

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

12/14/2002

| Name PTID | 00:00 EST | 01:00 EST | 02:00 EST | 03:00 EST | 04:00 EST | 05:00 EST | 06:00 EST | 07:00 EST | 08:00 EST | 09:00 EST | 10:00 EST | 11:00 EST | 12:00 EST | 13:00 EST | 14:00 EST | 15:00 EST | 16:00 EST | 17:00 EST | 18:00 EST | 19:00 EST | 20:00 EST | 21:00 EST | 22:00 EST | 23:00 EST |
|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| CAPITL 61757 | 58.56 3.99 0.00 | 66.30 4.91 0.00 | 55.47 4.17 0.00 | 54.21 4.17 0.00 | 22.87 1.65 0.00 | 18.89 1.31 0.00 | 31.59 2.15 0.00 | 31.86 2.17 0.00 | 41.51 3.21 0.00 | 74.93 6.25 0.00 | 57.15 4.52 0.00 | 58.86 4.86 0.00 | 56.82 4.67 0.00 | 51.44 4.14 0.00 | 51.89 4.20 0.00 | 50.22 4.17 0.00 | 63.08 5.11 0.00 | 60.65 4.70 0.00 | 60.77 4.81 0.00 | 62.37 4.99 0.00 | 58.09 4.59 0.00 | 53.38 4.19 0.00 | 51.38 3.95 0.00 | 43.12 3.21 0.00 |
| CENTRL 61754 | 53.21 -1.36 0.00 | 59.80 -1.59 0.00 | 49.94 -1.36 0.00 | 48.68 -1.36 0.00 | 20.76 -0.46 0.00 | 17.27 -0.31 0.00 | 28.80 -0.63 0.00 | 29.04 -0.66 0.00 | 37.41 -0.90 0.00 | 67.06 -1.62 0.00 | 51.38 -1.25 0.00 | 52.70 -1.30 0.00 | 50.88 -1.26 0.00 | 46.14 -1.16 0.00 | 46.47 -1.22 0.00 | 44.88 -1.17 0.00 | 56.55 -1.42 0.00 | 54.77 -1.18 0.00 | 54.76 -1.20 0.00 | 56.19 -1.20 0.00 | 52.35 -1.16 0.00 | 48.08 -1.12 0.00 | 46.20 -1.24 0.00 | 38.72 -1.18 0.00 |
| DUNWOD 61760 | 56.61 2.04 0.00 | 63.33 1.94 0.00 | 52.88 1.58 0.00 | 51.58 1.54 0.00 | 21.92 0.70 0.00 | 18.22 0.64 0.00 | 30.56 1.13 0.00 | 31.08 1.39 0.00 | 40.30 2.00 0.00 | 72.28 3.60 0.00 | 55.47 2.84 0.00 | 56.65 2.65 0.00 | 54.56 2.42 0.00 | 49.58 2.28 0.00 | 50.07 2.38 0.00 | 48.36 2.32 0.00 | 61.32 3.35 0.00 | 59.17 3.22 0.00 | 59.25 3.30 0.00 | 60.44 3.05 0.00 | 56.04 2.54 0.00 | 51.57 2.38 0.00 | 49.75 2.31 0.00 | 41.93 2.02 0.00 |
| GENESE 61753 | 55.05 0.48 0.00 | 61.80 0.41 0.00 | 51.48 0.18 0.00 | 50.13 0.09 0.00 | 21.28 0.06 0.00 | 17.68 0.09 0.00 | 29.65 0.21 0.00 | 29.79 0.09 0.00 | 38.35 0.05 0.00 | 68.91 0.23 0.00 | 52.83 0.21 0.00 | 54.46 0.46 0.00 | 52.73 0.59 0.00 | 47.86 0.55 0.00 | 48.09 0.40 0.00 | 46.38 0.33 0.00 | 58.05 0.08 0.00 | 56.13 0.18 0.00 | 56.10 0.15 0.00 | 57.69 0.30 0.00 | 54.05 0.54 0.00 | 49.58 0.39 0.00 | 47.70 0.27 0.00 | 39.88 -0.03 0.00 |
| H Q 61844 | 54.70 0.13 0.00 | 61.20 -0.20 0.00 | 51.05 -0.25 0.00 | 49.73 -0.30 0.00 | 23.11 0.13 2.27 | 20.84 0.10 3.89 | 29.36 -0.07 0.00 | 29.60 -0.09 0.00 | 37.88 0.08 1.31 | 68.48 -0.20 0.00 | 52.59 -0.03 0.00 | 54.10 0.10 0.00 | 52.28 0.13 0.00 | 47.38 0.07 0.00 | 47.76 0.06 0.00 | 46.06 0.02 0.00 | 55.00 -0.11 -2.15 | 55.84 -0.10 0.00 | 55.79 -0.17 0.00 | 57.32 -0.07 0.00 | 53.72 0.21 0.00 | 49.44 0.25 0.00 | 47.83 0.40 0.00 | 40.15 0.25 0.00 |
| HUD VL 61758 | 55.38 0.81 0.00 | 62.12 0.73 0.00 | 51.92 0.62 0.00 | 50.64 0.60 0.00 | 21.49 0.28 0.00 | 17.85 0.27 0.00 | 29.91 0.48 0.00 | 30.32 0.63 0.00 | 39.22 0.92 0.00 | 70.37 1.69 0.00 | 53.95 1.32 0.00 | 55.08 1.08 0.00 | 53.02 0.88 0.00 | 48.13 0.83 0.00 | 48.63 0.94 0.00 | 46.99 0.94 0.00 | 59.58 1.61 0.00 | 57.59 1.64 0.00 | 57.63 1.67 0.00 | 58.85 1.46 0.00 | 54.59 1.09 0.00 | 50.19 1.00 0.00 | 48.42 0.99 0.00 | 40.85 0.94 0.00 |
| LONGIL 61762 | 56.71 2.14 0.00 | 63.69 2.30 0.00 | 53.56 2.26 0.00 | 52.47 2.43 0.00 | 22.30 1.09 0.00 | 18.56 0.98 0.00 | 31.12 1.68 0.00 | 37.46 2.07 -5.70 | 43.07 2.93 -1.83 | 73.63 4.95 0.00 | 56.20 3.57 0.00 | 57.18 3.19 0.00 | 55.04 2.89 0.00 | 50.05 2.75 0.00 | 50.55 2.86 0.00 | 48.87 2.82 0.00 | 74.21 4.07 -12.17 | 60.37 3.57 -0.85 | 60.56 3.61 -1.00 | 60.69 3.30 0.00 | 56.26 2.75 0.00 | 51.75 2.56 0.00 | 50.09 2.65 0.00 | 42.28 2.37 0.00 |
| MHK VL 61756 | 55.76 1.19 0.00 | 62.81 1.42 0.00 | 52.48 1.18 0.00 | 51.16 1.12 0.00 | 21.70 0.48 0.00 | 17.99 0.41 0.00 | 30.13 0.69 0.00 | 30.34 0.65 0.00 | 39.21 0.91 0.00 | 70.42 1.74 0.00 | 53.85 1.22 0.00 | 55.36 1.36 0.00 | 53.44 1.30 0.00 | 48.46 1.16 0.00 | 48.85 1.15 0.00 | 47.18 1.13 0.00 | 59.27 1.29 0.00 | 57.13 1.18 0.00 | 57.16 1.20 0.00 | 58.72 1.33 0.00 | 54.79 1.29 0.00 | 50.43 1.24 0.00 | 48.58 1.15 0.00 | 40.86 0.95 0.00 |
| MILLWD 61759 | 55.91 1.34 0.00 | 62.55 1.16 0.00 | 52.23 0.93 0.00 | 50.93 0.89 0.00 | 21.63 0.42 0.00 | 17.98 0.40 0.00 | 30.14 0.71 0.00 | 30.63 0.94 0.00 | 39.69 1.38 0.00 | 71.18 2.50 0.00 | 54.62 1.99 0.00 | 55.77 1.77 0.00 | 53.73 1.59 0.00 | 48.81 1.51 0.00 | 49.27 1.58 0.00 | 47.61 1.57 0.00 | 60.36 2.39 0.00 | 58.25 2.30 0.00 | 58.34 2.38 0.00 | 59.52 2.14 0.00 | 55.20 1.70 0.00 | 50.80 1.61 0.00 | 48.86 1.42 0.00 | 41.31 1.40 0.00 |
| N.Y.C. 61761 | 63.37 2.94 -5.87 | 64.20 2.81 0.00 | 53.55 2.25 0.00 | 52.24 2.21 0.00 | 22.24 1.02 0.00 | 20.37 0.93 -1.86 | 38.82 1.63 -7.76 | 43.26 1.94 -11.62 | 57.16 2.77 -16.09 | 78.25 4.92 -4.65 | 57.84 3.88 -1.33 | 65.69 3.77 -7.92 | 64.68 3.50 -9.04 | 65.57 3.27 -14.99 | 60.85 3.38 -9.77 | 49.37 3.23 -0.09 | 62.49 4.52 0.00 | 60.30 4.35 0.00 | 60.59 4.49 -0.15 | 61.67 4.22 -0.06 | 61.22 3.61 -4.11 | 70.21 3.49 -17.53 | 63.06 3.37 -12.26 | 54.97 2.91 -12.16 |
