

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

11/13/2019

| 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 | 98.31 | 101.03 | 82.72 | 89.43 | 78.71 | 67.68 | 53.30 | 76.26 | 67.18 | 74.40 | 54.67 | 47.51 | 43.98 | 42.46 | 43.32 | 68.82 | 42.01 | 62.36 | 138.70 | 87.84 | 74.69 | 40.25 | 49.46 | 50.79 |
| 61757 | -0.68 | -0.70 | -0.59 | -0.63 | -0.45 | 2.27 | 3.81 | 6.04 | 4.85 | 2.79 | 2.61 | 2.24 | 3.23 | 2.31 | 2.73 | 2.08 | 3.22 | 4.54 | 8.41 | 2.45 | 0.96 | 2.56 | 2.15 | 1.77 |
| | -108.96 | -112.09 | -91.88 | -99.22 | -85.20 | -38.49 | -5.43 | 0.00 | -7.10 | -39.07 | -21.25 | -20.33 | -3.87 | -13.95 | -8.70 | -43.26 | -0.32 | -5.33 | -33.56 | -58.34 | -59.94 | -2.53 | -17.25 | -23.52 |
| CENTRL | 1.71 | 1.64 | 1.24 | 1.46 | 3.12 | 32.03 | 46.34 | 73.33 | 58.25 | 38.11 | 34.33 | 28.12 | 38.75 | 28.68 | 33.94 | 29.02 | 39.55 | 54.44 | 104.47 | 34.47 | 20.44 | 35.64 | 32.28 | 28.56 |
| 61754 | -0.31 | -0.33 | -0.27 | -0.28 | -0.19 | 0.89 | 1.67 | 3.12 | 2.26 | 1.35 | 1.23 | 0.96 | 1.44 | 0.94 | 1.09 | 0.78 | 1.04 | 1.36 | 3.14 | 0.57 | 0.10 | 0.15 | 0.02 | 0.06 |
| | -11.99 | -12.34 | -10.09 | -10.90 | -9.36 | -4.23 | -0.60 | 0.00 | -0.76 | -4.22 | -2.28 | -2.22 | -0.43 | -1.54 | -0.96 | -4.77 | -0.04 | -0.58 | -4.60 | -6.84 | -6.55 | -0.32 | -2.20 | -3.00 |
| DUNWOD | 62.58 | 64.31 | 52.61 | 56.92 | 50.79 | 55.61 | 52.83 | 78.29 | 66.64 | 62.49 | 48.63 | 41.55 | 44.02 | 38.80 | 41.65 | 55.43 | 43.13 | 62.05 | 130.21 | 69.42 | 55.41 | 40.46 | 45.59 | 45.12 |
| 61760 | -0.85 | -0.80 | -0.67 | -0.74 | -0.53 | 2.80 | 5.11 | 8.07 | 6.72 | 4.12 | 3.86 | 3.04 | 4.52 | 3.20 | 3.91 | 2.85 | 4.45 | 5.97 | 10.91 | 3.15 | 1.34 | 3.46 | 3.05 | 2.62 |
| | -73.39 | -75.48 | -61.86 | -66.82 | -57.36 | -25.89 | -3.65 | 0.00 | -4.69 | -25.83 | -13.95 | -13.58 | -2.61 | -9.40 | -5.86 | -29.10 | -0.21 | -3.59 | -22.57 | -39.21 | -40.28 | -1.83 | -12.48 | -17.01 |
| GENESE | -1.60 | -1.80 | -1.56 | -1.54 | 0.54 | 30.67 | 45.39 | 67.03 | 52.98 | 32.01 | 29.22 | 26.18 | 34.44 | 26.00 | 29.17 | 25.46 | 38.94 | 53.41 | 93.75 | 30.54 | 18.25 | 34.47 | 30.84 | 27.09 |
| 61753 | -0.28 | -0.33 | -0.28 | -0.26 | -0.18 | 0.71 | 1.17 | 2.58 | 1.61 | 1.00 | 0.81 | 0.60 | 0.87 | 0.59 | 0.58 | 0.42 | 0.45 | 0.50 | 1.25 | -0.16 | -0.28 | -0.93 | -0.84 | -0.59 |
