

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

03/08/2016

| 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 | 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 | 16.79 | 15.19 | 13.79 | 13.69 | 15.25 | 16.51 | 19.85 | 21.24 | 20.48 | 21.18 | 21.96 | 21.24 | 19.07 | 18.13 | 17.56 | 19.51 | 21.58 | 28.28 | 37.53 | 25.79 | 21.42 | 20.05 | 16.85 | 14.88 |
| 61757 | 0.58 | 0.37 | 0.37 | 0.38 | 0.38 | 0.62 | 1.31 | 1.29 | 1.41 | 1.43 | 1.49 | 1.48 | 1.28 | 1.18 | 1.06 | 0.87 | 0.88 | 0.80 | 1.40 | 1.48 | 1.09 | 0.90 | 0.56 | 0.66 |
| | -7.76 | -9.47 | -8.17 | -8.06 | -9.53 | -7.67 | -1.51 | -2.01 | 0.00 | -0.13 | -0.02 | 0.00 | -0.21 | -0.39 | -1.36 | -7.00 | -9.09 | -16.86 | -18.57 | -3.81 | -4.99 | -5.68 | -8.02 | -4.55 |
| CENTRL | 9.28 | 6.39 | 6.15 | 6.14 | 6.38 | 9.12 | 18.07 | 20.17 | 21.25 | 22.00 | 23.17 | 22.20 | 19.69 | 18.35 | 16.80 | 14.07 | 14.43 | 14.23 | 21.89 | 21.83 | 16.07 | 14.16 | 9.18 | 10.29 |
| 61754 | -0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.06 | 0.21 | 0.13 | 0.12 | 0.18 | 0.23 | 0.20 | 0.09 | 0.07 | 0.05 | 0.22 | 0.27 | 0.19 | 0.39 | 0.18 | 0.06 | 0.04 | -0.02 | 0.09 |
| | -0.84 | -1.03 | -0.89 | -0.87 | -1.03 | -0.83 | -0.83 | -2.11 | -2.06 | -2.20 | -2.50 | -2.24 | -2.02 | -1.72 | -1.62 | -2.22 | -2.55 | -3.41 | -3.95 | -1.13 | -0.66 | -0.66 | -0.92 | -0.52 |
| DUNWOD | 15.47 | 13.32 | 12.18 | 12.12 | 13.35 | 15.11 | 20.43 | 21.93 | 21.74 | 22.51 | 23.35 | 22.56 | 20.58 | 19.31 | 18.33 | 19.03 | 20.73 | 25.93 | 35.27 | 26.13 | 21.11 | 19.45 | 15.30 | 14.24 |
| 61760 | 1.00 | 0.64 | 0.60 | 0.62 | 0.63 | 0.95 | 2.23 | 2.44 | 2.67 | 2.79 | 2.90 | 2.80 | 2.48 | 2.34 | 2.13 | 1.68 | 1.69 | 1.53 | 2.54 | 2.75 | 2.01 | 1.71 | 0.98 | 1.14 |
| | -6.01 | -7.34 | -6.33 | -6.24 | -7.38 | -5.94 | -1.17 | -1.56 | 0.00 | -0.10 | 0.00 | 0.00 | -0.53 | -0.42 | -1.05 | -5.72 | -7.43 | -13.77 | -15.18 | -2.87 | -3.76 | -4.28 | -6.04 | -3.43 |
| GENESE | 8.74 | 5.98 | 5.76 | 5.76 | 5.98 | 8.67 | 16.84 | 17.64 | 18.50 | 19.08 | 19.93 | 19.08 | 17.07 | 16.04 | 14.68 | 12.15 | 12.44 | 12.21 | 19.36 | 20.27 | 15.19 | 13.37 | 8.60 | 9.82 |
