

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

12/05/2019

| 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 | 22.33 | 27.90 | 31.27 | 34.88 | 36.54 | 25.31 | 23.19 | 26.51 | 28.43 | 26.27 | 25.20 | 25.84 | 24.06 | 24.47 | 24.63 | 26.73 | 26.22 | 50.07 | 38.25 | 57.88 | 38.58 | 25.59 | 22.61 | 19.14 |
| 61757 | 1.35 | 0.68 | 0.09 | -0.24 | -0.24 | 1.11 | 1.41 | 1.58 | 1.33 | 1.45 | 1.50 | 1.46 | 1.73 | 1.81 | 1.76 | 1.43 | 1.81 | 3.73 | 2.83 | 4.36 | 2.98 | 1.78 | 1.54 | 1.10 |
| | -1.02 | -17.30 | -29.83 | -38.65 | -40.37 | -7.77 | -2.71 | -4.83 | -10.36 | -6.66 | -5.09 | -6.23 | -0.85 | 0.00 | -1.01 | -7.63 | -2.29 | 0.00 | -0.87 | -0.64 | -0.17 | -2.13 | -1.66 | -2.60 |
| CENTRL | 20.37 | 12.07 | 4.85 | 0.93 | 1.10 | 17.55 | 19.65 | 21.05 | 18.30 | 19.23 | 19.57 | 19.30 | 22.07 | 23.15 | 22.38 | 18.89 | 22.76 | 47.63 | 35.52 | 54.42 | 36.37 | 22.48 | 20.02 | 16.10 |
| 61754 | 0.30 | 0.11 | 0.00 | -0.06 | -0.04 | 0.22 | 0.26 | 0.38 | 0.34 | 0.30 | 0.36 | 0.40 | 0.48 | 0.50 | 0.40 | 0.32 | 0.37 | 1.30 | 0.99 | 1.54 | 0.92 | 0.55 | 0.48 | 0.38 |
| | -0.12 | -2.03 | -3.49 | -4.53 | -4.73 | -0.91 | -0.32 | -0.57 | -1.23 | -0.79 | -0.60 | -0.73 | -0.10 | 0.00 | -0.12 | -0.89 | -0.27 | 0.00 | 0.00 | 0.00 | -0.02 | -0.25 | -0.12 | -0.28 |
| DUNWOD | 22.25 | 23.05 | 22.84 | 23.94 | 25.12 | 23.30 | 22.84 | 25.65 | 25.94 | 24.84 | 24.18 | 24.54 | 24.40 | 25.03 | 24.93 | 25.05 | 26.17 | 51.35 | 38.35 | 58.64 | 39.32 | 25.53 | 22.28 | 18.67 |
| 61760 | 1.56 | 0.72 | 0.11 | -0.24 | -0.24 | 1.31 | 1.82 | 2.10 | 1.78 | 1.92 | 1.93 | 1.91 | 2.30 | 2.37 | 2.34 | 1.90 | 2.41 | 5.02 | 3.82 | 5.76 | 3.77 | 2.33 | 2.11 | 1.53 |
| | -0.73 | -12.40 | -21.38 | -27.72 | -28.95 | -5.57 | -1.94 | -3.46 | -7.42 | -4.78 | -3.65 | -4.47 | -0.61 | 0.00 | -0.73 | -5.47 | -1.64 | 0.00 | 0.00 | 0.00 | -0.12 | -1.53 | -0.76 | -1.70 |
| GENESE | 19.83 | 11.25 | 3.89 | -0.18 | -0.06 | 16.91 | 19.05 | 20.41 | 17.56 | 18.60 | 19.03 | 18.75 | 21.61 | 22.72 | 21.83 | 18.25 | 22.17 | 46.85 | 34.95 | 53.45 | 35.56 | 21.99 | 19.54 | 15.63 |
| 61753 | -0.21 | -0.17 | -0.05 | 0.01 | 0.03 | -0.19 | -0.26 | -0.11 | -0.07 | -0.13 | -0.02 | 0.05 | 0.06 | 0.06 | -0.12 | -0.09 | -0.14 | 0.52 | 0.42 | 0.57 | 0.12 | 0.12 | 0.04 | -0.02 |
