

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

04/22/2015

| 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 61757 | 20.54 0.59 -8.56 | 17.45 0.55 -6.39 | 15.15 0.54 -4.18 | 14.68 0.56 -3.51 | 15.91 0.57 -4.65 | 20.23 0.75 -5.56 | 31.82 0.96 -12.74 | 34.09 1.19 -11.62 | 34.45 1.50 -9.21 | 37.31 1.46 -12.61 | 39.17 1.49 -14.48 | 39.94 1.47 -14.81 | 38.85 1.38 -14.93 | 37.18 1.23 -15.06 | 34.85 1.21 -12.78 | 33.38 1.19 -11.31 | 33.39 1.19 -11.36 | 35.94 1.23 -13.84 | 33.89 1.27 -11.77 | 39.12 1.36 -16.89 | 42.46 1.73 -14.05 | 30.98 1.27 -8.85 | 26.30 1.22 -4.41 | 23.39 0.73 -7.66 |
| CENTRL 61754 | 12.48 0.09 -1.00 | 11.37 0.12 -0.74 | 11.04 0.13 -0.49 | 11.14 0.13 -0.41 | 11.36 0.13 -0.54 | 14.74 0.18 -0.65 | 19.93 0.33 -1.48 | 23.11 0.47 -1.37 | 25.25 0.43 -1.08 | 25.18 0.37 -1.57 | 25.97 0.49 -2.28 | 25.77 0.38 -1.73 | 24.60 0.32 -1.74 | 22.87 0.23 -1.76 | 22.47 0.13 -1.49 | 22.30 0.10 -1.32 | 22.26 0.08 -1.33 | 22.62 0.13 -1.63 | 22.35 0.13 -1.38 | 23.06 0.21 -1.98 | 29.03 0.48 -1.87 | 22.02 0.13 -1.04 | 21.32 0.12 -0.52 | 15.94 0.05 -0.90 |
| DUNWOD 61760 | 18.94 1.13 -6.42 | 16.34 1.04 -4.79 | 14.59 1.02 -3.13 | 14.27 1.03 -2.64 | 15.22 1.04 -3.49 | 19.41 1.32 -4.17 | 29.50 1.83 -9.56 | 32.19 2.21 -8.71 | 33.36 2.73 -6.89 | 35.40 2.74 -9.43 | 36.82 2.78 -10.83 | 37.53 2.79 -11.08 | 36.39 2.68 -11.16 | 34.63 2.48 -11.26 | 32.87 2.46 -9.56 | 31.82 2.48 -8.46 | 31.83 2.48 -8.51 | 33.67 2.44 -10.37 | 32.02 2.35 -8.82 | 35.86 2.34 -12.66 | 40.35 3.15 -10.52 | 29.86 2.38 -6.63 | 26.27 2.29 -3.31 | 22.25 1.51 -5.74 |
| GENESE 61753 | 11.92 -0.28 -0.81 | 10.88 -0.23 -0.61 | 10.63 -0.20 -0.40 | 10.74 -0.20 -0.33 | 10.93 -0.20 -0.44 | 14.11 -0.33 -0.53 | 18.80 -0.53 -1.21 | 22.07 -0.32 -1.11 | 24.05 -0.57 -0.88 | 23.89 -0.58 -1.24 | 24.57 -0.35 -1.71 | 24.44 -0.62 -1.39 | 23.29 -0.65 -1.40 | 21.65 -0.65 -1.41 | 21.18 -0.88 -1.20 | 20.97 -0.96 -1.06 | 20.91 -1.02 -1.09 | 21.27 -0.92 -1.32 | 21.09 -0.87 -1.12 | 21.75 -0.73 -1.61 | 27.38 -0.64 -1.34 | 20.91 -0.79 -0.85 | 20.39 -0.70 -0.42 | 15.16 -0.57 -0.73 |
| H Q 61844 | 11.12 -0.27 0.00 | 10.25 -0.26 0.00 | 10.16 -0.27 0.00 | 10.33 -0.28 0.00 | 10.41 -0.28 0.00 | 13.57 -0.35 0.00 | 17.63 -0.49 0.00 | 20.59 -0.68 0.00 | 22.94 -0.81 0.00 | 22.47 -0.77 0.00 | 22.34 -0.86 0.00 | 22.86 -0.80 0.00 | 21.78 -0.77 0.00 | 20.24 -0.65 0.00 | 20.25 -0.61 0.00 | 20.27 -0.61 0.00 | 20.26 -0.58 0.00 | 20.28 -0.58 0.00 | 20.26 -0.58 0.00 | 20.29 -0.63 -0.05 | 25.70 -0.93 0.05 | 20.27 -0.58 0.00 | 20.09 -0.58 0.00 | 14.68 -0.32 0.00 |
