

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

11/10/2017

| 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 | 28.42 | 23.72 | 15.21 | 14.43 | 4.21 | 6.82 | 10.53 | 22.01 | 5.57 | 4.03 | 29.82 | 23.03 | 18.44 | 19.67 | 16.59 | 18.73 | 25.04 | 30.80 | 36.80 | 30.31 | 26.21 | 32.97 | 27.28 | 23.56 |
| 61757 | 0.29 | 0.14 | 0.91 | 0.82 | 0.25 | 0.42 | 0.63 | 1.42 | 0.37 | 0.27 | 2.07 | 1.62 | 1.28 | 1.41 | 1.20 | 1.39 | 1.81 | 2.24 | 2.66 | 2.21 | 1.89 | 2.34 | 1.86 | 1.51 |
| | -23.78 | -21.43 | 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 | 7.17 | 4.71 | 14.47 | 13.78 | 4.00 | 6.50 | 10.36 | 21.43 | 5.65 | 3.96 | 29.00 | 21.88 | 17.46 | 18.57 | 15.63 | 17.67 | 23.93 | 29.79 | 36.24 | 29.36 | 24.93 | 31.88 | 26.14 | 22.29 |
| 61754 | 0.02 | 0.03 | 0.17 | 0.17 | 0.04 | 0.10 | 0.23 | 0.45 | 0.13 | 0.08 | 0.52 | 0.30 | 0.31 | 0.31 | 0.25 | 0.18 | 0.25 | 0.28 | 0.53 | 0.33 | 0.25 | 0.24 | 0.21 | 0.24 |
| | -2.81 | -2.54 | 0.00 | 0.00 | 0.00 | 0.00 | -0.23 | -0.39 | -0.32 | -0.12 | -0.74 | -0.17 | 0.00 | 0.00 | 0.00 | -0.14 | -0.46 | -0.95 | -1.56 | -0.93 | -0.36 | -1.00 | -0.52 | 0.00 |
| DUNWOD | 22.54 | 18.38 | 15.45 | 14.69 | 4.28 | 6.96 | 10.73 | 22.26 | 5.63 | 4.11 | 30.64 | 23.67 | 18.96 | 20.23 | 17.03 | 19.17 | 25.49 | 31.21 | 37.33 | 30.75 | 26.70 | 33.73 | 27.94 | 24.17 |
| 61760 | 0.40 | 0.19 | 1.15 | 1.08 | 0.32 | 0.56 | 0.83 | 1.68 | 0.43 | 0.36 | 2.89 | 2.26 | 1.82 | 1.97 | 1.65 | 1.82 | 2.26 | 2.65 | 3.19 | 2.65 | 2.38 | 3.09 | 2.52 | 2.12 |
| | -17.80 | -16.04 | 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 | 6.40 | 4.08 | 14.15 | 13.50 | 3.93 | 6.45 | 10.31 | 21.22 | 5.56 | 3.90 | 28.32 | 21.26 | 17.00 | 18.00 | 15.10 | 16.92 | 22.96 | 28.57 | 34.70 | 28.18 | 23.99 | 30.45 | 24.97 | 21.37 |
| 61753 | -0.13 | -0.05 | -0.15 | -0.10 | -0.03 | 0.05 | 0.23 | 0.33 | 0.12 | 0.06 | 0.02 | -0.28 | -0.15 | -0.25 | -0.28 | -0.53 | -0.61 | -0.70 | -0.57 | -0.59 | -0.60 | -0.92 | -0.84 | -0.68 |
| | -2.19 | -1.98 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 | -0.30 | -0.24 | -0.09 | -0.55 | -0.13 | 0.00 | 0.00 | 0.00 | -0.11 | -0.34 | -0.71 | -1.13 | -0.67 | -0.26 | -0.74 | -0.39 | 0.00 |
| H Q | -1.30 | 2.08 | 17.68 | 13.20 | 3.85 | 6.21 | 9.63 | 20.01 | 5.03 | 3.63 | 26.76 | 20.67 | 16.52 | 17.56 | 14.81 | 16.76 | 22.53 | 27.78 | 33.13 | 27.28 | 23.66 | 29.75 | 24.69 | 15.95 |
| 61844 | -0.14 | -0.07 | -0.44 | -0.41 | -0.11 | -0.19 | -0.27 | -0.58 | -0.17 | -0.13 | -0.99 | -0.74 | -0.63 | -0.69 | -0.58 | -0.58 | -0.70 | -0.78 | -1.01 | -0.82 | -0.71 | -0.88 | -0.73 | -0.66 |
| | 5.50 | 0.00 | -3.83 | 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 | -0.05 | 0.00 | 0.00 | 5.44 |
