

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

03/03/2019

| 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 | 33.12 | 32.41 | 30.01 | 29.23 | 27.92 | 27.07 | 28.77 | 20.45 | 22.49 | 23.69 | 23.23 | 21.74 | 20.44 | 21.94 | 24.28 | 27.05 | 33.24 | 36.34 | 39.49 | 41.37 | 39.11 | 36.09 | 34.98 | 39.07 |
| 61757 | 2.40 | 2.41 | 2.23 | 2.11 | 1.97 | 1.93 | 2.20 | 1.59 | 1.55 | 1.93 | 1.88 | 1.75 | 1.64 | 1.75 | 1.92 | 2.16 | 2.69 | 2.94 | 2.93 | 3.34 | 3.14 | 2.88 | 2.71 | 2.87 |
| | 0.00 | 0.00 | 0.00 | -0.78 | -1.34 | -1.96 | 0.00 | 0.00 | -3.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.08 | -0.05 | -0.79 | -4.25 | -1.21 | -1.05 | 0.00 | 0.00 | 0.00 |
| CENTRL | 31.15 | 30.47 | 28.24 | 26.81 | 25.11 | 23.72 | 27.01 | 19.22 | 18.57 | 22.17 | 21.76 | 20.39 | 19.15 | 20.55 | 22.67 | 25.15 | 30.84 | 32.99 | 33.15 | 37.37 | 35.42 | 33.65 | 32.73 | 36.87 |
| 61754 | 0.43 | 0.47 | 0.46 | 0.37 | 0.33 | 0.30 | 0.44 | 0.36 | 0.31 | 0.41 | 0.42 | 0.40 | 0.36 | 0.36 | 0.31 | 0.33 | 0.33 | 0.28 | 0.31 | 0.40 | 0.37 | 0.45 | 0.47 | 0.68 |
| | 0.00 | 0.00 | 0.00 | -0.10 | -0.17 | -0.24 | 0.00 | 0.00 | -0.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | -0.10 | -0.53 | -0.15 | -0.13 | 0.00 | 0.00 | 0.00 |
| DUNWOD | 33.09 | 32.18 | 29.84 | 28.84 | 27.38 | 26.39 | 28.65 | 20.54 | 21.72 | 23.83 | 23.33 | 21.81 | 20.48 | 22.08 | 24.49 | 27.20 | 33.39 | 36.15 | 38.31 | 41.09 | 39.00 | 36.25 | 35.13 | 39.07 |
| 61760 | 2.38 | 2.18 | 2.06 | 1.94 | 1.80 | 1.81 | 2.08 | 1.68 | 1.64 | 2.06 | 1.98 | 1.82 | 1.69 | 1.89 | 2.13 | 2.33 | 2.85 | 2.96 | 2.94 | 3.40 | 3.32 | 3.05 | 2.87 | 2.88 |
| | 0.00 | 0.00 | 0.00 | -0.57 | -0.97 | -1.41 | 0.00 | 0.00 | -2.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.06 | -0.04 | -0.57 | -3.06 | -0.87 | -0.76 | 0.00 | 0.00 | 0.00 |
| GENESE | 30.68 | 30.03 | 27.84 | 26.33 | 24.66 | 23.30 | 26.61 | 18.82 | 17.98 | 21.63 | 21.30 | 19.91 | 18.70 | 19.97 | 21.97 | 24.40 | 29.84 | 31.85 | 31.86 | 36.03 | 34.10 | 32.60 | 31.95 | 35.88 |
| 61753 | -0.04 | 0.04 | 0.06 | -0.08 | -0.08 | -0.06 | 0.04 | -0.04 | -0.17 | -0.14 | -0.05 | -0.09 | -0.10 | -0.22 | -0.39 | -0.41 | -0.66 | -0.83 | -0.84 | -0.90 | -0.92 | -0.60 | -0.32 | -0.31 |
| | 0.00 | 0.00 | 0.00 | -0.07 | -0.12 | -0.18 | 0.00 | 0.00 | -0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -0.07 | -0.39 | -0.11 | -0.10 | 0.00 | 0.00 | 0.00 |
| H Q | 29.84 | 29.06 | 26.88 | 25.53 | 23.86 | 22.48 | 25.07 | 22.47 | 17.28 | 21.05 | 20.64 | 19.33 | 18.18 | 19.53 | 21.69 | 24.08 | 29.62 | 31.72 | 31.43 | 35.80 | 33.95 | 32.30 | 31.36 | 38.21 |
| 61844 | -0.88 | -0.94 | -0.90 | -0.81 | -0.75 | -0.70 | -0.79 | -0.60 | -0.58 | -0.71 | -0.71 | -0.67 | -0.62 | -0.66 | -0.67 | -0.73 | -0.87 | -0.89 | -0.88 | -1.02 | -0.97 | -0.91 | -0.91 | -1.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 | -4.21 | 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 | -3.15 |
