

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

11/04/2019

| 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 | 11.86 | 14.47 | 14.58 | 12.64 | 13.93 | 16.41 | 24.53 | 23.42 | 19.53 | 20.25 | 20.25 | 18.32 | 17.47 | 16.79 | 20.16 | 19.85 | 18.88 | 24.30 | 23.62 | 22.06 | 18.10 | 16.35 | 17.49 | 10.36 |
| 61757 | 0.74 | 0.92 | 0.90 | 0.78 | 0.94 | 1.21 | 1.83 | 1.71 | 1.44 | 1.40 | 1.42 | 1.31 | 1.28 | 1.23 | 1.52 | 1.53 | 1.43 | 1.77 | 1.71 | 1.61 | 1.34 | 1.15 | 0.64 | 0.46 |
| | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.71 | -1.30 | -1.25 | -0.21 | 0.00 | -8.11 | -3.24 |
| CENTRL | 11.36 | 13.80 | 13.93 | 12.07 | 13.25 | 15.48 | 23.22 | 22.18 | 18.41 | 19.26 | 19.27 | 17.43 | 16.57 | 15.94 | 19.06 | 18.71 | 17.88 | 21.41 | 21.15 | 19.70 | 16.94 | 15.47 | 9.90 | 7.16 |
| 61754 | 0.24 | 0.25 | 0.26 | 0.21 | 0.26 | 0.28 | 0.52 | 0.47 | 0.32 | 0.41 | 0.44 | 0.42 | 0.37 | 0.38 | 0.43 | 0.39 | 0.42 | 0.51 | 0.55 | 0.49 | 0.36 | 0.27 | 0.13 | 0.10 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.09 | 0.00 | 0.00 | -0.03 | 0.00 | -1.03 | -0.41 |
| DUNWOD | 11.96 | 14.58 | 14.66 | 12.70 | 13.98 | 16.44 | 24.79 | 23.88 | 19.86 | 20.65 | 20.68 | 18.73 | 17.81 | 17.13 | 20.54 | 20.25 | 19.34 | 23.60 | 22.82 | 21.29 | 18.47 | 16.75 | 15.52 | 9.66 |
| 61760 | 0.83 | 1.03 | 0.98 | 0.84 | 0.99 | 1.24 | 2.10 | 2.17 | 1.78 | 1.80 | 1.85 | 1.72 | 1.62 | 1.57 | 1.91 | 1.93 | 1.89 | 2.27 | 2.22 | 2.08 | 1.76 | 1.55 | 0.83 | 0.63 |
| | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.51 | 0.00 | 0.00 | -0.16 | 0.00 | -5.95 | -2.38 |
| GENESE | 11.11 | 13.42 | 13.53 | 11.72 | 12.94 | 15.09 | 22.61 | 21.38 | 18.01 | 18.88 | 18.87 | 17.05 | 16.21 | 15.59 | 18.61 | 18.27 | 17.49 | 20.97 | 20.74 | 19.26 | 16.49 | 15.03 | 9.35 | 6.84 |
| 61753 | -0.02 | -0.12 | -0.14 | -0.14 | -0.05 | -0.11 | -0.03 | -0.06 | -0.08 | 0.03 | 0.03 | 0.04 | 0.02 | 0.03 | -0.03 | -0.05 | 0.04 | 0.09 | 0.14 | 0.05 | -0.08 | -0.17 | -0.16 | -0.11 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.07 | 0.00 | 0.00 | -0.02 | 0.00 | -0.76 | -0.30 |
| H Q | 10.79 | 13.15 | 13.28 | 11.53 | 12.59 | 14.74 | 21.81 | 21.00 | 17.52 | 18.28 | 18.24 | 16.45 | 15.67 | 15.05 | 18.00 | 17.69 | 16.83 | 16.60 | 15.37 | 14.23 | 15.97 | 14.69 | 8.47 | 6.44 |
| 61844 | -0.33 | -0.40 | -0.39 | -0.33 | -0.40 | -0.46 | -0.72 | -0.71 | -0.57 | -0.57 | -0.60 | -0.56 | -0.52 | -0.51 | -0.63 | -0.63 | -0.63 | -0.79 | -0.79 | -0.74 | -0.58 | -0.51 | -0.28 | -0.21 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.43 | 4.45 | 4.25 | 0.00 | 0.00 | 0.00 | 0.00 |