| | -8.65 | -8.90 | -7.29 | -7.88 | -6.76 | -3.05 | -0.16 | 5.77 | 3.86 | 1.54 | 2.41 | -0.65 | 3.31 | 0.80 | 3.29 | -1.57 | -0.03 | -0.42 | 4.23 | -3.64 | -4.75 | -0.24 | -1.61 | -2.19 |
| H Q | -9.67 | -10.08 | -8.32 | -8.90 | -5.85 | 26.07 | 42.56 | 67.68 | 53.10 | 26.75 | 27.99 | 23.96 | 25.08 | 19.89 | 30.76 | 18.08 | 29.75 | 51.06 | 91.08 | 26.36 | 13.40 | 34.17 | 29.85 | 24.78 |
| 61844 | 0.30 | 0.29 | 0.25 | 0.26 | 0.19 | -0.85 | -1.51 | -2.54 | -2.13 | -1.30 | -1.23 | -0.97 | -1.41 | -0.97 | -1.13 | -0.82 | -1.09 | -1.44 | -2.84 | -0.69 | -0.39 | -1.00 | -0.85 | -0.72 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.50 | 1.60 | 0.00 | 10.40 | 5.33 | 0.00 | 4.57 | 7.63 | 0.00 | 2.81 | 0.00 | 0.00 | 0.00 | -0.63 | 0.00 |
| HUD VL | 62.83 | 64.59 | 52.87 | 57.22 | 51.05 | 55.56 | 52.51 | 77.76 | 66.17 | 62.30 | 48.38 | 41.39 | 43.63 | 38.55 | 41.33 | 55.29 | 42.75 | 61.54 | 129.42 | 69.28 | 55.38 | 40.09 | 45.25 | 44.83 |
| 61758 | -0.80 | -0.77 | -0.65 | -0.70 | -0.50 | 2.64 | 4.78 | 7.54 | 6.22 | 3.74 | 3.51 | 2.78 | 4.12 | 2.91 | 3.56 | 2.61 | 4.06 | 5.46 | 10.05 | 2.91 | 1.20 | 3.09 | 2.71 | 2.32 |
| | -73.61 | -75.73 | -62.10 | -67.09 | -57.59 | -26.00 | -3.66 | 0.00 | -4.72 | -26.02 | -14.06 | -13.67 | -2.62 | -9.44 | -5.88 | -29.21 | -0.22 | -3.59 | -22.63 | -39.32 | -40.39 | -1.83 | -12.48 | -17.01 |
| LONGIL | 62.49 | 64.16 | 52.56 | 56.86 | 50.71 | 56.29 | 54.04 | 80.61 | 68.25 | 63.45 | 49.53 | 42.20 | 44.96 | 39.49 | 42.63 | 56.26 | 83.67 | 119.10 | 135.54 | 93.23 | 75.06 | 95.11 | 49.98 | 52.09 |
| 61762 | -1.00 | -1.01 | -0.78 | -0.86 | -0.65 | 3.46 | 6.32 | 10.39 | 8.32 | 5.05 | 4.75 | 3.68 | 5.46 | 3.88 | 4.89 | 3.64 | 5.81 | 7.85 | 14.05 | 4.10 | 1.79 | 4.63 | 4.14 | 3.58 |
| | -73.46 | -75.54 | -61.92 | -66.88 | -57.41 | -25.92 | -3.65 | 0.00 | -4.69 | -25.86 | -13.96 | -13.59 | -2.61 | -9.40 | -5.86 | -29.14 | -39.38 | -58.76 | -24.76 | -62.08 | -59.48 | -55.32 | -15.78 | -23.02 |
| MHK VL | 0.44 | 0.28 | 0.14 | 0.24 | 2.09 | 31.66 | 46.50 | 73.56 | 58.44 | 37.61 | 33.49 | 27.93 | 38.91 | 28.62 | 34.06 | 28.50 | 40.28 | 55.54 | 104.90 | 34.02 | 20.14 | 36.57 | 33.16 | 29.30 |
| 61756 | -0.31 | -0.31 | -0.25 | -0.27 | -0.19 | 1.00 | 1.92 | 3.34 | 2.56 | 1.51 | 1.41 | 1.13 | 1.67 | 1.14 | 1.37 | 1.01 | 1.78 | 2.54 | 4.94 | 1.31 | 0.48 | 1.07 | 0.82 | 0.64 |