| HUD VL | 32.89 | 32.02 | 29.70 | 28.72 | 27.27 | 26.28 | 28.51 | 20.41 | 21.62 | 23.67 | 23.17 | 21.66 | 20.34 | 21.93 | 24.30 | 27.00 | 33.16 | 35.93 | 38.12 | 40.82 | 38.72 | 36.00 | 34.88 | 38.83 |
| 61758 | 2.17 | 2.02 | 1.92 | 1.81 | 1.68 | 1.68 | 1.95 | 1.55 | 1.52 | 1.91 | 1.83 | 1.67 | 1.55 | 1.74 | 1.94 | 2.13 | 2.63 | 2.75 | 2.74 | 3.13 | 3.04 | 2.79 | 2.61 | 2.64 |
| | 0.00 | 0.00 | 0.00 | -0.57 | -0.97 | -1.42 | 0.00 | 0.00 | -2.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.06 | -0.04 | -0.57 | -3.07 | -0.88 | -0.76 | 0.00 | 0.00 | 0.00 |
| LONGIL | 34.09 | 33.11 | 30.66 | 29.56 | 28.06 | 27.13 | 29.47 | 21.19 | 22.32 | 24.51 | 23.98 | 22.44 | 21.01 | 26.92 | 29.78 | 50.03 | 65.50 | 77.34 | 68.28 | 95.85 | 79.49 | 88.74 | 36.31 | 40.38 |
| 61762 | 3.37 | 3.11 | 2.88 | 2.65 | 2.47 | 2.54 | 2.90 | 2.33 | 2.24 | 2.75 | 2.63 | 2.45 | 2.21 | 2.66 | 3.00 | 3.28 | 4.03 | 4.30 | 4.27 | 4.91 | 4.71 | 4.37 | 4.04 | 4.19 |
| | 0.00 | 0.00 | 0.00 | -0.57 | -0.97 | -1.41 | 0.00 | 0.00 | -2.21 | 0.00 | 0.00 | 0.00 | 0.00 | -4.07 | -4.41 | -21.94 | -30.97 | -40.43 | -31.69 | -54.13 | -39.87 | -51.16 | 0.00 | 0.00 |
| MHK VL | 31.62 | 30.83 | 28.52 | 27.11 | 25.42 | 24.06 | 27.37 | 19.46 | 18.89 | 22.57 | 22.12 | 20.70 | 19.43 | 20.85 | 23.10 | 25.66 | 31.56 | 33.88 | 34.06 | 38.36 | 36.35 | 34.44 | 33.40 | 37.38 |
| 61756 | 0.91 | 0.84 | 0.74 | 0.67 | 0.63 | 0.62 | 0.80 | 0.60 | 0.62 | 0.80 | 0.77 | 0.70 | 0.64 | 0.66 | 0.73 | 0.84 | 1.05 | 1.16 | 1.21 | 1.39 | 1.30 | 1.23 | 1.13 | 1.19 |
| | 0.00 | 0.00 | 0.00 | -0.10 | -0.18 | -0.26 | 0.00 | 0.00 | -0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | -0.10 | -0.54 | -0.15 | -0.14 | 0.00 | 0.00 | 0.00 |
| MILLWD | 33.01 | 32.11 | 29.78 | 28.79 | 27.34 | 26.36 | 28.60 | 20.50 | 21.71 | 23.77 | 23.28 | 21.76 | 20.43 | 22.02 | 24.41 | 27.12 | 33.30 | 36.08 | 38.29 | 41.02 | 38.93 | 36.18 | 35.06 | 38.98 |
| 61759 | 2.30 | 2.12 | 2.00 | 1.88 | 1.75 | 1.75 | 2.03 | 1.64 | 1.60 | 2.01 | 1.93 | 1.77 | 1.63 | 1.83 | 2.05 | 2.25 | 2.76 | 2.89 | 2.88 | 3.32 | 3.24 | 2.97 | 2.79 | 2.79 |
| | 0.00 | 0.00 | 0.00 | -0.57 | -0.98 | -1.43 | 0.00 | 0.00 | -2.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.06 | -0.04 | -0.58 | -3.10 | -0.88 | -0.77 | 0.00 | 0.00 | 0.00 |
| N.Y.C. | 33.31 | 32.36 | 30.05 | 29.00 | 27.55 | 26.55 | 28.82 | 20.69 | 21.86 | 23.99 | 23.48 | 21.97 | 20.62 | 22.23 | 24.67 | 27.39 | 33.58 | 36.77 | 39.55 | 41.92 | 40.21 | 36.79 | 35.36 | 39.27 |
| 61761 | 2.60 | 2.36 | 2.27 | 2.10 | 1.97 | 1.96 | 2.25 | 1.83 | 1.78 | 2.23 | 2.13 | 1.97 | 1.83 | 2.04 | 2.30 | 2.52 | 3.05 | 3.14 | 3.08 | 3.59 | 3.52 | 3.26 | 3.09 | 3.08 |
| | 0.00 | 0.00 | 0.00 | -0.57 | -0.97 | -1.41 | 0.00 | 0.00 | -2.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.06 | -0.04 | -1.02 | -4.15 | -1.51 | -1.77 | -0.32 | 0.00 | 0.00 |
