

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

11/16/2020

| 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 | 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 | 24.67 | 25.21 | 24.42 | 24.28 | 22.15 | 25.17 | 23.89 | 27.28 | 25.58 | 22.16 | 30.67 | 28.14 | 30.06 | 31.99 | 38.05 | 50.08 | 42.26 | 69.82 | 51.69 | 51.80 | 38.60 | 40.57 | 33.22 | 32.41 |
| 61757 | 0.21 | -0.11 | -0.06 | -0.12 | -0.07 | 0.15 | 0.10 | 0.50 | 0.17 | 0.87 | 0.20 | 0.81 | 0.11 | 0.06 | 0.07 | -0.14 | -0.26 | -0.12 | -0.05 | 1.80 | 0.75 | 0.45 | 0.37 | 0.29 |
| | -19.78 | -28.08 | -25.94 | -27.02 | -23.82 | -21.76 | -21.79 | -17.57 | -22.22 | -5.10 | -26.68 | -12.17 | -27.97 | -30.75 | -36.63 | -53.14 | -47.44 | -72.19 | -52.59 | -16.29 | -23.16 | -30.91 | -25.04 | -25.88 |
| CENTRL | 7.05 | 0.58 | 1.60 | 0.55 | 1.20 | 5.86 | 4.72 | 11.56 | 6.08 | 16.90 | 7.27 | 16.78 | 5.61 | 5.15 | 6.09 | 3.95 | 1.07 | 6.59 | 5.53 | 35.77 | 17.55 | 12.96 | 10.83 | 9.35 |
| 61754 | 0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.03 | 0.02 | 0.07 | 0.01 | 0.06 | 0.01 | 0.04 | 0.01 | 0.00 | 0.00 | -0.01 | -0.02 | -0.01 | 0.00 | 0.09 | 0.08 | 0.04 | 0.00 | 0.00 |
| | -2.37 | -3.35 | -3.06 | -3.18 | -2.80 | -2.56 | -2.69 | -2.28 | -2.88 | -0.66 | -3.47 | -1.58 | -3.61 | -3.97 | -4.74 | -6.88 | -6.00 | -8.85 | -6.38 | -1.96 | -2.79 | -3.72 | -3.02 | -3.11 |
| DUNWOD | 19.22 | 17.37 | 17.19 | 16.73 | 15.50 | 19.14 | 17.82 | 22.33 | 19.33 | 20.77 | 23.21 | 24.87 | 22.24 | 23.40 | 27.84 | 35.20 | 29.07 | 49.70 | 37.01 | 47.37 | 32.28 | 32.04 | 26.36 | 25.29 |
| 61760 | 0.26 | -0.14 | -0.07 | -0.12 | -0.07 | 0.19 | 0.10 | 0.51 | 0.18 | 0.91 | 0.23 | 0.97 | 0.13 | 0.07 | 0.08 | -0.18 | -0.28 | -0.13 | -0.04 | 1.90 | 0.89 | 0.55 | 0.48 | 0.38 |
| | -14.28 | -20.27 | -18.71 | -19.47 | -17.17 | -15.69 | -15.71 | -12.61 | -15.96 | -3.67 | -19.18 | -8.75 | -20.12 | -22.14 | -26.41 | -38.30 | -34.27 | -52.09 | -37.90 | -11.75 | -16.70 | -22.30 | -18.07 | -18.69 |
| GENESE | 6.43 | -0.10 | 0.98 | -0.06 | 0.64 | 5.29 | 4.09 | 10.80 | 5.32 | 16.34 | 6.32 | 15.87 | 4.69 | 4.18 | 4.92 | 2.40 | -0.25 | 4.63 | 4.08 | 34.71 | 16.60 | 11.92 | 9.97 | 8.51 |
| 61753 | -0.11 | 0.02 | 0.00 | 0.03 | 0.01 | -0.01 | -0.02 | 0.15 | -0.07 | -0.35 | -0.11 | -0.49 | -0.06 | -0.04 | -0.04 | 0.07 | 0.06 | 0.03 | 0.00 | -0.52 | -0.24 | -0.16 | -0.18 | -0.14 |
| | -1.86 | -2.63 | -2.43 | -2.53 | -2.23 | -2.04 | -2.09 | -1.74 | -2.20 | -0.51 | -2.64 | -1.20 | -2.77 | -3.04 | -3.62 | -5.25 | -4.60 | -6.85 | -4.93 | -1.52 | -2.16 | -2.89 | -2.34 | -2.42 |
| H Q | 3.45 | -3.51 | -2.21 | -4.24 | -1.63 | 2.55 | 0.86 | -2.77 | -7.36 | -4.62 | -7.29 | -4.77 | -1.55 | -0.14 | -5.50 | -9.18 | -6.96 | -6.97 | -4.76 | 22.64 | 3.37 | 6.72 | 4.29 | 4.09 |
| 61844 | -0.47 | 0.33 | 0.23 | 0.27 | 0.18 | -0.45 | -0.30 | -1.08 | -0.35 | -1.92 | -0.45 | -1.73 | -0.23 | -0.11 | -0.10 | 0.34 | 0.62 | 0.27 | 0.10 | -3.54 | -2.15 | -1.28 | -0.89 | -0.73 |
| | 0.75 | 1.08 | 1.00 | 1.88 | 0.21 | 0.27 | 0.85 | 10.90 | 10.20 | 18.89 | 10.63 | 18.20 | 3.31 | 1.21 | 6.75 | 6.60 | 2.67 | 4.98 | 4.02 | 7.54 | 9.17 | 1.20 | 2.63 | 1.40 |
| HUD VL | 18.83 | 16.89 | 16.76 | 16.29 | 15.12 | 18.78 | 17.45 | 22.00 | 18.94 | 20.59 | 22.74 | 24.54 | 21.75 | 22.87 | 27.20 | 34.30 | 28.26 | 48.46 | 36.07 | 46.89 | 31.75 | 31.40 | 25.81 | 24.73 |
| 61758 | 0.23 | -0.13 | -0.06 | -0.11 | -0.07 | 0.17 | 0.10 | 0.47 | 0.16 | 0.83 | 0.21 | 0.86 | 0.12 | 0.07 | 0.08 | -0.16 | -0.25 | -0.12 | -0.04 | 1.74 | 0.80 | 0.49 | 0.43 | 0.33 |
| | -13.92 | -19.78 | -18.27 | -19.02 | -16.78 | -15.35 | -15.34 | -12.32 | -15.59 | -3.58 | -18.73 | -8.53 | -19.64 | -21.62 | -25.78 | -37.38 | -33.43 | -50.82 | -36.95 | -11.44 | -16.26 | -21.71 | -17.58 | -18.17 |
| LONGIL | 19.34 | 17.31 | 17.16 | 16.68 | 15.47 | 19.19 | 17.86 | 22.45 | 19.36 | 20.80 | 23.28 | 25.18 | 22.28 | 23.42 | 27.87 | 35.15 | 34.94 | 60.62 | 43.83 | 56.70 | 35.04 | 32.23 | 26.54 | 25.44 |
| 61762 | 0.38 | -0.20 | -0.10 | -0.18 | -0.10 | 0.23 | 0.14 | 0.62 | 0.21 | 0.94 | 0.31 | 1.27 | 0.17 | 0.10 | 0.11 | -0.23 | -0.41 | -0.19 | -0.07 | 2.80 | 1.30 | 0.74 | 0.66 | 0.52 |
| | -14.28 | -20.27 | -18.71 | -19.48 | -17.17 | -15.69 | -15.71 | -12.61 | -15.96 | -3.67 | -19.18 | -8.75 | -20.12 | -22.14 | -26.41 | -38.30 | -40.26 | -63.06 | -44.74 | -20.19 | -19.06 | -22.30 | -18.07 | -18.69 |
| MHK VL | 7.20 | 0.66 | 1.77 | 0.59 | 1.35 | 6.01 | 4.69 | 15.58 | 9.70 | 24.55 | 10.77 | 23.94 | 6.30 | 4.91 | 7.93 | 4.91 | 0.56 | 6.70 | 5.91 | 39.01 | 16.70 | 12.96 | 11.59 | 9.43 |
