

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

12/30/2019

| 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 | 20.01 | 19.11 | 14.75 | 13.19 | 14.19 | 23.02 | 20.89 | 20.37 | 18.63 | 19.90 | 21.26 | 21.47 | 20.71 | 20.68 | 20.74 | 30.36 | 51.04 | 112.33 | 37.13 | 26.59 | 19.13 | 17.35 | 19.62 | 21.00 |
| 61757 | 0.98 | 0.88 | 0.68 | 0.63 | 0.60 | 0.02 | 1.12 | 1.20 | 1.11 | 1.20 | 1.34 | 1.40 | 1.20 | 1.34 | 1.29 | 1.80 | 3.16 | 7.26 | 2.39 | 1.70 | 1.15 | 0.98 | 1.08 | 1.04 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -2.01 | -22.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CENTRL | 19.08 | 18.24 | 14.05 | 12.56 | 11.83 | 3.22 | 19.82 | 19.29 | 17.71 | 18.82 | 20.61 | 20.95 | 17.82 | 20.23 | 19.48 | 28.65 | 48.25 | 106.59 | 35.32 | 25.14 | 18.18 | 16.57 | 18.68 | 20.01 |
| 61754 | 0.04 | 0.01 | -0.02 | 0.00 | 0.00 | 0.00 | 0.04 | 0.13 | 0.19 | 0.12 | 0.21 | 0.19 | 0.13 | 0.15 | 0.03 | 0.09 | 0.38 | 1.39 | 0.46 | 0.25 | 0.20 | 0.21 | 0.14 | 0.05 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | -2.83 | 0.00 | 0.00 | 0.00 | 0.00 | -0.49 | -0.70 | -0.74 | -0.75 | 0.00 | 0.00 | 0.00 | -0.11 | -0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DUNWOD | 20.30 | 19.38 | 14.95 | 13.34 | 13.80 | 17.09 | 21.06 | 20.62 | 19.08 | 20.39 | 21.72 | 21.92 | 20.47 | 21.12 | 21.27 | 31.03 | 52.06 | 114.53 | 38.01 | 27.16 | 19.62 | 17.87 | 20.09 | 21.48 |
| 61760 | 1.27 | 1.15 | 0.88 | 0.78 | 0.74 | 0.02 | 1.30 | 1.45 | 1.57 | 1.69 | 1.80 | 1.86 | 1.63 | 1.79 | 1.83 | 2.47 | 4.19 | 9.45 | 3.26 | 2.26 | 1.64 | 1.51 | 1.55 | 1.52 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -1.49 | -16.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GENESE | 18.52 | 17.71 | 13.63 | 12.20 | 11.42 | 2.48 | 19.20 | 18.71 | 17.25 | 18.25 | 19.73 | 19.57 | 16.71 | 18.58 | 15.56 | 25.13 | 43.99 | 102.29 | 33.94 | 24.34 | 17.63 | 16.08 | 18.08 | 19.27 |
| 61753 | -0.51 | -0.53 | -0.44 | -0.36 | -0.35 | -0.02 | -0.57 | -0.45 | -0.27 | -0.45 | -0.40 | -0.49 | -0.49 | -0.55 | -0.76 | -0.99 | -1.19 | -1.98 | -0.61 | -0.55 | -0.35 | -0.28 | -0.46 | -0.69 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -0.19 | -2.10 | 0.00 | 0.00 | 0.00 | 0.00 | -0.22 | 0.00 | -0.24 | 0.20 | 3.14 | 2.44 | 2.69 | 0.80 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| H Q | 18.75 | 18.00 | 13.91 | 12.41 | 11.43 | 0.39 | 19.52 | 18.86 | 17.20 | 18.39 | 19.54 | 19.67 | 16.61 | 18.97 | 19.14 | 28.21 | 50.62 | 96.09 | 34.00 | 24.44 | 17.66 | 16.02 | 18.22 | 19.97 |
| 61844 | -0.28 | -0.23 | -0.16 | -0.15 | -0.15 | 0.00 | -0.25 | -0.30 | -0.32 | -0.31 | -0.38 | -0.39 | -0.34 | -0.36 | -0.31 | -0.38 | -0.80 | -2.27 | -0.75 | -0.45 | -0.32 | -0.34 | -0.32 | -0.28 |
