

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

05/20/2020

| 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 | 9.76 | 7.83 | 7.40 | 6.66 | 5.44 | 5.18 | 2.02 | 5.75 | 12.70 | 13.47 | 13.74 | 15.66 | 9.11 | 8.74 | 12.28 | 12.07 | 8.96 | 14.57 | 20.05 | 16.91 | 15.24 | 17.56 | 15.04 | 14.81 |
| 61757 | 0.57 | 0.44 | 0.42 | 0.39 | 0.32 | 0.30 | 0.12 | 0.36 | 0.76 | 0.82 | 0.85 | 0.87 | 0.50 | 0.48 | 0.67 | 0.71 | 0.54 | 0.97 | 1.35 | 1.12 | 1.01 | 1.16 | 0.93 | 0.86 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.31 | -0.46 | -0.02 | 0.00 | 0.00 | -0.46 | 0.00 | 0.00 | -0.79 |
| CENTRL | 9.10 | 7.31 | 6.91 | 6.21 | 5.06 | 4.83 | 1.88 | 5.34 | 11.77 | 12.47 | 12.73 | 14.66 | 8.54 | 8.19 | 11.84 | 11.18 | 7.81 | 13.52 | 18.64 | 15.72 | 13.81 | 16.38 | 14.00 | 13.12 |
| 61754 | -0.09 | -0.08 | -0.08 | -0.07 | -0.06 | -0.04 | -0.01 | -0.05 | -0.16 | -0.18 | -0.16 | -0.13 | -0.07 | -0.07 | -0.07 | -0.08 | -0.05 | -0.07 | -0.06 | -0.07 | -0.02 | -0.02 | -0.10 | -0.09 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.30 | -0.21 | 0.10 | -0.01 | 0.00 | 0.00 | -0.06 | 0.00 | 0.00 | -0.05 |
| DUNWOD | 10.15 | 8.15 | 7.66 | 6.89 | 5.63 | 5.34 | 2.08 | 5.95 | 13.14 | 13.96 | 14.25 | 16.26 | 9.45 | 9.09 | 12.76 | 15.11 | 15.57 | 14.94 | 20.50 | 17.32 | 15.48 | 17.99 | 15.46 | 14.76 |
| 61760 | 0.96 | 0.76 | 0.68 | 0.61 | 0.50 | 0.46 | 0.18 | 0.55 | 1.21 | 1.31 | 1.36 | 1.47 | 0.85 | 0.83 | 1.15 | 1.20 | 0.85 | 1.35 | 1.80 | 1.54 | 1.38 | 1.59 | 1.35 | 1.31 |
| | 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 | -2.86 | -6.77 | -0.01 | 0.00 | 0.00 | -0.33 | 0.00 | 0.00 | -0.28 |
| GENESE | 8.87 | 7.14 | 6.75 | 6.07 | 4.95 | 4.75 | 1.85 | 5.21 | 11.41 | 12.07 | 12.34 | 14.26 | 8.28 | 7.95 | 11.52 | 10.88 | 7.62 | 13.08 | 18.08 | 15.22 | 13.35 | 15.86 | 13.50 | 12.66 |
| 61753 | -0.32 | -0.24 | -0.23 | -0.20 | -0.17 | -0.12 | -0.05 | -0.19 | -0.52 | -0.59 | -0.55 | -0.54 | -0.32 | -0.31 | -0.41 | -0.41 | -0.28 | -0.52 | -0.62 | -0.56 | -0.47 | -0.54 | -0.60 | -0.53 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.32 | -0.24 | 0.06 | -0.01 | 0.00 | 0.00 | -0.04 | 0.00 | 0.00 | -0.04 |
| H Q | 9.02 | 7.25 | 6.86 | 6.17 | 5.04 | 4.80 | 1.86 | 5.28 | 11.72 | 12.42 | 12.63 | 14.52 | 8.44 | 8.09 | 11.33 | 9.94 | 7.63 | 13.23 | 18.23 | 15.39 | 13.41 | 16.00 | 13.92 | 10.26 |
| 61844 | -0.17 | -0.13 | -0.12 | -0.11 | -0.09 | -0.08 | -0.03 | -0.11 | -0.21 | -0.23 | -0.26 | -0.27 | -0.16 | -0.16 | -0.23 | -0.26 | -0.19 | -0.34 | -0.47 | -0.39 | -0.36 | -0.40 | -0.30 | -0.29 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.85 | 0.14 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.11 | 2.60 |