| 61756 | 0.06 | -0.01 | 0.00 | -0.02 | -0.01 | 0.05 | 0.02 | 0.17 | 0.08 | 0.30 | 0.07 | 0.29 | 0.04 | 0.02 | 0.03 | -0.05 | -0.08 | -0.04 | -0.02 | 0.61 | 0.17 | 0.09 | 0.08 | 0.05 |
| | -2.46 | -3.43 | -3.22 | -3.23 | -2.96 | -2.70 | -2.66 | -6.20 | -6.43 | -8.06 | -6.91 | -8.50 | -4.27 | -3.71 | -6.55 | -7.88 | -5.55 | -9.00 | -6.77 | -4.68 | -1.85 | -3.67 | -3.70 | -3.16 |
| MILLWD | 19.49 | 17.78 | 17.56 | 17.11 | 15.85 | 19.45 | 18.14 | 22.58 | 19.67 | 20.81 | 23.62 | 25.01 | 22.67 | 23.87 | 28.42 | 36.01 | 29.81 | 50.83 | 37.85 | 47.56 | 32.61 | 32.52 | 26.74 | 25.68 |
| 61759 | 0.25 | -0.13 | -0.07 | -0.12 | -0.07 | 0.17 | 0.10 | 0.48 | 0.17 | 0.88 | 0.22 | 0.92 | 0.12 | 0.07 | 0.08 | -0.17 | -0.27 | -0.13 | -0.04 | 1.84 | 0.85 | 0.53 | 0.46 | 0.36 |
| | -14.57 | -20.66 | -19.08 | -19.85 | -17.51 | -16.01 | -16.03 | -12.88 | -16.31 | -3.75 | -19.60 | -8.94 | -20.55 | -22.62 | -26.99 | -39.09 | -34.99 | -53.20 | -38.73 | -12.00 | -17.07 | -22.80 | -18.47 | -19.10 |
| N.Y.C. | 19.22 | 17.36 | 17.18 | 16.72 | 15.50 | 19.14 | 17.82 | 22.35 | 19.33 | 20.80 | 23.21 | 24.92 | 22.23 | 23.39 | 27.84 | 35.12 | 29.04 | 49.28 | 36.92 | 47.37 | 32.29 | 32.04 | 26.37 | 25.30 |
| 61761 | 0.26 | -0.14 | -0.07 | -0.13 | -0.07 | 0.20 | 0.11 | 0.52 | 0.19 | 0.95 | 0.25 | 1.02 | 0.14 | 0.08 | 0.09 | -0.19 | -0.29 | -0.13 | -0.04 | 1.92 | 0.91 | 0.55 | 0.50 | 0.39 |
| | -14.28 | -20.26 | -18.70 | -19.47 | -17.16 | -15.68 | -15.70 | -12.61 | -15.96 | -3.67 | -19.17 | -8.75 | -20.11 | -22.14 | -26.40 | -38.22 | -34.24 | -51.66 | -37.81 | -11.74 | -16.69 | -22.29 | -18.07 | -18.68 |
| NORTH | 3.54 | -3.44 | -2.15 | -4.13 | -2.27 | 2.05 | 0.92 | 3.54 | -1.48 | 7.12 | -1.11 | 6.84 | -0.06 | -0.04 | -1.91 | -6.42 | -6.61 | -5.38 | -3.28 | 27.63 | 4.20 | 6.88 | 5.48 | 4.29 |
| 61755 | -0.44 | 0.32 | 0.23 | 0.26 | 0.18 | -0.44 | -0.29 | -1.03 | -0.30 | -1.74 | -0.42 | -1.58 | -0.22 | -0.10 | -0.09 | 0.31 | 0.59 | 0.25 | 0.10 | -3.25 | -2.05 | -1.22 | -0.83 | -0.69 |
| | 0.70 | 1.00 | 0.92 | 1.77 | 0.85 | 0.77 | 0.79 | 4.64 | 4.37 | 7.32 | 4.49 | 6.73 | 1.83 | 1.12 | 3.16 | 3.81 | 2.28 | 3.38 | 2.53 | 2.84 | 8.44 | 1.11 | 1.49 | 1.25 |
| NPX | 22.10 | 21.62 | 21.09 | 20.80 | 19.57 | 23.18 | 21.04 | 24.82 | 22.64 | 21.27 | 27.16 | 26.36 | 26.42 | 28.01 | 33.31 | 43.24 | 36.22 | 60.49 | 44.87 | 49.19 | 35.41 | 36.48 | 29.59 | 29.05 |
