

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

07/30/2019

| 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 | 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 | 25.12 | 23.27 | 20.87 | 19.66 | 19.74 | 21.29 | 21.65 | 23.96 | 26.59 | 28.34 | 28.70 | 32.69 | 36.96 | 43.06 | 50.74 | 54.84 | 57.43 | 61.24 | 42.66 | 35.46 | 33.58 | 29.86 | 26.24 | 26.30 |
| 61757 | 1.73 | 1.55 | 1.35 | 1.31 | 1.36 | 1.39 | 1.43 | 1.80 | 2.15 | 2.34 | 2.32 | 2.75 | 3.24 | 3.38 | 3.62 | 3.57 | 3.87 | 3.70 | 3.47 | 3.02 | 2.77 | 2.44 | 2.07 | 1.67 |
| | -3.45 | -2.83 | -2.78 | -2.17 | -1.93 | -3.19 | -2.31 | -0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.85 | -9.43 | -13.70 | -12.89 | -18.97 | -4.12 | -1.02 | -1.72 | -1.17 | -0.89 | -5.00 |
| CENTRL | 20.91 | 19.61 | 17.38 | 16.74 | 16.99 | 17.41 | 18.53 | 22.69 | 25.61 | 27.36 | 27.88 | 31.87 | 35.81 | 37.64 | 40.66 | 40.83 | 44.05 | 42.30 | 37.60 | 33.40 | 30.92 | 27.74 | 24.40 | 20.86 |
| 61754 | 0.38 | 0.38 | 0.30 | 0.29 | 0.30 | 0.30 | 0.34 | 0.39 | 0.32 | 0.34 | 0.40 | 0.42 | 0.24 | 0.28 | 0.15 | 0.15 | 0.12 | 0.19 | 0.35 | 0.31 | 0.29 | 0.29 | 0.33 | 0.33 |
| | -0.59 | -0.35 | -0.34 | -0.27 | -0.24 | -0.39 | -0.29 | -0.40 | -0.85 | -1.02 | -1.10 | -1.52 | -1.85 | -2.53 | -2.82 | -3.10 | -3.26 | -3.55 | -2.19 | -1.66 | -1.54 | -1.20 | -0.80 | -0.89 |
| DUNWOD | 24.96 | 23.21 | 20.76 | 19.66 | 19.72 | 20.96 | 21.78 | 24.90 | 27.55 | 29.31 | 29.62 | 33.58 | 38.01 | 41.40 | 46.75 | 55.10 | 62.52 | 61.13 | 41.29 | 36.26 | 34.18 | 30.53 | 26.94 | 25.71 |
| 61760 | 2.47 | 2.23 | 1.97 | 1.88 | 1.84 | 1.89 | 2.17 | 2.80 | 3.10 | 3.30 | 3.24 | 3.65 | 4.28 | 4.46 | 4.94 | 4.96 | 5.41 | 5.01 | 4.56 | 4.08 | 3.81 | 3.41 | 3.00 | 2.37 |
| | -2.55 | -2.10 | -2.06 | -1.60 | -1.43 | -2.36 | -1.71 | -0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.11 | -4.13 | -12.57 | -16.44 | -17.56 | -1.67 | -0.76 | -1.27 | -0.87 | -0.66 | -3.70 |
| GENESE | 20.54 | 19.40 | 17.18 | 16.53 | 16.80 | 17.13 | 18.12 | 21.94 | 24.10 | 25.48 | 25.66 | 28.54 | 31.92 | 33.27 | 35.52 | 35.40 | 38.22 | 36.51 | 33.90 | 30.56 | 28.50 | 25.50 | 23.21 | 20.16 |
| 61753 | 0.28 | 0.24 | 0.18 | 0.15 | 0.16 | 0.12 | 0.00 | 0.02 | -0.15 | -0.05 | 0.19 | 0.18 | -0.34 | -0.14 | -0.45 | -0.49 | -0.69 | -0.54 | -0.14 | -0.38 | -0.32 | -0.34 | -0.14 | 0.06 |