| | -0.09 | -1.50 | -2.59 | -3.36 | -3.50 | -0.67 | -0.24 | -0.42 | -0.90 | -0.58 | -0.44 | -0.54 | -0.07 | 0.00 | -0.09 | -0.66 | -0.20 | 0.00 | 0.00 | 0.00 | -0.02 | -0.18 | -0.09 | -0.20 |
| H Q | 19.43 | 9.68 | 1.32 | -3.45 | -3.51 | 16.02 | 18.55 | 19.49 | 16.21 | 17.59 | 18.03 | 17.56 | 20.77 | 21.91 | 21.15 | 17.09 | 21.37 | 44.66 | 27.78 | 46.90 | 34.15 | 20.90 | 14.91 | 13.50 |
| 61844 | -0.52 | -0.24 | -0.03 | 0.09 | 0.08 | -0.39 | -0.52 | -0.61 | -0.52 | -0.56 | -0.58 | -0.60 | -0.71 | -0.75 | -0.71 | -0.59 | -0.75 | -1.68 | -1.31 | -2.00 | -1.28 | -0.78 | -0.71 | -0.55 |
| | 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 | 5.44 | 3.99 | 0.00 | 0.00 | 3.79 | 1.39 |
| HUD VL | 22.07 | 23.01 | 22.90 | 24.06 | 25.25 | 23.19 | 22.65 | 25.44 | 25.77 | 24.63 | 23.96 | 24.32 | 24.12 | 24.75 | 24.65 | 24.84 | 25.89 | 50.81 | 37.94 | 58.09 | 38.97 | 25.30 | 22.04 | 18.50 |
| 61758 | 1.38 | 0.65 | 0.09 | -0.22 | -0.22 | 1.17 | 1.62 | 1.87 | 1.58 | 1.69 | 1.69 | 1.68 | 2.02 | 2.09 | 2.06 | 1.67 | 2.13 | 4.47 | 3.40 | 5.21 | 3.42 | 2.09 | 1.88 | 1.35 |
| | -0.73 | -12.44 | -21.46 | -27.82 | -29.06 | -5.60 | -1.95 | -3.47 | -7.45 | -4.79 | -3.66 | -4.48 | -0.61 | 0.00 | -0.73 | -5.49 | -1.65 | 0.00 | 0.00 | 0.00 | -0.12 | -1.53 | -0.76 | -1.71 |
| LONGIL | 36.67 | 23.43 | 22.90 | 23.81 | 24.99 | 33.65 | 41.02 | 31.02 | 30.02 | 25.52 | 25.91 | 26.21 | 33.75 | 26.80 | 41.94 | 30.67 | 29.97 | 53.03 | 39.56 | 60.68 | 58.38 | 44.29 | 34.18 | 33.66 |
| 61762 | 2.32 | 1.10 | 0.16 | -0.37 | -0.38 | 1.96 | 2.57 | 2.89 | 2.44 | 2.59 | 2.61 | 2.59 | 3.10 | 3.19 | 3.15 | 2.57 | 3.24 | 6.70 | 5.02 | 7.63 | 5.16 | 3.16 | 2.92 | 2.18 |
| | -14.40 | -12.41 | -21.39 | -27.72 | -28.96 | -15.27 | -19.37 | -8.03 | -10.85 | -4.78 | -4.69 | -5.47 | -9.16 | -0.95 | -16.93 | -10.41 | -4.61 | 0.00 | 0.00 | -0.16 | -17.79 | -19.45 | -11.84 | -16.03 |
| MHK VL | 20.59 | 12.34 | 5.16 | 1.26 | 1.43 | 17.80 | 19.94 | 21.31 | 18.54 | 19.54 | 19.82 | 19.49 | 22.25 | 23.35 | 22.65 | 19.16 | 23.14 | 47.89 | 32.86 | 52.67 | 36.65 | 22.66 | 18.14 | 15.48 |
