

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

03/28/2016

| 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 | 18.69 | 16.82 | 14.76 | 14.86 | 14.59 | 16.48 | 22.21 | 23.44 | 22.26 | 24.93 | 26.12 | 26.05 | 25.94 | 23.86 | 22.91 | 23.43 | 24.15 | 26.04 | 27.15 | 31.93 | 27.85 | 23.02 | 24.26 | 19.60 |
| 61757 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.16 | 0.40 | 0.80 | 1.04 | 0.89 | 0.86 | 0.83 | 0.85 | 0.79 | 0.61 | 0.74 | 0.63 | 0.72 | 0.87 | 0.95 | 0.80 | 0.20 | 0.15 |
| | -18.67 | -16.80 | -14.75 | -14.85 | -14.49 | -16.17 | -18.79 | -15.95 | -9.32 | -9.06 | -11.96 | -12.37 | -12.71 | -10.34 | -9.95 | -13.29 | -11.64 | -14.93 | -14.94 | -18.41 | -12.93 | -10.04 | -20.64 | -16.52 |
| CENTRL | 2.02 | 1.83 | 1.60 | 1.61 | 1.66 | 2.05 | 5.35 | 9.59 | 15.33 | 18.19 | 16.68 | 16.32 | 15.73 | 15.70 | 14.96 | 12.33 | 14.55 | 13.53 | 14.61 | 16.48 | 17.35 | 14.83 | 5.83 | 4.81 |
| 61754 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.19 | 0.33 | 0.49 | 0.45 | 0.45 | 0.42 | 0.38 | 0.32 | 0.24 | 0.29 | 0.23 | 0.29 | 0.35 | 0.39 | 0.30 | 0.06 | 0.08 |
| | -2.01 | -1.81 | -1.59 | -1.60 | -1.56 | -1.74 | -2.03 | -2.31 | -2.86 | -2.87 | -2.96 | -3.05 | -2.91 | -2.64 | -2.47 | -2.56 | -2.49 | -2.83 | -2.84 | -3.48 | -3.00 | -2.35 | -2.33 | -1.81 |
| DUNWOD | 13.87 | 12.49 | 10.96 | 11.03 | 10.86 | 12.33 | 17.58 | 19.77 | 20.60 | 23.48 | 23.90 | 23.67 | 23.45 | 21.99 | 21.14 | 20.60 | 21.93 | 22.88 | 23.98 | 27.91 | 25.32 | 21.16 | 19.05 | 15.44 |
| 61760 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 0.38 | 0.84 | 1.60 | 1.99 | 1.83 | 1.76 | 1.70 | 1.71 | 1.64 | 1.30 | 1.60 | 1.42 | 1.52 | 1.68 | 1.82 | 1.58 | 0.41 | 0.33 |
| | -13.86 | -12.47 | -10.95 | -11.02 | -10.75 | -12.00 | -13.95 | -11.84 | -6.85 | -6.67 | -8.79 | -9.10 | -9.35 | -7.61 | -7.32 | -9.77 | -8.56 | -10.98 | -10.99 | -13.57 | -9.53 | -7.40 | -15.22 | -12.18 |
| GENESE | 1.63 | 1.48 | 1.29 | 1.30 | 1.35 | 1.70 | 4.87 | 8.49 | 13.03 | 15.88 | 14.59 | 14.19 | 13.79 | 13.78 | 13.14 | 9.61 | 12.88 | 10.57 | 12.86 | 14.47 | 15.33 | 13.15 | 5.24 | 4.37 |
| 61753 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.01 | 0.06 | 0.25 | 0.27 | 0.27 | 0.26 | 0.19 | 0.09 | 0.04 | 0.08 | 0.00 | 0.06 | 0.19 | 0.22 | 0.09 | -0.02 | -0.01 |
| | -1.62 | -1.46 | -1.28 | -1.29 | -1.26 | -1.40 | -1.63 | -1.38 | -0.82 | -0.80 | -1.06 | -1.10 | -1.13 | -0.92 | -0.88 | -0.04 | -1.03 | -0.10 | -1.32 | -1.63 | -1.14 | -0.89 | -1.83 | -1.45 |
| H Q | 0.01 | 0.02 | 0.01 | 0.01 | 0.10 | 0.29 | 3.16 | 6.87 | 11.72 | 14.27 | 12.74 | 12.31 | 11.91 | 12.19 | 11.75 | 9.19 | 11.34 | 10.11 | 11.08 | 12.18 | 13.45 | 11.75 | 3.32 | 2.84 |
| 61844 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.09 | -0.23 | -0.43 | -0.56 | -0.53 | -0.51 | -0.50 | -0.48 | -0.43 | -0.34 | -0.42 | -0.37 | -0.40 | -0.47 | -0.52 | -0.43 | -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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HUD VL | 13.66 | 12.30 | 10.79 | 10.87 | 10.71 | 12.16 | 17.33 | 19.48 | 20.27 | 23.10 | 23.49 | 23.29 | 23.05 | 21.62 | 20.78 | 20.25 | 21.56 | 22.50 | 23.60 | 27.46 | 24.91 | 20.80 | 18.74 | 15.20 |
