

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

11/23/2013

| 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 | 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 | 38.75 | 33.16 | 33.66 | 32.82 | 33.24 | 31.90 | 33.97 | 34.05 | 34.12 | 37.48 | 38.97 | 37.37 | 34.41 | 33.65 | 37.28 | 33.86 | 43.11 | 54.61 | 49.56 | 44.70 | 42.36 | 43.24 | 36.82 | 35.05 |
| 61757 | 1.80 | 1.68 | 1.54 | 1.56 | 1.58 | 1.60 | 1.92 | 2.07 | 2.59 | 2.81 | 2.92 | 2.77 | 2.49 | 2.44 | 2.18 | 2.18 | 2.93 | 3.76 | 3.26 | 2.92 | 2.81 | 2.35 | 2.30 | 1.58 |
| | -12.94 | -9.14 | -10.97 | -10.23 | -10.55 | -9.53 | -7.11 | -5.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.62 | 0.00 | 0.00 | 0.00 | -1.57 | 0.00 | 0.00 | -8.74 | -2.61 | -10.57 |
| CENTRL | 26.01 | 23.81 | 22.79 | 22.56 | 22.69 | 22.24 | 26.27 | 27.69 | 32.61 | 35.63 | 37.60 | 35.96 | 32.86 | 32.14 | 30.85 | 32.98 | 41.95 | 52.59 | 45.65 | 43.00 | 40.19 | 33.73 | 32.52 | 24.58 |
| 61754 | 0.38 | 0.34 | 0.27 | 0.25 | 0.27 | 0.29 | 0.45 | 0.48 | 0.47 | 0.45 | 0.50 | 0.42 | 0.38 | 0.40 | 0.32 | 0.51 | 0.44 | 0.61 | 0.54 | 0.50 | 0.40 | 0.35 | 0.29 | 0.37 |
| | -1.61 | -1.14 | -1.37 | -1.27 | -1.31 | -1.19 | -0.89 | -0.68 | -0.60 | -0.50 | -1.04 | -0.94 | -0.56 | -0.52 | -1.04 | -0.80 | -1.33 | -1.14 | -0.38 | -0.72 | -0.25 | -1.22 | -0.32 | -1.30 |
| DUNWOD | 36.34 | 31.57 | 31.49 | 30.79 | 31.09 | 30.02 | 32.90 | 33.57 | 34.97 | 38.59 | 40.12 | 38.62 | 35.65 | 34.90 | 37.03 | 35.19 | 44.56 | 56.18 | 50.82 | 46.41 | 44.02 | 42.45 | 37.39 | 33.46 |
| 61760 | 2.31 | 2.14 | 1.84 | 1.83 | 1.82 | 1.87 | 2.45 | 2.81 | 3.44 | 3.92 | 4.07 | 4.01 | 3.73 | 3.68 | 3.18 | 3.52 | 4.38 | 5.34 | 4.88 | 4.64 | 4.47 | 3.50 | 3.45 | 2.34 |
| | -10.03 | -7.08 | -8.50 | -7.93 | -8.17 | -7.38 | -5.51 | -4.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.37 | 0.00 | 0.00 | 0.00 | -1.22 | 0.00 | 0.00 | -6.80 | -2.03 | -8.22 |
| GENESE | 25.10 | 23.07 | 21.98 | 21.77 | 21.93 | 21.50 | 25.48 | 26.77 | 31.34 | 34.25 | 35.96 | 34.39 | 31.57 | 30.86 | 29.56 | 31.58 | 39.84 | 50.26 | 44.02 | 41.23 | 38.60 | 32.38 | 31.52 | 23.79 |
| 61753 | -0.17 | -0.16 | -0.23 | -0.25 | -0.19 | -0.19 | -0.15 | -0.29 | -0.47 | -0.66 | -0.58 | -0.66 | -0.61 | -0.59 | -0.62 | -0.47 | -0.96 | -1.12 | -0.94 | -0.88 | -1.07 | -0.68 | -0.64 | -0.14 |
