

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

11/07/2017

| 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 | 21.84 | 23.98 | 22.28 | 24.11 | 20.51 | 21.71 | 28.32 | 65.81 | 33.25 | 30.53 | 31.65 | 35.77 | 45.97 | 36.39 | 35.08 | 35.80 | 37.33 | 36.76 | 40.14 | 44.01 | 34.52 | 31.98 | 21.52 | 17.81 |
| 61757 | 1.27 | 1.44 | 1.36 | 1.49 | 1.30 | 1.44 | 1.94 | 4.59 | 2.31 | 1.98 | 2.02 | 2.35 | 2.98 | 2.35 | 2.31 | 2.41 | 2.66 | 2.68 | 2.85 | 3.09 | 2.39 | 2.14 | 1.34 | 1.07 |
| | 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 |
| CENTRL | 21.01 | 22.96 | 21.27 | 22.96 | 19.47 | 20.96 | 28.23 | 64.16 | 32.38 | 29.98 | 31.98 | 36.10 | 46.31 | 36.59 | 33.22 | 33.87 | 35.51 | 36.97 | 40.72 | 45.02 | 34.68 | 30.30 | 20.57 | 17.06 |
| 61754 | 0.44 | 0.42 | 0.35 | 0.34 | 0.26 | 0.29 | 0.42 | 1.28 | 0.62 | 0.53 | 0.62 | 0.61 | 0.73 | 0.59 | 0.44 | 0.47 | 0.47 | 0.52 | 0.69 | 0.81 | 0.55 | 0.45 | 0.39 | 0.32 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.39 | -1.43 | -1.67 | -0.81 | -0.90 | -1.72 | -2.07 | -2.60 | -1.96 | 0.00 | 0.00 | -0.37 | -2.37 | -2.74 | -3.28 | -2.00 | 0.00 | -0.01 | 0.00 |
| DUNWOD | 22.28 | 24.35 | 22.66 | 24.53 | 20.87 | 22.16 | 28.80 | 66.69 | 33.75 | 31.20 | 32.33 | 36.47 | 46.96 | 37.08 | 35.87 | 36.58 | 38.00 | 37.32 | 40.66 | 44.59 | 35.18 | 32.74 | 22.14 | 18.30 |
| 61760 | 1.70 | 1.81 | 1.75 | 1.91 | 1.66 | 1.89 | 2.42 | 5.48 | 2.80 | 2.65 | 2.70 | 3.05 | 3.97 | 3.05 | 3.09 | 3.18 | 3.33 | 3.23 | 3.36 | 3.68 | 3.05 | 2.89 | 1.97 | 1.55 |
| | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GENESE | 20.32 | 22.15 | 20.50 | 22.09 | 18.75 | 20.11 | 26.80 | 61.33 | 31.07 | 28.73 | 30.42 | 34.29 | 43.97 | 34.75 | 31.92 | 32.53 | 34.03 | 34.84 | 38.48 | 42.51 | 32.89 | 29.18 | 19.88 | 16.51 |
| 61753 | -0.26 | -0.39 | -0.42 | -0.53 | -0.46 | -0.47 | -0.65 | -1.09 | -0.45 | -0.46 | -0.39 | -0.57 | -0.85 | -0.67 | -0.86 | -0.87 | -0.90 | -0.85 | -0.69 | -0.65 | -0.60 | -0.67 | -0.30 | -0.24 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.30 | -1.08 | -1.21 | -0.58 | -0.64 | -1.18 | -1.43 | -1.83 | -1.39 | 0.00 | 0.00 | -0.25 | -1.60 | -1.88 | -2.25 | -1.36 | 0.00 | -0.01 | 0.00 |
| H Q | 19.94 | 21.85 | 20.27 | 21.92 | 18.63 | 19.66 | 25.61 | 59.42 | 30.02 | 27.06 | 28.80 | 32.48 | 41.79 | 33.12 | 31.88 | 32.47 | 33.68 | 33.08 | 36.19 | 39.70 | 31.18 | 28.96 | 19.56 | 16.24 |
| 61844 | -0.64 | -0.70 | -0.65 | -0.69 | -0.58 | -0.61 | -0.76 | -1.80 | -0.92 | -0.82 | -0.84 | -0.94 | -1.20 | -0.92 | -0.89 | -0.93 | -1.00 | -1.00 | -1.10 | -1.21 | -0.95 | -0.89 | -0.61 | -0.50 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 | 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 | 22.26 | 24.34 | 22.64 | 24.48 | 20.82 | 22.10 | 28.75 | 66.64 | 33.71 | 31.12 | 32.28 | 36.43 | 46.89 | 37.03 | 35.79 | 36.50 | 37.95 | 37.33 | 40.69 | 44.63 | 35.16 | 32.69 | 22.08 | 18.25 |
