

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

10/17/2012

| 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 | 32.16 | 30.65 | 28.25 | 27.68 | 28.67 | 32.65 | 41.45 | 43.10 | 41.76 | 42.84 | 42.55 | 43.59 | 43.75 | 43.71 | 43.35 | 43.85 | 42.14 | 45.04 | 51.64 | 50.97 | 45.23 | 40.88 | 37.57 | 32.33 |
| | 1.00 | 0.95 | 0.80 | 0.75 | 0.81 | 0.92 | 1.17 | 1.21 | 1.29 | 1.29 | 1.12 | 1.39 | 1.17 | 1.06 | 1.08 | 1.04 | 0.96 | 1.07 | 1.36 | 1.63 | 1.53 | 1.19 | 1.19 | 0.88 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.03 | -3.73 | -4.87 | -3.63 | -5.54 | -2.86 | -5.90 | -6.55 | 0.00 | 0.00 | 0.00 | -1.27 | 0.00 |
| CENTRL 61754 | 31.25 | 29.85 | 27.65 | 27.17 | 28.14 | 31.95 | 40.45 | 42.22 | 40.55 | 41.72 | 41.68 | 42.26 | 39.40 | 38.42 | 39.13 | 37.94 | 38.65 | 38.81 | 44.55 | 49.49 | 43.88 | 39.85 | 35.18 | 31.63 |
| | 0.09 | 0.15 | 0.19 | 0.24 | 0.28 | 0.22 | 0.16 | 0.34 | 0.08 | 0.17 | 0.25 | 0.08 | 0.12 | 0.08 | 0.08 | 0.04 | 0.00 | 0.04 | 0.04 | 0.15 | 0.17 | 0.16 | -0.07 | 0.19 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.43 | -0.56 | -0.42 | -0.64 | -0.34 | -0.70 | -0.78 | 0.00 | 0.00 | 0.00 | -0.15 | 0.00 |
| DUNWOD 61760 | 32.69 | 31.07 | 28.63 | 28.00 | 29.00 | 33.22 | 42.42 | 44.06 | 43.22 | 44.38 | 44.38 | 45.15 | 44.54 | 44.35 | 44.31 | 44.31 | 43.31 | 45.15 | 51.51 | 52.50 | 46.37 | 42.27 | 38.31 | 33.21 |
| | 1.53 | 1.37 | 1.18 | 1.08 | 1.14 | 1.49 | 2.14 | 2.18 | 2.75 | 2.83 | 2.94 | 2.95 | 2.80 | 2.80 | 2.86 | 2.76 | 2.84 | 2.63 | 2.84 | 3.16 | 2.67 | 2.58 | 2.25 | 1.76 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -2.89 | -3.77 | -2.81 | -4.29 | -2.16 | -4.45 | -4.93 | 0.00 | 0.00 | 0.00 | -0.96 | 0.00 |
| GENESE 61753 | 30.91 | 29.55 | 27.54 | 27.11 | 28.11 | 31.73 | 39.64 | 41.34 | 39.33 | 40.55 | 40.61 | 41.04 | 38.20 | 37.22 | 38.02 | 36.85 | 37.46 | 37.57 | 43.01 | 48.06 | 42.57 | 38.82 | 34.37 | 31.38 |
| | -0.25 | -0.15 | 0.08 | 0.19 | 0.25 | 0.00 | -0.64 | -0.54 | -1.13 | -1.00 | -0.83 | -1.14 | -0.97 | -0.98 | -0.93 | -0.89 | -1.11 | -1.03 | -1.31 | -1.28 | -1.14 | -0.87 | -0.84 | -0.06 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.32 | -0.42 | -0.31 | -0.48 | -0.26 | -0.53 | -0.58 | 0.00 | 0.00 | 0.00 | -0.11 | 0.00 |
| H Q 61844 | 31.16 | 29.70 | 27.45 | 26.92 | 27.86 | 31.73 | 40.28 | 41.88 | 40.47 | 41.55 | 41.43 | 42.17 | 38.85 | 37.78 | 38.63 | 37.27 | 38.31 | 38.07 | 43.73 | 49.34 | 44.50 | 38.90 | 35.10 | 31.44 |
| | 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 |
| | 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 | -0.79 | 0.79 | 0.00 | 0.00 |
| HUD VL 61758 | 32.75 | 31.16 | 28.77 | 28.14 | 29.14 | 33.32 | 42.50 | 44.15 | 43.22 | 44.38 | 44.33 | 45.11 | 44.46 | 44.22 | 44.19 | 44.22 | 43.20 | 45.05 | 51.49 | 52.65 | 46.46 | 42.27 | 38.26 | 33.24 |
| | 1.59 | 1.46 | 1.32 | 1.21 | 1.28 | 1.59 | 2.22 | 2.26 | 2.75 | 2.83 | 2.90 | 2.91 | 2.76 | 2.72 | 2.78 | 2.72 | 2.76 | 2.59 | 2.89 | 3.31 | 2.75 | 2.58 | 2.21 | 1.79 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -2.86 | -3.72 | -2.78 | -4.23 | -2.13 | -4.39 | -4.87 | 0.00 | 0.00 | 0.00 | -0.94 | 0.00 |
| LONGIL 61762 | 43.59 | 42.11 | 36.77 | 36.48 | 41.45 | 55.00 | 55.00 | 73.09 | 72.27 | 66.00 | 65.13 | 57.77 | 72.51 | 72.50 | 65.06 | 67.16 | 73.36 | 66.84 | 88.15 | 94.78 | 77.85 | 56.00 | 51.49 | 51.35 |
| | 2.96 | 2.76 | 2.50 | 2.40 | 2.51 | 3.05 | 4.11 | 4.31 | 4.82 | 4.82 | 4.85 | 4.89 | 4.66 | 4.61 | 4.71 | 4.55 | 4.67 | 4.53 | 5.12 | 5.72 | 4.94 | 4.68 | 4.07 | 3.30 |
| | -9.47 | -9.65 | -6.82 | -7.16 | -11.08 | -20.22 | -10.61 | -26.89 | -26.99 | -19.63 | -18.85 | -10.70 | -29.00 | -30.11 | -21.72 | -25.34 | -30.37 | -24.24 | -39.30 | -39.71 | -29.21 | -11.63 | -12.31 | -16.60 |
| MHK VL 61756 | 31.44 | 29.94 | 27.59 | 27.09 | 27.97 | 31.95 | 41.01 | 42.51 | 40.75 | 41.88 | 41.68 | 42.56 | 39.44 | 38.43 | 39.14 | 37.98 | 38.63 | 38.72 | 44.78 | 49.79 | 44.10 | 40.01 | 35.55 | 31.63 |
| | 0.28 | 0.24 | 0.14 | 0.16 | 0.11 | 0.22 | 0.73 | 0.63 | 0.28 | 0.33 | 0.25 | 0.38 | 0.23 | 0.19 | 0.15 | 0.19 | 0.04 | 0.08 | 0.39 | 0.44 | 0.39 | 0.32 | 0.32 | 0.19 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.36 | -0.47 | -0.35 | -0.53 | -0.28 | -0.57 | -0.66 | 0.00 | 0.00 | 0.00 | -0.13 | 0.00 |
| MILLWD 61759 | 32.62 | 31.01 | 28.61 | 27.97 | 28.98 | 33.19 | 42.42 | 44.06 | 43.18 | 44.33 | 44.29 | 45.06 | 44.47 | 44.29 | 44.24 | 44.29 | 43.28 | 45.13 | 51.57 | 52.55 | 46.41 | 42.27 | 38.24 | 33.17 |
| | 1.46 | 1.31 | 1.15 | 1.05 | 1.11 | 1.46 | 2.14 | 2.18 | 2.71 | 2.78 | 2.86 | 2.87 | 2.72 | 2.72 | 2.78 | 2.72 | 2.80 | 2.59 | 2.89 | 3.21 | 2.71 | 2.58 | 2.18 | 1.73 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -2.90 | -3.79 | -2.82 | -4.30 | -2.17 | -4.47 | -4.95 | 0.00 | 0.00 | 0.00 | -0.96 | 0.00 |
| N.Y.C. 61761 | 32.94 | 31.25 | 28.80 | 28.19 | 29.17 | 33.38 | 42.58 | 44.11 | 43.46 | 44.63 | 44.62 | 45.40 | 44.81 | 44.65 | 44.62 | 44.61 | 43.54 | 45.34 | 51.56 | 52.65 | 46.42 | 42.59 | 38.56 | 33.49 |
| | 1.78 | 1.54 | 1.35 | 1.27 | 1.31 | 1.65 | 2.30 | 2.22 | 2.99 | 3.07 | 3.19 | 3.21 | 3.07 | 3.10 | 3.17 | 3.06 | 3.07 | 2.82 | 2.89 | 3.31 | 2.71 | 2.90 | 2.49 | 2.04 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -2.89 | -3.78 | -2.81 | -4.29 | -2.16 | -4.45 | -4.94 | 0.00 | 0.00 | 0.00 | -0.96 | 0.00 |