| | -1.25 | -0.88 | -1.06 | -0.99 | -1.02 | -0.92 | -0.69 | -0.53 | -0.28 | -0.24 | -0.49 | -0.44 | -0.26 | -0.24 | -0.71 | -0.37 | -0.62 | -0.53 | -0.24 | -0.34 | -0.12 | -0.91 | -0.25 | -1.02 |
| H Q | 23.24 | 21.62 | 20.52 | 20.41 | 20.47 | 20.14 | 20.50 | 23.48 | 26.93 | 29.56 | 29.30 | 29.28 | 28.65 | 28.14 | 27.87 | 27.45 | 33.59 | 49.32 | 42.75 | 37.56 | 29.55 | 29.19 | 29.25 | 22.17 |
| 61844 | -0.77 | -0.72 | -0.63 | -0.63 | -0.63 | -0.62 | -0.80 | -0.88 | -1.01 | -1.11 | -1.16 | -1.11 | -1.02 | -1.00 | -0.94 | -1.04 | -1.29 | -1.52 | -1.43 | -1.34 | -1.23 | -1.03 | -0.99 | -0.73 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.64 | 2.19 | 3.59 | 4.00 | 5.60 | 4.22 | 2.24 | 2.08 | 0.66 | 3.18 | 5.31 | 0.00 | 0.54 | 2.88 | 8.78 | 1.93 | 1.67 | 0.00 |
| HUD VL | 36.34 | 31.57 | 31.55 | 30.86 | 31.16 | 30.05 | 33.00 | 33.65 | 35.19 | 38.87 | 40.34 | 38.79 | 35.78 | 34.99 | 37.12 | 35.35 | 44.96 | 56.95 | 51.34 | 46.70 | 44.41 | 42.65 | 37.64 | 33.54 |
| 61758 | 2.42 | 2.23 | 2.01 | 2.00 | 1.98 | 1.99 | 2.62 | 2.95 | 3.66 | 4.19 | 4.29 | 4.19 | 3.86 | 3.78 | 3.33 | 3.67 | 4.78 | 6.10 | 5.41 | 4.93 | 4.86 | 3.79 | 3.73 | 2.52 |
| | -9.90 | -7.00 | -8.39 | -7.83 | -8.07 | -7.29 | -5.44 | -4.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.32 | 0.00 | 0.00 | 0.00 | -1.20 | 0.00 | 0.00 | -6.71 | -2.00 | -8.11 |
| LONGIL | 37.56 | 32.60 | 32.20 | 31.41 | 31.65 | 30.73 | 33.77 | 35.16 | 39.50 | 44.38 | 45.88 | 45.28 | 45.45 | 42.57 | 40.89 | 41.96 | 52.31 | 69.70 | 63.75 | 61.69 | 56.96 | 52.40 | 45.65 | 38.35 |
| 61762 | 3.51 | 3.17 | 2.54 | 2.44 | 2.36 | 2.57 | 3.32 | 3.98 | 4.82 | 5.41 | 5.55 | 5.40 | 5.04 | 4.96 | 4.45 | 4.85 | 6.27 | 7.62 | 6.88 | 6.56 | 6.17 | 4.95 | 4.85 | 3.32 |
| | -10.05 | -7.09 | -8.51 | -7.93 | -8.18 | -7.39 | -5.52 | -4.64 | -3.14 | -4.30 | -4.28 | -5.28 | -8.49 | -6.39 | -6.96 | -5.43 | -5.87 | -11.23 | -12.14 | -13.36 | -11.25 | -15.30 | -8.89 | -12.12 |
| MHK VL | 26.14 | 23.95 | 22.95 | 22.73 | 22.84 | 22.45 | 26.48 | 27.94 | 32.41 | 35.57 | 36.99 | 35.47 | 32.65 | 31.90 | 30.72 | 32.37 | 41.30 | 52.52 | 45.98 | 42.82 | 40.46 | 33.87 | 33.01 | 24.68 |