| 61753 | -0.38 | -0.18 | -0.19 | -0.18 | -0.18 | -0.22 | -0.32 | -0.47 | -0.57 | -0.51 | -0.51 | -0.42 | -0.53 | -0.55 | -0.58 | -0.23 | -0.13 | -0.20 | -0.16 | -0.60 | -0.61 | -0.62 | -0.41 | -0.27 |
| | -0.67 | -0.82 | -0.70 | -0.69 | -0.82 | -0.66 | -0.13 | -0.17 | 0.00 | 0.03 | 0.00 | 0.26 | -0.01 | -0.03 | -0.12 | -0.74 | -0.96 | -1.79 | -1.97 | -0.35 | -0.46 | -0.52 | -0.74 | -0.42 |
| H Q | 8.19 | 5.16 | 5.08 | 5.08 | 5.16 | 7.95 | 16.40 | 16.38 | 18.33 | 18.90 | 19.23 | 18.39 | 16.25 | 15.33 | 14.62 | 11.26 | 11.20 | 10.30 | 16.98 | 19.75 | 14.83 | 13.03 | 8.04 | 9.35 |
| 61844 | -0.26 | -0.18 | -0.17 | -0.17 | -0.18 | -0.28 | -0.63 | -0.61 | -0.67 | -0.73 | -0.80 | -0.77 | -0.62 | -0.58 | -0.51 | -0.37 | -0.41 | -0.33 | -0.58 | -0.76 | -0.51 | -0.43 | -0.23 | -0.33 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.95 | 0.08 | 0.00 | 0.41 | 0.60 | 0.71 | 0.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HUD VL | 15.34 | 13.18 | 12.06 | 12.00 | 13.21 | 15.00 | 20.36 | 21.80 | 21.59 | 22.35 | 23.22 | 22.42 | 20.36 | 19.15 | 18.19 | 18.86 | 20.55 | 25.71 | 35.00 | 25.90 | 20.89 | 19.24 | 15.09 | 14.10 |
| 61758 | 0.98 | 0.62 | 0.59 | 0.60 | 0.61 | 0.93 | 2.18 | 2.33 | 2.52 | 2.63 | 2.78 | 2.67 | 2.34 | 2.20 | 2.01 | 1.57 | 1.60 | 1.46 | 2.44 | 2.58 | 1.87 | 1.59 | 0.91 | 1.07 |
| | -5.91 | -7.22 | -6.22 | -6.14 | -7.26 | -5.84 | -1.15 | -1.53 | 0.00 | -0.10 | 0.00 | 0.00 | -0.44 | -0.39 | -1.04 | -5.66 | -7.34 | -13.62 | -15.01 | -2.80 | -3.68 | -4.18 | -5.90 | -3.35 |
| LONGIL | 15.81 | 13.56 | 12.55 | 12.96 | 13.62 | 15.44 | 26.52 | 22.70 | 22.20 | 22.93 | 23.61 | 22.82 | 20.94 | 19.58 | 18.61 | 19.22 | 20.91 | 26.15 | 35.83 | 26.87 | 21.78 | 19.96 | 15.60 | 14.42 |
| 61762 | 1.34 | 0.87 | 0.78 | 0.86 | 0.88 | 1.26 | 3.03 | 3.21 | 3.13 | 3.20 | 3.17 | 3.06 | 2.83 | 2.60 | 2.42 | 1.86 | 1.87 | 1.74 | 3.09 | 3.49 | 2.61 | 2.20 | 1.27 | 1.32 |
| | -6.02 | -7.35 | -6.51 | -6.85 | -7.41 | -5.95 | -6.46 | -1.56 | 0.00 | -0.10 | 0.00 | 0.00 | -0.53 | -0.42 | -1.05 | -5.72 | -7.43 | -13.78 | -15.18 | -2.87 | -3.83 | -4.30 | -6.05 | -3.43 |
| MHK VL | 9.74 | 6.78 | 6.51 | 6.50 | 6.78 | 9.49 | 17.88 | 18.86 | 19.74 | 20.31 | 21.09 | 20.41 | 18.22 | 17.16 | 15.78 | 13.18 | 13.50 | 13.66 | 21.22 | 21.74 | 16.46 | 14.58 | 9.53 | 10.51 |