| | 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 | -0.03 | -3.55 | 6.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.28 |
| HUD VL | 20.20 | 19.29 | 14.88 | 13.28 | 13.74 | 17.02 | 20.98 | 20.49 | 18.94 | 20.23 | 21.54 | 21.74 | 20.28 | 20.92 | 21.05 | 30.74 | 51.61 | 113.69 | 37.69 | 26.93 | 19.45 | 17.71 | 19.94 | 21.33 |
| 61758 | 1.17 | 1.06 | 0.80 | 0.72 | 0.69 | 0.02 | 1.21 | 1.33 | 1.42 | 1.53 | 1.62 | 1.68 | 1.45 | 1.58 | 1.60 | 2.18 | 3.74 | 8.61 | 2.95 | 2.04 | 1.47 | 1.35 | 1.40 | 1.36 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -1.48 | -16.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LONGIL | 22.70 | 21.94 | 15.46 | 13.66 | 14.09 | 17.10 | 21.50 | 21.09 | 19.59 | 21.05 | 31.11 | 33.89 | 31.10 | 28.72 | 34.81 | 42.27 | 61.87 | 118.21 | 40.11 | 34.58 | 35.47 | 18.41 | 20.70 | 22.23 |
| 61762 | 1.90 | 1.89 | 1.39 | 1.10 | 1.02 | 0.03 | 1.73 | 1.93 | 2.07 | 2.35 | 2.48 | 2.54 | 2.19 | 2.43 | 2.44 | 3.40 | 5.52 | 12.22 | 4.40 | 3.10 | 2.27 | 2.04 | 2.16 | 2.15 |
| | -1.77 | -1.81 | 0.00 | 0.00 | -1.49 | -16.68 | 0.00 | 0.00 | 0.00 | 0.00 | -8.72 | -11.30 | -11.95 | -6.95 | -12.92 | -10.32 | -8.48 | -0.92 | -0.97 | -6.59 | -15.22 | -0.01 | 0.00 | -0.12 |
| MHK VL | 19.41 | 18.59 | 14.34 | 12.80 | 12.07 | 3.44 | 20.23 | 19.67 | 18.03 | 19.24 | 20.52 | 20.70 | 17.80 | 19.92 | 19.96 | 29.35 | 49.24 | 108.29 | 35.72 | 25.60 | 18.48 | 16.81 | 18.99 | 20.40 |
| 61756 | 0.37 | 0.36 | 0.26 | 0.23 | 0.21 | 0.01 | 0.46 | 0.51 | 0.50 | 0.54 | 0.60 | 0.64 | 0.52 | 0.58 | 0.52 | 0.79 | 1.36 | 3.22 | 0.97 | 0.71 | 0.50 | 0.45 | 0.45 | 0.43 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -0.27 | -3.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MILLWD | 20.25 | 19.33 | 14.91 | 13.30 | 13.79 | 17.32 | 21.02 | 20.56 | 19.02 | 20.32 | 21.65 | 21.85 | 20.42 | 21.04 | 21.18 | 30.92 | 51.90 | 114.25 | 37.90 | 27.08 | 19.57 | 17.82 | 20.03 | 21.41 |
| 61759 | 1.22 | 1.10 | 0.84 | 0.74 | 0.71 | 0.02 | 1.25 | 1.39 | 1.50 | 1.62 | 1.73 | 1.79 | 1.55 | 1.71 | 1.73 | 2.36 | 4.03 | 9.18 | 3.16 | 2.19 | 1.59 | 1.46 | 1.49 | 1.45 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -1.51 | -16.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| N.Y.C. | 20.39 | 19.47 | 15.02 | 13.40 | 13.86 | 17.09 | 21.17 | 20.74 | 19.23 | 20.55 | 21.86 | 22.09 | 20.63 | 21.30 | 21.47 | 31.29 | 52.49 | 115.28 | 38.28 | 27.37 | 19.79 | 18.03 | 20.24 | 21.63 |
| 61761 | 1.36 | 1.24 | 0.95 | 0.84 | 0.80 | 0.02 | 1.40 | 1.58 | 1.71 | 1.84 | 1.94 | 2.03 | 1.78 | 1.97 | 2.03 | 2.73 | 4.62 | 10.20 | 3.54 | 2.48 | 1.81 | 1.67 | 1.70 | 1.66 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -1.49 | -16.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NORTH | 18.86 | 18.12 | 14.00 | 12.49 | 11.50 | 0.39 | 19.61 | 18.97 | 17.33 | 18.60 | 19.75 | 19.86 | 16.74 | 19.09 | 19.19 | 28.36 | 47.50 | 103.73 | 34.27 | 24.81 | 17.90 | 16.20 | 18.41 | 19.92 |