| HUD VL | 11.91 | 14.51 | 14.61 | 12.67 | 13.93 | 16.37 | 24.68 | 23.76 | 19.78 | 20.59 | 20.59 | 18.64 | 17.71 | 17.05 | 20.40 | 20.10 | 19.19 | 23.44 | 22.68 | 21.18 | 18.36 | 16.63 | 15.40 | 9.59 |
| 61758 | 0.78 | 0.96 | 0.93 | 0.80 | 0.94 | 1.17 | 1.98 | 2.05 | 1.69 | 1.74 | 1.76 | 1.62 | 1.52 | 1.49 | 1.77 | 1.78 | 1.74 | 2.11 | 2.08 | 1.97 | 1.65 | 1.43 | 0.76 | 0.58 |
| | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.51 | 0.00 | 0.00 | -0.15 | 0.00 | -5.89 | -2.36 |
| LONGIL | 11.96 | 14.80 | 14.66 | 12.68 | 14.23 | 16.43 | 25.08 | 24.39 | 20.12 | 20.82 | 20.93 | 19.16 | 18.12 | 17.40 | 23.16 | 20.87 | 19.49 | 23.82 | 23.03 | 21.40 | 18.63 | 17.04 | 15.80 | 9.86 |
| 61762 | 0.84 | 1.25 | 0.99 | 0.82 | 1.24 | 1.24 | 2.38 | 2.68 | 2.03 | 1.97 | 2.10 | 2.14 | 1.92 | 1.84 | 2.37 | 2.34 | 2.04 | 2.49 | 2.43 | 2.19 | 1.92 | 1.84 | 1.11 | 0.83 |
| | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.17 | -0.21 | 0.00 | -0.51 | 0.00 | 0.00 | -0.16 | 0.00 | -5.95 | -2.38 |
| MHK VL | 11.31 | 13.76 | 13.88 | 12.07 | 13.23 | 15.52 | 23.33 | 22.38 | 18.59 | 19.38 | 19.34 | 17.44 | 16.59 | 15.90 | 19.02 | 18.69 | 17.83 | 20.91 | 20.47 | 19.04 | 16.93 | 15.45 | 9.88 | 7.13 |
| 61756 | 0.18 | 0.21 | 0.21 | 0.21 | 0.24 | 0.32 | 0.64 | 0.67 | 0.50 | 0.52 | 0.51 | 0.43 | 0.39 | 0.34 | 0.38 | 0.37 | 0.38 | 0.52 | 0.53 | 0.46 | 0.35 | 0.25 | 0.12 | 0.08 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.66 | 0.64 | -0.03 | 0.00 | -1.01 | -0.40 |
| MILLWD | 11.94 | 14.55 | 14.63 | 12.69 | 13.96 | 16.41 | 24.77 | 23.85 | 19.84 | 20.62 | 20.62 | 18.67 | 17.75 | 17.08 | 20.48 | 20.18 | 19.28 | 23.55 | 22.78 | 21.25 | 18.43 | 16.70 | 15.55 | 9.66 |
| 61759 | 0.81 | 1.00 | 0.96 | 0.82 | 0.97 | 1.22 | 2.07 | 2.14 | 1.75 | 1.76 | 1.79 | 1.66 | 1.55 | 1.51 | 1.84 | 1.86 | 1.83 | 2.21 | 2.18 | 2.04 | 1.72 | 1.51 | 0.81 | 0.61 |
| | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.52 | 0.00 | 0.00 | -0.16 | 0.00 | -6.00 | -2.40 |
| N.Y.C. | 12.05 | 14.68 | 14.75 | 12.79 | 14.07 | 16.54 | 24.97 | 24.06 | 20.03 | 20.84 | 20.86 | 18.91 | 17.98 | 17.31 | 20.74 | 20.45 | 19.53 | 23.79 | 22.99 | 21.46 | 18.62 | 16.90 | 15.61 | 9.74 |
| 61761 | 0.92 | 1.13 | 1.07 | 0.92 | 1.08 | 1.34 | 2.27 | 2.36 | 1.94 | 1.99 | 2.03 | 1.90 | 1.79 | 1.74 | 2.11 | 2.12 | 2.08 | 2.46 | 2.39 | 2.26 | 1.91 | 1.70 | 0.91 | 0.71 |
| | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.51 | 0.00 | 0.00 | -0.16 | 0.00 | -5.95 | -2.38 |
| NORTH | 10.46 | 12.77 | 12.93 | 11.27 | 12.25 | 14.35 | 21.43 | 20.52 | 17.17 | 17.94 | 17.83 | 16.06 | 15.34 | 14.70 | 17.54 | 17.16 | 16.26 | 11.52 | 9.01 | 8.16 | 15.40 | 14.11 | 8.14 | 6.20 |
