

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

04/08/2009

| 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 | 33.18 | 31.49 | 30.30 | 32.56 | 32.43 | 29.42 | 55.20 | 48.85 | 49.67 | 45.95 | 47.70 | 46.94 | 45.91 | 45.38 | 44.46 | 43.16 | 44.95 | 45.45 | 42.02 | 54.24 | 47.77 | 43.43 | 42.52 | 36.40 |
| 61757 | 1.58 | 1.50 | 1.36 | 1.40 | 1.40 | 1.16 | 3.42 | 3.11 | 2.81 | 2.52 | 2.61 | 2.53 | 2.60 | 2.65 | 2.67 | 2.52 | 2.46 | 2.41 | 2.45 | 2.88 | 2.06 | 1.83 | 1.52 | 1.30 |
| | 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 | 32.01 | 30.47 | 29.40 | 31.69 | 31.65 | 29.05 | 53.24 | 46.42 | 47.80 | 44.13 | 45.85 | 45.26 | 44.00 | 43.50 | 42.41 | 41.17 | 42.99 | 43.47 | 39.80 | 52.19 | 46.54 | 42.68 | 41.46 | 35.35 |
| 61754 | 0.41 | 0.48 | 0.46 | 0.53 | 0.62 | 0.79 | 1.45 | 0.69 | 0.94 | 0.69 | 0.77 | 0.84 | 0.69 | 0.77 | 0.63 | 0.53 | 0.51 | 0.43 | 0.24 | 0.82 | 0.82 | 1.08 | 0.45 | 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 | 34.29 | 32.66 | 31.34 | 33.59 | 33.48 | 30.38 | 57.38 | 51.04 | 52.06 | 48.38 | 50.63 | 49.79 | 48.63 | 48.11 | 46.97 | 45.60 | 47.41 | 47.90 | 43.91 | 56.86 | 50.56 | 46.14 | 44.94 | 38.02 |
| 61760 | 2.69 | 2.67 | 2.40 | 2.43 | 2.45 | 2.12 | 5.59 | 5.31 | 5.20 | 4.95 | 5.55 | 5.37 | 5.33 | 5.38 | 5.18 | 4.96 | 4.93 | 4.86 | 4.35 | 5.50 | 4.85 | 4.53 | 3.94 | 2.91 |
| | 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 | 30.88 | 29.30 | 28.27 | 30.76 | 30.69 | 28.35 | 52.10 | 44.96 | 46.53 | 42.74 | 44.05 | 43.75 | 42.70 | 42.00 | 40.87 | 39.63 | 41.76 | 42.52 | 38.46 | 50.80 | 45.12 | 41.81 | 40.35 | 34.19 |
| 61753 | -0.73 | -0.69 | -0.67 | -0.41 | -0.34 | 0.08 | 0.31 | -0.78 | -0.33 | -0.69 | -1.04 | -0.67 | -0.61 | -0.73 | -0.92 | -1.02 | -0.72 | -0.52 | -1.11 | -0.56 | -0.59 | 0.21 | -0.66 | -0.91 |
| | 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 | 31.00 | 29.33 | 28.27 | 30.48 | 30.35 | 38.10 | 39.80 | 44.59 | 45.74 | 42.39 | 43.91 | 43.21 | 42.09 | 41.44 | 40.57 | 39.51 | 41.25 | 41.87 | 42.05 | 44.93 | 44.67 | 40.35 | 38.10 | 36.53 |
| 61844 | -0.60 | -0.66 | -0.67 | -0.69 | -0.68 | -0.59 | -1.55 | -1.14 | -1.12 | -1.04 | -1.17 | -1.20 | -1.21 | -1.28 | -1.21 | -1.14 | -1.23 | -1.16 | -1.07 | -1.28 | -1.05 | -1.25 | -0.78 | -0.70 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -10.43 | 10.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.55 | 5.15 | 0.00 | 0.00 | 2.13 | -2.13 |
| HUD VL | 34.04 | 32.48 | 31.19 | 33.47 | 33.33 | 30.21 | 56.86 | 50.54 | 51.45 | 47.91 | 50.00 | 49.34 | 48.16 | 47.64 | 46.55 | 45.28 | 46.94 | 47.38 | 43.60 | 56.24 | 50.06 | 45.85 | 44.70 | 37.77 |
