

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

04/21/2013

| 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 | 39.22 | 35.58 | 33.62 | 33.59 | 33.42 | 33.28 | 33.39 | 34.35 | 36.41 | 42.64 | 45.24 | 44.49 | 41.61 | 38.39 | 36.43 | 35.10 | 36.34 | 38.69 | 40.93 | 54.40 | 53.20 | 43.50 | 38.03 | 34.77 |
| 61757 | 2.05 | 2.01 | 1.90 | 1.84 | 1.80 | 1.76 | 1.50 | 1.42 | 2.00 | 2.37 | 2.36 | 2.33 | 2.30 | 2.20 | 2.03 | 1.80 | 1.99 | 2.15 | 2.24 | 2.35 | 2.99 | 2.52 | 2.12 | 1.78 |
| | -4.11 | -0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.78 | -5.98 | -5.84 | -3.36 | -1.37 | 0.00 | 0.00 | 0.00 | -1.81 | -2.51 | -14.10 | -2.74 | -0.33 | -1.19 | 0.00 |
| CENTRL | 33.96 | 33.18 | 31.88 | 31.91 | 31.75 | 31.74 | 32.28 | 33.36 | 35.20 | 38.03 | 38.61 | 38.01 | 37.20 | 35.61 | 35.06 | 34.00 | 34.94 | 35.50 | 37.24 | 40.58 | 48.74 | 41.43 | 35.26 | 33.29 |
| 61754 | 0.33 | 0.13 | 0.16 | 0.16 | 0.13 | 0.22 | 0.38 | 0.43 | 0.79 | 1.02 | 0.88 | 0.87 | 0.79 | 0.59 | 0.65 | 0.70 | 0.58 | 0.52 | 0.72 | 0.72 | 0.90 | 0.73 | 0.38 | 0.30 |
| | -0.57 | -0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.52 | -0.83 | -0.81 | -0.47 | -0.19 | 0.00 | 0.00 | 0.00 | -0.25 | -0.34 | -1.92 | -0.37 | -0.04 | -0.16 | 0.00 |
| DUNWOD | 39.65 | 36.43 | 34.51 | 34.38 | 34.25 | 34.04 | 34.57 | 35.63 | 37.92 | 43.68 | 45.98 | 45.30 | 42.87 | 39.88 | 38.09 | 36.66 | 38.17 | 40.17 | 42.57 | 54.15 | 55.41 | 45.80 | 39.65 | 36.26 |
| 61760 | 3.21 | 2.97 | 2.79 | 2.63 | 2.62 | 2.52 | 2.68 | 2.70 | 3.51 | 4.09 | 4.17 | 4.18 | 4.17 | 3.93 | 3.68 | 3.36 | 3.81 | 3.96 | 4.34 | 4.63 | 5.69 | 4.88 | 3.96 | 3.27 |
| | -3.37 | -0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.11 | -4.91 | -4.80 | -2.76 | -1.12 | 0.00 | 0.00 | 0.00 | -1.48 | -2.06 | -11.57 | -2.25 | -0.27 | -0.98 | 0.00 |
| GENESE | 33.19 | 32.40 | 31.21 | 31.24 | 31.08 | 31.14 | 31.70 | 32.70 | 34.52 | 37.12 | 37.41 | 36.86 | 36.10 | 34.63 | 34.20 | 33.30 | 34.04 | 34.48 | 36.27 | 39.09 | 47.10 | 40.20 | 34.29 | 32.60 |
| 61753 | -0.33 | -0.63 | -0.51 | -0.51 | -0.54 | -0.38 | -0.19 | -0.23 | 0.10 | 0.22 | -0.15 | -0.11 | -0.21 | -0.35 | -0.21 | 0.00 | -0.31 | -0.45 | -0.18 | -0.38 | -0.66 | -0.49 | -0.56 | -0.39 |
| | -0.45 | -0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.42 | -0.66 | -0.64 | -0.37 | -0.15 | 0.00 | 0.00 | 0.00 | -0.20 | -0.27 | -1.52 | -0.30 | -0.04 | -0.13 | 0.00 |
| H Q | 32.40 | 32.40 | 31.18 | 31.21 | 31.08 | 31.01 | 31.38 | 32.40 | 33.55 | 35.32 | 35.83 | 35.24 | 34.90 | 33.92 | 33.54 | 32.50 | 33.50 | 33.86 | 35.12 | 36.84 | 46.14 | 39.52 | 33.88 | 32.40 |
| 61844 | -0.66 | -0.56 | -0.54 | -0.54 | -0.54 | -0.51 | -0.51 | -0.53 | -0.86 | -1.17 | -1.07 | -1.09 | -1.04 | -0.91 | -0.86 | -0.80 | -0.86 | -0.87 | -1.05 | -1.10 | -1.33 | -1.14 | -0.83 | -0.59 |
