

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

02/08/2017

| 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 | 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 | 27.89 | 24.61 | 22.13 | 21.77 | 24.00 | 25.71 | 27.62 | 26.60 | 26.55 | 28.03 | 29.44 | 28.36 | 25.10 | 24.48 | 24.16 | 23.97 | 27.57 | 37.53 | 36.26 | 32.96 | 30.02 | 26.95 | 24.66 | 24.28 |
| 61757 | 0.64 | 0.56 | 0.50 | 0.50 | 0.51 | 0.66 | 1.02 | 1.20 | 1.60 | 1.56 | 1.62 | 1.55 | 1.57 | 1.54 | 1.52 | 1.60 | 1.81 | 2.26 | 2.44 | 2.10 | 1.75 | 1.62 | 1.72 | 1.56 |
| | -16.64 | -14.92 | -13.37 | -13.23 | -14.91 | -14.39 | -10.49 | -5.04 | -1.01 | -2.87 | -2.90 | -2.88 | -0.11 | 0.00 | -0.32 | -0.13 | -0.26 | -4.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.42 |
| CENTRL | 12.78 | 11.08 | 10.00 | 9.76 | 10.51 | 12.61 | 17.80 | 21.47 | 24.40 | 24.28 | 25.59 | 24.59 | 23.82 | 23.34 | 22.70 | 22.54 | 25.83 | 31.83 | 34.33 | 31.35 | 28.75 | 25.81 | 23.26 | 22.66 |
| 61754 | 0.20 | 0.18 | 0.16 | 0.16 | 0.17 | 0.26 | 0.44 | 0.51 | 0.36 | 0.35 | 0.35 | 0.33 | 0.40 | 0.39 | 0.34 | 0.29 | 0.31 | 0.40 | 0.51 | 0.49 | 0.48 | 0.48 | 0.32 | 0.31 |
| | -1.97 | -1.77 | -1.58 | -1.57 | -1.77 | -1.70 | -1.25 | -0.60 | -0.10 | -0.33 | -0.32 | -0.33 | 0.00 | 0.00 | -0.04 | -0.02 | -0.03 | -0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.05 |
| DUNWOD | 23.93 | 21.03 | 18.91 | 18.56 | 20.41 | 22.26 | 25.43 | 26.10 | 27.15 | 28.25 | 29.73 | 28.64 | 25.95 | 25.40 | 24.95 | 24.81 | 28.67 | 37.70 | 37.51 | 34.19 | 31.23 | 27.71 | 25.03 | 24.51 |
| 61760 | 0.86 | 0.73 | 0.64 | 0.62 | 0.67 | 0.83 | 1.47 | 1.97 | 2.56 | 2.60 | 2.77 | 2.66 | 2.53 | 2.46 | 2.39 | 2.47 | 2.98 | 3.52 | 3.69 | 3.33 | 2.97 | 2.38 | 2.09 | 1.89 |
| | -12.46 | -11.17 | -10.01 | -9.91 | -11.16 | -10.77 | -7.85 | -3.77 | -0.66 | -2.06 | -2.04 | -2.06 | 0.00 | 0.00 | -0.24 | -0.10 | -0.20 | -3.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.32 |
| GENESE | 12.14 | 10.53 | 9.52 | 9.29 | 9.99 | 12.08 | 17.28 | 20.88 | 23.63 | 23.45 | 24.70 | 23.72 | 23.14 | 22.67 | 22.04 | 21.90 | 25.06 | 30.88 | 33.49 | 30.65 | 28.10 | 25.33 | 22.73 | 22.00 |
| 61753 | 0.00 | 0.03 | 0.03 | 0.04 | 0.04 | 0.11 | 0.19 | 0.06 | -0.38 | -0.40 | -0.47 | -0.46 | -0.28 | -0.27 | -0.31 | -0.36 | -0.46 | -0.43 | -0.34 | -0.21 | -0.17 | 0.00 | -0.21 | -0.33 |