| 61755 | -0.17 | -0.11 | -0.07 | -0.07 | -0.08 | 0.00 | -0.16 | -0.19 | -0.19 | -0.10 | -0.17 | -0.20 | -0.22 | -0.24 | -0.26 | -0.20 | -0.37 | -1.35 | -0.47 | -0.08 | -0.08 | -0.16 | -0.13 | -0.05 |
| | 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 | 20.18 | 19.46 | 14.89 | 15.45 | 15.34 | 20.00 | 21.43 | 21.10 | 20.76 | 21.52 | 24.35 | 26.86 | 28.83 | 30.83 | 30.60 | 40.55 | 59.70 | 111.40 | 38.22 | 28.31 | 21.53 | 18.07 | 19.61 | 21.48 |
| 61845 | 1.14 | 1.06 | 0.82 | 0.74 | 0.69 | 0.02 | 1.15 | 1.24 | 1.24 | 1.33 | 1.43 | 1.46 | 1.28 | 1.41 | 1.40 | 1.93 | 3.28 | 7.46 | 2.50 | 1.76 | 1.26 | 1.17 | 1.25 | 1.24 |
| | 0.00 | -0.17 | 0.00 | -2.15 | -3.07 | -19.59 | -0.51 | -0.69 | -2.01 | -1.49 | -3.01 | -5.33 | -10.59 | -10.10 | -9.74 | -10.06 | -8.55 | 1.13 | -0.97 | -1.65 | -2.29 | -0.54 | 0.17 | -0.28 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|
| O H 61846 | 17.89 | 17.12 | 13.18 | 11.82 | 11.09 | 3.06 | 18.37 | 17.94 | 16.62 | 17.48 | 3.04 | 16.04 | 14.42 | 15.03 | 17.74 | 26.21 | 44.42 | 97.44 | 32.04 | 23.20 | 16.90 | 15.49 | 17.43 | 32.15 |
| | -1.14 | -1.11 | -0.89 | -0.74 | -0.73 | -0.04 | -1.40 | -1.22 | -0.90 | -1.23 | -1.20 | -1.35 | -1.25 | -1.39 | -1.71 | -2.35 | -3.46 | -7.13 | -2.19 | -1.70 | -1.09 | -0.87 | -1.11 | -1.50 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -0.24 | -2.70 | 0.00 | 0.00 | 0.00 | 0.00 | 15.68 | 2.67 | 1.29 | 2.90 | 0.00 | 0.00 | 0.00 | 0.52 | 0.51 | 0.00 | -0.01 | 0.00 | 0.00 | -13.69 |
| PJM 61847 | 19.26 | 18.40 | 14.18 | 12.68 | 12.61 | 10.65 | 19.94 | 19.53 | 18.08 | 19.28 | 29.58 | 28.95 | 23.77 | 29.00 | 36.74 | 42.96 | 66.19 | 102.01 | 36.16 | 25.48 | 18.48 | 16.88 | 19.00 | 20.51 |
| | 0.23 | 0.17 | 0.11 | 0.12 | 0.12 | 0.00 | 0.17 | 0.36 | 0.56 | 0.49 | 0.58 | 0.54 | 0.42 | 0.45 | 0.33 | 0.43 | 0.90 | 2.50 | 0.97 | 0.58 | 0.49 | 0.52 | 0.46 | 0.27 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -0.91 | -10.26 | 0.00 | 0.00 | 0.00 | -0.09 | -9.08 | -8.34 | -6.39 | -9.22 | -16.96 | -13.97 | -17.41 | 5.56 | -0.44 | 0.00 | 0.00 | 0.00 | 0.00 | -0.28 |
| WEST 61752 | 18.23 | 17.45 | 13.41 | 12.01 | 11.27 | 3.08 | 18.69 | 18.29 | 16.97 | 18.19 | 58.36 | 57.06 | 39.98 | 62.85 | 96.13 | 96.83 | 99.73 | 106.44 | 35.98 | 23.85 | 17.36 | 15.90 | 17.87 | 18.87 |
| | -0.80 | -0.78 | -0.66 | -0.55 | -0.56 | -0.03 | -1.08 | -0.88 | -0.56 | -0.86 | -0.72 | -0.83 | -0.83 | -0.93 | -1.28 | -1.69 | -2.27 | -4.43 | -1.26 | -1.05 | -0.62 | -0.46 | -0.67 | -1.10 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -0.24 | -2.72 | 0.00 | 0.00 | -0.01 | -0.35 | -39.16 | -37.83 | -23.85 | -44.44 | -77.96 | -69.96 | -54.12 | -5.79 | -2.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |