

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

Zonal Data

05/18/2016

| 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 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| CAPITL | 13.91 | 13.46 | 13.53 | 13.73 | 12.84 | 12.62 | 13.00 | 16.70 | 16.75 | 18.65 | 19.58 | 15.64 | 17.43 | 17.45 | 17.71 | 17.11 | 18.00 | 17.63 | 19.08 | 17.60 | 16.12 | 15.88 | 17.11 | 14.78 |
| 61757 | 0.88 | 0.86 | 0.85 | 0.89 | 0.81 | 0.81 | 0.87 | 1.07 | 1.15 | 1.14 | 0.96 | 1.00 | 1.23 | 1.24 | 1.24 | 1.06 | 0.88 | 0.99 | 0.87 | 1.04 | 1.12 | 1.12 | 1.15 | 0.94 |
| | 0.00 | 0.00 | 0.00 | -0.12 | 0.00 | 0.00 | 0.00 | -1.06 | 0.00 | -2.10 | -5.60 | -1.29 | -0.24 | 0.00 | -0.37 | -2.31 | -5.75 | -3.95 | -7.27 | -3.65 | -1.01 | 0.00 | 0.00 | 0.00 |
| CENTRL | 13.20 | 12.72 | 12.82 | 12.85 | 12.16 | 11.93 | 12.40 | 15.03 | 16.00 | 16.05 | 14.10 | 13.84 | 16.31 | 16.50 | 16.43 | 14.30 | 12.48 | 13.46 | 34.39 | 13.68 | 14.35 | 15.01 | 16.19 | 14.04 |
| 61754 | 0.17 | 0.11 | 0.15 | 0.11 | 0.13 | 0.12 | 0.28 | 0.31 | 0.40 | 0.35 | 0.30 | 0.30 | 0.32 | 0.30 | 0.27 | 0.19 | 0.16 | 0.14 | 0.15 | 0.19 | 0.19 | 0.25 | 0.23 | 0.19 |
| | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | 0.00 | -0.15 | 0.00 | -0.29 | -0.78 | -0.18 | -0.03 | 0.00 | -0.06 | -0.38 | -0.94 | -0.64 | -23.29 | -0.58 | -0.16 | 0.00 | 0.00 | 0.00 |
| DUNWOD | 14.41 | 13.90 | 13.97 | 14.12 | 13.22 | 12.97 | 13.44 | 17.03 | 17.31 | 18.87 | 19.04 | 20.16 | 18.60 | 18.29 | 19.05 | 18.28 | 19.20 | 18.39 | 18.21 | 17.45 | 16.46 | 16.37 | 17.58 | 15.19 |
| 61760 | 1.38 | 1.29 | 1.29 | 1.30 | 1.19 | 1.16 | 1.31 | 1.61 | 1.71 | 1.77 | 1.54 | 1.62 | 1.94 | 1.96 | 1.95 | 1.66 | 1.37 | 1.55 | 1.33 | 1.56 | 1.64 | 1.61 | 1.63 | 1.35 |
| | 0.00 | 0.00 | 0.00 | -0.10 | 0.00 | 0.00 | 0.00 | -0.85 | 0.00 | -1.68 | -4.49 | -5.19 | -0.69 | -0.12 | -1.00 | -2.88 | -6.45 | -4.16 | -5.93 | -2.98 | -0.82 | 0.00 | 0.00 | 0.00 |
| GENESE | 12.77 | 12.30 | 12.40 | 12.40 | 11.78 | 11.64 | 12.05 | 14.53 | 15.57 | 15.48 | 13.49 | 13.35 | 15.74 | 15.93 | 15.81 | 13.72 | 11.85 | 12.87 | 16.84 | 13.12 | 13.90 | 14.67 | 15.86 | 13.84 |
