

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

07/09/2016

| 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 | 26.99 | 25.79 | 22.75 | 21.77 | 18.47 | 19.42 | 15.09 | 20.74 | 25.52 | 27.71 | 27.46 | 29.50 | 30.18 | 31.08 | 31.72 | 32.41 | 34.99 | 36.61 | 33.14 | 30.19 | 29.77 | 28.04 | 26.35 | 24.34 |
| 61757 | 1.55 | 1.33 | 1.19 | 0.99 | 1.02 | 1.16 | 0.87 | 1.13 | 1.45 | 1.49 | 1.65 | 1.76 | 1.82 | 1.84 | 1.88 | 1.94 | 2.07 | 2.21 | 2.09 | 1.77 | 1.71 | 1.70 | 1.49 | 1.31 |
| | 0.00 | -2.62 | -1.37 | -5.06 | -1.32 | -0.39 | -0.80 | -1.32 | -3.08 | -3.91 | -0.04 | -0.24 | -0.41 | -0.58 | -0.55 | -0.66 | -0.67 | -0.45 | -0.33 | -0.39 | -0.40 | -0.22 | 0.00 | 0.00 |
| CENTRL | 25.49 | 22.14 | 20.31 | 16.28 | 16.28 | 18.00 | 13.53 | 18.48 | 21.39 | 22.75 | 25.79 | 27.60 | 28.06 | 28.86 | 29.49 | 30.00 | 32.47 | 34.29 | 30.78 | 28.14 | 27.73 | 26.17 | 25.00 | 23.24 |
| 61754 | 0.05 | 0.00 | -0.04 | -0.02 | 0.00 | 0.09 | 0.03 | 0.04 | 0.04 | 0.00 | 0.03 | 0.08 | 0.06 | 0.14 | 0.15 | 0.12 | 0.13 | 0.14 | 0.06 | 0.11 | 0.08 | 0.05 | 0.15 | 0.21 |
| | 0.00 | -0.30 | -0.16 | -0.58 | -0.15 | -0.04 | -0.09 | -0.15 | -0.35 | -0.45 | 0.00 | -0.02 | -0.05 | -0.05 | -0.05 | -0.06 | -0.08 | -0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DUNWOD | 28.36 | 26.43 | 23.61 | 21.27 | 18.88 | 20.09 | 15.53 | 21.44 | 25.78 | 27.92 | 29.49 | 34.32 | 37.43 | 40.76 | 41.12 | 43.32 | 46.26 | 44.86 | 39.40 | 37.30 | 36.95 | 32.48 | 27.76 | 25.75 |
| 61760 | 2.92 | 2.62 | 2.38 | 1.74 | 1.76 | 1.93 | 1.52 | 2.16 | 2.48 | 2.68 | 3.09 | 3.30 | 3.38 | 3.50 | 3.60 | 3.70 | 4.00 | 4.17 | 3.75 | 3.39 | 3.26 | 3.11 | 2.91 | 2.72 |
| | 0.00 | -1.97 | -1.03 | -3.81 | -0.99 | -0.29 | -0.60 | -0.99 | -2.32 | -2.94 | -0.64 | -3.52 | -6.10 | -8.60 | -8.23 | -9.81 | -10.01 | -6.74 | -4.93 | -5.88 | -6.04 | -3.25 | 0.00 | 0.00 |
| GENESE | 24.98 | 21.57 | 19.80 | 15.82 | 15.87 | 17.69 | 13.06 | 17.74 | 20.44 | 21.61 | 24.66 | 26.43 | 26.95 | 27.73 | 28.29 | 28.66 | 30.96 | 32.56 | 29.40 | 26.88 | 26.49 | 24.90 | 24.43 | 22.85 |
| 61753 | -0.46 | -0.52 | -0.53 | -0.38 | -0.39 | -0.21 | -0.43 | -0.68 | -0.84 | -1.07 | -1.11 | -1.07 | -1.01 | -0.95 | -1.00 | -1.16 | -1.29 | -1.39 | -1.32 | -1.15 | -1.16 | -1.23 | -0.42 | -0.19 |
