9.65 | -5.16 | -1.11 | 0.63 | 0.00 | 0.00 | -0.09 | -0.96 | -1.45 | -1.97 | -6.58 | -4.40 | -3.90 | -32.13 | -48.88 | -12.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WEST | 5.68 | 0.64 | 2.09 | 2.10 | 6.41 | 16.17 | 18.16 | 26.01 | 20.66 | 23.33 | 24.41 | 20.93 | 20.66 | 22.64 | 24.74 | 30.62 | 45.42 | 76.20 | 35.48 | 37.91 | 78.14 | 40.25 | 30.10 | 38.61 |
| 61752 | -0.12 | -0.02 | -0.02 | -0.01 | -0.12 | -0.18 | 0.00 | -0.46 | -0.07 | -0.24 | -0.46 | -0.42 | -0.45 | -0.40 | -0.32 | -0.87 | -1.09 | -1.03 | -1.65 | -1.83 | -3.17 | -1.63 | -0.83 | -0.84 |
| | -1.74 | -2.09 | -1.09 | -1.32 | -0.71 | -0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.46 | -15.63 | -44.15 | -1.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |