

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

07/13/2016

| 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 | 22.70 | 20.05 | 16.77 | 14.89 | 14.53 | 14.89 | 19.99 | 24.03 | 26.55 | 30.00 | 33.38 | 36.53 | 40.06 | 43.86 | 49.20 | 53.34 | 57.08 | 53.91 | 44.92 | 39.24 | 36.90 | 35.24 | 30.65 | 26.97 |
| 61757 | 1.38 | 1.31 | 1.14 | 1.00 | 0.94 | 0.97 | 1.34 | 1.51 | 1.67 | 1.99 | 2.21 | 2.39 | 2.72 | 3.06 | 3.43 | 3.77 | 3.98 | 3.62 | 2.98 | 2.74 | 2.41 | 2.40 | 2.00 | 1.93 |
| | 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 |
| CENTRL 61754 | 21.61 | 18.93 | 15.72 | 14.03 | 13.78 | 14.12 | 18.89 | 22.73 | 25.37 | 29.09 | 33.25 | 36.77 | 40.70 | 44.98 | 50.44 | 54.60 | 58.10 | 54.20 | 44.36 | 37.84 | 35.45 | 33.60 | 29.25 | 25.24 |
| | 0.30 | 0.19 | 0.09 | 0.14 | 0.19 | 0.21 | 0.24 | 0.20 | 0.27 | 0.39 | 0.50 | 0.68 | 0.86 | 1.02 | 1.14 | 1.19 | 1.48 | 1.66 | 1.43 | 1.06 | 0.96 | 0.76 | 0.60 | 0.20 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.21 | -0.69 | -1.58 | -1.95 | -2.50 | -3.16 | -3.53 | -3.84 | -3.53 | -2.25 | -0.99 | -0.28 | 0.00 | 0.00 | 0.00 | 0.00 |
| DUNWOD 61760 | 23.60 | 20.77 | 17.28 | 15.29 | 14.95 | 15.33 | 20.62 | 25.23 | 27.90 | 31.20 | 34.57 | 37.52 | 41.04 | 44.84 | 50.30 | 54.53 | 58.51 | 54.96 | 45.59 | 39.93 | 37.83 | 36.32 | 31.82 | 28.04 |
| | 2.28 | 2.02 | 1.66 | 1.40 | 1.36 | 1.42 | 1.98 | 2.70 | 3.01 | 3.19 | 3.40 | 3.38 | 3.70 | 4.04 | 4.53 | 4.96 | 5.42 | 4.68 | 3.65 | 3.43 | 3.34 | 3.48 | 3.18 | 3.00 |
| | 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 | 0.00 |
| GENESE 61753 | 21.31 | 18.59 | 15.37 | 13.81 | 13.59 | 13.93 | 18.57 | 22.07 | 24.49 | 27.84 | 31.11 | 34.38 | 37.79 | 41.54 | 46.59 | 50.36 | 54.36 | 51.99 | 43.49 | 37.38 | 35.28 | 33.30 | 29.19 | 24.84 |
| | 0.00 | -0.15 | -0.25 | -0.08 | 0.00 | 0.01 | -0.07 | -0.45 | -0.40 | -0.17 | -0.06 | 0.24 | 0.45 | 0.74 | 0.82 | 0.79 | 1.27 | 1.71 | 1.55 | 0.87 | 0.79 | 0.46 | 0.54 | -0.20 |
| | 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 |
| H Q 61844 | 20.63 | 18.14 | 15.12 | 13.43 | 13.15 | 13.42 | 18.03 | 21.78 | 24.04 | 27.09 | 30.17 | 33.04 | 36.11 | 39.37 | 44.16 | 47.88 | 51.13 | 48.52 | 40.47 | 35.19 | 33.32 | 31.73 | 27.64 | 24.19 |
| | -0.68 | -0.60 | -0.50 | -0.46 | -0.45 | -0.49 | -0.61 | -0.74 | -0.85 | -0.92 | -1.00 | -1.09 | -1.23 | -1.43 | -1.60 | -1.69 | -1.96 | -1.76 | -1.47 | -1.31 | -1.17 | -1.12 | -1.00 | -0.85 |