| 61758 | 2.43 | 2.49 | 2.26 | 2.31 | 2.30 | 1.95 | 5.08 | 4.80 | 4.59 | 4.47 | 4.91 | 4.93 | 4.85 | 4.91 | 4.76 | 4.63 | 4.46 | 4.35 | 4.04 | 4.88 | 4.34 | 4.24 | 3.69 | 2.67 |
| | 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 | 51.37 | 33.47 | 31.98 | 34.22 | 34.10 | 31.20 | 58.73 | 58.67 | 56.26 | 49.47 | 55.40 | 54.61 | 54.37 | 53.19 | 49.40 | 47.92 | 49.76 | 50.14 | 46.72 | 58.35 | 57.87 | 57.17 | 46.14 | 38.68 |
| 61762 | 3.60 | 3.48 | 3.04 | 3.05 | 3.07 | 2.94 | 6.94 | 6.63 | 6.61 | 6.04 | 6.94 | 6.75 | 6.67 | 6.75 | 6.52 | 6.22 | 6.25 | 6.15 | 5.58 | 6.99 | 6.31 | 5.87 | 5.13 | 3.58 |
| | -16.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.30 | -2.79 | 0.00 | -3.37 | -3.45 | -4.39 | -3.71 | -1.09 | -1.06 | -1.03 | -0.95 | -1.58 | 0.00 | -5.85 | -9.70 | -0.01 | 0.00 |
| MHK VL | 32.30 | 30.44 | 29.37 | 31.66 | 31.62 | 29.00 | 53.91 | 47.29 | 48.69 | 45.00 | 46.57 | 45.92 | 44.65 | 44.09 | 43.08 | 42.03 | 43.59 | 44.07 | 40.79 | 53.47 | 47.45 | 43.14 | 42.20 | 35.84 |
| 61756 | 0.70 | 0.45 | 0.43 | 0.50 | 0.59 | 0.73 | 2.12 | 1.56 | 1.83 | 1.56 | 1.49 | 1.51 | 1.34 | 1.37 | 1.30 | 1.38 | 1.10 | 1.03 | 1.23 | 2.11 | 1.74 | 1.54 | 1.19 | 0.74 |
| | 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 | 34.13 | 32.54 | 31.19 | 33.50 | 33.36 | 30.24 | 57.33 | 50.95 | 51.87 | 48.08 | 50.50 | 49.57 | 48.37 | 47.90 | 46.76 | 45.40 | 47.16 | 47.68 | 43.68 | 56.71 | 50.38 | 45.89 | 44.82 | 37.88 |
| 61759 | 2.53 | 2.55 | 2.26 | 2.34 | 2.33 | 1.98 | 5.54 | 5.21 | 5.01 | 4.65 | 5.41 | 5.15 | 5.07 | 5.17 | 4.97 | 4.76 | 4.67 | 4.65 | 4.11 | 5.34 | 4.66 | 4.29 | 3.81 | 2.77 |
| | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| N.Y.C. | 34.58 | 32.93 | 31.57 | 33.84 | 33.70 | 30.61 | 57.80 | 53.27 | 52.39 | 51.90 | 53.87 | 53.10 | 52.32 | 51.59 | 50.56 | 49.33 | 50.96 | 51.36 | 48.10 | 60.70 | 55.89 | 51.08 | 49.01 | 38.34 |
| 61761 | 2.97 | 2.94 | 2.63 | 2.68 | 2.67 | 2.35 | 6.01 | 5.67 | 5.53 | 5.39 | 5.95 | 5.77 | 5.76 | 5.77 | 5.56 | 5.32 | 5.31 | 5.21 | 4.67 | 5.80 | 5.26 | 4.91 | 4.26 | 3.23 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.86 | 0.00 | -3.08 | -2.83 | -2.92 | -3.25 | -3.10 | -3.22 | -3.36 | -3.17 | -3.12 | -3.87 | -3.53 | -4.91 | -4.57 | -3.74 | 0.00 |
| NORTH | 30.59 | 28.73 | 27.69 | 29.85 | 29.79 | 27.30 | 49.66 | 44.18 | 45.45 | 42.17 | 43.46 | 42.68 | 41.53 | 40.72 | 39.90 | 38.90 | 40.61 | 41.27 | 37.98 | 49.93 | 44.53 | 39.90 | 39.86 | 33.84 |