| HUD VL | 22.55 | 18.40 | 15.48 | 14.72 | 4.29 | 6.97 | 10.77 | 22.37 | 5.66 | 4.12 | 30.69 | 23.69 | 18.98 | 20.24 | 17.04 | 19.13 | 25.49 | 31.25 | 37.38 | 30.79 | 26.72 | 33.68 | 27.91 | 24.14 |
| 61758 | 0.40 | 0.20 | 1.18 | 1.11 | 0.33 | 0.58 | 0.87 | 1.78 | 0.46 | 0.37 | 2.93 | 2.28 | 1.82 | 1.98 | 1.66 | 1.79 | 2.27 | 2.70 | 3.24 | 2.69 | 2.39 | 3.05 | 2.49 | 2.09 |
| | -17.81 | -16.05 | 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 |
| LONGIL | 22.62 | 18.43 | 15.69 | 14.98 | 4.39 | 7.18 | 10.84 | 22.32 | 5.60 | 4.11 | 30.67 | 23.68 | 18.41 | 20.14 | 16.95 | 19.30 | 25.66 | 31.75 | 37.87 | 31.17 | 27.07 | 34.35 | 28.39 | 24.60 |
| 61762 | 0.46 | 0.23 | 1.39 | 1.38 | 0.43 | 0.78 | 0.93 | 1.74 | 0.40 | 0.36 | 2.92 | 2.31 | 1.91 | 1.96 | 1.73 | 1.96 | 2.43 | 3.20 | 3.73 | 3.08 | 2.75 | 3.72 | 2.97 | 2.55 |
| | -17.82 | -16.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.65 | 0.08 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MHK VL | 7.48 | 4.97 | 14.56 | 13.86 | 4.04 | 6.55 | 10.34 | 21.46 | 5.55 | 3.95 | 29.10 | 22.20 | 17.73 | 18.87 | 15.90 | 18.01 | 24.28 | 30.12 | 36.28 | 29.62 | 25.36 | 32.19 | 26.52 | 22.71 |
| 61756 | 0.09 | 0.04 | 0.26 | 0.25 | 0.08 | 0.16 | 0.30 | 0.65 | 0.17 | 0.12 | 0.94 | 0.70 | 0.58 | 0.62 | 0.52 | 0.59 | 0.80 | 1.04 | 1.31 | 1.02 | 0.84 | 1.01 | 0.81 | 0.66 |
| | -3.06 | -2.77 | 0.00 | 0.00 | 0.00 | 0.00 | -0.14 | -0.23 | -0.18 | -0.07 | -0.41 | -0.09 | 0.00 | 0.00 | 0.00 | -0.08 | -0.25 | -0.52 | -0.83 | -0.49 | -0.19 | -0.55 | -0.29 | 0.00 |
| MILLWD | 22.75 | 18.56 | 15.48 | 14.72 | 4.29 | 6.98 | 10.77 | 22.37 | 5.66 | 4.13 | 30.75 | 23.75 | 19.02 | 20.29 | 17.08 | 19.22 | 25.60 | 31.39 | 37.48 | 30.86 | 26.78 | 33.80 | 28.01 | 24.22 |
| 61759 | 0.41 | 0.20 | 1.18 | 1.11 | 0.33 | 0.58 | 0.87 | 1.78 | 0.46 | 0.38 | 2.99 | 2.34 | 1.87 | 2.03 | 1.70 | 1.88 | 2.38 | 2.83 | 3.34 | 2.77 | 2.46 | 3.17 | 2.59 | 2.17 |
| | -18.00 | -16.21 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| N.Y.C. | 22.60 | 18.42 | 15.55 | 14.79 | 4.31 | 7.02 | 10.82 | 22.43 | 5.68 | 4.16 | 30.95 | 24.90 | 34.85 | 22.24 | 20.90 | 19.35 | 25.69 | 31.40 | 37.56 | 30.96 | 26.91 | 34.01 | 28.19 | 24.37 |
| 61761 | 0.44 | 0.21 | 1.25 | 1.18 | 0.35 | 0.62 | 0.92 | 1.84 | 0.48 | 0.40 | 3.19 | 2.49 | 2.00 | 2.17 | 1.82 | 2.00 | 2.47 | 2.84 | 3.42 | 2.87 | 2.59 | 3.38 | 2.77 | 2.32 |
| | -17.82 | -16.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.99 | -15.70 | -1.81 | -3.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NORTH | 4.11 | 2.02 | 13.56 | 12.92 | 3.78 | 6.12 | 9.55 | 19.75 | 4.95 | 3.56 | 26.33 | 20.29 | 16.16 | 17.17 | 14.48 | 16.46 | 22.24 | 27.48 | 32.72 | 26.93 | 23.35 | 29.45 | 24.42 | 21.12 |