| HUD VL 61758 | 18.59 1.03 -6.17 | 16.07 0.96 -4.61 | 14.39 0.95 -3.01 | 14.09 0.95 -2.54 | 15.01 0.96 -3.35 | 19.14 1.21 -4.01 | 29.03 1.72 -9.19 | 31.76 2.11 -8.38 | 32.90 2.52 -6.64 | 34.83 2.51 -9.09 | 36.19 2.55 -10.44 | 36.90 2.56 -10.67 | 35.74 2.44 -10.76 | 33.98 2.24 -10.85 | 32.30 2.23 -9.21 | 31.26 2.23 -8.15 | 31.29 2.25 -8.19 | 33.08 2.23 -9.98 | 31.50 2.17 -8.49 | 35.18 2.13 -12.18 | 39.74 2.93 -10.13 | 29.41 2.17 -6.38 | 25.94 2.09 -3.18 | 21.89 1.38 -5.52 |
| LONGIL 61762 | 24.92 1.52 -12.01 | 20.96 1.40 -9.05 | 18.81 1.39 -6.99 | 19.33 1.40 -7.33 | 21.20 1.40 -9.11 | 25.47 1.82 -9.74 | 35.12 2.48 -14.52 | 40.15 2.91 -15.96 | 39.70 3.47 -12.49 | 40.05 3.39 -13.43 | 40.53 3.39 -13.94 | 40.55 3.38 -13.50 | 39.98 3.22 -14.20 | 38.47 2.96 -14.62 | 37.20 2.92 -13.42 | 34.89 3.01 -11.01 | 34.57 3.00 -10.72 | 34.83 2.98 -10.98 | 33.94 2.98 -10.12 | 48.02 2.86 -24.29 | 53.56 3.81 -23.06 | 32.90 3.00 -9.04 | 28.34 2.98 -4.69 | 24.19 1.98 -7.21 |
| MHK VL 61756 | 12.52 0.15 -0.97 | 11.40 0.17 -0.73 | 11.05 0.15 -0.48 | 11.16 0.16 -0.40 | 11.39 0.17 -0.53 | 14.81 0.26 -0.63 | 20.00 0.43 -1.45 | 23.19 0.64 -1.28 | 25.25 0.50 -1.01 | 25.04 0.44 -1.37 | 25.19 0.42 -1.57 | 25.77 0.50 -1.61 | 24.71 0.54 -1.62 | 22.79 0.27 -1.63 | 22.58 0.33 -1.39 | 22.44 0.33 -1.23 | 22.49 0.40 -1.25 | 22.70 0.31 -1.53 | 22.58 0.44 -1.30 | 23.21 0.48 -1.86 | 28.60 0.37 -1.55 | 22.27 0.44 -0.98 | 21.43 0.27 -0.49 | 15.99 0.15 -0.85 |
| MILLWD 61759 | 18.97 1.10 -6.47 | 16.36 1.02 -4.83 | 14.60 1.01 -3.16 | 14.28 1.02 -2.66 | 15.22 1.02 -3.52 | 19.43 1.31 -4.21 | 29.58 1.83 -9.63 | 32.29 2.23 -8.79 | 33.42 2.73 -6.95 | 35.46 2.72 -9.52 | 36.89 2.76 -10.93 | 37.61 2.77 -11.17 | 36.47 2.66 -11.26 | 34.69 2.44 -11.36 | 32.92 2.42 -9.64 | 31.85 2.44 -8.53 | 31.87 2.44 -8.59 | 33.73 2.40 -10.46 | 32.08 2.33 -8.90 | 35.96 2.32 -12.77 | 40.42 3.12 -10.62 | 29.86 2.31 -6.69 | 26.22 2.21 -3.34 | 22.25 1.47 -5.79 |
| N.Y.C. 61761 | 19.06 1.23 -6.43 | 16.44 1.12 -4.81 | 14.67 1.09 -3.14 | 14.35 1.10 -2.64 | 15.29 1.10 -3.50 | 19.52 1.42 -4.18 | 29.64 1.94 -9.58 | 32.36 2.36 -8.72 | 33.54 2.90 -6.90 | 35.61 2.93 -9.45 | 37.03 2.97 -10.85 | 37.74 2.98 -11.10 | 36.60 2.86 -11.19 | 34.85 2.67 -11.28 | 33.06 2.63 -9.58 | 32.05 2.69 -8.48 | 32.06 2.69 -8.53 | 33.86 2.61 -10.39 | 32.20 2.52 -8.84 | 36.01 2.46 -12.68 | 40.35 3.31 -10.36 | 30.06 2.56 -6.64 | 26.48 2.50 -3.31 | 22.39 1.65 -5.75 |