| 61758 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 0.34 | 0.72 | 1.38 | 1.70 | 1.57 | 1.51 | 1.45 | 1.46 | 1.40 | 1.10 | 1.36 | 1.21 | 1.31 | 1.47 | 1.58 | 1.35 | 0.35 | 0.30 |
| | -13.65 | -12.28 | -10.78 | -10.86 | -10.60 | -11.83 | -13.73 | -11.66 | -6.74 | -6.56 | -8.66 | -8.95 | -9.20 | -7.49 | -7.20 | -9.62 | -8.43 | -10.81 | -10.82 | -13.34 | -9.37 | -7.27 | -14.96 | -11.97 |
| LONGIL | 13.87 | 12.49 | 10.96 | 11.03 | 11.34 | 12.35 | 18.72 | 20.10 | 21.14 | 24.29 | 25.34 | 26.18 | 25.50 | 23.97 | 22.16 | 21.15 | 24.53 | 26.92 | 28.63 | 34.94 | 30.54 | 26.13 | 19.20 | 15.57 |
| 61762 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 0.64 | 1.16 | 2.14 | 2.77 | 2.88 | 2.77 | 2.64 | 2.66 | 2.45 | 1.82 | 2.47 | 2.21 | 2.42 | 2.71 | 2.96 | 2.47 | 0.55 | 0.46 |
| | -13.86 | -12.47 | -10.95 | -11.02 | -11.22 | -12.00 | -14.83 | -11.84 | -6.86 | -6.69 | -9.19 | -10.59 | -10.45 | -8.63 | -7.53 | -9.80 | -10.29 | -14.24 | -14.73 | -19.58 | -13.61 | -11.48 | -15.22 | -12.18 |
| MHK VL | 1.72 | 1.56 | 1.36 | 1.36 | 1.42 | 1.77 | 5.05 | 8.72 | 13.18 | 15.93 | 14.59 | 14.16 | 13.77 | 13.82 | 13.27 | 10.83 | 12.95 | 11.92 | 12.94 | 14.48 | 15.34 | 13.23 | 5.28 | 4.41 |
| 61756 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.16 | 0.23 | 0.31 | 0.28 | 0.27 | 0.26 | 0.25 | 0.23 | 0.14 | 0.18 | 0.15 | 0.16 | 0.23 | 0.25 | 0.18 | 0.05 | 0.04 |
| | -1.71 | -1.53 | -1.35 | -1.35 | -1.31 | -1.47 | -1.72 | -1.46 | -0.81 | -0.79 | -1.04 | -1.07 | -1.10 | -0.90 | -0.86 | -1.15 | -1.01 | -1.30 | -1.30 | -1.60 | -1.12 | -0.87 | -1.79 | -1.44 |
| MILLWD | 13.97 | 12.58 | 11.03 | 11.10 | 10.94 | 12.41 | 17.67 | 19.84 | 20.61 | 23.49 | 23.93 | 23.70 | 23.47 | 22.00 | 21.14 | 20.63 | 21.96 | 22.93 | 24.03 | 27.99 | 25.35 | 21.19 | 19.15 | 15.52 |
| 61759 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 0.37 | 0.83 | 1.57 | 1.94 | 1.80 | 1.72 | 1.65 | 1.67 | 1.59 | 1.26 | 1.57 | 1.39 | 1.48 | 1.67 | 1.79 | 1.56 | 0.40 | 0.33 |
| | -13.95 | -12.55 | -11.02 | -11.09 | -10.82 | -12.08 | -14.04 | -11.92 | -6.90 | -6.71 | -8.86 | -9.16 | -9.41 | -7.66 | -7.37 | -9.84 | -8.62 | -11.06 | -11.07 | -13.67 | -9.60 | -7.45 | -15.32 | -12.26 |
| N.Y.C. | 13.87 | 12.49 | 10.96 | 11.03 | 10.86 | 12.33 | 17.59 | 19.82 | 20.72 | 23.63 | 24.03 | 23.81 | 23.57 | 22.13 | 21.27 | 20.71 | 22.06 | 22.99 | 24.10 | 28.00 | 25.41 | 21.28 | 19.09 | 15.46 |
| 61761 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 0.39 | 0.89 | 1.72 | 2.14 | 1.96 | 1.90 | 1.82 | 1.85 | 1.78 | 1.40 | 1.73 | 1.54 | 1.63 | 1.78 | 1.91 | 1.70 | 0.44 | 0.35 |