| | 0.00 | -0.25 | -0.13 | -0.48 | -0.12 | -0.04 | -0.08 | -0.12 | -0.29 | -0.37 | 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 |
| H Q | 24.60 | 21.10 | 19.53 | 15.20 | 15.59 | 14.99 | 15.19 | 17.69 | 10.26 | 10.26 | 10.26 | 10.26 | 10.26 | 10.26 | 10.26 | 10.26 | 10.26 | 10.26 | 10.26 | 10.26 | 10.26 | 10.26 | 10.26 | 10.26 |
| 61844 | -0.84 | -0.74 | -0.67 | -0.52 | -0.55 | -0.64 | -0.46 | -0.60 | -0.74 | -0.76 | -0.88 | -0.94 | -0.95 | -1.03 | -1.03 | -1.07 | -1.13 | -1.19 | -1.08 | -0.98 | -0.91 | -0.86 | -0.85 | -0.83 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.24 | -2.24 | 0.00 | 10.00 | 11.29 | 14.63 | 16.31 | 16.74 | 17.38 | 18.00 | 18.49 | 20.86 | 22.50 | 19.39 | 16.79 | 16.48 | 15.00 | 13.75 | 11.94 |
| HUD VL | 28.19 | 26.24 | 23.44 | 21.14 | 18.78 | 19.98 | 15.40 | 21.25 | 25.57 | 27.72 | 29.13 | 33.29 | 35.87 | 38.71 | 39.15 | 41.09 | 43.94 | 43.28 | 38.19 | 35.84 | 35.52 | 31.63 | 27.59 | 25.57 |
| 61758 | 2.75 | 2.45 | 2.22 | 1.65 | 1.66 | 1.82 | 1.39 | 1.98 | 2.29 | 2.50 | 2.86 | 3.03 | 3.13 | 3.30 | 3.40 | 3.58 | 3.84 | 4.04 | 3.59 | 3.19 | 3.12 | 2.95 | 2.73 | 2.53 |
| | 0.00 | -1.95 | -1.02 | -3.77 | -0.98 | -0.29 | -0.60 | -0.98 | -2.29 | -2.92 | -0.50 | -2.76 | -4.79 | -6.75 | -6.46 | -7.70 | -7.85 | -5.29 | -3.87 | -4.62 | -4.74 | -2.55 | 0.00 | 0.00 |
| LONGIL | 37.17 | 30.77 | 26.86 | 24.60 | 22.57 | 23.53 | 21.72 | 26.28 | 31.05 | 38.55 | 35.04 | 38.63 | 40.70 | 41.96 | 42.31 | 44.72 | 51.45 | 46.28 | 40.98 | 38.49 | 38.14 | 39.95 | 34.91 | 33.30 |
| 61762 | 3.84 | 3.43 | 3.07 | 2.28 | 2.29 | 2.50 | 2.06 | 2.85 | 3.25 | 3.50 | 4.10 | 4.34 | 4.47 | 4.68 | 4.78 | 4.86 | 5.29 | 5.57 | 5.07 | 4.54 | 4.37 | 4.10 | 3.85 | 3.57 |
| | -7.89 | -5.50 | -3.59 | -6.60 | -4.15 | -3.17 | -6.24 | -5.13 | -6.80 | -12.75 | -5.17 | -6.78 | -8.27 | -8.61 | -8.24 | -10.04 | -13.91 | -6.76 | -5.19 | -5.92 | -6.12 | -9.73 | -6.21 | -6.70 |
| MHK VL | 26.15 | 22.68 | 20.82 | 16.66 | 16.66 | 18.32 | 13.85 | 18.92 | 21.92 | 23.46 | 26.66 | 28.71 | 29.26 | 30.17 | 30.73 | 31.32 | 33.87 | 35.43 | 32.07 | 29.33 | 28.95 | 27.15 | 25.55 | 23.61 |