| 61845 | 0.18 | -0.09 | -0.05 | -0.09 | -0.05 | 0.11 | 0.07 | 0.35 | 0.12 | 0.65 | 0.15 | 0.61 | 0.08 | 0.05 | 0.05 | -0.11 | -0.18 | -0.09 | -0.03 | 1.30 | 0.57 | 0.37 | 0.33 | 0.26 |
| | -17.24 | -24.47 | -22.59 | -23.51 | -21.22 | -19.80 | -18.96 | -15.27 | -19.32 | -4.44 | -23.21 | -10.59 | -24.35 | -26.78 | -31.91 | -46.27 | -41.32 | -62.83 | -45.74 | -14.18 | -20.16 | -26.92 | -21.45 | -22.56 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|
| OH 61846 | 6.67 | 0.54 | 1.54 | 0.54 | 1.16 | 5.63 | 4.48 | 10.75 | 5.63 | 15.90 | 6.67 | 15.17 | 5.18 | 4.79 | 5.65 | 3.75 | 1.06 | 6.24 | 5.17 | 33.13 | 16.30 | 12.09 | 10.11 | 8.77 |
| | -0.26 | 0.09 | 0.03 | 0.09 | 0.05 | -0.12 | -0.09 | -0.59 | -0.24 | -1.29 | -0.35 | -1.46 | -0.19 | -0.11 | -0.13 | 0.24 | 0.34 | 0.16 | 0.05 | -2.43 | -1.01 | -0.61 | -0.54 | -0.40 |
| | -2.26 | -3.20 | -2.96 | -3.08 | -2.71 | -2.48 | -2.55 | -2.12 | -2.69 | -1.00 | -3.23 | -1.47 | -3.38 | -3.72 | -4.43 | -6.42 | -5.63 | -8.33 | -5.98 | -1.85 | -2.63 | -3.51 | -2.84 | -2.94 |
| PJM 61847 | 12.84 | 8.69 | 9.13 | 8.38 | 8.82 | 12.79 | 11.03 | 16.61 | 12.44 | 18.38 | 14.91 | 20.31 | 13.64 | 13.99 | 16.62 | 22.82 | 11.09 | 27.50 | 20.71 | 40.48 | 24.31 | 21.95 | 18.14 | 16.90 |
| | 0.06 | -0.04 | -0.03 | -0.04 | -0.02 | 0.06 | 0.04 | 0.10 | 0.02 | 0.07 | 0.02 | 0.09 | 0.01 | 0.01 | 0.01 | -0.02 | -0.01 | 0.00 | 0.00 | 0.08 | 0.13 | 0.07 | 0.05 | 0.05 |
| | -8.10 | -11.49 | -10.61 | -11.04 | -10.44 | -9.46 | -8.98 | -7.30 | -9.23 | -2.12 | -11.09 | -5.06 | -11.64 | -12.81 | -15.27 | -25.75 | -16.01 | -29.75 | -21.55 | -6.68 | -9.49 | -12.68 | -10.28 | -10.63 |
| WEST 61752 | 6.92 | 0.72 | 1.73 | 0.72 | 1.33 | 5.89 | 4.73 | 11.12 | 5.92 | 15.96 | 7.03 | 15.72 | 5.51 | 5.11 | 6.03 | 4.18 | 1.38 | 6.78 | 5.57 | 34.05 | 16.85 | 12.56 | 10.48 | 9.09 |
| | -0.18 | 0.05 | 0.01 | 0.05 | 0.02 | -0.04 | -0.03 | -0.38 | -0.17 | -0.90 | -0.24 | -1.02 | -0.13 | -0.08 | -0.09 | 0.18 | 0.24 | 0.12 | 0.03 | -1.64 | -0.65 | -0.38 | -0.36 | -0.27 |
| | -2.42 | -3.43 | -3.17 | -3.30 | -2.91 | -2.66 | -2.76 | -2.29 | -2.89 | -0.67 | -3.49 | -1.59 | -3.65 | -4.01 | -4.77 | -6.91 | -6.05 | -8.92 | -6.39 | -1.98 | -2.81 | -3.75 | -3.04 | -3.13 |