

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

09/02/2017

| 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 | 15.73 | 12.55 | 11.45 | 9.90 | 10.16 | 11.15 | 12.42 | 13.07 | 13.67 | 16.22 | 16.29 | 16.95 | 15.88 | 16.11 | 15.99 | 17.14 | 17.19 | 17.43 | 17.57 | 18.86 | 21.43 | 16.19 | 15.31 | 15.14 |
| 61757 | 0.50 | 0.46 | 0.40 | 0.37 | 0.38 | 0.41 | 0.48 | 0.45 | 0.67 | 0.86 | 0.88 | 0.88 | 0.89 | 0.87 | 0.86 | 0.88 | 0.89 | 0.87 | 0.88 | 0.96 | 1.02 | 0.86 | 0.69 | 0.49 |
| | -7.88 | -5.67 | -5.36 | -4.23 | -4.43 | -5.25 | -5.47 | -6.07 | -3.73 | -3.45 | -2.61 | -3.07 | -2.14 | -2.23 | -2.10 | -2.71 | -2.15 | -2.76 | -2.90 | -3.29 | -5.12 | -2.42 | -4.05 | -7.10 |
| CENTRL | 8.32 | 7.15 | 6.35 | 5.81 | 5.89 | 6.13 | 7.17 | 7.31 | 9.71 | 12.34 | 13.12 | 13.36 | 13.12 | 13.30 | 13.30 | 13.92 | 14.46 | 14.14 | 14.16 | 15.05 | 15.89 | 13.22 | 10.96 | 8.31 |
| 61754 | 0.10 | 0.10 | 0.07 | 0.04 | 0.05 | 0.06 | 0.10 | 0.08 | 0.03 | 0.05 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 0.07 | 0.10 | 0.08 | 0.10 | 0.13 | 0.12 | 0.08 | 0.00 | 0.08 |
| | -0.87 | -0.63 | -0.59 | -0.47 | -0.49 | -0.58 | -0.61 | -0.67 | -0.41 | -0.38 | -0.29 | -0.34 | -0.24 | -0.25 | -0.23 | -0.30 | -0.21 | -0.26 | -0.28 | -0.31 | -0.49 | -0.23 | -0.39 | -0.68 |
| DUNWOD | 14.31 | 11.54 | 10.45 | 9.14 | 9.35 | 10.14 | 11.39 | 11.99 | 13.24 | 16.00 | 16.35 | 16.94 | 16.05 | 16.30 | 16.24 | 17.31 | 17.47 | 17.55 | 17.65 | 18.84 | 20.97 | 16.27 | 14.82 | 13.68 |
| 61760 | 0.84 | 0.71 | 0.60 | 0.55 | 0.56 | 0.57 | 0.68 | 0.72 | 1.07 | 1.40 | 1.52 | 1.56 | 1.53 | 1.56 | 1.58 | 1.65 | 1.73 | 1.70 | 1.71 | 1.80 | 1.88 | 1.56 | 1.24 | 0.85 |
| | -6.13 | -4.41 | -4.17 | -3.28 | -3.44 | -4.08 | -4.25 | -4.72 | -2.90 | -2.68 | -2.03 | -2.38 | -1.67 | -1.73 | -1.64 | -2.10 | -1.60 | -2.05 | -2.16 | -2.45 | -3.81 | -1.80 | -3.01 | -5.28 |
| GENESE | 8.06 | 6.98 | 6.17 | 5.65 | 5.74 | 5.96 | 7.00 | 7.09 | 9.36 | 11.95 | 12.68 | 12.92 | 12.70 | 12.86 | 12.85 | 13.50 | 14.05 | 13.73 | 13.76 | 14.62 | 15.42 | 12.89 | 10.60 | 8.06 |