| | -0.33 | -0.27 | -0.26 | -0.20 | -0.18 | -0.30 | -0.22 | -0.02 | 0.20 | 0.47 | 0.90 | 1.58 | 1.47 | 1.42 | 1.71 | 1.68 | 1.75 | 1.51 | 1.03 | 0.49 | 0.27 | 0.41 | -0.08 | -0.47 |
| H Q | 19.12 | 18.09 | 16.05 | 15.53 | 15.79 | 16.04 | 18.20 | 20.35 | 23.17 | 24.99 | 25.40 | 28.83 | 32.48 | 33.31 | 35.83 | 35.53 | 38.58 | 36.13 | 33.60 | 30.21 | 27.88 | 25.25 | 22.34 | 18.87 |
| 61844 | -0.82 | -0.79 | -0.69 | -0.65 | -0.66 | -0.67 | -0.72 | -0.85 | -0.95 | -0.99 | -1.00 | -1.11 | -1.25 | -1.25 | -1.32 | -1.28 | -1.38 | -1.31 | -1.30 | -1.19 | -1.11 | -1.00 | -0.93 | -0.77 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.01 | 0.69 | 0.32 | 0.03 | -0.03 | 0.00 | 0.00 | 0.27 | 0.53 | 0.76 | 0.71 | 1.12 | 0.17 | 0.02 | 0.11 | 0.00 | 0.00 | 0.00 |
| HUD VL | 24.64 | 22.97 | 20.53 | 19.44 | 19.53 | 20.74 | 21.52 | 24.51 | 27.13 | 28.84 | 29.20 | 33.11 | 37.43 | 40.56 | 45.59 | 53.08 | 59.55 | 58.62 | 40.72 | 35.72 | 33.64 | 30.08 | 26.56 | 25.45 |
| 61758 | 2.17 | 2.00 | 1.76 | 1.67 | 1.66 | 1.69 | 1.92 | 2.41 | 2.69 | 2.83 | 2.82 | 3.17 | 3.71 | 3.83 | 4.22 | 4.28 | 4.72 | 4.39 | 3.93 | 3.55 | 3.29 | 2.97 | 2.63 | 2.14 |
| | -2.53 | -2.08 | -2.04 | -1.59 | -1.41 | -2.34 | -1.70 | -0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.90 | -3.69 | -11.22 | -14.16 | -15.66 | -1.73 | -0.75 | -1.27 | -0.86 | -0.66 | -3.67 |
| LONGIL | 36.56 | 33.00 | 32.64 | 24.91 | 24.95 | 25.84 | 24.62 | 28.46 | 32.03 | 33.09 | 30.53 | 34.59 | 38.79 | 45.32 | 59.43 | 74.14 | 88.00 | 78.71 | 57.68 | 42.00 | 40.95 | 37.03 | 33.00 | 32.03 |
| 61762 | 3.15 | 2.87 | 2.49 | 2.41 | 2.38 | 2.42 | 2.76 | 3.48 | 3.84 | 4.08 | 3.88 | 4.46 | 5.06 | 5.36 | 5.84 | 5.63 | 6.42 | 6.13 | 5.58 | 5.03 | 4.68 | 4.33 | 3.70 | 2.93 |
| | -13.47 | -11.25 | -13.41 | -6.32 | -6.12 | -6.71 | -3.96 | -3.08 | -3.75 | -3.00 | -0.27 | -0.20 | -0.01 | -5.13 | -15.90 | -30.93 | -40.91 | -34.01 | -17.04 | -5.56 | -7.17 | -6.45 | -6.02 | -9.47 |
| MHK VL | 21.17 | 19.85 | 17.60 | 16.96 | 17.19 | 17.65 | 18.75 | 22.92 | 25.83 | 27.60 | 28.00 | 31.97 | 36.09 | 37.29 | 40.29 | 40.58 | 44.19 | 41.89 | 37.35 | 33.49 | 31.12 | 27.92 | 24.61 | 21.13 |