| 61756 | 0.50 | 0.22 | 0.03 | -0.08 | -0.08 | 0.40 | 0.53 | 0.61 | 0.50 | 0.56 | 0.58 | 0.56 | 0.66 | 0.69 | 0.66 | 0.55 | 0.74 | 1.56 | 1.15 | 1.85 | 1.20 | 0.72 | 0.60 | 0.47 |
| | -0.13 | -2.19 | -3.79 | -4.87 | -5.10 | -0.98 | -0.34 | -0.61 | -1.31 | -0.83 | -0.63 | -0.77 | -0.10 | 0.00 | -0.12 | -0.94 | -0.28 | 0.00 | 2.82 | 2.06 | -0.02 | -0.26 | 1.88 | 0.44 |
| MILLWD | 22.17 | 23.20 | 23.16 | 24.37 | 25.57 | 23.33 | 22.79 | 25.63 | 25.98 | 24.81 | 24.14 | 24.49 | 24.27 | 24.90 | 24.81 | 25.02 | 26.07 | 51.12 | 38.19 | 58.43 | 39.19 | 25.46 | 22.19 | 18.62 |
| 61759 | 1.48 | 0.69 | 0.10 | -0.23 | -0.23 | 1.25 | 1.74 | 2.01 | 1.70 | 1.82 | 1.83 | 1.80 | 2.17 | 2.24 | 2.21 | 1.79 | 2.29 | 4.79 | 3.66 | 5.55 | 3.64 | 2.23 | 2.01 | 1.45 |
| | -0.74 | -12.59 | -21.71 | -28.14 | -29.39 | -5.66 | -1.97 | -3.52 | -7.54 | -4.85 | -3.70 | -4.53 | -0.62 | 0.00 | -0.74 | -5.55 | -1.67 | 0.00 | 0.00 | 0.00 | -0.12 | -1.55 | -0.77 | -1.73 |
| N.Y.C. | 22.35 | 23.09 | 22.84 | 23.92 | 25.10 | 23.38 | 22.95 | 25.78 | 26.05 | 24.97 | 24.31 | 24.67 | 24.58 | 25.19 | 25.10 | 25.18 | 26.32 | 51.60 | 38.56 | 58.90 | 39.48 | 25.68 | 22.43 | 18.78 |
| 61761 | 1.67 | 0.77 | 0.11 | -0.25 | -0.25 | 1.40 | 1.94 | 2.22 | 1.89 | 2.05 | 2.06 | 2.05 | 2.48 | 2.53 | 2.51 | 2.04 | 2.56 | 5.27 | 4.02 | 6.02 | 3.93 | 2.48 | 2.27 | 1.63 |
| | -0.73 | -12.40 | -21.38 | -27.72 | -28.94 | -5.57 | -1.94 | -3.46 | -7.42 | -4.78 | -3.65 | -4.46 | -0.61 | 0.00 | -0.73 | -5.46 | -1.64 | 0.00 | 0.00 | 0.00 | -0.12 | -1.53 | -0.76 | -1.70 |
| NORTH | 19.39 | 9.65 | 1.32 | -3.42 | -3.50 | 16.03 | 18.39 | 19.24 | 15.97 | 17.36 | 17.75 | 17.20 | 20.29 | 21.47 | 20.70 | 16.71 | 20.85 | 43.42 | 8.65 | 32.09 | 33.16 | 20.34 | 1.82 | 8.53 |
| 61755 | -0.56 | -0.27 | -0.02 | 0.12 | 0.09 | -0.39 | -0.69 | -0.86 | -0.76 | -0.79 | -0.86 | -0.96 | -1.19 | -1.19 | -1.16 | -0.96 | -1.27 | -2.91 | -2.37 | -3.57 | -2.27 | -1.33 | -1.24 | -0.93 |
| | 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 | 23.52 | 17.22 | 0.00 | 0.00 | 16.35 | 5.99 |
| NPX | 31.38 | 31.16 | 34.71 | 37.07 | 32.49 | 31.45 | 36.13 | 41.27 | 40.11 | 39.11 | 37.25 | 31.55 | 29.56 | 29.90 | 30.16 | 31.36 | 40.65 | 58.60 | 55.01 | 74.16 | 55.38 | 37.68 | 28.35 | 26.57 |