| 61753 | 0.01 | 0.05 | 0.01 | -0.03 | -0.01 | -0.01 | 0.05 | -0.01 | -0.25 | -0.27 | -0.36 | -0.35 | -0.35 | -0.36 | -0.30 | -0.27 | -0.28 | -0.25 | -0.23 | -0.26 | -0.21 | -0.29 | -0.05 | |
| | -0.71 | -0.51 | -0.48 | -0.38 | -0.40 | -0.47 | -0.49 | -0.55 | -0.34 | -0.31 | -0.23 | -0.28 | -0.19 | -0.20 | -0.19 | -0.24 | -0.17 | -0.21 | -0.22 | -0.25 | -0.40 | -0.19 | -0.31 | -0.55 |
| H Q | 7.06 | 6.17 | 5.47 | 5.12 | 5.16 | 5.29 | 6.20 | 6.31 | 8.96 | 11.49 | 12.38 | 12.57 | 12.43 | 12.57 | 12.58 | 13.06 | 13.64 | 13.30 | 13.29 | 14.06 | 14.73 | 12.47 | 10.26 | 7.30 |
| 61844 | -0.29 | -0.26 | -0.21 | -0.19 | -0.19 | -0.20 | -0.26 | -0.25 | -0.32 | -0.42 | -0.42 | -0.43 | -0.42 | -0.44 | -0.44 | -0.49 | -0.51 | -0.50 | -0.50 | -0.54 | -0.55 | -0.44 | -0.32 | -0.26 |
| | 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 | 14.21 | 11.47 | 10.40 | 9.09 | 9.30 | 10.08 | 11.31 | 11.91 | 13.13 | 15.85 | 16.20 | 16.78 | 15.88 | 16.14 | 16.07 | 17.15 | 17.30 | 17.38 | 17.49 | 18.65 | 20.78 | 16.09 | 14.67 | 13.55 |
| 61758 | 0.76 | 0.66 | 0.57 | 0.52 | 0.52 | 0.53 | 0.61 | 0.66 | 0.97 | 1.28 | 1.38 | 1.40 | 1.38 | 1.41 | 1.42 | 1.50 | 1.56 | 1.54 | 1.56 | 1.62 | 1.71 | 1.39 | 1.10 | 0.76 |
| | -6.10 | -4.39 | -4.15 | -3.27 | -3.43 | -4.06 | -4.23 | -4.69 | -2.89 | -2.67 | -2.02 | -2.37 | -1.66 | -1.72 | -1.63 | -2.09 | -1.59 | -2.04 | -2.15 | -2.43 | -3.79 | -1.79 | -2.99 | -5.25 |
| LONGIL | 18.05 | 14.39 | 12.60 | 11.07 | 12.19 | 12.99 | 15.87 | 19.30 | 21.34 | 22.94 | 24.36 | 25.01 | 24.79 | 24.94 | 25.34 | 24.98 | 24.88 | 25.37 | 24.60 | 26.82 | 27.56 | 25.26 | 21.28 | 18.77 |
| 61762 | 1.07 | 0.90 | 0.78 | 0.71 | 0.72 | 0.74 | 0.89 | 0.92 | 1.34 | 1.79 | 1.87 | 1.91 | 1.89 | 1.93 | 1.94 | 2.02 | 2.11 | 2.10 | 2.12 | 2.26 | 2.37 | 1.95 | 1.56 | 1.09 |
| | -9.64 | -7.07 | -6.13 | -5.05 | -6.12 | -6.77 | -8.52 | -11.82 | -10.74 | -9.25 | -9.69 | -10.10 | -10.05 | -10.00 | -10.38 | -9.41 | -8.62 | -9.47 | -8.70 | -9.96 | -9.91 | -10.41 | -9.15 | -10.13 |
| MHK VL | 8.41 | 7.20 | 6.41 | 5.88 | 5.96 | 6.21 | 7.24 | 7.41 | 9.92 | 12.60 | 13.43 | 13.67 | 13.41 | 13.60 | 13.60 | 14.19 | 14.67 | 14.37 | 14.38 | 15.27 | 16.13 | 13.45 | 11.21 | 8.38 |
