

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

02/25/2018

| 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 | 14.50 | 34.18 | 9.42 | 26.90 | 32.05 | 11.75 | 21.53 | 18.59 | 17.92 | 15.85 | 21.43 | 26.42 | 38.15 | 38.01 | 38.36 | 35.04 | 24.32 | 41.34 | 37.10 | 32.37 | 31.00 | 21.22 | 5.74 | 8.97 |
| 61757 | 0.83 | 0.28 | 0.09 | -0.08 | -0.17 | -0.06 | 0.99 | 0.85 | 0.82 | 0.95 | 0.99 | 0.30 | -0.25 | -0.24 | -0.09 | -0.08 | -0.01 | 0.01 | 0.34 | 0.57 | 0.48 | 0.69 | 0.20 | 0.15 |
| | 0.00 | -29.55 | -7.85 | -28.39 | -35.05 | -12.96 | -3.09 | -4.30 | -4.05 | -0.04 | -5.34 | -21.51 | -42.12 | -41.70 | -39.74 | -36.30 | -24.44 | -41.19 | -32.06 | -23.90 | -23.53 | -10.31 | -2.57 | -6.47 |
| CENTRL | 13.94 | 8.01 | 2.46 | 2.02 | 1.36 | 0.40 | 18.16 | 14.14 | 13.70 | 15.07 | 15.93 | 7.29 | 1.31 | 1.54 | 3.53 | 3.23 | 2.86 | 5.16 | 8.67 | 10.93 | 9.96 | 11.63 | 3.33 | 3.16 |
| 61754 | 0.28 | 0.07 | 0.02 | -0.02 | -0.04 | -0.02 | 0.34 | 0.18 | 0.17 | 0.21 | 0.19 | 0.08 | -0.07 | -0.07 | -0.02 | -0.02 | 0.00 | 0.00 | 0.06 | 0.13 | 0.11 | 0.16 | 0.05 | 0.03 |
| | 0.00 | -3.60 | -0.95 | -3.44 | -4.23 | -1.56 | -0.37 | -0.52 | -0.49 | 0.00 | -0.65 | -2.61 | -5.10 | -5.07 | -4.84 | -4.43 | -2.98 | -5.01 | -3.90 | -2.90 | -2.86 | -1.25 | -0.31 | -0.78 |
| DUNWOD | 15.06 | 26.04 | 7.27 | 18.84 | 22.07 | 8.05 | 21.47 | 17.89 | 17.30 | 16.50 | 20.57 | 20.56 | 26.10 | 26.09 | 27.07 | 24.74 | 17.41 | 29.69 | 28.22 | 25.92 | 24.64 | 18.77 | 5.15 | 7.24 |
| 61760 | 1.39 | 0.46 | 0.16 | -0.14 | -0.28 | -0.12 | 1.80 | 1.36 | 1.34 | 1.61 | 1.64 | 0.51 | -0.40 | -0.38 | -0.15 | -0.13 | -0.01 | 0.02 | 0.52 | 0.87 | 0.77 | 1.16 | 0.34 | 0.25 |
| | 0.00 | -21.22 | -5.64 | -20.39 | -25.17 | -9.31 | -2.22 | -3.09 | -2.91 | -0.03 | -3.84 | -15.45 | -30.22 | -29.92 | -28.52 | -26.05 | -17.53 | -29.53 | -22.99 | -17.14 | -16.88 | -7.40 | -1.85 | -4.64 |
| GENESE | 13.54 | 6.97 | 2.18 | 1.22 | 0.41 | 0.05 | 17.67 | 13.58 | 13.13 | 14.54 | 15.21 | 6.46 | 0.17 | 0.38 | 2.35 | 2.15 | 2.12 | 3.90 | 7.51 | 9.92 | 8.99 | 10.94 | 3.16 | 2.89 |
| 61753 | -0.12 | -0.08 | -0.02 | 0.02 | 0.03 | 0.00 | -0.06 | -0.25 | -0.28 | -0.32 | -0.37 | -0.10 | 0.04 | 0.03 | 0.02 | 0.02 | 0.00 | 0.00 | -0.12 | -0.17 | -0.15 | -0.21 | -0.05 | -0.04 |
| | 0.00 | -2.70 | -0.72 | -2.60 | -3.20 | -1.18 | -0.28 | -0.39 | -0.37 | 0.00 | -0.49 | -1.96 | -3.84 | -3.80 | -3.62 | -3.31 | -2.23 | -3.76 | -2.93 | -2.18 | -2.15 | -0.94 | -0.23 | -0.59 |
| H Q | 13.14 | 4.19 | 1.42 | -1.36 | -2.73 | -1.10 | 16.82 | 12.96 | 12.59 | 14.31 | 14.55 | 4.42 | -3.57 | -3.31 | -1.24 | -1.13 | -0.11 | 0.14 | 4.53 | 7.60 | 6.72 | 9.83 | 2.86 | 2.26 |
| 61844 | -0.52 | -0.16 | -0.05 | 0.04 | 0.10 | 0.04 | -0.63 | -0.48 | -0.46 | -0.55 | -0.54 | -0.18 | 0.14 | 0.14 | 0.06 | 0.05 | 0.01 | -0.01 | -0.18 | -0.30 | -0.26 | -0.39 | -0.11 | -0.08 |
| | 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 |
| HUD VL | 14.98 | 26.09 | 7.29 | 18.94 | 22.19 | 8.10 | 21.39 | 17.85 | 17.25 | 16.43 | 20.53 | 20.61 | 26.27 | 26.25 | 27.21 | 24.86 | 17.49 | 29.82 | 28.31 | 25.96 | 24.67 | 18.74 | 5.14 | 7.24 |
| 61758 | 1.32 | 0.44 | 0.15 | -0.13 | -0.27 | -0.11 | 1.71 | 1.30 | 1.28 | 1.54 | 1.58 | 0.49 | -0.39 | -0.37 | -0.14 | -0.13 | -0.01 | 0.02 | 0.51 | 0.84 | 0.74 | 1.11 | 0.32 | 0.24 |
| | 0.00 | -21.30 | -5.66 | -20.47 | -25.28 | -9.35 | -2.23 | -3.11 | -2.92 | -0.03 | -3.86 | -15.53 | -30.37 | -30.06 | -28.65 | -26.17 | -17.61 | -29.66 | -23.09 | -17.21 | -16.94 | -7.42 | -1.85 | -4.66 |
| LONGIL | 35.12 | 26.19 | 7.33 | 20.45 | 23.64 | 20.31 | 25.10 | 22.13 | 17.71 | 19.73 | 32.01 | 43.54 | 33.02 | 31.12 | 35.28 | 44.76 | 26.13 | 35.75 | 40.33 | 43.34 | 65.56 | 45.42 | 22.28 | 8.27 |
| 61762 | 1.82 | 0.59 | 0.20 | -0.18 | -0.36 | -0.15 | 2.32 | 1.79 | 1.75 | 2.06 | 2.04 | 0.63 | -0.49 | -0.46 | -0.18 | -0.16 | -0.02 | 0.02 | 0.62 | 1.05 | 0.96 | 1.43 | 0.43 | 0.32 |
| | -19.64 | -21.24 | -5.64 | -22.04 | -26.83 | -21.60 | -5.32 | -6.91 | -2.91 | -2.82 | -14.88 | -38.31 | -37.23 | -35.03 | -36.76 | -46.10 | -26.26 | -35.59 | -35.00 | -34.39 | -57.61 | -33.78 | -18.88 | -5.60 |
| MHK VL | 14.04 | 8.39 | 2.56 | 2.40 | 1.91 | 0.61 | 18.32 | 14.37 | 13.97 | 15.30 | 16.23 | 7.56 | 1.67 | 1.86 | 3.83 | 3.54 | 3.09 | 5.52 | 9.03 | 11.22 | 10.19 | 11.83 | 3.38 | 3.25 |
| 61756 | 0.38 | 0.10 | 0.03 | -0.03 | -0.06 | -0.03 | 0.45 | 0.35 | 0.37 | 0.44 | 0.43 | 0.13 | -0.10 | -0.09 | -0.04 | -0.03 | 0.00 | 0.00 | 0.14 | 0.24 | 0.20 | 0.30 | 0.08 | 0.06 |
| | 0.00 | -3.93 | -1.05 | -3.83 | -4.80 | -1.78 | -0.42 | -0.58 | -0.54 | 0.00 | -0.71 | -2.83 | -5.49 | -5.41 | -5.16 | -4.75 | -3.20 | -5.37 | -4.18 | -3.07 | -3.00 | -1.32 | -0.33 | -0.84 |
| MILLWD | 15.05 | 26.22 | 7.32 | 19.01 | 22.28 | 8.13 | 21.49 | 17.92 | 17.33 | 16.52 | 20.63 | 20.71 | 26.40 | 26.38 | 27.35 | 24.99 | 17.57 | 29.97 | 28.44 | 26.09 | 24.80 | 18.84 | 5.17 | 7.28 |
| 61759 | 1.39 | 0.46 | 0.15 | -0.14 | -0.28 | -0.12 | 1.80 | 1.37 | 1.35 | 1.63 | 1.66 | 0.51 | -0.41 | -0.38 | -0.15 | -0.13 | -0.01 | 0.02 | 0.53 | 0.88 | 0.78 | 1.16 | 0.34 | 0.25 |
| | 0.00 | -21.40 | -5.69 | -20.56 | -25.38 | -9.39 | -2.23 | -3.12 | -2.93 | -0.03 | -3.87 | -15.60 | -30.52 | -30.22 | -28.80 | -26.30 | -17.70 | -29.81 | -23.20 | -17.30 | -17.04 | -7.46 | -1.86 | -4.68 |
| N.Y.C. | 15.18 | 26.10 | 7.29 | 18.85 | 22.07 | 8.05 | 21.59 | 17.98 | 17.40 | 16.62 | 20.69 | 20.61 | 26.11 | 26.09 | 27.09 | 24.75 | 17.42 | 29.71 | 28.28 | 49.07 | 24.71 | 18.87 | 5.18 | 7.26 |
| 61761 | 1.51 | 0.51 | 0.17 | -0.15 | -0.29 | -0.13 | 1.92 | 1.45 | 1.44 | 1.74 | 1.76 | 0.55 | -0.43 | -0.40 | -0.17 | -0.14 | -0.01 | 0.02 | 0.56 | 0.93 | 0.83 | 1.25 | 0.36 | 0.27 |
| | 0.00 | -21.24 | -5.64 | -20.40 | -25.19 | -9.32 | -2.22 | -3.09 | -2.91 | -0.03 | -3.84 | -15.46 | -30.25 | -29.95 | -28.54 | -26.07 | -17.55 | -29.56 | -23.01 | -40.23 | -16.90 | -7.40 | -1.85 | -4.65 |
| NORTH | 13.02 | 4.12 | 1.41 | -1.35 | -2.72 | -1.09 | 16.48 | 12.74 | 12.40 | 14.10 | 14.39 | 4.35 | -3.50 | -3.23 | -1.20 | -1.10 | -0.10 | 0.13 | 4.46 | 7.47 | 6.60 | 9.64 | 2.79 | 2.23 |
| 61755 | -0.64 | -0.23 | -0.07 | 0.06 | 0.11 | 0.06 | -0.97 | -0.70 | -0.65 | -0.76 | -0.70 | -0.25 | 0.22 | 0.22 | 0.09 | 0.07 | 0.01 | -0.01 | -0.25 | -0.44 | -0.39 | -0.57 | -0.18 | -0.12 |
| | 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 | 13.25 | 32.60 | 8.63 | 25.40 | 30.61 | 10.55 | 22.11 | 21.79 | 17.50 | 15.71 | 21.46 | 26.73 | 37.07 | 36.10 | 37.64 | 34.03 | 22.72 | 39.51 | 35.36 | 34.11 | 32.36 | 20.69 | 5.26 | 11.46 |