| | -13.86 | -12.47 | -10.95 | -11.02 | -10.75 | -12.00 | -13.95 | -11.83 | -6.85 | -6.66 | -8.79 | -9.10 | -9.35 | -7.60 | -7.31 | -9.77 | -8.56 | -10.98 | -10.99 | -13.57 | -9.53 | -7.40 | -15.22 | -12.18 |
| NORTH | 0.01 | 0.02 | 0.01 | 0.01 | 0.10 | 0.29 | 3.13 | 6.80 | 11.51 | 14.00 | 12.44 | 12.00 | 11.63 | 11.95 | 11.54 | 9.00 | 11.12 | 9.91 | 10.85 | 11.97 | 13.21 | 11.52 | 3.29 | 2.77 |
| 61755 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.13 | -0.30 | -0.63 | -0.83 | -0.84 | -0.82 | -0.77 | -0.72 | -0.63 | -0.53 | -0.65 | -0.57 | -0.63 | -0.68 | -0.75 | -0.66 | -0.14 | -0.16 |
| | 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 | 16.28 | 14.66 | 12.87 | 12.95 | 12.73 | 14.41 | 19.86 | 21.52 | 21.22 | 23.92 | 24.73 | 24.60 | 24.44 | 22.69 | 21.80 | 21.80 | 22.82 | 24.25 | 25.36 | 29.58 | 26.30 | 21.86 | 21.42 | 17.34 |
| 61845 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.23 | 0.53 | 1.04 | 1.28 | 1.15 | 1.11 | 1.08 | 1.10 | 1.05 | 0.81 | 1.01 | 0.90 | 1.00 | 1.11 | 1.23 | 1.06 | 0.26 | 0.21 |
| | -16.27 | -14.64 | -12.86 | -12.94 | -12.63 | -14.09 | -16.37 | -13.90 | -8.03 | -7.81 | -10.31 | -10.66 | -10.96 | -8.92 | -8.58 | -11.46 | -10.04 | -12.88 | -12.88 | -15.81 | -11.11 | -8.62 | -17.73 | -14.19 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| OH 61846 | 2.00 | 1.56 | 1.44 | 1.27 | 1.41 | 1.84 | 4.63 | 5.96 | 7.00 | 6.09 | 5.51 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 5.39 | 6.34 | 10.00 | 9.00 | 7.55 | 4.82 | 4.90 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 | 0.05 | 0.17 | 0.46 | 0.42 | 0.42 | 0.37 | 0.33 | 0.22 | 0.13 | 0.16 | 0.03 | 0.07 | 0.23 | 0.28 | 0.19 | -0.01 | 0.05 |
| | -1.99 | -1.54 | -1.43 | -1.26 | -1.31 | -1.54 | -1.41 | 1.19 | 5.31 | 9.20 | 8.19 | 8.38 | 7.91 | 8.14 | 7.54 | 4.81 | 7.07 | 5.11 | 5.21 | 2.88 | 5.25 | 4.82 | -1.40 | -1.92 |
| PJM 61847 | 9.19 | 8.28 | 7.27 | 7.31 | 7.23 | 8.27 | 12.74 | 16.24 | 21.20 | 24.17 | 23.48 | 23.26 | 22.61 | 21.72 | 20.71 | 18.94 | 20.78 | 20.90 | 22.00 | 25.53 | 24.48 | 20.49 | 13.92 | 11.24 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.24 | 0.57 | 1.08 | 1.42 | 1.31 | 1.26 | 1.19 | 1.19 | 1.11 | 0.86 | 1.07 | 0.91 | 0.99 | 1.15 | 1.24 | 1.07 | 0.26 | 0.24 |
| | -9.18 | -8.26 | -7.26 | -7.30 | -7.12 | -7.95 | -9.24 | -8.57 | -7.98 | -7.92 | -8.90 | -9.19 | -9.02 | -7.86 | -7.42 | -8.55 | -7.94 | -9.52 | -9.53 | -11.72 | -9.27 | -7.24 | -10.23 | -8.07 |
| WEST 61752 | 2.12 | 1.92 | 1.68 | 1.69 | 1.74 | 2.13 | 5.40 | 15.00 | 29.87 | 33.19 | 30.00 | 30.00 | 27.87 | 27.78 | 25.98 | 20.15 | 24.25 | 21.85 | 24.15 | 28.21 | 30.00 | 24.84 | 6.66 | 5.03 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.23 | 0.51 | 0.87 | 0.80 | 0.78 | 0.72 | 0.67 | 0.54 | 0.38 | 0.46 | 0.27 | 0.33 | 0.56 | 0.64 | 0.50 | 0.07 | 0.12 |
| | -2.11 | -1.90 | -1.67 | -1.68 | -1.64 | -1.83 | -2.13 | -7.68 | -17.22 | -17.49 | -15.93 | -16.40 | -14.75 | -14.44 | -13.27 | -10.23 | -12.02 | -11.11 | -12.34 | -15.00 | -15.39 | -12.17 | -3.16 | -1.98 |