

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

04/20/2002

| 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 61757 | 14.00 0.57 0.00 | 38.65 2.01 0.00 | 27.11 1.33 0.00 | 33.68 1.60 0.00 | 23.27 1.13 0.00 | 8.61 0.35 0.00 | 16.97 0.58 0.00 | 22.27 0.66 0.00 | 29.57 1.04 0.00 | 38.64 1.34 0.00 | 37.68 0.98 -1.20 | 54.50 1.18 0.00 | 66.25 1.14 0.00 | 37.36 0.98 0.00 | 27.61 0.44 -1.13 | 34.51 0.43 -8.64 | 23.93 0.33 -1.53 | 37.31 0.32 -18.83 | 42.32 0.29 -25.92 | 31.32 0.33 -11.16 | 36.57 0.79 0.00 | 29.95 0.67 -2.62 | 29.26 0.93 0.00 | 8.51 0.30 0.00 |
| CENTRL 61754 | 13.23 -0.20 0.00 | 35.84 -0.80 0.00 | 25.08 -0.70 0.00 | 31.22 -0.86 0.00 | 21.57 -0.56 0.00 | 8.12 -0.14 0.00 | 16.19 -0.20 0.00 | 21.16 -0.45 0.00 | 27.88 -0.64 0.00 | 36.44 -0.86 0.00 | 34.87 -0.74 -0.11 | 52.26 -1.06 0.00 | 63.79 -1.32 0.00 | 35.61 -0.77 0.00 | 25.55 -0.60 -0.11 | 25.66 -0.60 -0.82 | 21.71 -0.50 -0.14 | 19.54 -0.40 -1.78 | 18.20 -0.36 -2.45 | 20.46 -0.42 -1.05 | 35.06 -0.72 0.00 | 26.36 -0.55 -0.25 | 27.67 -0.66 0.00 | 8.05 -0.16 0.00 |
| DUNWOD 61760 | 14.34 0.90 0.00 | 38.87 2.23 0.00 | 27.42 1.64 0.00 | 34.06 1.97 0.00 | 23.39 1.26 0.00 | 8.76 0.50 0.00 | 17.42 1.02 0.00 | 23.21 1.60 0.00 | 30.66 2.13 0.00 | 40.38 3.08 0.00 | 39.48 3.11 -0.87 | 58.00 4.69 0.00 | 70.86 5.75 0.00 | 39.57 3.19 0.00 | 29.41 2.54 -0.82 | 34.27 2.53 -6.29 | 25.41 2.23 -1.11 | 33.66 1.78 -13.71 | 36.54 1.56 -18.87 | 29.90 1.95 -8.13 | 39.21 3.43 0.00 | 31.05 2.48 -1.91 | 30.78 2.45 0.00 | 8.87 0.65 0.00 |
| GENESE 61753 | 13.15 -0.29 0.00 | 36.05 -0.59 0.00 | 25.25 -0.54 0.00 | 31.43 -0.65 0.00 | 21.72 -0.41 0.00 | 8.08 -0.17 0.00 | 16.09 -0.31 0.00 | 21.06 -0.55 0.00 | 27.85 -0.67 0.00 | 36.27 -1.03 0.00 | 34.54 -1.07 -0.11 | 51.46 -1.86 0.00 | 62.82 -2.29 0.00 | 35.26 -1.12 0.00 | 25.21 -0.94 -0.11 | 25.34 -0.94 -0.83 | 21.40 -0.81 -0.15 | 19.38 -0.60 -1.81 | 18.09 -0.52 -2.50 | 20.27 -0.63 -1.08 | 34.78 -0.99 0.00 | 26.12 -0.80 -0.25 | 27.58 -0.75 0.00 | 8.02 -0.19 0.00 |
| H Q 61844 | 25.50 -0.64 7.57 | 36.04 -0.60 0.00 | 25.36 -0.42 0.00 | 31.57 -0.52 0.00 | 21.78 -0.36 0.00 | 20.51 -0.36 3.41 | 25.00 -0.31 -3.23 | 21.23 -0.38 0.00 | 28.00 -0.53 0.00 | 36.58 -0.72 0.00 | 34.66 -0.83 0.01 | 52.01 -1.31 0.00 | 35.00 -1.10 0.53 | 35.51 -0.87 0.00 | 28.01 -1.08 4.77 | 26.01 -1.10 6.29 | 28.00 -1.09 3.88 | 28.00 -1.11 4.54 | 30.00 -1.14 2.35 | 19.20 -0.55 0.08 | 34.90 -0.88 0.00 | 25.99 -0.66 0.02 | 27.77 -0.56 0.00 | 8.06 -0.16 0.00 |
