

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

02/24/2017

| 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 | 9.89 | 3.92 | 6.09 | 3.24 | 3.11 | 6.34 | 15.26 | 20.55 | 20.02 | 20.32 | 19.34 | 19.61 | 18.79 | 19.40 | 19.80 | 18.57 | 17.49 | 18.72 | 62.28 | 19.55 | 16.99 | 14.19 | 19.03 | 31.59 |
| 61757 | 0.50 | 0.20 | 0.33 | 0.17 | 0.18 | 0.36 | 0.83 | 1.14 | 1.06 | 1.06 | 0.97 | 1.00 | 0.91 | 0.93 | 0.99 | 0.92 | 0.93 | 1.07 | 3.47 | 1.08 | 0.93 | 0.79 | 0.63 | -0.75 |
| | 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 | -8.10 | -45.20 |
| CENTRL | 9.57 | 3.79 | 5.87 | 3.13 | 2.98 | 6.10 | 14.80 | 19.93 | 19.39 | 19.78 | 18.87 | 19.08 | 18.30 | 18.85 | 19.21 | 18.07 | 16.96 | 18.12 | 60.48 | 18.87 | 16.38 | 13.63 | 11.45 | -7.38 |
| 61754 | 0.18 | 0.07 | 0.11 | 0.06 | 0.05 | 0.12 | 0.37 | 0.52 | 0.42 | 0.52 | 0.50 | 0.47 | 0.43 | 0.38 | 0.40 | 0.42 | 0.40 | 0.47 | 1.67 | 0.40 | 0.31 | 0.23 | 0.14 | -0.15 |
| | 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 | -1.01 | -5.62 |
| DUNWOD | 10.16 | 4.03 | 6.23 | 3.31 | 3.17 | 6.48 | 15.80 | 21.30 | 20.79 | 21.21 | 20.31 | 20.64 | 19.78 | 20.42 | 20.83 | 19.57 | 18.37 | 19.65 | 65.41 | 20.52 | 17.83 | 14.85 | 17.43 | 19.82 |
| 61760 | 0.77 | 0.30 | 0.46 | 0.24 | 0.24 | 0.51 | 1.37 | 1.89 | 1.83 | 1.94 | 1.94 | 2.03 | 1.90 | 1.96 | 2.02 | 1.92 | 1.82 | 2.00 | 6.60 | 2.05 | 1.77 | 1.45 | 1.06 | -1.20 |
| | 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 | -6.07 | -33.87 |
| GENESE | 9.25 | 3.66 | 5.66 | 3.02 | 2.88 | 5.92 | 14.39 | 19.37 | 18.87 | 19.30 | 18.42 | 18.54 | 17.84 | 18.37 | 18.65 | 17.54 | 16.51 | 17.64 | 59.29 | 18.47 | 16.00 | 13.28 | 10.96 | -8.05 |
| 61753 | -0.14 | -0.06 | -0.10 | -0.05 | -0.05 | -0.05 | -0.04 | -0.04 | -0.09 | 0.04 | 0.05 | -0.07 | -0.04 | -0.09 | -0.16 | -0.11 | -0.05 | -0.01 | 0.47 | 0.00 | -0.06 | -0.12 | -0.17 | 0.14 |
| | 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 | -0.84 | -4.67 |
| H Q | 9.11 | 3.61 | 5.59 | 2.98 | 2.85 | 5.79 | 13.95 | 18.74 | 18.33 | 18.59 | 17.73 | 17.95 | 17.26 | 17.85 | 18.18 | 17.04 | 15.96 | 16.97 | 56.53 | 17.82 | 15.51 | 12.93 | 9.94 | -12.44 |
| 61844 | -0.28 | -0.11 | -0.17 | -0.09 | -0.09 | -0.18 | -0.48 | -0.67 | -0.63 | -0.67 | -0.64 | -0.66 | -0.61 | -0.62 | -0.63 | -0.61 | -0.60 | -0.68 | -2.28 | -0.65 | -0.56 | -0.46 | -0.35 | 0.41 |