| 61756 | 0.71 | 0.52 | 0.46 | 0.35 | 0.37 | 0.41 | 0.35 | 0.47 | 0.57 | 0.69 | 0.85 | 0.96 | 0.89 | 0.92 | 0.88 | 0.83 | 0.94 | 1.02 | 1.01 | 0.90 | 0.88 | 0.81 | 0.69 | 0.58 |
| | 0.00 | -0.31 | -0.16 | -0.60 | -0.16 | -0.05 | -0.10 | -0.16 | -0.37 | -0.47 | -0.04 | -0.24 | -0.42 | -0.59 | -0.56 | -0.67 | -0.68 | -0.46 | -0.34 | -0.40 | -0.41 | -0.22 | 0.00 | 0.00 |
| MILLWD | 28.29 | 26.36 | 23.55 | 21.24 | 18.84 | 20.04 | 15.48 | 21.32 | 25.73 | 27.88 | 29.40 | 34.16 | 37.21 | 40.51 | 40.87 | 43.07 | 45.99 | 44.67 | 39.26 | 37.11 | 36.79 | 32.36 | 27.69 | 25.68 |
| 61759 | 2.85 | 2.53 | 2.32 | 1.70 | 1.71 | 1.88 | 1.46 | 2.03 | 2.41 | 2.61 | 3.01 | 3.22 | 3.30 | 3.44 | 3.54 | 3.67 | 3.97 | 4.14 | 3.72 | 3.33 | 3.23 | 3.05 | 2.83 | 2.65 |
| | 0.00 | -1.98 | -1.03 | -3.83 | -1.00 | -0.29 | -0.61 | -1.00 | -2.33 | -2.96 | -0.62 | -3.44 | -5.96 | -8.40 | -8.04 | -9.58 | -9.77 | -6.58 | -4.82 | -5.74 | -5.90 | -3.18 | 0.00 | 0.00 |
| N.Y.C. | 33.38 | 26.66 | 23.82 | 21.42 | 19.03 | 20.25 | 15.68 | 21.65 | 27.56 | 31.14 | 33.01 | 36.94 | 40.19 | 42.10 | 42.31 | 44.12 | 46.57 | 45.40 | 40.99 | 40.09 | 39.69 | 36.41 | 31.61 | 29.34 |
| 61761 | 3.18 | 2.84 | 2.59 | 1.89 | 1.90 | 2.09 | 1.66 | 2.36 | 2.69 | 2.92 | 3.37 | 3.60 | 3.66 | 3.81 | 3.90 | 3.94 | 4.29 | 4.48 | 4.06 | 3.70 | 3.57 | 3.37 | 3.18 | 2.97 |
| | -4.76 | -1.98 | -1.03 | -3.81 | -1.00 | -0.30 | -0.61 | -1.00 | -3.88 | -5.91 | -3.87 | -5.83 | -8.58 | -9.61 | -9.13 | -10.36 | -10.03 | -6.97 | -6.22 | -8.36 | -8.47 | -6.91 | -3.57 | -3.33 |
| NORTH | 24.30 | 20.71 | 19.23 | 14.96 | 15.33 | 16.87 | 12.75 | 17.45 | 19.90 | 21.23 | 24.63 | 26.30 | 26.67 | 27.27 | 27.88 | 28.39 | 30.74 | 32.35 | 29.19 | 26.69 | 26.52 | 25.00 | 23.71 | 21.81 |
| 61755 | -1.14 | -1.14 | -0.97 | -0.75 | -0.81 | -1.00 | -0.66 | -0.84 | -1.09 | -1.07 | -1.13 | -1.21 | -1.29 | -1.40 | -1.41 | -1.43 | -1.52 | -1.60 | -1.54 | -1.34 | -1.13 | -1.12 | -1.14 | -1.22 |
| | 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 | 27.35 | 25.85 | 22.96 | 21.37 | 18.53 | 17.35 | 17.42 | 20.89 | 25.45 | 27.59 | 28.07 | 31.27 | 32.94 | 34.80 | 35.33 | 36.69 | 39.40 | 39.73 | 35.45 | 32.89 | 32.50 | 29.63 | 26.69 | 24.76 |