| | -10.72 | -10.96 | -8.96 | -9.67 | -8.31 | -3.74 | -0.52 | 0.00 | -0.65 | -3.55 | -1.27 | -1.86 | -0.36 | -1.28 | -0.79 | -4.01 | -0.03 | -0.51 | -3.23 | -5.66 | -5.87 | -0.33 | -2.27 | -3.17 |
| MILLWD | 63.49 | 65.24 | 53.38 | 57.76 | 51.52 | 55.95 | 52.93 | 78.37 | 66.73 | 62.82 | 48.78 | 41.70 | 43.99 | 38.87 | 41.68 | 55.75 | 43.10 | 62.09 | 130.55 | 69.93 | 55.92 | 40.46 | 45.70 | 45.28 |
| 61759 | -0.85 | -0.81 | -0.68 | -0.74 | -0.53 | 2.82 | 5.17 | 8.15 | 6.74 | 4.09 | 3.82 | 3.01 | 4.47 | 3.16 | 3.86 | 2.81 | 4.41 | 5.96 | 10.96 | 3.16 | 1.34 | 3.44 | 3.01 | 2.57 |
| | -74.31 | -76.42 | -62.63 | -67.66 | -58.09 | -26.22 | -3.69 | 0.00 | -4.75 | -26.18 | -14.14 | -13.76 | -2.64 | -9.51 | -5.93 | -29.46 | -0.22 | -3.63 | -22.86 | -39.71 | -40.79 | -1.85 | -12.62 | -17.21 |
| N.Y.C. | 62.56 | 64.32 | 52.62 | 56.92 | 50.80 | 55.80 | 53.12 | 78.57 | 67.08 | 62.83 | 48.96 | 41.79 | 44.38 | 39.06 | 41.95 | 55.65 | 43.47 | 62.46 | 130.74 | 69.62 | 55.54 | 40.76 | 45.89 | 45.38 |
| 61761 | -0.90 | -0.83 | -0.71 | -0.79 | -0.55 | 2.98 | 5.40 | 8.35 | 7.15 | 4.44 | 4.19 | 3.27 | 4.89 | 3.46 | 4.20 | 3.05 | 4.78 | 6.39 | 11.42 | 3.33 | 1.46 | 3.76 | 3.34 | 2.86 |
| | -73.44 | -75.52 | -61.90 | -66.86 | -57.40 | -25.91 | -3.65 | 0.00 | -4.69 | -25.85 | -13.96 | -13.59 | -2.61 | -9.40 | -5.86 | -29.12 | -0.21 | -3.59 | -22.59 | -39.24 | -40.30 | -1.83 | -12.48 | -17.02 |
| NORTH | -11.89 | -12.39 | -10.17 | -10.93 | -7.54 | 25.22 | 42.35 | 67.57 | 52.68 | 30.31 | 24.06 | 23.44 | 35.28 | 24.87 | 30.63 | 21.84 | 37.81 | 51.60 | 94.42 | 25.59 | 12.31 | 34.43 | 29.42 | 24.92 |
| 61755 | 0.29 | 0.26 | 0.26 | 0.25 | 0.22 | -0.91 | -1.61 | -2.65 | -2.42 | -1.48 | -1.40 | -1.09 | -1.53 | -1.05 | -1.08 | -0.76 | -0.66 | -0.78 | -1.64 | -0.29 | -0.27 | -0.74 | -0.65 | -0.57 |
| | 2.21 | 2.27 | 1.86 | 2.01 | 1.73 | 0.78 | 0.11 | 0.00 | 0.14 | 0.76 | 5.35 | 0.40 | 0.08 | 0.28 | 0.18 | 0.87 | 0.01 | 0.11 | 0.68 | 1.18 | 1.21 | 0.00 | 0.00 | 0.00 |
| NPX | 75.79 | 84.65 | 64.98 | 70.28 | 62.24 | 60.36 | 52.65 | 77.02 | 67.03 | 64.79 | 50.18 | 43.79 | 43.73 | 40.14 | 42.14 | 60.75 | 42.30 | 61.72 | 130.03 | 76.95 | 63.14 | 54.05 | 47.88 | 47.74 |