| HUD VL | 10.07 | 8.08 | 7.60 | 6.84 | 5.58 | 5.30 | 2.07 | 5.91 | 13.05 | 13.86 | 14.13 | 16.14 | 9.38 | 9.02 | 12.66 | 14.44 | 14.16 | 14.82 | 20.35 | 17.21 | 15.38 | 17.86 | 15.33 | 14.62 |
| 61758 | 0.88 | 0.70 | 0.62 | 0.56 | 0.46 | 0.42 | 0.17 | 0.51 | 1.12 | 1.20 | 1.24 | 1.35 | 0.77 | 0.76 | 1.06 | 1.10 | 0.77 | 1.23 | 1.65 | 1.42 | 1.27 | 1.45 | 1.23 | 1.18 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.30 | -5.43 | -0.01 | 0.00 | 0.00 | -0.33 | 0.00 | 0.00 | -0.28 |
| LONGIL | 16.45 | 18.47 | 7.76 | 6.99 | 6.73 | 6.26 | 2.10 | 5.99 | 13.20 | 14.02 | 14.36 | 16.31 | 9.92 | 9.59 | 13.13 | 15.26 | 15.76 | 18.77 | 22.32 | 60.79 | 18.27 | 18.14 | 15.54 | 14.98 |
| 61762 | 1.10 | 0.87 | 0.78 | 0.72 | 0.59 | 0.54 | 0.21 | 0.60 | 1.27 | 1.37 | 1.47 | 1.52 | 0.89 | 0.90 | 1.24 | 1.30 | 0.92 | 1.52 | 2.06 | 1.78 | 1.52 | 1.74 | 1.44 | 1.42 |
| | -6.16 | -10.21 | 0.00 | 0.00 | -1.02 | -0.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.42 | -0.44 | -0.29 | -2.92 | -6.88 | -3.68 | -1.56 | -43.22 | -2.97 | 0.00 | 0.00 | -0.40 |
| MHK VL | 9.31 | 7.46 | 7.06 | 6.35 | 5.18 | 4.95 | 1.93 | 5.51 | 12.19 | 12.92 | 13.15 | 15.08 | 8.77 | 8.41 | 11.80 | 10.92 | 8.32 | 13.87 | 19.16 | 16.19 | 14.20 | 16.84 | 14.42 | 12.06 |
| 61756 | 0.12 | 0.08 | 0.08 | 0.07 | 0.06 | 0.08 | 0.04 | 0.12 | 0.27 | 0.27 | 0.26 | 0.29 | 0.16 | 0.16 | 0.22 | 0.20 | 0.16 | 0.30 | 0.46 | 0.40 | 0.37 | 0.44 | 0.32 | 0.24 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.33 | -0.21 | 0.01 | 0.00 | 0.00 | -0.06 | 0.00 | 0.00 | 1.33 |
| MILLWD | 10.12 | 8.12 | 7.64 | 6.87 | 5.61 | 5.32 | 2.07 | 5.93 | 13.10 | 13.93 | 14.21 | 16.22 | 9.42 | 9.06 | 12.72 | 14.94 | 15.24 | 14.91 | 20.46 | 17.29 | 15.45 | 17.94 | 15.41 | 14.72 |
| 61759 | 0.93 | 0.74 | 0.66 | 0.59 | 0.48 | 0.44 | 0.18 | 0.54 | 1.18 | 1.27 | 1.32 | 1.42 | 0.82 | 0.81 | 1.12 | 1.16 | 0.82 | 1.32 | 1.76 | 1.50 | 1.34 | 1.54 | 1.31 | 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 | 0.00 | 0.00 | -2.73 | -6.46 | -0.01 | 0.00 | 0.00 | -0.34 | 0.00 | 0.00 | -0.29 |
| N.Y.C. | 10.23 | 8.20 | 7.71 | 6.93 | 5.66 | 5.37 | 2.09 | 5.98 | 13.23 | 14.05 | 14.32 | 16.35 | 9.50 | 9.15 | 12.83 | 15.19 | 15.62 | 15.02 | 20.59 | 17.40 | 15.56 | 18.08 | 15.57 | 14.89 |
| 61761 | 1.04 | 0.82 | 0.73 | 0.66 | 0.53 | 0.49 | 0.20 | 0.58 | 1.30 | 1.40 | 1.43 | 1.55 | 0.90 | 0.89 | 1.23 | 1.28 | 0.89 | 1.43 | 1.89 | 1.62 | 1.46 | 1.68 | 1.46 | 1.44 |
| | 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 | 0.00 | -2.86 | -6.77 | -0.01 | 0.00 | 0.00 | -0.33 | 0.00 | 0.00 | -0.28 |