| 61758 | 1.68 | 1.79 | 1.72 | 1.86 | 1.61 | 1.83 | 2.37 | 5.42 | 2.76 | 2.57 | 2.64 | 3.01 | 3.91 | 3.00 | 3.01 | 3.10 | 3.27 | 3.25 | 3.40 | 3.71 | 3.03 | 2.84 | 1.91 | 1.51 |
| | 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 |
| LONGIL | 23.13 | 24.64 | 22.91 | 24.87 | 21.21 | 22.68 | 29.42 | 67.88 | 33.93 | 31.65 | 32.67 | 36.61 | 47.53 | 37.60 | 36.48 | 36.79 | 38.51 | 37.93 | 41.38 | 45.23 | 35.43 | 33.22 | 22.52 | 18.41 |
| 61762 | 2.11 | 2.09 | 1.99 | 2.25 | 2.00 | 2.40 | 3.04 | 6.67 | 2.98 | 3.10 | 3.04 | 3.19 | 4.54 | 3.57 | 3.70 | 3.36 | 3.83 | 3.85 | 4.10 | 4.32 | 3.30 | 3.37 | 2.35 | 1.67 |
| | -0.44 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MHK VL | 21.01 | 23.00 | 21.32 | 23.07 | 19.61 | 21.01 | 27.99 | 64.19 | 32.43 | 29.99 | 31.53 | 35.61 | 45.79 | 36.20 | 33.86 | 34.53 | 36.01 | 36.44 | 40.00 | 44.00 | 34.20 | 30.80 | 20.78 | 17.18 |
| 61756 | 0.43 | 0.46 | 0.40 | 0.45 | 0.40 | 0.51 | 0.82 | 2.09 | 1.06 | 0.98 | 1.04 | 1.15 | 1.48 | 1.16 | 1.09 | 1.13 | 1.16 | 1.18 | 1.32 | 1.42 | 1.06 | 0.95 | 0.60 | 0.44 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.22 | -0.79 | -0.89 | -0.42 | -0.47 | -0.86 | -1.04 | -1.33 | -1.01 | 0.00 | 0.00 | -0.18 | -1.18 | -1.39 | -1.66 | -1.01 | 0.00 | -0.01 | 0.00 |
| MILLWD | 22.28 | 24.36 | 22.66 | 24.52 | 20.86 | 22.15 | 28.83 | 66.88 | 33.82 | 31.22 | 32.37 | 36.51 | 47.02 | 37.12 | 35.90 | 36.62 | 38.06 | 37.41 | 40.77 | 44.73 | 35.25 | 32.79 | 22.16 | 18.30 |
| 61759 | 1.70 | 1.81 | 1.74 | 1.90 | 1.65 | 1.88 | 2.45 | 5.67 | 2.87 | 2.67 | 2.73 | 3.09 | 4.03 | 3.08 | 3.13 | 3.22 | 3.39 | 3.33 | 3.48 | 3.81 | 3.12 | 2.94 | 1.99 | 1.56 |
| | 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 |
| N.Y.C. | 22.39 | 24.45 | 22.81 | 24.70 | 21.01 | 22.32 | 29.00 | 67.14 | 34.04 | 31.50 | 32.61 | 36.77 | 65.10 | 37.39 | 36.20 | 73.64 | 38.31 | 37.59 | 40.89 | 45.03 | 48.39 | 48.77 | 27.88 | 18.48 |
| 61761 | 1.81 | 1.90 | 1.89 | 2.08 | 1.80 | 2.05 | 2.62 | 5.92 | 3.09 | 2.95 | 2.97 | 3.34 | 4.37 | 3.35 | 3.43 | 3.55 | 3.64 | 3.51 | 3.60 | 3.97 | 3.31 | 3.18 | 2.19 | 1.74 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -17.74 | 0.00 | 0.00 | -36.69 | 0.00 | 0.00 | 0.00 | -0.15 | -12.95 | -15.74 | -5.51 | 0.00 |
| NORTH | 19.73 | 21.70 | 20.14 | 21.86 | 18.61 | 19.63 | 25.71 | 59.58 | 30.19 | 28.06 | 29.17 | 32.87 | 42.04 | 33.37 | 32.10 | 32.70 | 33.94 | 33.34 | 36.45 | 39.96 | 31.38 | 29.26 | 19.69 | 16.29 |