| | 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 61758 | 23.53 | 20.75 | 17.27 | 15.31 | 14.97 | 15.32 | 20.53 | 24.96 | 27.62 | 30.95 | 34.32 | 37.38 | 40.92 | 44.80 | 50.30 | 54.63 | 58.56 | 55.16 | 45.76 | 40.01 | 37.80 | 36.20 | 31.65 | 27.92 |
| | 2.22 | 2.01 | 1.64 | 1.42 | 1.37 | 1.40 | 1.88 | 2.43 | 2.74 | 2.94 | 3.15 | 3.24 | 3.58 | 4.00 | 4.53 | 5.06 | 5.47 | 4.88 | 3.82 | 3.50 | 3.31 | 3.35 | 3.01 | 2.88 |
| | 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 |
| LONGIL 61762 | 25.21 | 21.35 | 17.65 | 15.46 | 15.11 | 15.56 | 22.58 | 26.67 | 28.77 | 32.43 | 35.85 | 37.93 | 41.74 | 45.08 | 50.71 | 55.32 | 59.94 | 56.11 | 45.96 | 40.33 | 38.39 | 37.25 | 35.79 | 29.45 |
| | 2.96 | 2.60 | 2.02 | 1.57 | 1.51 | 1.64 | 2.57 | 3.45 | 3.88 | 4.20 | 4.67 | 3.79 | 4.40 | 4.28 | 4.94 | 5.75 | 6.85 | 5.83 | 4.03 | 3.83 | 3.90 | 4.40 | 4.33 | 3.95 |
| | -0.93 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -1.36 | -0.70 | 0.00 | -0.22 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | -2.82 | -0.45 |
| MHK VL 61756 | 21.93 | 19.23 | 15.99 | 14.21 | 13.93 | 14.26 | 19.13 | 23.18 | 25.68 | 28.96 | 32.39 | 35.57 | 38.87 | 42.47 | 47.69 | 51.60 | 55.32 | 52.44 | 43.78 | 37.96 | 35.87 | 34.12 | 29.62 | 25.72 |
| | 0.62 | 0.49 | 0.36 | 0.32 | 0.34 | 0.35 | 0.48 | 0.65 | 0.80 | 0.95 | 1.21 | 1.43 | 1.53 | 1.67 | 1.92 | 2.03 | 2.23 | 2.16 | 1.84 | 1.46 | 1.38 | 1.28 | 0.97 | 0.68 |
| | 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 |
| MILLWD 61759 | 23.51 | 20.73 | 17.25 | 15.28 | 14.94 | 15.28 | 20.55 | 25.09 | 27.77 | 31.12 | 34.51 | 37.52 | 41.07 | 44.96 | 50.48 | 54.77 | 58.72 | 55.16 | 45.72 | 40.01 | 37.87 | 36.29 | 31.77 | 27.97 |
| | 2.20 | 1.99 | 1.62 | 1.39 | 1.35 | 1.36 | 1.90 | 2.57 | 2.89 | 3.11 | 3.34 | 3.38 | 3.73 | 4.16 | 4.71 | 5.20 | 5.63 | 4.88 | 3.78 | 3.50 | 3.38 | 3.45 | 3.12 | 2.93 |
| | 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 |
| N.Y.C. 61761 | 23.81 | 20.96 | 17.43 | 15.41 | 15.08 | 15.44 | 20.81 | 27.23 | 29.72 | 32.14 | 35.41 | 37.80 | 41.29 | 47.06 | 51.68 | 55.26 | 58.57 | 54.83 | 45.65 | 40.04 | 38.04 | 36.88 | 33.45 | 31.01 |
| | 2.49 | 2.21 | 1.80 | 1.51 | 1.48 | 1.53 | 2.16 | 2.97 | 3.31 | 3.47 | 3.68 | 3.65 | 3.96 | 4.24 | 4.67 | 5.11 | 5.47 | 4.73 | 3.73 | 3.54 | 3.55 | 3.74 | 3.44 | 3.31 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.73 | -1.53 | -0.65 | -0.57 | 0.00 | 0.00 | -2.02 | -1.24 | -0.59 | -0.01 | 0.18 | 0.02 | 0.00 | 0.00 | -0.30 | -1.37 | -2.66 |
| NORTH 61755 | 20.40 | 17.97 | 14.97 | 13.29 | 12.98 | 13.20 | 17.81 | 21.53 | 23.82 | 26.95 | 30.05 | 33.01 | 35.88 | 38.92 | 43.85 | 47.49 | 50.49 | 48.12 | 40.26 | 34.86 | 33.14 | 31.50 | 27.33 | 23.89 |