| | 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 | 39.84 | 36.78 | 34.89 | 34.82 | 34.69 | 34.52 | 35.15 | 36.16 | 38.37 | 44.07 | 46.33 | 45.58 | 42.97 | 39.98 | 38.19 | 36.80 | 38.27 | 40.27 | 42.71 | 54.31 | 55.79 | 46.04 | 39.82 | 36.49 |
| 61758 | 3.41 | 3.33 | 3.17 | 3.08 | 3.07 | 3.00 | 3.25 | 3.23 | 3.96 | 4.49 | 4.54 | 4.47 | 4.28 | 4.04 | 3.78 | 3.50 | 3.91 | 4.06 | 4.48 | 4.82 | 6.08 | 5.12 | 4.13 | 3.50 |
| | -3.36 | -0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.10 | -4.90 | -4.78 | -2.75 | -1.12 | 0.00 | 0.00 | 0.00 | -1.48 | -2.06 | -11.54 | -2.24 | -0.27 | -0.98 | 0.00 |
| LONGIL | 53.22 | 45.15 | 39.89 | 39.29 | 40.87 | 42.81 | 43.22 | 43.35 | 48.67 | 54.56 | 56.34 | 56.36 | 56.32 | 56.26 | 56.22 | 54.47 | 56.22 | 56.91 | 58.48 | 62.05 | 72.76 | 62.04 | 60.25 | 55.87 |
| 61762 | 4.27 | 4.02 | 3.74 | 3.62 | 3.60 | 3.50 | 3.70 | 3.79 | 4.71 | 5.37 | 5.35 | 5.34 | 5.29 | 5.02 | 4.71 | 4.40 | 4.84 | 5.03 | 5.46 | 5.84 | 7.26 | 6.18 | 5.00 | 4.32 |
| | -15.88 | -8.17 | -4.43 | -3.92 | -5.64 | -7.79 | -7.63 | -6.63 | -9.55 | -12.71 | -14.09 | -14.69 | -15.09 | -16.42 | -17.10 | -16.78 | -17.02 | -17.15 | -16.84 | -18.26 | -18.03 | -15.21 | -20.53 | -18.55 |
| MHK VL | 34.56 | 33.84 | 32.45 | 32.44 | 32.32 | 32.24 | 32.66 | 33.89 | 35.55 | 38.28 | 38.99 | 38.38 | 37.56 | 36.10 | 35.40 | 34.20 | 35.28 | 35.92 | 37.57 | 41.08 | 49.51 | 42.04 | 35.89 | 33.75 |
| 61756 | 0.89 | 0.79 | 0.73 | 0.70 | 0.69 | 0.73 | 0.76 | 0.96 | 1.13 | 1.24 | 1.22 | 1.20 | 1.15 | 1.08 | 1.00 | 0.90 | 0.93 | 0.94 | 1.05 | 1.21 | 1.66 | 1.34 | 1.01 | 0.76 |
| | -0.60 | -0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.55 | -0.87 | -0.85 | -0.46 | -0.19 | 0.00 | 0.00 | 0.00 | -0.25 | -0.34 | -1.93 | -0.37 | -0.04 | -0.16 | 0.00 |
| MILLWD | 39.60 | 36.39 | 34.47 | 34.35 | 34.22 | 34.04 | 34.54 | 35.63 | 37.89 | 43.66 | 45.97 | 45.29 | 42.78 | 39.78 | 38.01 | 36.60 | 38.10 | 40.14 | 42.55 | 54.17 | 55.42 | 45.76 | 39.59 | 36.16 |
| 61759 | 3.14 | 2.93 | 2.76 | 2.60 | 2.59 | 2.52 | 2.65 | 2.70 | 3.47 | 4.05 | 4.13 | 4.14 | 4.06 | 3.83 | 3.61 | 3.30 | 3.74 | 3.92 | 4.30 | 4.59 | 5.69 | 4.84 | 3.89 | 3.17 |
| | -3.39 | -0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.12 | -4.93 | -4.82 | -2.78 | -1.13 | 0.00 | 0.00 | 0.00 | -1.49 | -2.07 | -11.63 | -2.26 | -0.27 | -0.98 | 0.00 |
| N.Y.C. | 39.94 | 36.65 | 34.67 | 34.51 | 34.37 | 34.10 | 34.64 | 35.70 | 38.06 | 43.86 | 46.20 | 45.52 | 43.09 | 40.12 | 38.29 | 36.86 | 38.40 | 40.45 | 42.87 | 55.00 | 56.00 | 46.20 | 40.00 | 36.59 |
| 61761 | 3.50 | 3.20 | 2.95 | 2.76 | 2.75 | 2.59 | 2.74 | 2.77 | 3.65 | 4.27 | 4.39 | 4.39 | 4.38 | 4.18 | 3.89 | 3.56 | 4.05 | 4.24 | 4.63 | 4.97 | 6.13 | 5.28 | 4.30 | 3.60 |
| | -3.37 | -0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.11 | -4.91 | -4.80 | -2.76 | -1.12 | 0.00 | 0.00 | 0.00 | -1.48 | -2.06 | -12.08 | -2.40 | -0.27 | -0.98 | 0.00 |