| NORTH 61755 | 28.39 | 26.91 | 24.19 | 24.02 | 24.21 | 28.37 | 37.83 | 37.61 | 34.52 | 35.57 | 35.01 | 36.82 | 33.20 | 32.32 | 32.79 | 31.81 | 32.27 | 32.17 | 38.06 | 42.24 | 37.59 | 34.53 | 31.97 | 27.39 |
| | -2.77 | -2.79 | -3.27 | -2.91 | -3.65 | -3.36 | -2.46 | -4.27 | -5.95 | -5.98 | -6.42 | -5.36 | -5.52 | -5.29 | -5.72 | -5.25 | -5.94 | -5.67 | -5.42 | -7.11 | -6.12 | -5.16 | -3.09 | -4.06 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.17 | 0.13 | 0.20 | 0.11 | 0.23 | 0.25 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 |
| NPX 61845 | 32.19 | 30.68 | 28.33 | 27.70 | 28.70 | 32.72 | 41.49 | 43.10 | 42.04 | 43.17 | 43.01 | 43.84 | 43.69 | 43.62 | 43.41 | 43.68 | 42.33 | 44.84 | 51.30 | 51.27 | 46.20 | 40.33 | 37.73 | 32.58 |
| | 1.03 | 0.98 | 0.88 | 0.78 | 0.84 | 0.98 | 1.21 | 1.21 | 1.58 | 1.62 | 1.57 | 1.64 | 1.52 | 1.51 | 1.55 | 1.49 | 1.49 | 1.56 | 1.79 | 1.92 | 1.70 | 1.43 | 1.51 | 1.13 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.03 | -3.32 | -4.34 | -3.23 | -4.93 | -2.53 | -5.21 | -5.77 | 0.00 | -0.79 | 0.79 | -1.12 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 30.26 | 29.02 | 27.07 | 26.74 | 27.69 | 31.10 | 38.15 | 39.79 | 37.71 | 38.85 | 38.91 | 39.14 | 36.61 | 35.75 | 36.44 | 35.27 | 35.87 | 36.17 | 40.90 | 45.49 | 41.44 | 36.36 | 33.08 | 30.50 |
| | -0.90 | -0.68 | -0.38 | -0.19 | -0.17 | -0.63 | -2.14 | -2.09 | -2.75 | -2.70 | -2.53 | -3.04 | -2.68 | -2.61 | -2.63 | -2.65 | -2.80 | -2.63 | -3.63 | -3.85 | -3.06 | -2.54 | -2.18 | -0.94 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.44 | -0.58 | -0.43 | -0.65 | -0.35 | -0.72 | -0.80 | 0.00 | -0.79 | 0.79 | -0.15 | 0.00 |
| PJM 61847 | 31.00 | 29.61 | 27.45 | 27.00 | 28.00 | 31.76 | 39.92 | 41.68 | 40.10 | 41.22 | 41.27 | 41.76 | 40.00 | 39.38 | 39.75 | 39.01 | 39.00 | 39.90 | 45.44 | 48.65 | 44.01 | 38.50 | 35.05 | 31.41 |
| | -0.16 | -0.09 | 0.00 | 0.08 | 0.14 | 0.03 | -0.36 | -0.21 | -0.36 | -0.33 | -0.17 | -0.42 | -0.27 | -0.26 | -0.27 | -0.37 | -0.38 | -0.38 | -0.74 | -0.69 | -0.48 | -0.40 | -0.53 | -0.03 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -1.43 | -1.86 | -1.39 | -2.12 | -1.07 | -2.21 | -2.45 | 0.00 | -0.79 | 0.79 | -0.48 | 0.00 |
| WEST 61752 | 30.75 | 29.49 | 27.54 | 27.19 | 28.17 | 31.67 | 38.75 | 40.67 | 38.52 | 39.68 | 39.78 | 40.03 | 37.42 | 36.50 | 37.17 | 35.98 | 36.55 | 36.84 | 41.68 | 46.33 | 41.48 | 37.95 | 33.78 | 31.04 |
| | -0.41 | -0.21 | 0.08 | 0.27 | 0.31 | -0.06 | -1.53 | -1.21 | -1.94 | -1.87 | -1.66 | -2.15 | -1.86 | -1.85 | -1.89 | -1.94 | -2.11 | -1.94 | -2.84 | -3.01 | -2.23 | -1.75 | -1.47 | -0.41 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.44 | -0.57 | -0.43 | -0.65 | -0.35 | -0.71 | -0.79 | 0.00 | 0.00 | 0.00 | -0.15 | 0.00 |