| 61755 | -1.01 | -1.26 | -1.24 | -1.31 | -1.24 | -0.96 | -2.12 | -1.56 | -1.41 | -1.26 | -1.62 | -1.73 | -1.78 | -2.01 | -1.88 | -1.75 | -1.87 | -1.76 | -1.58 | -1.44 | -1.19 | -1.71 | -1.15 | -1.26 |
| | 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 | 33.53 | 31.94 | 30.76 | 33.00 | 32.83 | 37.63 | 47.56 | 45.22 | 46.83 | 46.56 | 47.72 | 47.70 | 46.64 | 46.10 | 45.21 | 43.85 | 45.50 | 46.22 | 46.12 | 51.15 | 48.46 | 43.10 | 39.35 | 39.85 |
| 61845 | 1.93 | 1.95 | 1.82 | 1.84 | 1.80 | 1.41 | 3.73 | 3.38 | 3.19 | 3.13 | 3.34 | 3.29 | 3.33 | 3.38 | 3.43 | 3.21 | 3.02 | 3.18 | 3.01 | 3.34 | 2.74 | 2.58 | 2.13 | 1.83 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.96 | 7.96 | 3.90 | 3.22 | 0.00 | 0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.55 | 3.55 | 0.00 | 1.08 | 3.79 | -2.92 |

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|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 30.18 | 29.00 | 27.98 | 30.26 | 30.22 | 35.85 | 41.66 | 42.40 | 43.44 | 40.05 | 41.48 | 41.04 | 39.93 | 39.48 | 38.48 | 37.31 | 39.17 | 39.55 | 39.59 | 43.86 | 42.24 | 39.44 | 36.09 | 34.81 |
| | -1.42 | -0.99 | -0.95 | -0.90 | -0.81 | -0.37 | -2.18 | -3.34 | -3.42 | -3.39 | -3.61 | -3.38 | -3.38 | -3.25 | -3.30 | -3.33 | -3.31 | -3.49 | -3.52 | -3.96 | -3.47 | -2.16 | -2.79 | -2.42 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.96 | 7.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.55 | 3.55 | 0.00 | 0.00 | 2.13 | -2.13 |
| PJM 61847 | 32.52 | 32.06 | 30.85 | 33.00 | 32.89 | 37.90 | 48.34 | 49.58 | 50.66 | 47.04 | 49.05 | 48.41 | 47.12 | 46.70 | 45.55 | 44.14 | 41.72 | 46.05 | 45.80 | 51.46 | 49.15 | 45.87 | 40.44 | 38.42 |
| | 0.92 | 2.07 | 1.91 | 1.84 | 1.86 | 1.70 | 4.51 | 3.84 | 3.80 | 3.60 | 3.97 | 4.00 | 3.81 | 3.97 | 3.76 | 3.50 | -0.76 | 3.01 | 2.69 | 3.65 | 3.43 | 3.33 | 2.50 | 1.72 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.95 | 7.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.55 | 3.55 | 0.00 | -0.94 | 3.07 | -1.60 |
| WEST 61752 | 31.16 | 29.93 | 28.88 | 31.13 | 31.12 | 28.77 | 33.57 | 29.29 | 27.50 | 27.52 | 27.73 | 27.65 | 27.50 | 27.83 | 27.50 | 27.47 | 27.13 | 26.98 | 26.83 | 27.73 | 27.62 | 27.35 | 25.68 | 26.50 |
| | -0.44 | -0.06 | -0.06 | -0.03 | 0.09 | 0.51 | 0.31 | -1.05 | -0.94 | -1.04 | -1.13 | -0.93 | -1.00 | -0.81 | -1.00 | -1.18 | -1.27 | -1.55 | -1.78 | -1.39 | -1.10 | -0.17 | -1.11 | -1.33 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 18.52 | 15.40 | 18.42 | 14.87 | 16.23 | 15.83 | 14.81 | 14.09 | 13.28 | 11.99 | 14.07 | 14.50 | 10.96 | 22.25 | 17.00 | 14.09 | 14.22 | 7.27 |