| | -0.92 | -0.77 | -0.66 | -0.60 | -0.61 | -0.71 | -0.84 | -0.99 | -1.07 | -1.06 | -1.12 | -1.13 | -1.46 | -1.88 | -1.92 | -2.08 | -2.60 | -2.16 | -1.68 | -1.64 | -1.35 | -1.35 | -1.32 | -1.15 |
| | 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 61845 | 22.93 | 20.26 | 16.92 | 15.00 | 14.68 | 15.05 | 20.18 | 24.46 | 27.00 | 30.31 | 33.63 | 36.70 | 40.17 | 43.90 | 49.20 | 53.34 | 57.02 | 53.75 | 44.79 | 39.24 | 37.01 | 35.41 | 30.91 | 27.19 |
| | 1.62 | 1.52 | 1.30 | 1.11 | 1.09 | 1.14 | 1.53 | 1.94 | 2.11 | 2.30 | 2.46 | 2.56 | 2.84 | 3.10 | 3.43 | 3.77 | 3.93 | 3.47 | 2.85 | 2.74 | 2.52 | 2.56 | 2.26 | 2.15 |
| | 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 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| O H 61846 | 20.91 | 18.33 | 15.16 | 13.64 | 13.50 | 13.79 | 18.24 | 21.49 | 23.13 | 24.80 | 25.16 | 27.10 | 28.68 | 28.08 | 31.52 | 34.01 | 39.13 | 41.66 | 38.27 | 35.18 | 34.11 | 32.15 | 28.33 | 23.94 |
| | -0.41 | -0.41 | -0.47 | -0.25 | -0.09 | -0.13 | -0.41 | -1.04 | -1.14 | -1.15 | -1.28 | -1.20 | -1.16 | -0.98 | -1.14 | -1.29 | -0.85 | -0.25 | 0.00 | -0.29 | -0.38 | -0.69 | -0.31 | -1.10 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.62 | 2.06 | 4.73 | 5.84 | 7.50 | 11.74 | 13.10 | 14.27 | 13.11 | 8.37 | 3.67 | 1.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| PJM 61847 | 22.21 | 19.55 | 16.22 | 14.47 | 14.22 | 14.55 | 19.39 | 23.31 | 26.07 | 29.88 | 34.30 | 37.84 | 42.02 | 47.34 | 53.03 | 57.52 | 61.03 | 56.14 | 45.30 | 38.52 | 35.94 | 34.22 | 29.90 | 25.92 |
| | 0.90 | 0.81 | 0.59 | 0.58 | 0.63 | 0.64 | 0.75 | 0.79 | 0.89 | 0.90 | 0.90 | 0.95 | 1.16 | 1.43 | 1.56 | 1.73 | 2.23 | 2.21 | 1.76 | 1.57 | 1.45 | 1.38 | 1.26 | 0.88 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.29 | -0.97 | -2.22 | -2.75 | -3.52 | -5.11 | -5.71 | -6.21 | -5.71 | -3.65 | -1.60 | -0.45 | 0.00 | 0.00 | 0.00 | 0.00 |
| WEST 61752 | 21.36 | 18.69 | 15.42 | 13.89 | 13.74 | 14.07 | 18.69 | 22.05 | 26.72 | 35.58 | 48.94 | 56.34 | 66.04 | 81.56 | 91.22 | 99.02 | 99.02 | 80.49 | 56.00 | 40.90 | 35.08 | 33.04 | 29.13 | 24.44 |
| | 0.04 | -0.06 | -0.20 | 0.00 | 0.15 | 0.15 | 0.04 | -0.47 | -0.52 | -0.33 | -0.37 | -0.20 | -0.04 | 0.25 | 0.23 | 0.20 | 0.69 | 1.31 | 1.38 | 0.84 | 0.59 | 0.20 | 0.49 | -0.60 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.36 | -7.90 | -18.14 | -22.40 | -28.74 | -40.51 | -45.22 | -49.25 | -45.24 | -28.90 | -12.68 | -3.56 | 0.00 | 0.00 | 0.00 | 0.00 |