| 61755 | -0.84 | -0.84 | -0.78 | -0.76 | -0.60 | -0.64 | -0.67 | -1.63 | -0.75 | -0.49 | -0.46 | -0.55 | -0.95 | -0.67 | -0.68 | -0.70 | -0.73 | -0.74 | -0.84 | -0.96 | -0.75 | -0.58 | -0.48 | -0.46 |
| | 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 | 21.90 | 24.04 | 22.36 | 24.20 | 20.57 | 21.74 | 28.26 | 65.54 | 33.10 | 29.63 | 32.67 | 35.63 | 46.09 | 36.26 | 35.04 | 35.54 | 37.29 | 36.64 | 40.71 | 42.53 | 34.66 | 33.39 | 21.65 | 17.93 |
| 61845 | 1.33 | 1.50 | 1.44 | 1.58 | 1.36 | 1.47 | 1.88 | 4.33 | 2.15 | 1.86 | 2.21 | 2.86 | 2.23 | 2.26 | 2.38 | 2.61 | 2.56 | 2.67 | 2.90 | 2.34 | 2.21 | 1.45 | 1.19 | 1.19 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | -1.17 | 0.00 | -0.24 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 | 0.00 | -0.74 | 1.29 | -0.19 | -1.33 | -0.02 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| O H 61846 | 20.10 | 21.91 | 20.27 | 21.79 | 18.47 | 19.81 | 26.22 | 59.98 | 30.31 | 27.99 | 29.76 | 33.47 | 42.87 | 33.91 | 30.95 | 31.59 | 32.93 | 33.58 | 37.26 | 41.30 | 31.99 | 28.40 | 19.50 | 16.24 |
| | -0.47 | -0.64 | -0.65 | -0.83 | -0.74 | -0.77 | -1.25 | -2.46 | -1.22 | -1.21 | -1.07 | -1.40 | -1.97 | -1.54 | -1.83 | -1.81 | -1.99 | -2.11 | -1.91 | -1.87 | -1.51 | -1.45 | -0.68 | -0.50 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.31 | -1.09 | -1.23 | -0.58 | -0.64 | -1.20 | -1.46 | -1.86 | -1.41 | 0.00 | 0.00 | -0.25 | -1.61 | -1.89 | -2.25 | -1.37 | 0.00 | -0.01 | 0.00 |
| PJM 61847 | 21.78 | 23.79 | 22.10 | 23.85 | 20.25 | 21.65 | 28.46 | 65.26 | 32.96 | 29.82 | 32.01 | 36.07 | 46.36 | 36.63 | 34.53 | 37.23 | 34.52 | 36.68 | 40.20 | 44.32 | 34.68 | 31.57 | 21.45 | 17.78 |
| | 1.21 | 1.24 | 1.17 | 1.23 | 1.04 | 1.22 | 1.51 | 3.42 | 1.71 | 1.60 | 1.76 | 1.91 | 2.42 | 1.87 | 1.76 | 1.86 | 1.85 | 1.76 | 1.93 | 2.23 | 1.83 | 1.72 | 1.28 | 1.04 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.16 | -0.56 | -0.62 | -0.30 | 0.34 | -0.62 | -0.75 | -0.95 | -0.73 | 0.00 | -1.97 | 2.00 | -0.84 | -0.98 | -1.17 | -0.71 | 0.00 | 0.00 | 0.00 |
| WEST 61752 | 20.49 | 22.31 | 20.63 | 22.16 | 18.79 | 20.17 | 26.76 | 61.52 | 31.05 | 28.65 | 30.46 | 34.24 | 43.82 | 34.68 | 31.66 | 32.27 | 33.64 | 34.32 | 38.10 | 42.23 | 32.71 | 29.02 | 19.94 | 16.60 |
| | -0.08 | -0.23 | -0.29 | -0.45 | -0.42 | -0.41 | -0.72 | -0.93 | -0.48 | -0.55 | -0.37 | -0.64 | -1.03 | -0.77 | -1.12 | -1.13 | -1.29 | -1.38 | -1.08 | -0.95 | -0.80 | -0.83 | -0.23 | -0.14 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.31 | -1.10 | -1.23 | -0.59 | -0.65 | -1.21 | -1.46 | -1.86 | -1.41 | 0.00 | 0.00 | -0.25 | -1.62 | -1.90 | -2.26 | -1.37 | 0.00 | -0.01 | 0.00 |