| | -1.53 | -1.37 | -1.23 | -1.22 | -1.37 | -1.32 | -0.96 | -0.46 | -0.08 | -0.25 | -0.25 | -0.25 | 0.00 | 0.00 | -0.03 | -0.01 | -0.02 | -0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 |
| H Q | 10.25 | 8.81 | 7.97 | 7.75 | 8.27 | 10.26 | 15.46 | 19.58 | 22.12 | 18.17 | 18.29 | 18.17 | 18.17 | 18.17 | 18.17 | 18.17 | 22.30 | 26.00 | 26.00 | 22.30 | 23.40 | 24.49 | 22.14 | 18.60 |
| 61844 | -0.36 | -0.32 | -0.29 | -0.28 | -0.30 | -0.39 | -0.66 | -0.77 | -0.96 | -0.94 | -1.00 | -0.96 | -0.96 | -0.92 | -0.89 | -0.87 | -0.97 | -1.17 | -1.25 | -1.11 | -0.96 | -0.84 | -0.80 | -0.76 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.85 | 4.48 | 5.63 | 4.80 | 4.29 | 3.86 | 3.26 | 3.20 | 2.22 | 3.74 | 6.58 | 7.45 | 3.91 | 0.00 | 0.00 | 2.94 |
| HUD VL | 23.96 | 21.07 | 18.95 | 18.60 | 20.45 | 22.31 | 25.48 | 26.15 | 27.13 | 28.21 | 29.70 | 28.59 | 25.91 | 25.38 | 24.93 | 24.76 | 28.62 | 37.83 | 37.75 | 34.41 | 31.26 | 27.81 | 25.10 | 24.55 |
| 61758 | 0.88 | 0.76 | 0.68 | 0.65 | 0.70 | 0.87 | 1.50 | 2.02 | 2.54 | 2.55 | 2.74 | 2.61 | 2.48 | 2.43 | 2.37 | 2.42 | 2.93 | 3.65 | 3.92 | 3.55 | 2.99 | 2.48 | 2.16 | 1.94 |
| | -12.47 | -11.18 | -10.02 | -9.91 | -11.17 | -10.78 | -7.86 | -3.78 | -0.66 | -2.06 | -2.04 | -2.06 | 0.00 | 0.00 | -0.24 | -0.10 | -0.20 | -3.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.32 |
| LONGIL | 24.13 | 21.16 | 19.01 | 18.65 | 20.51 | 22.48 | 25.89 | 26.84 | 27.80 | 32.77 | 36.20 | 35.52 | 27.48 | 25.93 | 25.51 | 25.90 | 31.52 | 38.38 | 38.29 | 34.89 | 33.29 | 28.29 | 25.30 | 24.55 |
| 61762 | 1.06 | 0.86 | 0.73 | 0.71 | 0.77 | 1.04 | 1.90 | 2.50 | 3.18 | 3.16 | 3.41 | 3.23 | 3.02 | 2.96 | 2.92 | 2.94 | 3.49 | 4.20 | 4.46 | 4.01 | 3.56 | 2.96 | 2.36 | 1.94 |
| | -12.46 | -11.18 | -10.01 | -9.91 | -11.17 | -10.78 | -7.87 | -3.98 | -0.68 | -6.01 | -7.86 | -8.37 | -1.04 | -0.02 | -0.26 | -0.72 | -2.54 | -3.27 | 0.00 | -0.02 | -1.46 | 0.00 | 0.00 | -0.32 |
| MHK VL | 13.11 | 11.36 | 10.26 | 10.00 | 10.79 | 12.88 | 17.94 | 21.66 | 24.50 | 24.44 | 25.72 | 24.78 | 23.98 | 23.70 | 23.10 | 22.99 | 26.34 | 32.56 | 35.11 | 32.03 | 29.31 | 26.24 | 23.65 | 23.04 |