| 61756 | 0.23 | 0.14 | 0.14 | 0.14 | 0.14 | 0.24 | 0.65 | 0.66 | 0.67 | 0.67 | 0.70 | 0.65 | 0.60 | 0.55 | 0.47 | 0.48 | 0.51 | 0.47 | 0.84 | 0.76 | 0.51 | 0.42 | 0.21 | 0.24 |
| | -1.06 | -1.30 | -1.12 | -1.10 | -1.30 | -1.02 | -0.20 | -0.27 | 0.00 | -0.02 | 0.05 | 0.00 | -0.05 | -0.06 | -0.17 | -1.07 | -1.38 | -2.57 | -2.83 | -0.47 | -0.61 | -0.70 | -1.04 | -0.59 |
| MILLWD | 15.49 | 13.35 | 12.21 | 12.14 | 13.38 | 15.14 | 20.44 | 21.95 | 21.74 | 22.47 | 23.35 | 22.54 | 20.57 | 19.26 | 18.28 | 19.01 | 20.73 | 25.95 | 35.35 | 26.14 | 21.10 | 19.46 | 15.31 | 14.23 |
| 61759 | 1.00 | 0.64 | 0.60 | 0.62 | 0.63 | 0.95 | 2.23 | 2.46 | 2.67 | 2.75 | 2.90 | 2.79 | 2.46 | 2.29 | 2.09 | 1.64 | 1.67 | 1.51 | 2.58 | 2.75 | 1.98 | 1.70 | 0.97 | 1.11 |
| | -6.04 | -7.37 | -6.36 | -6.27 | -7.41 | -5.96 | -1.18 | -1.57 | 0.00 | -0.10 | 0.00 | 0.00 | -0.53 | -0.42 | -1.06 | -5.74 | -7.44 | -13.81 | -15.22 | -2.88 | -3.78 | -4.30 | -6.07 | -3.44 |
| N.Y.C. | 15.53 | 13.36 | 12.21 | 12.15 | 13.38 | 15.14 | 20.48 | 22.02 | 21.88 | 22.65 | 23.51 | 22.72 | 20.71 | 19.43 | 18.43 | 19.13 | 20.82 | 26.00 | 35.38 | 26.25 | 21.20 | 19.54 | 15.37 | 14.33 |
| 61761 | 1.06 | 0.68 | 0.62 | 0.65 | 0.66 | 0.97 | 2.28 | 2.53 | 2.80 | 2.92 | 3.07 | 2.96 | 2.60 | 2.45 | 2.24 | 1.77 | 1.79 | 1.59 | 2.65 | 2.87 | 2.10 | 1.79 | 1.05 | 1.23 |
| | -6.02 | -7.34 | -6.34 | -6.25 | -7.39 | -5.95 | -1.17 | -1.56 | 0.00 | -0.10 | 0.00 | 0.00 | -0.53 | -0.42 | -1.05 | -5.72 | -7.43 | -13.78 | -15.18 | -2.87 | -3.76 | -4.28 | -6.04 | -3.43 |
| NORTH | 8.07 | 5.09 | 5.02 | 5.02 | 5.09 | 7.83 | 16.14 | 17.16 | 18.18 | 18.60 | 18.70 | 18.59 | 16.70 | 15.75 | 14.46 | 11.15 | 11.07 | 10.20 | 16.83 | 19.42 | 14.67 | 12.87 | 7.94 | 9.13 |
| 61755 | -0.38 | -0.26 | -0.23 | -0.24 | -0.25 | -0.39 | -0.89 | -0.77 | -0.90 | -1.02 | -1.21 | -1.17 | -0.88 | -0.81 | -0.68 | -0.49 | -0.53 | -0.43 | -0.72 | -1.09 | -0.67 | -0.59 | -0.34 | -0.54 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 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 | 16.15 | 14.32 | 13.03 | 12.95 | 14.36 | 15.83 | 20.04 | 21.45 | 20.94 | 21.64 | 22.45 | 21.71 | 19.62 | 18.56 | 17.83 | 19.21 | 21.10 | 27.12 | 36.33 | 25.85 | 21.21 | 19.72 | 16.13 | 14.57 |