| 61755 | -0.22 | -0.13 | -0.73 | -0.68 | -0.18 | -0.28 | -0.36 | -0.84 | -0.25 | -0.19 | -1.43 | -1.11 | -0.99 | -1.08 | -0.90 | -0.88 | -0.98 | -1.08 | -1.42 | -1.17 | -0.97 | -1.18 | -1.00 | -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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NPX | 24.36 | 24.55 | 20.32 | 12.74 | 4.24 | 6.64 | 10.56 | 22.07 | 5.57 | 3.33 | 30.03 | 23.21 | 18.59 | 19.86 | 15.77 | 18.89 | 38.33 | 45.81 | 47.41 | 36.04 | 31.40 | 33.98 | 27.56 | 23.86 |
| 61845 | 0.34 | 0.17 | 1.07 | 0.95 | 0.28 | 0.48 | 0.67 | 1.48 | 0.37 | 0.29 | 2.28 | 1.80 | 1.44 | 1.61 | 1.35 | 1.54 | 1.98 | 2.33 | 2.77 | 2.33 | 2.05 | 2.61 | 2.14 | 1.81 |
| | -19.68 | -22.23 | -4.96 | 1.82 | 0.00 | 0.23 | 0.01 | 0.00 | 0.00 | 0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.00 | -13.12 | -14.93 | -10.50 | -5.60 | -5.03 | -0.73 | 0.00 | 0.00 |

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|---------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 6.87 | 4.57 | 13.89 | 13.24 | 3.85 | 6.34 | 10.17 | 21.82 | 5.21 | 3.80 | 27.40 | 20.46 | 16.42 | 17.37 | 14.55 | 16.21 | 21.97 | 27.22 | 33.25 | 27.00 | 23.00 | 29.27 | 24.07 | 22.90 |
| | -0.26 | -0.09 | -0.41 | -0.37 | -0.11 | -0.06 | 0.09 | -0.05 | 0.01 | -0.04 | -0.89 | -1.07 | -0.73 | -0.89 | -0.84 | -1.24 | -1.60 | -2.03 | -1.92 | -1.76 | -1.58 | -2.10 | -1.73 | -1.35 |
| | -2.79 | -2.52 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 | -1.28 | 0.00 | -0.09 | -0.54 | -0.12 | 0.00 | 0.00 | 0.00 | -0.10 | -0.34 | -0.70 | -1.03 | -0.66 | -0.26 | -0.73 | -0.38 | -2.20 |
| PJM 61847 | 17.42 | 12.30 | 18.82 | 14.26 | 4.15 | 6.05 | 10.60 | 21.94 | 5.63 | 4.04 | 29.85 | 23.00 | 21.37 | 19.82 | 17.10 | 18.40 | 24.60 | 30.00 | 36.93 | 29.88 | 26.19 | 32.67 | 26.98 | 23.26 |
| | 0.22 | 0.12 | 0.69 | 0.65 | 0.19 | 0.36 | 0.61 | 1.20 | 0.31 | 0.24 | 1.82 | 1.34 | 1.12 | 1.20 | 0.98 | 1.00 | 1.20 | 1.33 | 1.85 | 1.44 | 1.29 | 1.66 | 1.37 | 1.21 |
| | -12.87 | -10.03 | -3.83 | 0.00 | 0.00 | 0.70 | -0.09 | -0.15 | -0.12 | -0.05 | -0.28 | -0.26 | -3.09 | -0.35 | -0.73 | -0.05 | -0.17 | -0.12 | -0.94 | -0.34 | -0.58 | -0.37 | -0.20 | 0.00 |
| WEST 61752 | 6.88 | 4.55 | 14.11 | 13.45 | 3.91 | 6.46 | 10.41 | 21.29 | 5.58 | 3.89 | 28.10 | 20.96 | 16.81 | 17.78 | 14.90 | 16.59 | 22.49 | 27.90 | 34.43 | 27.65 | 23.55 | 29.95 | 24.63 | 21.18 |
| | -0.20 | -0.07 | -0.19 | -0.16 | -0.05 | 0.07 | 0.32 | 0.40 | 0.14 | 0.05 | -0.20 | -0.58 | -0.35 | -0.47 | -0.49 | -0.86 | -1.08 | -1.36 | -1.11 | -1.11 | -1.03 | -1.43 | -1.18 | -0.87 |
| | -2.74 | -2.47 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 | -0.30 | -0.24 | -0.09 | -0.54 | -0.12 | 0.00 | 0.00 | 0.00 | -0.10 | -0.34 | -0.71 | -1.39 | -0.66 | -0.26 | -0.73 | -0.39 | 0.00 |