| 61755 | -0.66 | -0.78 | -0.74 | -0.59 | -0.74 | -0.85 | -1.27 | -1.19 | -0.92 | -0.91 | -1.01 | -0.96 | -0.85 | -0.86 | -1.09 | -1.16 | -1.19 | -1.59 | -1.62 | -1.52 | -1.15 | -1.09 | -0.61 | -0.45 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.71 | 9.98 | 9.53 | 0.00 | 0.00 | 0.00 | 0.00 |
| NPX | 11.55 | 14.43 | 14.53 | 12.60 | 13.78 | 16.36 | 23.91 | 23.35 | 19.56 | 20.26 | 20.25 | 18.33 | 17.43 | 16.75 | 20.12 | 19.81 | 18.89 | 23.74 | 23.10 | 21.55 | 18.17 | 16.46 | 16.31 | 9.85 |
| 61845 | 0.71 | 0.88 | 0.85 | 0.74 | 0.90 | 1.12 | 1.67 | 1.64 | 1.44 | 1.41 | 1.42 | 1.32 | 1.24 | 1.19 | 1.49 | 1.49 | 1.44 | 1.76 | 1.76 | 1.68 | 1.43 | 1.26 | 0.68 | 0.51 |
| | 0.28 | -0.01 | 0.00 | 0.00 | 0.10 | -0.04 | 0.45 | 0.00 | -0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.16 | -0.73 | -0.66 | -0.18 | 0.00 | -6.88 | -2.69 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 11.01 | 13.28 | 13.41 | 11.60 | 12.83 | 14.86 | 22.22 | 21.12 | 17.49 | 18.41 | 18.42 | 16.72 | 15.89 | 15.32 | 18.27 | 17.90 | 17.12 | 20.39 | 20.23 | 18.79 | 16.10 | 14.66 | 9.36 | 6.80 |
| | -0.11 | -0.26 | -0.26 | -0.26 | -0.16 | -0.34 | -0.48 | -0.59 | -0.60 | -0.44 | -0.41 | -0.29 | -0.30 | -0.25 | -0.36 | -0.42 | -0.33 | -0.52 | -0.37 | -0.42 | -0.48 | -0.53 | -0.38 | -0.25 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.09 | 0.00 | 0.00 | -0.03 | 0.00 | -0.99 | -0.40 |
| PJM 61847 | 11.41 | 13.84 | 14.00 | 12.12 | 13.33 | 15.50 | 23.17 | 22.58 | 18.24 | 19.21 | 19.30 | 17.57 | 16.66 | 16.03 | 19.22 | 18.80 | 18.29 | 21.15 | 22.79 | 19.86 | 17.10 | 15.54 | 11.09 | 7.59 |
| | 0.28 | 0.30 | 0.33 | 0.25 | 0.34 | 0.31 | 0.56 | 0.42 | 0.16 | 0.37 | 0.48 | 0.56 | 0.47 | 0.52 | 0.59 | 0.49 | 0.54 | 0.45 | 0.66 | 0.66 | 0.49 | 0.36 | 0.12 | 0.11 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | -0.45 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.01 | -0.31 | 0.13 | -1.54 | 0.01 | -0.06 | 0.02 | -2.22 | -0.84 |
| WEST 61752 | 11.20 | 13.48 | 13.61 | 11.76 | 13.00 | 15.08 | 22.80 | 22.30 | 17.82 | 18.79 | 18.81 | 17.06 | 16.19 | 15.63 | 18.63 | 18.25 | 17.47 | 20.82 | 20.69 | 19.21 | 16.45 | 14.96 | 9.51 | 6.90 |
| | 0.07 | -0.07 | -0.07 | -0.10 | 0.02 | -0.12 | -0.08 | -0.20 | -0.27 | -0.06 | -0.02 | 0.05 | 0.00 | 0.07 | -0.01 | -0.07 | 0.02 | -0.08 | 0.09 | -0.01 | -0.14 | -0.23 | -0.23 | -0.14 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.17 | -0.79 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.09 | 0.00 | 0.00 | -0.03 | 0.00 | -0.99 | -0.40 |