| 61756 | 0.70 | 0.60 | 0.52 | 0.50 | 0.49 | 0.53 | 0.57 | 0.79 | 0.93 | 1.07 | 1.08 | 1.32 | 1.45 | 1.50 | 1.55 | 1.39 | 1.46 | 1.43 | 1.30 | 1.13 | 1.08 | 0.97 | 0.84 | 0.71 |
| | -0.53 | -0.36 | -0.35 | -0.28 | -0.24 | -0.41 | -0.28 | -0.24 | -0.46 | -0.53 | -0.54 | -0.72 | -0.91 | -0.96 | -1.06 | -1.62 | -2.05 | -1.90 | -0.98 | -0.95 | -0.95 | -0.70 | -0.50 | -0.79 |
| MILLWD | 24.85 | 23.12 | 20.67 | 19.57 | 19.62 | 20.87 | 21.65 | 24.73 | 27.37 | 29.10 | 29.44 | 33.32 | 37.73 | 41.09 | 46.40 | 54.79 | 62.10 | 60.92 | 41.05 | 36.01 | 33.96 | 30.35 | 26.76 | 25.61 |
| 61759 | 2.33 | 2.11 | 1.86 | 1.76 | 1.73 | 1.77 | 2.02 | 2.63 | 2.93 | 3.09 | 3.06 | 3.38 | 4.01 | 4.14 | 4.60 | 4.66 | 5.08 | 4.82 | 4.28 | 3.83 | 3.58 | 3.23 | 2.82 | 2.24 |
| | -2.58 | -2.12 | -2.08 | -1.62 | -1.44 | -2.38 | -1.73 | -0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.11 | -4.12 | -12.55 | -16.35 | -17.54 | -1.70 | -0.76 | -1.29 | -0.88 | -0.67 | -3.74 |
| N.Y.C. | 27.58 | 23.45 | 20.97 | 19.87 | 19.96 | 21.17 | 23.15 | 25.56 | 29.91 | 33.50 | 34.95 | 39.19 | 42.44 | 49.64 | 52.53 | 55.57 | 62.15 | 60.73 | 43.97 | 39.67 | 37.85 | 36.44 | 34.43 | 29.49 |
| 61761 | 2.73 | 2.45 | 2.17 | 2.07 | 2.07 | 2.09 | 2.36 | 3.04 | 3.37 | 3.59 | 3.51 | 3.89 | 4.52 | 4.60 | 5.05 | 5.07 | 5.53 | 5.17 | 4.73 | 4.34 | 4.04 | 3.70 | 3.28 | 2.63 |
| | -4.91 | -2.11 | -2.07 | -1.61 | -1.43 | -2.37 | -2.88 | -0.62 | -2.09 | -3.91 | -5.06 | -5.37 | -4.20 | -10.21 | -9.79 | -12.93 | -15.95 | -17.00 | -4.17 | -3.92 | -4.71 | -6.49 | -7.87 | -7.23 |
| NORTH | 18.70 | 17.64 | 15.68 | 15.19 | 15.45 | 15.73 | 16.85 | 20.65 | 23.07 | 24.62 | 25.01 | 28.44 | 32.07 | 32.66 | 35.12 | 34.70 | 37.68 | 35.03 | 32.77 | 29.64 | 27.14 | 24.78 | 21.88 | 18.49 |
| 61755 | -1.24 | -1.25 | -1.05 | -0.99 | -1.00 | -0.99 | -1.06 | -1.25 | -1.37 | -1.38 | -1.37 | -1.50 | -1.65 | -1.71 | -1.66 | -1.58 | -1.79 | -1.73 | -1.89 | -1.73 | -1.63 | -1.47 | -1.40 | -1.14 |
| | 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 | 0.47 | 0.91 | 1.30 | 1.20 | 1.80 | 0.40 | 0.05 | 0.32 | 0.00 | 0.00 | 0.00 |
| NPX | 24.68 | 22.95 | 20.58 | 19.44 | 19.54 | 20.91 | 22.46 | 23.43 | 26.40 | 28.37 | 30.06 | 34.01 | 37.03 | 40.79 | 46.52 | 52.26 | 57.29 | 57.68 | 48.40 | 43.15 | 40.21 | 35.00 | 29.62 | 25.72 |