| 61845 | 0.73 | 0.46 | 0.44 | 0.45 | 0.46 | 0.72 | 1.65 | 1.70 | 1.87 | 1.90 | 2.00 | 1.96 | 1.70 | 1.61 | 1.47 | 1.16 | 1.17 | 1.06 | 1.77 | 1.95 | 1.43 | 1.20 | 0.71 | 0.84 |
| | -6.98 | -8.52 | -7.35 | -7.24 | -8.57 | -6.89 | -1.36 | -1.81 | 0.00 | -0.11 | 0.00 | 0.00 | -0.34 | -0.40 | -1.22 | -6.41 | -8.32 | -15.43 | -17.00 | -3.39 | -4.45 | -5.06 | -7.14 | -4.05 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| OH | 8.96 | 6.27 | 6.00 | 6.00 | 6.26 | 8.84 | 14.40 | 11.00 | 11.29 | 11.61 | 11.50 | 11.70 | 10.07 | 10.13 | 9.53 | 8.00 | 8.21 | 8.81 | 14.32 | 17.21 | 14.71 | 13.23 | 8.66 | 10.00 |
| 61846 | -0.39 | -0.17 | -0.20 | -0.19 | -0.18 | -0.28 | -0.48 | -0.77 | -0.86 | -0.73 | -0.55 | -0.71 | -0.81 | -0.83 | -0.83 | -0.34 | -0.20 | -0.33 | -0.39 | -1.13 | -0.92 | -0.94 | -0.61 | -0.24 |
| | -0.90 | -1.10 | -0.95 | -0.94 | -1.11 | -0.89 | 2.15 | 6.16 | 6.92 | 7.29 | 8.39 | 7.35 | 6.70 | 5.60 | 4.78 | 3.30 | 3.20 | 1.48 | 2.85 | 2.17 | -0.29 | -0.71 | -1.00 | -0.57 |
| PJM | 12.95 | 10.55 | 9.76 | 9.72 | 10.57 | 12.70 | 19.89 | 22.40 | 22.73 | 23.60 | 24.82 | 23.75 | 21.34 | 19.85 | 18.51 | 17.87 | 19.26 | 22.22 | 31.42 | 24.78 | 18.97 | 17.12 | 12.72 | 12.60 |
| 61847 | 0.53 | 0.37 | 0.33 | 0.35 | 0.36 | 0.54 | 1.33 | 1.36 | 1.45 | 1.57 | 1.70 | 1.58 | 1.32 | 1.23 | 1.10 | 0.99 | 1.06 | 0.90 | 1.55 | 1.44 | 1.03 | 0.82 | 0.45 | 0.66 |
| | -3.97 | -4.84 | -4.18 | -4.12 | -4.87 | -3.93 | -1.53 | -3.10 | -2.21 | -2.41 | -2.68 | -2.41 | -2.45 | -2.06 | -2.27 | -5.25 | -6.60 | -10.69 | -12.32 | -2.84 | -2.61 | -2.83 | -4.00 | -2.27 |
| WEST | 9.06 | 6.31 | 6.04 | 6.05 | 6.31 | 8.93 | 24.14 | 37.64 | 40.00 | 41.96 | 46.36 | 42.34 | 37.91 | 33.54 | 30.00 | 25.77 | 26.97 | 24.97 | 42.97 | 31.08 | 16.56 | 13.34 | 8.66 | 10.11 |
| 61752 | -0.26 | -0.09 | -0.13 | -0.11 | -0.10 | -0.16 | -0.14 | -0.48 | -0.55 | -0.37 | -0.12 | -0.38 | -0.53 | -0.56 | -0.61 | -0.15 | 0.01 | -0.17 | -0.07 | -0.86 | -0.74 | -0.81 | -0.57 | -0.11 |
| | -0.87 | -1.06 | -0.92 | -0.90 | -1.07 | -0.86 | -7.25 | -20.19 | -21.48 | -22.71 | -26.04 | -22.96 | -20.86 | -17.55 | -15.47 | -14.29 | -15.35 | -14.51 | -25.49 | -11.43 | -1.96 | -0.68 | -0.96 | -0.54 |