| 61753 | -0.26 | -0.30 | -0.28 | -0.32 | -0.25 | -0.17 | -0.08 | -0.15 | -0.03 | -0.15 | -0.11 | -0.15 | -0.25 | -0.27 | -0.34 | -0.30 | -0.23 | -0.31 | -0.26 | -0.25 | -0.22 | -0.10 | -0.10 | 0.00 |
| | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | -0.11 | 0.00 | -0.22 | -0.58 | -0.13 | -0.03 | 0.00 | -0.05 | -0.28 | -0.70 | -0.49 | -6.15 | -0.46 | -0.13 | 0.00 | 0.00 | 0.00 |
| H Q | 12.72 | 12.33 | 12.38 | 12.43 | 11.76 | 11.56 | 11.78 | 14.16 | 15.14 | 14.95 | 12.61 | 12.92 | 15.45 | 15.68 | 15.60 | 13.32 | 11.02 | 12.30 | 10.62 | 12.51 | 13.57 | 14.34 | 15.57 | 13.53 |
| 61844 | -0.31 | -0.28 | -0.29 | -0.29 | -0.27 | -0.25 | -0.35 | -0.41 | -0.47 | -0.47 | -0.41 | -0.43 | -0.52 | -0.52 | -0.51 | -0.42 | -0.35 | -0.38 | -0.33 | -0.40 | -0.42 | -0.42 | -0.39 | -0.31 |
| | 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 |
| HUD VL | 14.31 | 13.81 | 13.89 | 14.04 | 13.15 | 12.90 | 13.36 | 16.92 | 17.23 | 18.72 | 18.84 | 17.70 | 18.17 | 18.08 | 18.53 | 17.57 | 18.04 | 17.70 | 17.99 | 17.29 | 16.36 | 16.30 | 17.48 | 15.11 |
| 61758 | 1.28 | 1.21 | 1.21 | 1.23 | 1.12 | 1.09 | 1.23 | 1.52 | 1.63 | 1.67 | 1.43 | 1.50 | 1.80 | 1.82 | 1.81 | 1.54 | 1.28 | 1.45 | 1.25 | 1.47 | 1.56 | 1.54 | 1.53 | 1.26 |
| | 0.00 | 0.00 | 0.00 | -0.10 | 0.00 | 0.00 | 0.00 | -0.83 | 0.00 | -1.64 | -4.39 | -2.84 | -0.41 | -0.06 | -0.61 | -2.29 | -5.38 | -3.57 | -5.79 | -2.91 | -0.80 | 0.00 | 0.00 | 0.00 |
| LONGIL | 22.28 | 27.04 | 14.73 | 15.28 | 28.82 | 16.15 | 13.83 | 17.31 | 17.52 | 19.09 | 19.37 | 20.87 | 19.03 | 18.55 | 19.45 | 18.65 | 19.62 | 18.79 | 18.53 | 52.03 | 73.17 | 25.99 | 18.01 | 15.62 |
| 61762 | 1.80 | 1.68 | 1.69 | 1.70 | 1.62 | 1.58 | 1.71 | 1.89 | 1.91 | 1.99 | 1.86 | 2.03 | 2.34 | 2.21 | 2.30 | 1.96 | 1.67 | 1.88 | 1.65 | 2.02 | 2.13 | 2.11 | 2.05 | 1.78 |
| | -7.45 | -12.75 | -0.37 | -0.85 | -15.17 | -2.76 | 0.00 | -0.85 | 0.00 | -1.68 | -4.49 | -5.48 | -0.73 | -0.13 | -1.05 | -2.95 | -6.58 | -4.23 | -5.93 | -37.11 | -57.04 | -9.12 | 0.00 | 0.00 |
| MHK VL | 13.50 | 13.05 | 13.15 | 13.22 | 12.51 | 12.28 | 12.72 | 15.48 | 16.40 | 16.50 | 14.52 | 14.16 | 16.68 | 16.87 | 16.83 | 14.68 | 12.82 | 13.87 | 12.67 | 14.05 | 14.73 | 15.36 | 16.57 | 14.33 |