| 61756 | 0.14 | 0.12 | 0.10 | 0.08 | 0.10 | 0.11 | 0.14 | 0.15 | 0.21 | 0.29 | 0.32 | 0.31 | 0.31 | 0.33 | 0.33 | 0.32 | 0.33 | 0.32 | 0.33 | 0.37 | 0.38 | 0.32 | 0.26 | 0.17 |
| | -0.92 | -0.66 | -0.63 | -0.49 | -0.52 | -0.61 | -0.64 | -0.71 | -0.44 | -0.40 | -0.30 | -0.36 | -0.25 | -0.26 | -0.25 | -0.32 | -0.20 | -0.25 | -0.27 | -0.30 | -0.47 | -0.22 | -0.37 | -0.65 |
| MILLWD | 14.34 | 11.55 | 10.47 | 9.15 | 9.36 | 10.15 | 11.41 | 12.00 | 13.22 | 15.97 | 16.30 | 16.89 | 15.98 | 16.25 | 16.17 | 17.24 | 17.40 | 17.48 | 17.60 | 18.81 | 20.94 | 16.22 | 14.80 | 13.69 |
| 61759 | 0.82 | 0.69 | 0.59 | 0.55 | 0.55 | 0.55 | 0.67 | 0.70 | 1.03 | 1.36 | 1.46 | 1.49 | 1.45 | 1.50 | 1.50 | 1.57 | 1.64 | 1.61 | 1.64 | 1.74 | 1.82 | 1.50 | 1.18 | 0.81 |
| | -6.17 | -4.43 | -4.19 | -3.31 | -3.47 | -4.11 | -4.28 | -4.75 | -2.92 | -2.70 | -2.04 | -2.40 | -1.68 | -1.74 | -1.65 | -2.12 | -1.61 | -2.07 | -2.18 | -2.47 | -3.84 | -1.82 | -3.03 | -5.32 |
| N.Y.C. | 14.42 | 11.62 | 10.53 | 9.20 | 9.41 | 10.19 | 11.45 | 12.05 | 13.34 | 16.16 | 16.52 | 17.59 | 16.21 | 16.48 | 16.41 | 17.48 | 18.10 | 18.18 | 18.21 | 19.36 | 21.55 | 16.43 | 14.97 | 13.78 |
| 61761 | 0.93 | 0.78 | 0.67 | 0.61 | 0.61 | 0.61 | 0.74 | 0.78 | 1.17 | 1.55 | 1.68 | 1.72 | 1.68 | 1.72 | 1.73 | 1.82 | 1.90 | 1.86 | 1.86 | 1.97 | 2.08 | 1.72 | 1.37 | 0.94 |
| | -6.13 | -4.41 | -4.17 | -3.29 | -3.45 | -4.09 | -4.25 | -4.72 | -2.90 | -2.70 | -2.04 | -2.88 | -1.68 | -1.75 | -1.65 | -2.12 | -2.05 | -2.53 | -2.57 | -2.79 | -4.19 | -1.81 | -3.01 | -5.29 |
| NORTH | 6.89 | 6.00 | 5.36 | 5.02 | 5.06 | 5.20 | 6.04 | 6.16 | 8.78 | 11.32 | 12.23 | 12.43 | 12.31 | 12.44 | 12.44 | 12.84 | 13.40 | 13.08 | 13.04 | 13.81 | 14.49 | 12.31 | 10.18 | 7.16 |
| 61755 | -0.46 | -0.42 | -0.32 | -0.28 | -0.28 | -0.29 | -0.43 | -0.39 | -0.49 | -0.60 | -0.58 | -0.57 | -0.54 | -0.57 | -0.59 | -0.71 | -0.75 | -0.72 | -0.74 | -0.79 | -0.80 | -0.59 | -0.40 | -0.39 |
| | 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 | 15.00 | 12.02 | 10.93 | 9.50 | 9.74 | 10.62 | 11.88 | 12.52 | 13.40 | 16.00 | 16.20 | 16.82 | 15.84 | 16.10 | 16.00 | 17.11 | 17.19 | 17.35 | 17.47 | 18.70 | 21.02 | 16.10 | 15.00 | 14.40 |