| NORTH 61755 | 55.12 0.55 0.00 | 61.70 0.31 0.00 | 51.47 0.17 0.00 | 50.14 0.10 0.00 | 21.25 0.04 0.00 | 17.65 0.07 0.00 | 29.62 0.19 0.00 | 29.83 0.13 0.00 | 38.48 0.18 0.00 | 69.10 0.42 0.00 | 53.00 0.38 0.00 | 54.57 0.57 0.00 | 52.75 0.61 0.00 | 47.78 0.48 0.00 | 48.15 0.46 0.00 | 46.46 0.42 0.00 | 58.37 0.40 0.00 | 56.27 0.32 0.00 | 56.21 0.25 0.00 | 57.78 0.39 0.00 | 54.17 0.66 0.00 | 49.87 0.68 0.00 | 48.20 0.76 0.00 | 40.54 0.64 0.00 |
| NPX 61845 | 56.33 1.76 0.00 | 63.67 2.28 0.00 | 53.28 1.98 0.00 | 52.06 2.02 0.00 | 23.69 0.71 2.27 | 21.40 0.66 3.89 | 30.40 0.96 0.00 | 30.69 0.99 0.00 | 39.21 1.41 1.31 | 71.85 3.17 0.00 | 54.79 2.16 0.00 | 56.21 2.21 0.00 | 54.26 2.12 0.00 | 49.19 1.89 0.00 | 49.66 1.97 0.00 | 48.05 2.01 0.00 | 57.71 2.60 -2.15 | 58.22 2.27 0.00 | 58.33 2.37 0.00 | 59.77 2.39 0.00 | 55.60 2.09 0.00 | 51.14 1.95 0.00 | 49.36 1.92 0.00 | 41.55 1.65 0.00 |

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|---------------|-------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| PJM 61846 | 45.65 -8.92 0.00 | 51.17 -10.22 0.00 | 42.67 -8.63 0.00 | 41.56 -8.48 0.00 | 20.28 -2.70 2.27 | 18.20 -2.54 3.89 | 24.53 -4.91 0.00 | 24.56 -5.13 0.00 | 33.03 -4.77 1.31 | 55.49 -13.19 0.00 | 42.84 -9.79 0.00 | 43.79 -10.21 0.00 | 42.48 -9.67 0.00 | 38.71 -8.59 0.00 | 38.86 -8.83 0.00 | 37.44 -8.60 0.00 | 47.17 -7.94 -2.15 | 45.41 -10.54 0.00 | 45.33 -10.63 0.00 | 46.52 -10.87 0.00 | 43.68 -9.83 0.00 | 40.07 -9.12 0.00 | 38.78 -8.65 0.00 | 32.68 -7.23 0.00 |
| PJM 61847 | 50.64 -3.93 0.00 | 56.92 -4.47 0.00 | 47.52 -3.78 0.00 | 46.26 -3.78 0.00 | 20.00 -2.98 2.27 | 18.01 -2.73 3.89 | 22.00 -3.28 2.31 | 27.58 -2.11 0.00 | 32.91 -4.89 1.31 | 63.21 -5.47 0.00 | 47.94 -4.69 0.00 | 48.70 -5.30 0.00 | 47.06 -5.09 0.00 | 42.73 -4.58 0.00 | 42.98 -4.71 0.00 | 41.42 -4.62 0.00 | 48.65 -6.46 -2.15 | 50.62 -5.33 0.00 | 50.49 -5.47 0.00 | 51.78 -5.60 0.00 | 48.31 -5.20 0.00 | 44.25 -4.94 0.00 | 42.75 -4.68 0.00 | 36.10 -3.80 0.00 |
| WEST 61752 | 50.93 -3.64 0.00 | 57.00 -4.39 0.00 | 47.51 -3.79 0.00 | 46.21 -3.83 0.00 | 19.69 -1.52 0.00 | 16.30 -1.28 0.00 | 27.39 -2.04 0.00 | 27.38 -2.31 0.00 | 34.75 -3.55 0.00 | 61.62 -7.06 0.00 | 47.60 -5.03 0.00 | 48.65 -5.35 0.00 | 47.22 -4.92 0.00 | 43.03 -4.27 0.00 | 43.19 -4.51 0.00 | 41.57 -4.48 0.00 | 52.02 -5.95 0.00 | 50.51 -5.44 0.00 | 50.35 -5.61 0.00 | 51.70 -5.69 0.00 | 48.59 -4.91 0.00 | 44.59 -4.60 0.00 | 43.06 -4.37 0.00 | 36.23 -3.67 0.00 |