| 61756 | 0.47 | 0.44 | 0.47 | 0.48 | 0.48 | 0.47 | 0.59 | 0.73 | 0.79 | 0.74 | 0.60 | 0.60 | 0.68 | 0.66 | 0.66 | 0.55 | 0.44 | 0.50 | 0.45 | 0.50 | 0.55 | 0.60 | 0.61 | 0.49 |
| | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | 0.00 | -0.18 | 0.00 | -0.34 | -0.90 | -0.21 | -0.04 | 0.00 | -0.06 | -0.40 | -1.01 | -0.69 | -1.27 | -0.64 | -0.18 | 0.00 | 0.00 | 0.00 |
| MILLWD | 14.41 | 13.90 | 13.97 | 14.12 | 13.22 | 12.97 | 13.45 | 17.05 | 17.35 | 18.89 | 19.06 | 17.81 | 18.32 | 18.23 | 18.67 | 17.73 | 18.27 | 17.91 | 18.22 | 17.46 | 16.47 | 16.39 | 17.61 | 15.19 |
| 61759 | 1.38 | 1.30 | 1.29 | 1.31 | 1.19 | 1.16 | 1.32 | 1.63 | 1.74 | 1.79 | 1.55 | 1.63 | 1.95 | 1.97 | 1.95 | 1.66 | 1.38 | 1.56 | 1.34 | 1.57 | 1.66 | 1.63 | 1.65 | 1.35 |
| | 0.00 | 0.00 | 0.00 | -0.10 | 0.00 | 0.00 | 0.00 | -0.85 | 0.00 | -1.68 | -4.49 | -2.82 | -0.41 | -0.05 | -0.61 | -2.33 | -5.52 | -3.67 | -5.93 | -2.98 | -0.82 | 0.00 | 0.00 | 0.00 |
| N.Y.C. | 14.45 | 13.93 | 14.00 | 14.15 | 13.26 | 13.01 | 13.48 | 17.09 | 17.37 | 18.94 | 19.08 | 20.49 | 18.68 | 18.35 | 19.15 | 18.39 | 19.35 | 18.49 | 18.24 | 17.47 | 16.50 | 16.41 | 17.64 | 15.25 |
| 61761 | 1.42 | 1.33 | 1.32 | 1.33 | 1.23 | 1.20 | 1.36 | 1.67 | 1.77 | 1.84 | 1.57 | 1.66 | 1.99 | 2.02 | 2.00 | 1.70 | 1.40 | 1.58 | 1.35 | 1.58 | 1.68 | 1.65 | 1.68 | 1.40 |
| | 0.00 | 0.00 | 0.00 | -0.10 | 0.00 | 0.00 | 0.00 | -0.85 | 0.00 | -1.68 | -4.49 | -5.47 | -0.73 | -0.13 | -1.05 | -2.95 | -6.57 | -4.22 | -5.93 | -2.98 | -0.82 | 0.00 | 0.00 | 0.00 |
| NORTH | 12.68 | 12.30 | 12.34 | 12.44 | 11.78 | 11.60 | 11.78 | 14.15 | 15.11 | 14.90 | 12.54 | 12.84 | 15.37 | 15.59 | 15.52 | 13.26 | 10.95 | 12.26 | 10.58 | 12.41 | 13.48 | 14.31 | 15.60 | 13.57 |
| 61755 | -0.35 | -0.30 | -0.33 | -0.28 | -0.25 | -0.21 | -0.35 | -0.43 | -0.49 | -0.51 | -0.48 | -0.52 | -0.59 | -0.61 | -0.58 | -0.48 | -0.43 | -0.43 | -0.37 | -0.50 | -0.52 | -0.45 | -0.36 | -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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NPX | 13.89 | 13.80 | 13.68 | 14.33 | 12.95 | 12.71 | 13.09 | 16.72 | 16.87 | 18.60 | 19.20 | 15.68 | 17.61 | 17.65 | 17.89 | 17.08 | 17.63 | 17.42 | 18.55 | 17.40 | 16.16 | 16.12 | 16.98 | 13.58 |