| NORTH | 29.95 | 29.06 | 26.84 | 25.48 | 23.83 | 22.48 | 25.85 | 18.24 | 17.24 | 21.02 | 20.56 | 19.26 | 18.14 | 19.51 | 21.74 | 24.15 | 29.78 | 31.97 | 31.66 | 36.04 | 34.20 | 32.55 | 31.56 | 35.14 |
| 61755 | -0.76 | -0.93 | -0.95 | -0.86 | -0.78 | -0.69 | -0.72 | -0.62 | -0.62 | -0.75 | -0.79 | -0.74 | -0.66 | -0.69 | -0.62 | -0.66 | -0.72 | -0.64 | -0.65 | -0.78 | -0.72 | -0.66 | -0.71 | -1.05 |
| | 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 | 55.36 | 59.56 | 66.15 | 54.99 | 42.66 | 41.96 | 50.07 | 63.47 | 47.89 | 38.26 | 37.29 | 36.16 | 35.66 | 35.71 | 36.07 | 35.68 | 46.86 | 63.06 | 51.59 | 87.43 | 79.61 | 71.83 | 68.58 | 69.71 |
| 61845 | 2.34 | 2.36 | 2.20 | 2.08 | 1.96 | 1.90 | 2.15 | 1.54 | 1.49 | 1.85 | 1.82 | 1.68 | 1.57 | 1.71 | 1.89 | 2.08 | 2.55 | 2.74 | 2.75 | 3.17 | 3.00 | 2.79 | 2.65 | 2.82 |
| | -22.30 | -27.21 | -36.17 | -26.57 | -16.09 | -16.88 | -21.36 | -43.07 | -28.52 | -14.65 | -14.13 | -14.48 | -15.29 | -13.81 | -11.83 | -8.79 | -13.81 | -27.71 | -16.53 | -47.44 | -41.69 | -35.83 | -33.66 | -30.70 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 30.11 | 29.52 | 27.38 | 25.89 | 36.89 | 22.93 | 24.27 | 19.98 | 17.63 | 21.13 | 20.80 | 19.43 | 18.25 | 19.49 | 21.38 | 23.70 | 28.81 | 30.56 | 30.58 | 34.70 | 32.93 | 31.72 | 31.29 | 35.30 |
| | -0.61 | -0.48 | -0.40 | -0.54 | -0.54 | -0.48 | -0.39 | -0.37 | -0.60 | -0.63 | -0.55 | -0.56 | -0.55 | -0.70 | -0.98 | -1.12 | -1.70 | -2.14 | -2.23 | -2.26 | -2.12 | -1.48 | -0.98 | -0.89 |
| | 0.00 | 0.00 | 0.00 | -0.09 | -12.82 | -0.23 | 1.91 | -1.48 | -0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | -0.09 | -0.51 | -0.14 | -0.13 | 0.00 | 0.00 | 0.00 |
| PJM 61847 | 27.28 | 30.48 | 28.29 | 27.08 | 25.49 | 24.33 | 25.91 | 23.65 | 19.54 | 22.42 | 21.96 | 20.55 | 19.29 | 20.76 | 22.91 | 25.36 | 30.98 | 33.14 | 34.16 | 37.69 | 35.81 | 33.89 | 33.00 | 40.20 |
| | 0.48 | 0.49 | 0.51 | 0.43 | 0.35 | 0.39 | 0.59 | 0.58 | 0.47 | 0.65 | 0.61 | 0.55 | 0.49 | 0.57 | 0.55 | 0.52 | 0.46 | 0.21 | 0.18 | 0.40 | 0.48 | 0.68 | 0.73 | 0.87 |
| | 3.92 | 0.00 | 0.00 | -0.31 | -0.52 | -0.77 | 1.25 | -4.21 | -1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.03 | -0.02 | -0.31 | -1.66 | -0.47 | -0.41 | 0.00 | 0.00 | -3.15 |
| WEST 61752 | 30.80 | 30.19 | 27.98 | 26.42 | 24.75 | 23.45 | 26.79 | 18.88 | 17.98 | 21.59 | 21.25 | 19.84 | 18.64 | 19.89 | 21.82 | 24.19 | 29.41 | 31.25 | 31.29 | 35.54 | 33.70 | 32.47 | 32.04 | 36.10 |
| | 0.08 | 0.20 | 0.20 | -0.01 | -0.02 | 0.04 | 0.22 | 0.02 | -0.25 | -0.17 | -0.10 | -0.15 | -0.16 | -0.30 | -0.55 | -0.63 | -1.09 | -1.45 | -1.52 | -1.42 | -1.34 | -0.73 | -0.23 | -0.09 |
| | 0.00 | 0.00 | 0.00 | -0.09 | -0.16 | -0.23 | 0.00 | 0.00 | -0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | -0.09 | -0.50 | -0.14 | -0.12 | 0.00 | 0.00 | 0.00 |