| 61845 | 0.76 | 0.26 | 0.08 | -0.08 | -0.16 | -0.06 | 1.00 | 0.91 | 0.82 | 0.94 | 0.99 | 0.30 | -0.26 | -0.24 | -0.09 | -0.09 | -0.01 | 0.01 | 0.33 | 0.57 | 0.49 | 0.72 | 0.21 | 0.17 |
| | 1.18 | -27.99 | -7.08 | -26.89 | -33.61 | -11.75 | -3.66 | -7.45 | -3.63 | 0.09 | -5.38 | -21.83 | -41.04 | -39.80 | -39.03 | -35.30 | -22.84 | -39.36 | -30.32 | -25.64 | -24.89 | -9.75 | -2.08 | -8.94 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|--------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| OH 61846 | 13.24 | 7.86 | 2.42 | 2.18 | 1.60 | 0.49 | 17.44 | 13.37 | 12.87 | 14.10 | 14.91 | 7.04 | 1.66 | 1.85 | 3.70 | 3.39 | 2.93 | 5.25 | 8.38 | 10.42 | 9.53 | 10.98 | 3.17 | 3.05 |
| | -0.42 | -0.17 | -0.04 | 0.05 | 0.07 | 0.02 | -0.40 | -0.60 | -0.68 | -0.76 | -0.84 | -0.23 | 0.15 | 0.11 | 0.05 | 0.06 | 0.01 | -0.01 | -0.31 | -0.45 | -0.38 | -0.52 | -0.12 | -0.09 |
| | 0.00 | -3.67 | -0.98 | -3.53 | -4.36 | -1.61 | -0.38 | -0.54 | -0.50 | 0.00 | -0.67 | -2.67 | -5.24 | -5.18 | -4.94 | -4.51 | -3.04 | -5.11 | -3.98 | -2.97 | -2.92 | -1.28 | -0.32 | -0.80 |
| PJM 61847 | 14.28 | 16.97 | 4.85 | 10.47 | 11.78 | 4.25 | 19.61 | 15.79 | 15.25 | 15.51 | 17.95 | 13.85 | 13.80 | 13.89 | 15.32 | 14.01 | 10.14 | 17.43 | 18.34 | 18.27 | 17.16 | 15.02 | 4.20 | 5.17 |
| | 0.62 | 0.20 | 0.07 | -0.06 | -0.13 | -0.05 | 0.86 | 0.54 | 0.50 | 0.63 | 0.62 | 0.21 | -0.17 | -0.17 | -0.07 | -0.05 | 0.00 | 0.01 | 0.18 | 0.33 | 0.30 | 0.48 | 0.15 | 0.11 |
| | 0.00 | -12.42 | -3.30 | -11.93 | -14.73 | -5.45 | -1.30 | -1.81 | -1.70 | -0.02 | -2.25 | -9.04 | -17.69 | -17.51 | -16.68 | -15.24 | -10.26 | -17.28 | -13.45 | -10.03 | -9.88 | -4.33 | -1.08 | -2.72 |
| WEST 61752 | 13.41 | 7.76 | 2.40 | 2.02 | 1.40 | 0.42 | 17.63 | 13.46 | 12.94 | 14.22 | 15.04 | 6.99 | 1.42 | 1.60 | 3.49 | 3.20 | 2.82 | 5.05 | 8.28 | 10.41 | 9.51 | 11.04 | 3.19 | 3.05 |
| | -0.25 | -0.13 | -0.02 | 0.04 | 0.04 | 0.01 | -0.20 | -0.49 | -0.59 | -0.64 | -0.69 | -0.19 | 0.10 | 0.06 | 0.03 | 0.04 | 0.00 | -0.01 | -0.26 | -0.36 | -0.29 | -0.40 | -0.09 | -0.07 |
| | 0.00 | -3.53 | -0.94 | -3.39 | -4.19 | -1.55 | -0.37 | -0.51 | -0.48 | 0.00 | -0.64 | -2.58 | -5.04 | -4.99 | -4.75 | -4.34 | -2.92 | -4.92 | -3.83 | -2.86 | -2.81 | -1.23 | -0.31 | -0.77 |