| NORTH | 8.94 | 7.20 | 6.82 | 6.13 | 5.00 | 4.77 | 1.85 | 5.26 | 11.65 | 12.35 | 12.55 | 14.44 | 8.39 | 8.05 | 11.13 | 7.42 | 7.18 | 13.12 | 18.17 | 15.35 | 13.37 | 15.93 | 13.72 | 2.57 |
| 61755 | -0.24 | -0.18 | -0.16 | -0.15 | -0.12 | -0.10 | -0.05 | -0.14 | -0.28 | -0.30 | -0.34 | -0.35 | -0.21 | -0.21 | -0.31 | -0.32 | -0.23 | -0.40 | -0.53 | -0.44 | -0.40 | -0.47 | -0.38 | -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 | 0.16 | 3.31 | 0.54 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.13 |
| NPX | 13.47 | 10.78 | 11.17 | 10.50 | 10.08 | 10.21 | 5.86 | 11.78 | 14.73 | 13.83 | 14.12 | 16.02 | 9.29 | 8.91 | 12.52 | 14.39 | 14.21 | 15.68 | 23.96 | 19.37 | 19.05 | 22.75 | 17.93 | 15.80 |
| 61845 | 0.86 | 0.69 | 0.62 | 0.57 | 0.46 | 0.43 | 0.17 | 0.51 | 1.12 | 1.18 | 1.21 | 1.23 | 0.68 | 0.65 | 0.92 | 0.99 | 0.71 | 1.25 | 1.65 | 1.39 | 1.24 | 1.46 | 1.23 | 1.18 |
| | -3.43 | -2.71 | -3.57 | -3.66 | -4.49 | -4.90 | -3.79 | -5.87 | -1.69 | 0.00 | -0.02 | 0.00 | 0.00 | 0.00 | 0.00 | -2.34 | -5.54 | -0.84 | -3.61 | -2.19 | -4.04 | -4.89 | -2.61 | -1.46 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 8.27 | 6.69 | 6.33 | 5.69 | 4.64 | 4.47 | 1.73 | 4.82 | 4.25 | 11.12 | 11.41 | 13.23 | 7.67 | 7.36 | 2.76 | 6.73 | 5.59 | 11.92 | 16.69 | 14.02 | 12.32 | 14.65 | 12.46 | 11.75 |
| | -0.92 | -0.70 | -0.65 | -0.58 | -0.48 | -0.41 | -0.17 | -0.57 | -1.44 | -1.54 | -1.48 | -1.56 | -0.93 | -0.89 | -1.20 | -1.18 | -0.84 | -1.54 | -2.01 | -1.77 | -1.50 | -1.76 | -1.63 | -1.45 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.65 | 3.15 | 1.53 | 0.12 | 0.00 | 0.00 | -0.05 | 0.00 | 0.01 | -0.04 |
| PJM 61847 | 8.97 | 7.21 | 6.81 | 6.11 | 4.98 | 4.76 | 1.85 | 5.23 | 11.47 | 12.18 | 12.46 | 14.36 | 8.34 | 8.01 | 13.23 | 13.08 | 9.90 | 13.17 | 18.06 | 15.18 | 13.39 | 15.86 | 13.67 | 12.78 |
| | -0.22 | -0.18 | -0.17 | -0.16 | -0.15 | -0.12 | -0.05 | -0.17 | -0.46 | -0.48 | -0.43 | -0.43 | -0.27 | -0.25 | -0.30 | -0.29 | -0.22 | -0.48 | -0.64 | -0.61 | -0.51 | -0.55 | -0.55 | -0.48 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.92 | -2.31 | -2.16 | -0.07 | 0.00 | 0.00 | -0.13 | 0.00 | -0.12 | -0.11 |
| WEST 61752 | 8.47 | 6.83 | 6.46 | 5.81 | 4.73 | 4.55 | 1.76 | 4.93 | 10.75 | 11.41 | 11.71 | 13.58 | 7.89 | 7.58 | 16.85 | 15.88 | 9.94 | 12.60 | 17.12 | 14.38 | 12.64 | 15.05 | 12.80 | 12.02 |
| | -0.72 | -0.55 | -0.52 | -0.47 | -0.40 | -0.33 | -0.14 | -0.46 | -1.18 | -1.24 | -1.19 | -1.22 | -0.72 | -0.68 | -0.89 | -0.89 | -0.64 | -1.21 | -1.58 | -1.40 | -1.19 | -1.36 | -1.32 | -1.19 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.13 | -5.72 | -2.62 | -0.23 | 0.00 | 0.00 | -0.06 | 0.00 | -0.01 | -0.05 |