| 61756 | 0.55 | 0.49 | 0.46 | 0.44 | 0.44 | 0.52 | 0.67 | 0.74 | 0.88 | 0.90 | 0.94 | 0.87 | 0.73 | 0.69 | 0.59 | 0.70 | 1.12 | 1.68 | 1.07 | 1.04 | 0.91 | 0.71 | 0.80 | 0.55 |
| | -1.58 | -1.12 | -1.34 | -1.25 | -1.29 | -1.16 | -0.87 | -0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.65 | 0.00 | 0.00 | 0.00 | -0.18 | 0.00 | 0.00 | -1.01 | -0.30 | -1.22 |
| MILLWD | 36.40 | 31.59 | 31.54 | 30.84 | 31.14 | 30.06 | 32.93 | 33.62 | 35.06 | 38.66 | 40.16 | 38.62 | 35.68 | 34.90 | 37.09 | 35.22 | 44.68 | 56.34 | 50.96 | 46.50 | 44.10 | 42.52 | 37.40 | 33.51 |
| 61759 | 2.31 | 2.12 | 1.84 | 1.83 | 1.82 | 1.87 | 2.45 | 2.84 | 3.53 | 3.99 | 4.11 | 4.01 | 3.76 | 3.68 | 3.21 | 3.55 | 4.50 | 5.49 | 5.01 | 4.72 | 4.55 | 3.54 | 3.45 | 2.34 |
| | -10.08 | -7.12 | -8.55 | -7.97 | -8.22 | -7.43 | -5.54 | -4.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.40 | 0.00 | 0.00 | 0.00 | -1.23 | 0.00 | 0.00 | -6.84 | -2.04 | -8.26 |
| N.Y.C. | 36.54 | 31.71 | 31.60 | 30.90 | 31.20 | 30.09 | 32.97 | 33.57 | 35.06 | 38.73 | 40.23 | 38.75 | 35.81 | 35.02 | 37.15 | 35.32 | 44.72 | 56.18 | 50.95 | 46.62 | 44.22 | 42.52 | 37.54 | 33.65 |
| 61761 | 2.50 | 2.28 | 1.94 | 1.93 | 1.92 | 1.93 | 2.52 | 2.81 | 3.53 | 4.05 | 4.18 | 4.15 | 3.89 | 3.81 | 3.30 | 3.64 | 4.54 | 5.34 | 5.01 | 4.84 | 4.66 | 3.57 | 3.60 | 2.52 |
| | -10.03 | -7.09 | -8.51 | -7.93 | -8.18 | -7.39 | -5.51 | -4.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.37 | 0.00 | 0.00 | 0.00 | -1.22 | 0.00 | 0.00 | -6.80 | -2.03 | -8.22 |
| NORTH | 22.47 | 20.98 | 19.99 | 19.92 | 19.96 | 19.77 | 19.92 | 22.73 | 26.12 | 28.60 | 28.46 | 28.47 | 27.88 | 27.35 | 27.11 | 26.69 | 32.72 | 48.41 | 41.77 | 36.67 | 28.70 | 28.47 | 28.47 | 21.58 |
| 61755 | -1.54 | -1.36 | -1.16 | -1.12 | -1.14 | -1.00 | -1.42 | -1.65 | -1.86 | -2.12 | -2.05 | -1.97 | -1.82 | -1.81 | -1.71 | -1.84 | -2.21 | -2.44 | -2.42 | -2.26 | -2.18 | -1.77 | -1.79 | -1.33 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.60 | 2.16 | 3.55 | 3.95 | 5.53 | 4.17 | 2.22 | 2.05 | 0.66 | 3.15 | 5.25 | 0.00 | 0.54 | 2.85 | 8.68 | 1.91 | 1.65 | 0.00 |
| NPX | 37.80 | 32.67 | 32.83 | 32.04 | 32.37 | 33.38 | 39.86 | 46.00 | 48.14 | 50.10 | 49.55 | 48.23 | 46.44 | 42.32 | 37.29 | 34.53 | 48.93 | 60.00 | 50.22 | 45.45 | 43.15 | 42.98 | 37.15 | 34.40 |