| | 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 | 10.16 | 4.02 | 6.23 | 3.31 | 3.17 | 6.48 | 15.81 | 21.32 | 20.81 | 21.21 | 20.28 | 20.59 | 19.73 | 20.35 | 20.76 | 19.51 | 18.33 | 19.62 | 65.37 | 20.50 | 17.81 | 14.83 | 17.42 | 19.85 |
| 61758 | 0.77 | 0.30 | 0.46 | 0.24 | 0.24 | 0.50 | 1.38 | 1.91 | 1.84 | 1.95 | 1.90 | 1.98 | 1.86 | 1.88 | 1.95 | 1.86 | 1.78 | 1.97 | 6.55 | 2.03 | 1.75 | 1.43 | 1.05 | -1.19 |
| | 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 | -6.08 | -33.89 |
| LONGIL | 10.40 | 4.11 | 6.37 | 3.38 | 3.24 | 6.66 | 16.24 | 21.82 | 21.17 | 21.58 | 20.71 | 21.11 | 20.19 | 20.87 | 21.22 | 19.96 | 18.70 | 20.03 | 67.05 | 20.98 | 18.87 | 17.40 | 18.13 | 19.52 |
| 61762 | 1.01 | 0.39 | 0.60 | 0.31 | 0.31 | 0.68 | 1.81 | 2.41 | 2.20 | 2.32 | 2.34 | 2.50 | 2.32 | 2.41 | 2.41 | 2.31 | 2.14 | 2.38 | 8.24 | 2.50 | 2.30 | 1.92 | 1.34 | -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 | -0.51 | -2.08 | -6.50 | -33.88 |
| MHK VL | 9.61 | 3.81 | 5.90 | 3.14 | 3.00 | 6.13 | 14.86 | 20.02 | 19.53 | 19.87 | 18.95 | 19.19 | 18.43 | 19.00 | 19.32 | 18.13 | 16.99 | 18.13 | 60.52 | 18.94 | 16.44 | 13.68 | 11.50 | -7.34 |
| 61756 | 0.22 | 0.09 | 0.13 | 0.07 | 0.07 | 0.15 | 0.43 | 0.61 | 0.57 | 0.61 | 0.58 | 0.58 | 0.56 | 0.53 | 0.51 | 0.48 | 0.43 | 0.48 | 1.71 | 0.47 | 0.37 | 0.28 | 0.20 | -0.23 |
| | 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 | -1.01 | -5.74 |
| MILLWD | 10.15 | 4.02 | 6.22 | 3.31 | 3.17 | 6.47 | 15.79 | 21.30 | 20.79 | 21.19 | 20.28 | 20.61 | 19.75 | 20.39 | 20.81 | 19.54 | 18.35 | 19.64 | 65.38 | 20.51 | 17.82 | 14.84 | 17.47 | 20.09 |
| 61759 | 0.76 | 0.30 | 0.46 | 0.24 | 0.23 | 0.50 | 1.36 | 1.89 | 1.82 | 1.93 | 1.91 | 2.00 | 1.88 | 1.92 | 1.99 | 1.89 | 1.79 | 1.99 | 6.57 | 2.04 | 1.76 | 1.44 | 1.05 | -1.19 |
| | 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 | -6.12 | -34.13 |
| N.Y.C. | 10.23 | 4.05 | 6.27 | 3.34 | 3.19 | 6.53 | 15.93 | 21.49 | 21.00 | 21.40 | 20.49 | 20.83 | 19.96 | 20.75 | 21.04 | 19.76 | 18.54 | 19.82 | 65.85 | 20.70 | 17.98 | 14.98 | 17.52 | 19.76 |
| 61761 | 0.84 | 0.33 | 0.51 | 0.27 | 0.26 | 0.56 | 1.50 | 2.08 | 2.04 | 2.14 | 2.12 | 2.22 | 2.08 | 2.16 | 2.23 | 2.11 | 1.99 | 2.18 | 7.04 | 2.23 | 1.92 | 1.58 | 1.15 | -1.27 |
| | 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 | -0.13 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.07 | -33.87 |