| 61845 | 1.91 | 1.68 | 1.56 | 1.16 | 1.23 | 1.38 | 1.06 | 1.43 | 1.72 | 1.81 | 2.01 | 2.15 | 2.18 | 2.18 | 2.26 | 2.36 | 2.55 | 2.68 | 2.46 | 2.16 | 2.07 | 2.01 | 1.84 | 1.73 |
| | 0.00 | -2.33 | -1.21 | -4.49 | -1.17 | 1.89 | -2.95 | -1.17 | -2.73 | -3.47 | -0.29 | -1.62 | -2.80 | -3.95 | -3.79 | -4.51 | -4.60 | -3.10 | -2.27 | -2.70 | -2.78 | -1.50 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| O H 61846 | 23.94 | 20.91 | 19.20 | 15.50 | 15.45 | 15.00 | 15.00 | 17.37 | 20.00 | 21.00 | 23.55 | 25.18 | 25.56 | 26.53 | 27.14 | 27.59 | 29.69 | 30.67 | 28.42 | 26.10 | 25.55 | 24.11 | 23.81 | 22.32 |
| | -1.50 | -1.27 | -1.17 | -0.86 | -0.86 | -0.68 | -0.75 | -1.10 | -1.39 | -1.81 | -2.22 | -2.25 | -2.18 | -1.92 | -1.93 | -1.97 | -2.19 | -2.38 | -2.30 | -1.93 | -2.10 | -2.01 | -1.04 | -0.71 |
| | 0.00 | -0.34 | -0.17 | -0.65 | -0.17 | 2.19 | -2.34 | -0.17 | -0.39 | -0.50 | 0.00 | 0.07 | 0.21 | 0.22 | 0.21 | 0.26 | 0.37 | 0.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PJM 61847 | 26.10 | 23.55 | 21.32 | 18.25 | 17.11 | 16.38 | 16.37 | 19.39 | 22.87 | 24.46 | 26.52 | 29.57 | 31.24 | 33.23 | 33.74 | 35.09 | 37.74 | 38.29 | 33.67 | 31.36 | 30.95 | 28.21 | 25.72 | 24.00 |
| | 0.66 | 0.61 | 0.55 | 0.41 | 0.42 | 0.59 | 0.39 | 0.55 | 0.59 | 0.51 | 0.49 | 0.55 | 0.61 | 0.83 | 0.88 | 1.01 | 1.10 | 1.12 | 0.86 | 0.84 | 0.75 | 0.71 | 0.87 | 0.97 |
| | 0.00 | -1.10 | -0.57 | -2.12 | -0.55 | 2.07 | -2.57 | -0.55 | -1.29 | -1.64 | -0.27 | -1.52 | -2.67 | -3.73 | -3.57 | -4.26 | -4.39 | -3.22 | -2.09 | -2.49 | -2.56 | -1.38 | 0.00 | 0.00 |
| WEST 61752 | 24.35 | 21.25 | 19.46 | 15.69 | 15.63 | 17.50 | 12.93 | 17.61 | 20.30 | 21.34 | 23.99 | 25.99 | 26.99 | 28.05 | 28.66 | 29.28 | 31.83 | 35.04 | 28.97 | 26.60 | 25.96 | 24.50 | 24.28 | 22.73 |
| | -1.09 | -0.92 | -0.91 | -0.65 | -0.66 | -0.41 | -0.58 | -0.84 | -1.07 | -1.45 | -1.78 | -1.73 | -1.65 | -1.32 | -1.32 | -1.37 | -1.61 | -1.80 | -1.75 | -1.43 | -1.69 | -1.62 | -0.57 | -0.30 |
| | 0.00 | -0.32 | -0.17 | -0.62 | -0.16 | -0.05 | -0.10 | -0.16 | -0.38 | -0.48 | 0.00 | -0.22 | -0.69 | -0.70 | -0.69 | -0.83 | -1.19 | -2.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |