

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

11/18/2011

| 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 | 33.50 | 30.13 | 27.05 | 27.29 | 27.37 | 30.65 | 40.67 | 40.87 | 42.17 | 40.56 | 38.39 | 36.13 | 35.76 | 35.43 | 34.55 | 35.31 | 38.36 | 49.68 | 42.29 | 40.80 | 35.57 | 35.33 | 30.91 | 31.58 |
| 61757 | 0.59 | 0.68 | 0.63 | 0.64 | 0.67 | 0.63 | 1.15 | 1.50 | 1.66 | 1.60 | 1.41 | 1.39 | 1.31 | 1.20 | 1.04 | 1.13 | 1.65 | 2.41 | 1.90 | 1.64 | 1.17 | 0.96 | 0.69 | 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 | -0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CENTRL | 33.13 | 29.54 | 26.52 | 26.76 | 26.81 | 30.23 | 40.08 | 40.24 | 41.32 | 39.74 | 37.73 | 35.47 | 35.14 | 34.81 | 34.04 | 34.66 | 37.33 | 48.20 | 41.28 | 39.98 | 35.19 | 35.19 | 30.85 | 31.24 |
| 61754 | 0.23 | 0.09 | 0.11 | 0.11 | 0.11 | 0.21 | 0.55 | 0.87 | 0.81 | 0.78 | 0.74 | 0.73 | 0.69 | 0.58 | 0.54 | 0.48 | 0.62 | 1.04 | 0.89 | 0.82 | 0.79 | 0.82 | 0.63 | 0.25 |
| | 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 |
| DUNWOD | 34.65 | 30.99 | 27.76 | 27.96 | 27.99 | 31.61 | 42.64 | 43.50 | 44.85 | 43.13 | 40.80 | 38.38 | 38.06 | 37.72 | 36.83 | 37.67 | 41.00 | 54.62 | 45.24 | 43.58 | 37.98 | 37.56 | 32.57 | 32.82 |
| 61760 | 1.74 | 1.53 | 1.35 | 1.31 | 1.28 | 1.59 | 3.12 | 4.13 | 4.33 | 4.17 | 3.81 | 3.65 | 3.62 | 3.49 | 3.32 | 3.49 | 4.29 | 5.85 | 4.85 | 4.42 | 3.58 | 3.20 | 2.36 | 1.83 |
| | 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 | -1.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GENESE | 32.61 | 29.01 | 26.10 | 26.33 | 26.39 | 29.60 | 38.85 | 39.29 | 40.19 | 38.73 | 36.80 | 34.56 | 34.34 | 34.06 | 33.24 | 33.74 | 36.37 | 46.74 | 40.23 | 39.08 | 34.51 | 34.75 | 30.48 | 30.71 |
| 61753 | -0.30 | -0.44 | -0.32 | -0.32 | -0.32 | -0.42 | -0.67 | -0.08 | -0.32 | -0.23 | -0.18 | -0.17 | -0.10 | -0.17 | -0.27 | -0.44 | -0.33 | -0.42 | -0.16 | -0.08 | 0.10 | 0.38 | 0.27 | -0.28 |
| | 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 | 32.90 | 29.46 | 26.41 | 26.65 | 26.71 | 31.04 | 38.18 | 38.63 | 39.66 | 38.18 | 36.32 | 34.08 | 33.79 | 33.68 | 33.04 | 33.67 | 35.86 | 42.63 | 38.18 | 38.18 | 33.68 | 33.68 | 29.73 | 30.93 |
| 61844 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | -0.36 | -0.79 | -0.81 | -0.78 | -0.67 | -0.66 | -0.65 | -0.55 | -0.47 | -0.51 | -0.84 | -1.37 | -1.09 | -0.98 | -0.72 | -0.69 | -0.48 | -0.06 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.99 | 0.99 | -0.04 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 1.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HUD VL | 34.65 | 31.05 | 27.84 | 28.04 | 28.04 | 31.67 | 42.60 | 43.35 | 44.60 | 42.93 | 40.50 | 38.11 | 37.86 | 37.48 | 36.62 | 37.50 | 40.78 | 53.78 | 45.00 | 43.27 | 37.64 | 37.29 | 32.42 | 32.76 |
| 61758 | 1.74 | 1.59 | 1.43 | 1.39 | 1.34 | 1.65 | 3.08 | 3.98 | 4.09 | 3.97 | 3.51 | 3.37 | 3.41 | 3.25 | 3.12 | 3.32 | 4.07 | 5.56 | 4.61 | 4.11 | 3.23 | 2.92 | 2.21 | 1.77 |
| | 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 | -1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LONGIL | 35.92 | 34.52 | 34.84 | 34.13 | 34.05 | 37.19 | 46.76 | 50.81 | 48.78 | 48.95 | 49.41 | 45.82 | 43.97 | 43.51 | 43.10 | 43.40 | 49.77 | 63.79 | 63.36 | 53.81 | 49.93 | 45.45 | 42.96 | 43.00 |
| 61762 | 2.96 | 2.59 | 2.25 | 2.19 | 2.16 | 2.61 | 4.51 | 5.47 | 5.71 | 5.45 | 4.92 | 4.72 | 4.72 | 4.52 | 4.36 | 4.51 | 5.47 | 7.45 | 6.14 | 5.64 | 4.58 | 4.23 | 3.20 | 2.79 |
| | -0.06 | -2.47 | -6.18 | -5.29 | -5.18 | -4.56 | -2.74 | -5.96 | -2.56 | -4.54 | -7.50 | -6.36 | -4.81 | -4.77 | -5.23 | -4.71 | -7.60 | -9.18 | -16.82 | -9.01 | -10.95 | -6.86 | -9.55 | -9.22 |
| MHK VL | 33.82 | 30.25 | 27.10 | 27.37 | 27.43 | 30.86 | 41.18 | 41.06 | 42.38 | 40.67 | 38.58 | 36.13 | 35.79 | 35.53 | 34.75 | 35.41 | 38.14 | 49.11 | 42.01 | 40.57 | 35.57 | 35.54 | 31.12 | 31.86 |
| 61756 | 0.92 | 0.80 | 0.69 | 0.72 | 0.72 | 0.84 | 1.66 | 1.69 | 1.86 | 1.71 | 1.59 | 1.39 | 1.34 | 1.30 | 1.24 | 1.23 | 1.43 | 1.89 | 1.62 | 1.41 | 1.17 | 1.17 | 0.91 | 0.87 |
| | 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 | -0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MILLWD | 34.58 | 30.93 | 27.73 | 27.93 | 27.93 | 31.58 | 42.64 | 43.50 | 44.81 | 43.09 | 40.72 | 38.31 | 37.99 | 37.65 | 36.76 | 37.60 | 40.93 | 54.58 | 45.20 | 43.51 | 37.91 | 37.53 | 32.54 | 32.79 |
| 61759 | 1.68 | 1.47 | 1.32 | 1.28 | 1.23 | 1.56 | 3.12 | 4.13 | 4.29 | 4.13 | 3.74 | 3.58 | 3.55 | 3.42 | 3.25 | 3.42 | 4.22 | 5.85 | 4.81 | 4.35 | 3.51 | 3.16 | 2.33 | 1.80 |
| | 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 | -1.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| N.Y.C. | 35.01 | 31.28 | 28.00 | 28.17 | 28.20 | 31.88 | 42.96 | 43.94 | 45.56 | 44.99 | 44.34 | 43.50 | 39.71 | 39.62 | 38.49 | 38.71 | 44.95 | 55.09 | 47.37 | 46.18 | 42.43 | 39.42 | 32.87 | 33.07 |
| 61761 | 2.11 | 1.83 | 1.58 | 1.52 | 1.50 | 1.86 | 3.44 | 4.57 | 4.74 | 4.60 | 4.18 | 3.99 | 3.96 | 3.83 | 3.65 | 3.83 | 4.66 | 6.32 | 5.25 | 4.86 | 3.96 | 3.61 | 2.66 | 2.08 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.31 | -1.44 | -3.18 | -4.76 | -1.30 | -1.56 | -1.33 | -0.70 | -3.58 | -1.61 | -1.72 | -2.17 | -4.07 | -1.44 | 0.00 | 0.00 |