| 61845 | 1.77 | 1.62 | 1.45 | 1.39 | 1.43 | 1.45 | 1.56 | 1.99 | 2.27 | 2.39 | 2.38 | 2.66 | 3.10 | 3.20 | 3.46 | 3.45 | 3.70 | 3.55 | 3.26 | 2.95 | 2.77 | 2.49 | 2.21 | 1.79 |
| | -2.97 | -2.44 | -2.39 | -1.86 | -1.66 | -2.74 | -3.00 | 0.46 | 0.32 | 0.03 | -1.31 | -1.41 | -0.21 | -2.76 | -5.37 | -11.23 | -12.92 | -15.57 | -10.07 | -8.78 | -8.35 | -6.26 | -4.13 | -4.30 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 20.31 | 19.19 | 17.00 | 16.36 | 16.63 | 17.00 | 18.85 | 20.74 | 23.02 | 24.54 | 24.80 | 27.46 | 30.30 | 31.43 | 34.50 | 34.76 | 37.33 | 36.10 | 32.88 | 29.51 | 27.70 | 24.72 | 22.64 | 19.93 |
| | -0.06 | -0.06 | -0.08 | -0.10 | -0.07 | -0.12 | -0.36 | -0.50 | -0.93 | -1.01 | -0.79 | -1.05 | -1.82 | -1.85 | -2.34 | -2.29 | -2.69 | -2.43 | -1.58 | -1.48 | -1.19 | -1.18 | -0.75 | -0.33 |
| | -0.44 | -0.36 | -0.35 | -0.27 | -0.24 | -0.40 | -1.30 | 0.66 | 0.49 | 0.45 | 0.79 | 1.43 | 1.60 | 1.55 | 0.85 | 0.52 | 0.66 | 0.03 | 0.61 | 0.43 | 0.20 | 0.35 | -0.11 | -0.63 |
| PJM 61847 | 22.79 | 21.32 | 18.99 | 18.09 | 18.25 | 19.11 | 21.07 | 22.69 | 25.84 | 28.00 | 29.45 | 33.77 | 37.45 | 40.09 | 43.70 | 47.88 | 52.88 | 51.06 | 39.65 | 34.52 | 32.20 | 29.14 | 25.31 | 23.25 |
| | 1.22 | 1.13 | 0.99 | 0.92 | 0.92 | 0.94 | 1.00 | 1.20 | 1.12 | 1.14 | 1.21 | 1.23 | 1.25 | 1.25 | 1.28 | 1.35 | 1.38 | 1.35 | 1.51 | 1.35 | 1.31 | 1.18 | 1.19 | 1.10 |
| | -1.63 | -1.30 | -1.27 | -0.99 | -0.88 | -1.46 | -2.16 | 0.41 | -0.27 | -0.85 | -1.86 | -2.61 | -2.47 | -4.01 | -4.74 | -8.96 | -10.83 | -11.15 | -3.08 | -1.75 | -1.80 | -1.71 | -0.85 | -2.52 |
| WEST 61752 | 20.82 | 19.63 | 17.38 | 16.72 | 17.02 | 17.42 | 18.30 | 22.11 | 25.50 | 28.76 | 32.24 | 39.98 | 43.09 | 46.28 | 49.00 | 49.00 | 52.10 | 49.00 | 42.00 | 35.00 | 32.00 | 29.64 | 23.38 | 20.47 |
| | 0.46 | 0.40 | 0.30 | 0.27 | 0.33 | 0.32 | 0.11 | 0.17 | -0.20 | -0.26 | 0.03 | -0.15 | -0.91 | -0.91 | -1.36 | -1.32 | -1.75 | -1.50 | -0.60 | -0.63 | -0.38 | -0.42 | -0.05 | 0.22 |
| | -0.43 | -0.35 | -0.34 | -0.27 | -0.24 | -0.39 | -0.29 | -0.04 | -1.25 | -3.01 | -5.83 | -10.19 | -10.28 | -12.35 | -12.67 | -12.74 | -13.18 | -11.94 | -7.53 | -4.21 | -3.29 | -3.81 | -0.15 | -0.62 |