| NORTH | 9.06 | 3.59 | 5.57 | 2.97 | 2.84 | 5.77 | 13.87 | 18.64 | 18.24 | 18.50 | 17.62 | 17.83 | 17.17 | 17.74 | 18.07 | 16.88 | 15.72 | 16.71 | 55.65 | 17.61 | 15.34 | 12.81 | 9.84 | -12.38 |
| 61755 | -0.33 | -0.13 | -0.19 | -0.10 | -0.10 | -0.21 | -0.56 | -0.77 | -0.72 | -0.76 | -0.75 | -0.78 | -0.71 | -0.72 | -0.74 | -0.76 | -0.84 | -0.94 | -3.17 | -0.86 | -0.72 | -0.59 | -0.45 | 0.47 |
| | 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 | 10.32 | 3.82 | 6.58 | 2.65 | 3.72 | 5.52 | 15.21 | 20.89 | 19.89 | 20.64 | 19.29 | 19.77 | 18.97 | 19.60 | 19.92 | 18.78 | 17.69 | 18.95 | 62.97 | 19.75 | 17.19 | 14.35 | 18.19 | 26.88 |
| 61845 | 0.53 | 0.21 | 0.34 | 0.18 | 0.19 | 0.38 | 0.90 | 1.26 | 1.16 | 1.20 | 1.13 | 1.19 | 1.10 | 1.13 | 1.21 | 1.13 | 1.13 | 1.30 | 4.16 | 1.29 | 1.13 | 0.95 | 0.71 | -0.85 |
| | -0.39 | 0.12 | -0.47 | 0.60 | -0.60 | 0.83 | 0.12 | -0.22 | 0.23 | -0.18 | 0.22 | 0.03 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | -7.19 | -40.58 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|--|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|
| O H 61846 | 9.10 -0.29 0.00 | 3.61 -0.11 0.00 | 5.84 -0.17 -0.24 | 2.99 -0.08 0.00 | 2.84 -0.10 0.00 | 5.83 -0.15 0.00 | 14.07 -0.36 0.00 | 18.91 -0.50 0.00 | 18.34 -0.62 0.00 | 18.82 -0.44 0.00 | 17.93 -0.44 0.00 | 18.05 -0.56 0.00 | 17.41 -0.46 0.00 | 17.94 -0.53 0.00 | 18.17 -0.64 0.00 | 17.11 -0.54 0.00 | 16.12 -0.44 0.00 | 17.24 -0.41 0.00 | 58.14 -0.67 0.00 | 18.05 -0.42 0.00 | 15.67 -0.40 0.00 | 13.00 -0.40 0.00 | 11.01 -0.37 -1.09 | -6.40 0.40 -6.06 |
| PJM 61847 | 9.68 0.29 0.00 | 3.85 0.13 0.00 | 5.96 0.20 0.00 | 3.17 0.10 0.00 | 3.02 0.09 0.00 | 6.18 0.21 0.00 | 15.02 0.59 0.00 | 20.25 0.84 0.00 | 19.70 0.74 0.00 | 20.16 0.89 0.00 | 19.26 0.88 0.00 | 19.50 0.89 0.00 | 18.71 0.84 0.00 | 19.29 0.83 0.00 | 19.64 0.82 0.00 | 18.48 0.83 0.00 | 17.34 0.79 0.00 | 18.56 0.91 0.00 | 62.11 3.29 0.00 | 19.37 0.90 0.00 | 16.83 0.77 0.00 | 13.99 0.59 0.00 | 14.13 0.42 -3.42 | 5.83 -0.40 -19.08 |
| WEST 61752 | 9.21 -0.18 0.00 | 3.65 -0.07 0.00 | 5.65 -0.11 0.00 | 3.02 -0.05 0.00 | 2.87 -0.07 0.00 | 5.90 -0.08 0.00 | 14.28 -0.15 0.00 | 19.21 -0.20 0.00 | 18.66 -0.30 0.00 | 19.15 -0.11 0.00 | 18.25 -0.12 0.00 | 18.34 -0.27 0.00 | 17.67 -0.20 0.00 | 18.18 -0.28 0.00 | 18.41 -0.41 0.00 | 17.33 -0.31 0.00 | 16.35 -0.21 0.00 | 17.49 -0.15 0.00 | 59.08 0.26 0.00 | 18.34 -0.13 0.00 | 15.91 -0.15 0.00 | 13.18 -0.22 0.00 | 11.07 -0.27 -1.05 | -6.79 0.23 -5.83 |