| NORTH | 32.11 | 32.14 | 30.86 | 30.89 | 30.77 | 30.70 | 31.13 | 32.14 | 33.07 | 34.48 | 35.13 | 34.48 | 34.22 | 33.47 | 33.03 | 32.00 | 32.98 | 33.37 | 34.40 | 36.20 | 45.34 | 38.83 | 33.57 | 32.24 |
| 61755 | -0.96 | -0.82 | -0.85 | -0.86 | -0.85 | -0.82 | -0.77 | -0.79 | -1.34 | -2.01 | -1.77 | -1.85 | -1.72 | -1.36 | -1.38 | -1.30 | -1.38 | -1.35 | -1.77 | -1.74 | -2.14 | -1.83 | -1.14 | -0.76 |
| | 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 | 39.42 | 36.11 | 34.19 | 34.06 | 33.93 | 33.76 | 34.22 | 35.24 | 37.40 | 43.48 | 45.96 | 45.20 | 42.54 | 39.40 | 37.46 | 36.10 | 37.51 | 39.70 | 42.09 | 54.43 | 54.64 | 44.97 | 39.13 | 35.80 |
| 61845 | 2.65 | 2.60 | 2.48 | 2.32 | 2.31 | 2.24 | 2.33 | 2.30 | 2.99 | 3.58 | 3.65 | 3.60 | 3.56 | 3.34 | 3.06 | 2.80 | 3.16 | 3.33 | 3.65 | 3.76 | 4.70 | 4.03 | 3.33 | 2.80 |
| | -3.71 | -0.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.42 | -5.40 | -5.27 | -3.04 | -1.23 | 0.00 | 0.00 | 0.00 | -1.63 | -2.27 | -12.73 | -2.47 | -0.29 | -1.08 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 32.17 | 31.20 | 30.03 | 30.13 | 30.01 | 30.10 | 30.75 | 31.48 | 33.31 | 35.97 | 36.06 | 35.64 | 34.88 | 33.28 | 33.03 | 32.33 | 32.84 | 33.25 | 35.08 | 38.09 | 45.25 | 38.50 | 32.94 | 31.51 |
| | -1.49 | -1.85 | -1.68 | -1.62 | -1.61 | -1.42 | -1.15 | -1.45 | -1.10 | -1.06 | -1.70 | -1.52 | -1.54 | -1.74 | -1.38 | -0.97 | -1.51 | -1.74 | -1.45 | -1.86 | -2.61 | -2.20 | -1.94 | -1.48 |
| | -0.59 | -0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.54 | -0.86 | -0.84 | -0.48 | -0.20 | 0.00 | 0.00 | 0.00 | -0.26 | -0.36 | -2.01 | -0.39 | -0.05 | -0.17 | 0.00 |
| PJM 61847 | 32.71 | 31.65 | 30.41 | 30.48 | 30.36 | 30.42 | 31.13 | 32.01 | 33.96 | 36.91 | 37.23 | 36.75 | 35.90 | 34.06 | 33.68 | 32.90 | 33.46 | 34.01 | 35.93 | 39.64 | 46.77 | 39.65 | 33.64 | 32.01 |
| | -1.09 | -1.42 | -1.30 | -1.27 | -1.27 | -1.10 | -0.77 | -0.92 | -0.45 | -0.25 | -0.74 | -0.62 | -0.65 | -1.01 | -0.72 | -0.40 | -0.89 | -1.04 | -0.69 | -0.80 | -1.18 | -1.06 | -1.28 | -0.99 |
| | -0.73 | -0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.67 | -1.06 | -1.04 | -0.60 | -0.24 | 0.00 | 0.00 | 0.00 | -0.32 | -0.44 | -2.49 | -0.48 | -0.06 | -0.21 | 0.00 |
| WEST 61752 | 32.69 | 31.66 | 30.51 | 30.60 | 30.49 | 30.64 | 31.29 | 31.98 | 33.90 | 36.59 | 36.60 | 36.21 | 35.45 | 33.80 | 33.54 | 32.87 | 33.36 | 33.77 | 35.62 | 38.60 | 45.86 | 39.07 | 33.46 | 32.04 |
| | -0.96 | -1.38 | -1.21 | -1.14 | -1.14 | -0.88 | -0.61 | -0.96 | -0.52 | -0.44 | -1.14 | -0.94 | -0.97 | -1.22 | -0.86 | -0.43 | -1.00 | -1.22 | -0.90 | -1.33 | -1.99 | -1.63 | -1.42 | -0.96 |
| | -0.58 | -0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.54 | -0.85 | -0.83 | -0.48 | -0.19 | 0.00 | 0.00 | 0.00 | -0.26 | -0.35 | -1.98 | -0.39 | -0.05 | -0.17 | 0.00 |