| 61845 | 0.59 | 0.52 | 0.45 | 0.41 | 0.42 | 0.43 | 0.52 | 0.53 | 0.79 | 1.00 | 1.06 | 1.08 | 1.07 | 1.09 | 1.09 | 1.14 | 1.15 | 1.12 | 1.13 | 1.20 | 1.22 | 1.06 | 0.86 | 0.59 |
| | -7.06 | -5.08 | -4.80 | -3.78 | -3.97 | -4.70 | -4.90 | -5.43 | -3.34 | -3.09 | -2.33 | -2.75 | -1.92 | -2.00 | -1.88 | -2.42 | -1.89 | -2.43 | -2.56 | -2.90 | -4.52 | -2.14 | -3.57 | -6.26 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 8.23 | 7.12 | 6.30 | 5.73 | 5.83 | 6.07 | 7.11 | 7.17 | 9.23 | 11.66 | 12.30 | 12.56 | 12.31 | 12.49 | 12.48 | 13.11 | 13.63 | 13.32 | 13.36 | 14.19 | 15.00 | 12.52 | 10.39 | 8.15 |
| | -0.09 | 0.00 | -0.05 | -0.09 | -0.06 | -0.07 | -0.03 | -0.13 | -0.50 | -0.68 | -0.82 | -0.82 | -0.81 | -0.79 | -0.81 | -0.77 | -0.75 | -0.77 | -0.73 | -0.76 | -0.83 | -0.64 | -0.61 | -0.16 |
| | -0.97 | -0.70 | -0.66 | -0.52 | -0.55 | -0.65 | -0.67 | -0.75 | -0.46 | -0.42 | -0.32 | -0.38 | -0.26 | -0.27 | -0.26 | -0.33 | -0.23 | -0.29 | -0.31 | -0.35 | -0.54 | -0.26 | -0.43 | -0.75 |
| PJM 61847 | 10.61 | 8.85 | 7.92 | 7.07 | 7.21 | 7.67 | 8.79 | 9.08 | 10.87 | 13.46 | 14.01 | 14.49 | 13.89 | 14.10 | 14.07 | 14.87 | 15.36 | 15.20 | 15.25 | 16.20 | 17.54 | 14.08 | 12.19 | 10.30 |
| | 0.30 | 0.30 | 0.23 | 0.18 | 0.20 | 0.20 | 0.27 | 0.25 | 0.19 | 0.25 | 0.23 | 0.23 | 0.23 | 0.25 | 0.25 | 0.30 | 0.35 | 0.33 | 0.36 | 0.38 | 0.38 | 0.32 | 0.20 | 0.27 |
| | -2.96 | -2.13 | -2.01 | -1.59 | -1.66 | -1.97 | -2.05 | -2.28 | -1.40 | -1.30 | -0.98 | -1.26 | -0.81 | -0.84 | -0.79 | -1.02 | -0.85 | -1.07 | -1.11 | -1.23 | -1.87 | -0.85 | -1.41 | -2.48 |
| WEST 61752 | 8.32 | 7.22 | 6.38 | 5.80 | 5.91 | 6.14 | 7.21 | 7.24 | 9.34 | 11.83 | 12.49 | 12.75 | 12.51 | 12.70 | 12.67 | 13.30 | 13.86 | 13.53 | 13.58 | 14.39 | 15.21 | 12.70 | 10.51 | 8.25 |
| | 0.04 | 0.13 | 0.06 | 0.00 | 0.04 | 0.03 | 0.10 | -0.03 | -0.37 | -0.49 | -0.61 | -0.61 | -0.59 | -0.57 | -0.60 | -0.57 | -0.51 | -0.55 | -0.50 | -0.54 | -0.60 | -0.45 | -0.48 | -0.02 |
| | -0.93 | -0.67 | -0.63 | -0.50 | -0.52 | -0.62 | -0.64 | -0.71 | -0.44 | -0.41 | -0.31 | -0.36 | -0.25 | -0.26 | -0.25 | -0.32 | -0.22 | -0.28 | -0.30 | -0.33 | -0.52 | -0.25 | -0.41 | -0.72 |