| 61756 | 0.20 | 0.17 | 0.15 | 0.14 | 0.15 | 0.23 | 0.45 | 0.65 | 0.72 | 0.73 | 0.80 | 0.77 | 0.77 | 0.76 | 0.74 | 0.73 | 0.82 | 1.08 | 1.29 | 1.17 | 1.05 | 0.91 | 0.71 | 0.69 |
| | -2.30 | -2.06 | -1.85 | -1.83 | -2.06 | -1.99 | -1.37 | -0.65 | 0.15 | -0.11 | 0.00 | -0.09 | 0.22 | 0.00 | -0.04 | -0.02 | -0.03 | -0.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.06 |
| MILLWD | 24.06 | 21.14 | 19.01 | 18.67 | 20.52 | 22.37 | 25.51 | 26.16 | 27.16 | 28.25 | 29.75 | 28.75 | 26.00 | 25.45 | 25.00 | 24.85 | 28.83 | 38.14 | 37.85 | 34.50 | 31.43 | 27.86 | 25.19 | 24.62 |
| 61759 | 0.87 | 0.74 | 0.65 | 0.63 | 0.68 | 0.84 | 1.47 | 2.00 | 2.56 | 2.57 | 2.77 | 2.75 | 2.58 | 2.50 | 2.43 | 2.51 | 3.13 | 3.93 | 4.02 | 3.64 | 3.17 | 2.53 | 2.25 | 2.01 |
| | -12.58 | -11.28 | -10.10 | -10.00 | -11.27 | -10.88 | -7.93 | -3.81 | -0.66 | -2.08 | -2.06 | -2.08 | 0.00 | 0.00 | -0.24 | -0.10 | -0.20 | -3.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.32 |
| N.Y.C. | 24.03 | 21.10 | 18.97 | 18.62 | 20.47 | 22.32 | 25.53 | 26.27 | 27.39 | 28.53 | 30.00 | 28.90 | 26.21 | 25.65 | 25.17 | 25.03 | 28.93 | 37.98 | 37.82 | 34.47 | 31.49 | 27.91 | 25.23 | 24.73 |
| 61761 | 0.96 | 0.79 | 0.70 | 0.68 | 0.73 | 0.90 | 1.56 | 2.14 | 2.80 | 2.88 | 3.04 | 2.92 | 2.79 | 2.71 | 2.61 | 2.69 | 3.24 | 3.80 | 3.99 | 3.61 | 3.22 | 2.58 | 2.29 | 2.12 |
| | -12.46 | -11.18 | -10.01 | -9.91 | -11.16 | -10.78 | -7.85 | -3.77 | -0.66 | -2.06 | -2.04 | -2.06 | 0.00 | 0.00 | -0.24 | -0.10 | -0.20 | -3.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.32 |
| NORTH | 9.93 | 8.51 | 7.72 | 7.51 | 8.00 | 9.93 | 14.93 | 19.01 | 19.22 | 19.15 | 19.18 | 19.27 | 19.25 | 21.36 | 20.79 | 20.80 | 23.96 | 29.12 | 32.03 | 29.32 | 26.94 | 24.24 | 21.79 | 21.22 |
| 61755 | -0.68 | -0.62 | -0.55 | -0.53 | -0.57 | -0.72 | -1.19 | -1.32 | -1.63 | -1.61 | -1.67 | -1.60 | -1.64 | -1.58 | -1.54 | -1.45 | -1.53 | -1.79 | -1.79 | -1.54 | -1.33 | -1.09 | -1.15 | -1.07 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 3.09 | 2.84 | 4.07 | 3.05 | 2.53 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NPX | 26.12 | 23.00 | 20.70 | 20.34 | 22.41 | 24.18 | 26.61 | 26.32 | 26.70 | 28.00 | 29.39 | 28.33 | 25.30 | 24.78 | 24.42 | 24.27 | 27.97 | 37.48 | 36.67 | 33.33 | 30.41 | 27.18 | 24.73 | 24.30 |