| NORTH 61755 | 10.81 -0.58 0.00 | 9.95 -0.56 0.00 | 9.84 -0.59 0.00 | 10.00 -0.60 0.00 | 10.08 -0.61 0.00 | 13.19 -0.72 0.00 | 17.17 -0.94 0.00 | 19.91 -1.36 0.00 | 21.92 -1.83 0.00 | 21.58 -1.65 0.00 | 21.25 -1.95 0.00 | 21.96 -1.70 0.00 | 20.92 -1.62 0.00 | 19.45 -1.44 0.00 | 19.48 -1.38 0.00 | 19.50 -1.38 0.00 | 19.70 -1.15 0.00 | 19.68 -1.19 0.00 | 19.74 -1.11 0.00 | 19.66 -1.21 0.00 | 24.65 -2.03 0.00 | 19.71 -1.15 0.00 | 19.35 -1.32 0.00 | 14.38 -0.62 0.00 |
| NPX 61845 | 19.94 0.84 -7.70 | 17.05 0.79 -5.75 | 14.98 0.79 -3.76 | 14.57 0.81 -3.16 | 15.69 0.81 -4.19 | 19.98 1.06 -5.01 | 30.91 1.32 -11.47 | 33.32 1.60 -10.45 | 34.06 2.04 -8.27 | 36.56 2.00 -11.33 | 38.26 2.04 -13.01 | 38.98 2.01 -13.30 | 37.87 1.92 -13.41 | 36.19 1.77 -13.53 | 34.09 1.75 -11.48 | 32.79 1.75 -10.16 | 32.79 1.73 -10.21 | 35.04 1.73 -12.45 | 33.18 1.75 -10.59 | 37.94 1.84 -15.24 | 41.53 2.27 -12.58 | 30.61 1.79 -7.96 | 26.40 1.76 -3.97 | 23.02 1.14 -6.89 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 12.16 | 11.12 | 10.83 | 10.91 | 11.11 | 14.22 | 19.06 | 22.00 | 23.73 | 23.21 | 22.00 | 24.26 | 23.15 | 21.58 | 21.06 | 20.87 | 20.74 | 21.22 | 20.90 | 21.82 | 26.29 | 20.67 | 20.23 | 15.22 |
| | -0.31 | -0.19 | -0.12 | -0.14 | -0.16 | -0.39 | -0.65 | -0.72 | -1.16 | -1.21 | -0.86 | -1.23 | -1.24 | -1.17 | -1.38 | -1.40 | -1.52 | -1.38 | -1.42 | -1.21 | -1.20 | -1.29 | -0.99 | -0.73 |
| | -1.07 | -0.80 | -0.52 | -0.44 | -0.58 | -0.70 | -1.60 | -1.45 | -1.14 | -1.18 | 0.34 | -1.83 | -1.84 | -1.86 | -1.58 | -1.40 | -1.42 | -1.73 | -1.47 | -2.16 | -0.81 | -1.11 | -0.55 | -0.96 |
| PJM 61847 | 16.10 | 14.16 | 13.03 | 12.88 | 13.51 | 17.29 | 25.25 | 28.04 | 29.49 | 30.79 | 32.74 | 32.11 | 30.97 | 29.28 | 28.04 | 27.37 | 27.32 | 28.56 | 27.50 | 30.11 | 35.47 | 26.14 | 23.84 | 19.34 |
| | 0.56 | 0.56 | 0.57 | 0.57 | 0.57 | 0.68 | 0.96 | 1.15 | 1.31 | 1.28 | 1.42 | 1.30 | 1.22 | 1.13 | 1.02 | 1.04 | 0.98 | 1.00 | 0.96 | 1.02 | 1.57 | 1.00 | 1.03 | 0.64 |
| | -4.14 | -3.10 | -2.02 | -1.70 | -2.25 | -2.70 | -6.17 | -5.62 | -4.44 | -6.28 | -8.13 | -7.14 | -7.20 | -7.26 | -6.17 | -5.46 | -5.49 | -6.69 | -5.69 | -8.21 | -7.22 | -4.28 | -2.13 | -3.70 |
| WEST 61752 | 12.36 | 11.32 | 11.04 | 11.12 | 11.32 | 14.48 | 19.40 | 22.50 | 24.27 | 25.75 | 34.00 | 24.82 | 23.63 | 22.04 | 21.46 | 21.28 | 21.09 | 21.60 | 21.26 | 22.14 | 31.76 | 21.04 | 20.61 | 15.45 |
| | -0.08 | 0.03 | 0.09 | 0.08 | 0.06 | -0.11 | -0.27 | -0.19 | -0.59 | -0.63 | -0.23 | -0.64 | -0.72 | -0.67 | -0.94 | -0.96 | -1.15 | -0.96 | -1.02 | -0.79 | -0.53 | -0.90 | -0.60 | -0.48 |
| | -1.05 | -0.78 | -0.51 | -0.43 | -0.57 | -0.68 | -1.56 | -1.42 | -1.12 | -3.14 | -11.03 | -1.79 | -1.80 | -1.82 | -1.54 | -1.37 | -1.39 | -1.69 | -1.44 | -2.07 | -5.61 | -1.08 | -0.54 | -0.94 |