| 61845 | 1.43 | 0.69 | 0.10 | -0.24 | -0.24 | 1.17 | 1.52 | 1.73 | 1.47 | 1.59 | 1.62 | 1.60 | 1.92 | 1.99 | 1.94 | 1.57 | 1.96 | 4.02 | 3.07 | 4.69 | 3.14 | 1.92 | 1.73 | 1.27 |
| | -10.00 | -20.54 | -33.26 | -40.85 | -36.31 | -13.87 | -15.54 | -19.44 | -21.90 | -19.38 | -17.02 | -11.80 | -6.16 | -5.25 | -6.36 | -12.12 | -16.58 | -8.25 | -17.40 | -16.59 | -16.81 | -14.08 | -7.20 | -9.87 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| O H 61846 | 19.37 | 11.46 | 4.64 | 0.91 | 1.09 | 16.65 | 18.43 | 19.84 | 17.24 | 18.10 | 18.53 | 18.33 | 20.96 | 22.03 | 21.19 | 17.89 | 21.38 | 45.36 | 33.87 | 51.83 | 34.49 | 21.49 | 19.18 | 15.39 |
| | -0.70 | -0.43 | -0.09 | 0.07 | 0.11 | -0.65 | -0.94 | -0.81 | -0.66 | -0.80 | -0.66 | -0.53 | -0.59 | -0.63 | -0.78 | -0.65 | -1.00 | -0.97 | -0.67 | -1.05 | -0.96 | -0.43 | -0.35 | -0.32 |
| | -0.12 | -1.96 | -3.38 | -4.38 | -4.58 | -0.88 | -0.31 | -0.55 | -1.17 | -0.75 | -0.58 | -0.70 | -0.07 | 0.00 | -0.11 | -0.86 | -0.26 | 0.00 | 0.00 | 0.00 | -0.02 | -0.24 | -0.12 | -0.27 |
| PJM 61847 | 21.03 | 17.77 | 14.48 | 13.34 | 14.06 | 20.33 | 20.94 | 23.10 | 22.03 | 21.82 | 21.65 | 21.78 | 23.11 | 23.78 | 23.32 | 21.82 | 23.99 | 48.61 | 36.27 | 55.62 | 37.25 | 23.71 | 20.90 | 17.23 |
| | 0.63 | 0.25 | 0.03 | -0.11 | -0.09 | 0.50 | 0.68 | 0.88 | 0.74 | 0.74 | 0.80 | 0.87 | 1.09 | 1.12 | 1.02 | 0.79 | 0.87 | 2.28 | 1.74 | 2.75 | 1.74 | 1.10 | 1.03 | 0.74 |
| | -0.45 | -7.60 | -13.11 | -16.99 | -17.74 | -3.42 | -1.19 | -2.12 | -4.56 | -2.93 | -2.24 | -2.75 | -0.54 | 0.00 | -0.45 | -3.35 | -1.01 | 0.00 | 0.00 | 0.00 | -0.07 | -0.93 | -0.46 | -1.04 |
| WEST 61752 | 19.72 | 11.60 | 4.62 | 0.80 | 0.99 | 16.92 | 18.79 | 20.27 | 17.70 | 18.58 | 19.04 | 18.87 | 22.36 | 22.63 | 21.66 | 18.25 | 21.85 | 46.50 | 34.75 | 53.22 | 35.41 | 22.06 | 19.66 | 15.74 |
| | -0.35 | -0.27 | -0.07 | 0.01 | 0.05 | -0.38 | -0.58 | -0.37 | -0.22 | -0.32 | -0.15 | -0.02 | 0.02 | -0.03 | -0.31 | -0.28 | -0.53 | 0.17 | 0.22 | 0.35 | -0.04 | 0.14 | 0.14 | 0.03 |
| | -0.11 | -1.94 | -3.35 | -4.33 | -4.53 | -0.87 | -0.30 | -0.54 | -1.19 | -0.76 | -0.58 | -0.73 | -0.86 | -0.01 | -0.11 | -0.86 | -0.26 | 0.00 | 0.00 | 0.00 | -0.02 | -0.24 | -0.12 | -0.27 |