| 61845 | 0.72 | 0.61 | 0.56 | 0.55 | 0.58 | 0.73 | 1.18 | 1.49 | 1.99 | 1.96 | 2.04 | 1.96 | 1.87 | 1.84 | 1.81 | 1.91 | 2.24 | 2.69 | 2.84 | 2.47 | 2.15 | 1.85 | 1.79 | 1.63 |
| | -14.79 | -13.26 | -11.88 | -11.76 | -13.25 | -12.79 | -9.31 | -4.48 | -0.78 | -2.45 | -2.42 | -2.45 | 0.00 | 0.00 | -0.28 | -0.12 | -0.23 | -3.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.38 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 12.66 | 11.00 | 9.96 | 9.73 | 10.45 | 12.45 | 17.24 | 20.56 | 22.92 | 22.79 | 23.99 | 23.00 | 22.00 | 21.27 | 21.25 | 21.06 | 24.12 | 29.79 | 31.12 | 29.12 | 26.92 | 24.54 | 22.21 | 21.50 |
| | -0.04 | 0.00 | 0.02 | 0.03 | 0.01 | -0.01 | -0.19 | -0.43 | -1.12 | -1.16 | -1.27 | -1.27 | -1.12 | -1.10 | -1.12 | -1.20 | -1.40 | -1.67 | -1.79 | -1.54 | -1.24 | -0.79 | -0.74 | -0.85 |
| | -2.09 | -1.87 | -1.68 | -1.66 | -1.87 | -1.81 | -1.31 | -0.63 | -0.11 | -0.35 | -0.34 | -0.35 | 0.30 | 0.58 | -0.04 | -0.02 | -0.03 | -0.55 | 0.91 | 0.20 | 0.10 | 0.00 | 0.00 | -0.05 |
| PJM 61847 | 17.92 | 15.69 | 14.14 | 13.85 | 15.10 | 17.02 | 21.09 | 23.17 | 24.92 | 25.36 | 26.68 | 25.65 | 24.01 | 23.52 | 22.99 | 22.81 | 26.24 | 33.50 | 34.57 | 31.60 | 29.00 | 26.01 | 23.47 | 22.92 |
| | 0.36 | 0.33 | 0.30 | 0.29 | 0.30 | 0.36 | 0.60 | 0.71 | 0.62 | 0.61 | 0.62 | 0.57 | 0.59 | 0.57 | 0.53 | 0.51 | 0.64 | 0.77 | 0.74 | 0.74 | 0.73 | 0.68 | 0.53 | 0.45 |
| | -6.95 | -6.23 | -5.58 | -5.52 | -6.22 | -6.01 | -4.37 | -2.10 | -0.37 | -1.15 | -1.14 | -1.15 | 0.00 | 0.00 | -0.13 | -0.05 | -0.11 | -1.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 |
| WEST 61752 | 12.81 | 11.12 | 10.08 | 9.84 | 10.56 | 12.63 | 17.55 | 21.01 | 23.47 | 23.34 | 24.63 | 23.61 | 22.91 | 22.42 | 21.78 | 21.61 | 24.73 | 30.57 | 32.98 | 30.21 | 27.79 | 25.25 | 22.80 | 22.03 |
| | 0.19 | 0.19 | 0.21 | 0.20 | 0.19 | 0.23 | 0.16 | 0.04 | -0.57 | -0.59 | -0.62 | -0.64 | -0.52 | -0.53 | -0.58 | -0.65 | -0.79 | -0.87 | -0.84 | -0.65 | -0.48 | -0.08 | -0.14 | -0.31 |
| | -2.01 | -1.80 | -1.62 | -1.60 | -1.80 | -1.74 | -1.27 | -0.61 | -0.11 | -0.33 | -0.33 | -0.33 | 0.00 | 0.00 | -0.04 | -0.02 | -0.03 | -0.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.05 |