| NORTH | 33.40 | 29.93 | 26.81 | 27.08 | 27.16 | 30.56 | 39.88 | 38.82 | 39.91 | 38.37 | 36.58 | 34.25 | 33.96 | 33.89 | 33.24 | 33.84 | 35.97 | 45.74 | 39.47 | 38.38 | 33.78 | 33.82 | 29.85 | 31.36 |
| 61755 | 0.49 | 0.47 | 0.40 | 0.43 | 0.45 | 0.54 | 0.36 | -0.55 | -0.61 | -0.58 | -0.41 | -0.49 | -0.48 | -0.34 | -0.27 | -0.34 | -0.73 | -1.41 | -0.93 | -0.78 | -0.62 | -0.55 | -0.36 | 0.37 |
| | 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 | 33.82 | 30.37 | 27.23 | 27.45 | 27.48 | 30.89 | 41.30 | 41.90 | 43.06 | 41.45 | 39.21 | 36.89 | 36.58 | 36.25 | 35.38 | 36.20 | 40.06 | 51.72 | 43.98 | 41.86 | 36.47 | 36.19 | 31.54 | 31.98 |
| 61845 | 0.92 | 0.91 | 0.82 | 0.80 | 0.77 | 0.87 | 1.78 | 2.48 | 2.59 | 2.49 | 2.22 | 2.15 | 2.14 | 2.02 | 1.88 | 2.02 | 2.72 | 3.73 | 3.03 | 2.70 | 2.06 | 1.82 | 1.33 | 0.99 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.64 | -0.84 | -0.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|---------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| O H 61846 | 32.01 -0.89 0.00 | 28.43 -1.03 0.00 | 25.70 -0.71 0.00 | 25.91 -0.75 0.00 | 25.96 -0.75 0.00 | 29.00 -1.02 0.00 | 37.59 -1.94 0.00 | 38.04 -1.38 -0.04 | 38.52 -1.94 0.04 | 37.24 -1.71 0.00 | 35.21 -1.78 0.00 | 33.14 -1.60 0.00 | 33.03 -1.41 0.00 | 32.72 -1.51 0.00 | 32.00 -1.51 0.00 | 32.54 -1.64 0.00 | 34.98 -1.73 0.00 | 44.66 -2.50 0.00 | 38.74 -1.66 0.00 | 37.63 -1.53 0.00 | 33.47 -0.93 0.00 | 33.95 -0.41 0.00 | 30.00 -0.21 0.00 | 30.00 -0.99 0.00 |
| PJM 61847 | 33.43 0.53 0.00 | 29.84 0.38 0.00 | 26.81 0.40 0.00 | 27.00 0.35 0.00 | 27.00 0.29 0.00 | 30.38 0.36 0.00 | 40.83 1.30 0.00 | 41.62 2.20 -0.04 | 42.48 1.99 0.02 | 41.03 1.95 -0.12 | 39.00 1.70 -0.31 | 36.87 1.67 -0.47 | 36.26 1.69 -0.12 | 35.95 1.57 -0.15 | 35.11 1.47 -0.13 | 35.82 1.57 -0.07 | 39.00 1.98 -0.31 | 50.86 2.88 -0.83 | 42.94 2.42 -0.12 | 41.48 2.19 -0.13 | 36.62 1.89 -0.33 | 36.05 1.68 0.00 | 31.39 1.18 0.00 | 31.52 0.53 0.00 |
| WEST 61752 | 32.44 -0.46 0.00 | 28.75 -0.71 0.00 | 25.96 -0.45 0.00 | 26.17 -0.48 0.00 | 26.20 -0.51 0.00 | 29.33 -0.69 0.00 | 38.42 -1.11 0.00 | 39.02 -0.35 0.00 | 39.58 -0.93 0.00 | 38.18 -0.78 0.00 | 36.17 -0.81 0.00 | 34.01 -0.73 0.00 | 33.83 -0.62 0.00 | 33.51 -0.72 0.00 | 32.77 -0.74 0.00 | 33.29 -0.89 0.00 | 35.82 -0.88 0.00 | 46.07 -1.08 0.00 | 39.83 -0.57 0.00 | 38.69 -0.47 0.00 | 34.44 0.03 0.00 | 34.78 0.41 0.00 | 30.57 0.36 0.00 | 30.37 -0.62 0.00 |