| 61845 | -0.72 | -0.72 | -0.61 | -0.66 | -0.47 | 2.40 | 4.21 | 6.71 | 5.60 | 3.31 | 3.08 | 2.55 | 3.72 | 2.67 | 3.24 | 2.38 | 3.57 | 4.93 | 9.05 | 2.67 | 1.06 | 2.86 | 2.48 | 2.13 |
| | -86.47 | -95.73 | -74.16 | -80.10 | -68.76 | -31.04 | -4.37 | -0.09 | -6.19 | -28.94 | -16.28 | -16.30 | -3.13 | -11.26 | -7.02 | -34.89 | -0.26 | -4.30 | -24.25 | -47.23 | -48.28 | -16.03 | -15.34 | -20.11 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|-------|--------|--------|-------|-------|--------|--------|--------|-------|-------|--------|
| OH | 1.61 | 1.87 | 1.45 | 1.72 | 3.34 | 31.35 | 44.83 | 75.77 | 56.42 | 37.28 | 32.50 | 27.13 | 37.34 | 27.69 | 32.64 | 28.07 | 37.60 | 51.37 | 92.64 | 29.22 | 19.33 | 32.56 | 29.78 | 46.03 |
| 61846 | -0.12 | -0.21 | -0.19 | -0.14 | -0.09 | 0.15 | 0.16 | 1.59 | 0.41 | 0.28 | 0.06 | -0.05 | 0.02 | -0.06 | -0.21 | -0.20 | -0.90 | -1.71 | -2.08 | -1.51 | -1.11 | -2.93 | -2.48 | -1.76 |
| | -11.70 | -12.45 | -10.21 | -11.03 | -9.47 | -4.27 | -0.60 | -3.96 | -0.77 | -4.47 | -1.63 | -2.24 | -0.43 | -1.55 | -0.97 | -4.80 | -0.04 | -0.59 | 2.01 | -3.67 | -6.65 | -0.32 | -2.21 | -22.29 |
| PJM | 34.57 | 35.44 | 28.96 | 31.40 | 28.85 | 44.40 | 49.60 | 80.71 | 65.98 | 41.69 | 44.95 | 35.80 | 44.30 | 35.39 | 41.16 | 44.52 | 40.56 | 57.06 | 125.00 | 54.15 | 38.77 | 37.00 | 39.01 | 36.73 |
| 61847 | -0.50 | -0.50 | -0.43 | -0.45 | -0.32 | 1.59 | 3.03 | 5.30 | 3.94 | 2.41 | 2.17 | 1.67 | 2.56 | 1.71 | 2.09 | 1.47 | 1.95 | 2.37 | 5.44 | 1.15 | 0.27 | 0.70 | 0.58 | 0.69 |
| | -45.04 | -46.32 | -37.96 | -41.01 | -35.21 | -15.89 | -2.50 | -5.18 | -6.81 | -6.74 | -11.97 | -9.18 | -4.85 | -7.48 | -7.19 | -19.58 | -0.13 | -2.20 | -22.83 | -25.94 | -24.71 | -1.13 | -8.36 | -10.54 |
| WEST | 1.72 | 1.56 | 1.19 | 1.47 | 3.14 | 32.08 | 47.00 | 90.44 | 71.44 | 52.02 | 45.90 | 30.70 | 49.04 | 34.11 | 45.13 | 33.97 | 38.68 | 52.86 | 152.65 | 41.49 | 19.65 | 33.34 | 30.38 | 27.23 |
| 61752 | -0.38 | -0.48 | -0.41 | -0.36 | -0.25 | 0.91 | 1.51 | 3.86 | 2.20 | 1.34 | 1.07 | 0.77 | 1.21 | 0.77 | 0.78 | 0.48 | 0.17 | -0.22 | 0.98 | -0.75 | -0.78 | -2.15 | -1.89 | -1.26 |
| | -12.07 | -12.42 | -10.18 | -11.00 | -9.43 | -4.26 | -1.42 | -16.36 | -14.01 | -18.14 | -14.02 | -4.99 | -10.95 | -7.14 | -12.46 | -10.01 | -0.04 | -0.59 | -54.94 | -15.18 | -6.64 | -0.32 | -2.20 | -2.99 |