| 61845 | 2.45 | 2.32 | 2.07 | 2.04 | 2.03 | 2.08 | 2.72 | 3.05 | 3.75 | 4.23 | 4.40 | 4.29 | 3.96 | 3.87 | 2.71 | 2.85 | 3.69 | 4.52 | 4.07 | 3.68 | 3.60 | 2.89 | 2.87 | 1.90 |
| | -11.33 | -8.01 | -9.61 | -8.96 | -9.24 | -10.54 | -12.20 | -16.41 | -12.86 | -11.20 | -9.10 | -9.34 | -10.56 | -7.24 | -5.10 | 0.00 | -5.06 | -4.63 | -1.42 | 0.00 | 0.00 | -7.94 | -2.37 | -9.59 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 25.26 | 23.13 | 22.09 | 21.87 | 22.03 | 21.53 | 25.28 | 26.49 | 28.00 | 31.20 | 30.60 | 29.48 | 28.43 | 28.00 | 27.61 | 27.76 | 33.26 | 43.50 | 41.39 | 36.80 | 36.33 | 31.09 | 30.68 | 23.71 |
| | -0.41 | -0.38 | -0.47 | -0.48 | -0.42 | -0.46 | -0.57 | -0.74 | -1.35 | -1.66 | -1.69 | -1.73 | -1.47 | -1.34 | -1.33 | -1.04 | -2.13 | -3.26 | -2.86 | -2.38 | -2.33 | -1.67 | -1.56 | -0.55 |
| | -1.66 | -1.17 | -1.41 | -1.31 | -1.35 | -1.22 | -0.91 | -0.70 | 2.17 | 1.81 | 3.76 | 3.39 | 2.02 | 1.87 | 0.54 | 2.87 | 4.79 | 4.09 | 0.47 | 2.60 | 0.88 | -0.61 | -0.33 | -1.35 |
| PJM 61847 | 26.00 | 23.73 | 22.73 | 22.50 | 22.66 | 22.14 | 25.97 | 27.27 | 33.12 | 35.75 | 39.03 | 37.12 | 33.26 | 32.51 | 31.00 | 34.22 | 43.74 | 52.98 | 43.94 | 43.02 | 39.09 | 33.18 | 31.43 | 24.45 |
| | -0.07 | -0.07 | -0.17 | -0.17 | -0.13 | -0.14 | -0.10 | -0.13 | -0.57 | -0.73 | -0.76 | -0.86 | -0.67 | -0.56 | -0.62 | -0.32 | -1.20 | -1.93 | -1.70 | -1.34 | -1.34 | -0.87 | -0.89 | -0.14 |
| | -2.06 | -1.46 | -1.75 | -1.63 | -1.68 | -1.52 | -1.13 | -0.87 | -2.16 | -1.80 | -3.74 | -3.38 | -2.01 | -1.86 | -2.15 | -2.86 | -4.77 | -4.07 | -0.92 | -2.58 | -0.88 | -1.90 | -0.41 | -1.68 |
| WEST 61752 | 25.68 | 23.48 | 22.40 | 22.19 | 22.36 | 21.86 | 25.73 | 27.06 | 38.18 | 39.85 | 47.76 | 45.00 | 37.92 | 36.80 | 33.67 | 41.00 | 55.00 | 62.30 | 45.20 | 49.02 | 41.00 | 33.92 | 31.31 | 24.05 |
| | 0.05 | 0.00 | -0.13 | -0.13 | -0.06 | -0.10 | -0.10 | -0.16 | -0.60 | -0.87 | -0.83 | -0.93 | -0.73 | -0.66 | -0.71 | -0.25 | -1.17 | -2.18 | -1.97 | -1.42 | -1.50 | -1.03 | -0.93 | -0.18 |
| | -1.62 | -1.14 | -1.37 | -1.28 | -1.32 | -1.19 | -0.89 | -0.68 | -7.25 | -6.04 | -12.54 | -11.33 | -6.74 | -6.24 | -4.91 | -9.58 | -15.99 | -13.64 | -2.44 | -8.66 | -2.95 | -2.80 | -0.33 | -1.32 |