| 61845 | 1.02 | 1.01 | 1.00 | 1.04 | 0.93 | 0.90 | 0.96 | 1.19 | 1.26 | 1.29 | 1.10 | 1.15 | 1.43 | 1.45 | 1.45 | 1.24 | 1.02 | 1.14 | 0.99 | 1.17 | 1.25 | 1.23 | 1.23 | 1.02 |
| | 0.16 | -0.19 | 0.00 | -0.56 | 0.00 | 0.00 | 0.00 | -0.96 | 0.00 | -1.90 | -5.09 | -1.17 | -0.21 | 0.00 | -0.33 | -2.10 | -5.23 | -3.60 | -6.61 | -3.32 | -0.92 | -0.13 | 0.21 | 1.28 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|
| OH 61846 | 12.63 | 12.15 | 12.28 | 12.26 | 11.63 | 11.43 | 11.80 | 14.18 | 15.18 | 15.14 | 13.36 | 13.03 | 15.29 | 15.46 | 15.35 | 13.41 | 11.80 | 12.70 | -7.11 | 12.99 | 13.58 | 14.36 | 15.64 | 13.76 |
| | -0.39 | -0.45 | -0.40 | -0.48 | -0.40 | -0.38 | -0.32 | -0.55 | -0.42 | -0.58 | -0.46 | -0.51 | -0.71 | -0.74 | -0.82 | -0.72 | -0.55 | -0.65 | -0.51 | -0.53 | -0.58 | -0.41 | -0.31 | -0.09 |
| | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | 0.00 | -0.15 | 0.00 | -0.30 | -0.80 | -0.18 | -0.03 | 0.00 | -0.06 | -0.39 | -0.98 | -0.67 | 17.55 | -0.62 | -0.17 | 0.00 | 0.00 | 0.00 |
| PJM 61847 | 13.88 | 13.36 | 13.46 | 13.54 | 12.71 | 12.46 | 12.93 | 16.10 | 16.65 | 17.62 | 17.07 | 17.67 | 17.53 | 17.40 | 17.86 | 16.60 | 16.59 | 16.43 | 56.51 | 15.96 | 15.51 | 15.73 | 16.96 | 14.72 |
| | 0.85 | 0.76 | 0.78 | 0.75 | 0.69 | 0.64 | 0.81 | 0.93 | 1.05 | 1.04 | 0.91 | 0.96 | 1.12 | 1.12 | 1.10 | 0.89 | 0.75 | 0.87 | 0.81 | 0.94 | 0.93 | 0.97 | 1.00 | 0.87 |
| | 0.00 | 0.00 | 0.00 | -0.07 | 0.00 | 0.00 | 0.00 | -0.59 | 0.00 | -1.17 | -3.13 | -3.34 | -0.45 | -0.08 | -0.65 | -1.97 | -4.46 | -2.87 | -44.75 | -2.10 | -0.58 | 0.00 | 0.00 | 0.00 |
| WEST 61752 | 12.78 | 12.29 | 12.40 | 12.37 | 11.75 | 11.60 | 11.99 | 14.40 | 15.52 | 15.41 | 13.53 | 13.25 | 15.54 | 15.74 | 15.59 | 13.60 | 11.86 | 12.87 | 333.26 | 13.17 | 13.81 | 14.62 | 15.94 | 14.01 |
| | -0.24 | -0.32 | -0.28 | -0.37 | -0.28 | -0.21 | -0.14 | -0.30 | -0.09 | -0.26 | -0.19 | -0.27 | -0.45 | -0.46 | -0.57 | -0.49 | -0.37 | -0.44 | -0.33 | -0.33 | -0.35 | -0.14 | -0.02 | 0.17 |
| | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | 0.00 | -0.13 | 0.00 | -0.26 | -0.70 | -0.16 | -0.03 | 0.00 | -0.05 | -0.34 | -0.85 | -0.63 | -322.65 | -0.59 | -0.16 | 0.00 | 0.00 | 0.00 |