| HUD VL 61758 | 14.10 0.66 0.00 | 38.22 1.58 0.00 | 26.93 1.15 0.00 | 33.45 1.37 0.00 | 23.00 0.87 0.00 | 8.62 0.36 0.00 | 17.13 0.73 0.00 | 22.77 1.15 0.00 | 30.08 1.55 0.00 | 39.54 2.24 0.00 | 38.66 2.29 -0.87 | 56.83 3.52 0.00 | 69.42 4.32 0.00 | 38.75 2.37 0.00 | 28.75 1.89 -0.82 | 33.60 1.88 -6.28 | 24.82 1.64 -1.11 | 33.18 1.32 -13.70 | 36.12 1.15 -18.85 | 29.39 1.44 -8.12 | 38.29 2.52 0.00 | 30.40 1.83 -1.90 | 30.10 1.78 0.00 | 8.68 0.47 0.00 |
| LONGIL 61762 | 14.35 0.92 0.00 | 38.98 2.35 0.00 | 55.99 1.77 -28.43 | 44.92 2.11 -10.72 | 23.46 1.33 0.00 | 16.96 0.53 -8.17 | 27.94 1.06 -10.48 | 38.44 1.64 -15.18 | 37.82 2.08 -7.21 | 41.60 3.01 -1.28 | 39.24 2.87 -0.87 | 57.15 3.83 0.00 | 70.08 4.97 0.00 | 39.23 2.85 0.00 | 32.52 2.44 -4.04 | 36.56 2.50 -8.62 | 37.96 2.15 -13.75 | 38.17 1.71 -18.29 | 37.94 1.47 -20.36 | 37.58 1.84 -15.91 | 39.05 3.27 0.00 | 38.24 2.41 -9.17 | 34.82 2.42 -4.08 | 34.06 0.66 -25.18 |
| MHK VL 61756 | 13.45 0.02 0.00 | 36.87 0.24 0.00 | 25.95 0.16 0.00 | 32.26 0.18 0.00 | 22.25 0.11 0.00 | 8.29 0.03 0.00 | 16.47 0.07 0.00 | 21.65 0.03 0.00 | 28.58 0.05 0.00 | 37.36 0.06 0.00 | 35.49 -0.03 -0.03 | 53.22 -0.09 0.00 | 64.97 -0.13 0.00 | 36.43 0.05 0.00 | 26.01 -0.05 -0.03 | 25.59 -0.06 -0.20 | 22.05 -0.05 -0.04 | 18.56 -0.04 -0.44 | 16.67 -0.04 -0.60 | 20.06 -0.02 -0.26 | 35.78 0.00 0.00 | 26.72 0.00 -0.06 | 28.40 0.07 0.00 | 8.26 0.05 0.00 |
| MILLWD 61759 | 14.13 0.70 0.00 | 38.32 1.68 0.00 | 27.04 1.25 0.00 | 33.58 1.50 0.00 | 23.07 0.93 0.00 | 8.64 0.38 0.00 | 17.18 0.78 0.00 | 22.88 1.26 0.00 | 30.21 1.69 0.00 | 39.77 2.47 0.00 | 38.88 2.52 -0.86 | 57.23 3.92 0.00 | 69.96 4.85 0.00 | 39.08 2.70 0.00 | 29.04 2.19 -0.81 | 33.85 2.18 -6.22 | 25.08 1.91 -1.10 | 33.26 1.53 -13.56 | 36.11 1.33 -18.67 | 29.54 1.67 -8.04 | 38.70 2.92 0.00 | 30.66 2.11 -1.89 | 30.39 2.07 0.00 | 8.76 0.54 0.00 |
| N.Y.C. 61761 | 14.58 1.14 0.00 | 39.49 2.85 0.00 | 27.86 2.07 0.00 | 34.65 2.56 0.00 | 23.74 1.60 0.00 | 8.88 0.62 0.00 | 17.67 1.27 0.00 | 23.59 1.97 0.00 | 31.10 2.57 0.00 | 41.03 3.73 0.00 | 40.17 3.80 -0.87 | 59.00 5.69 0.00 | 72.03 6.92 0.00 | 40.21 3.83 0.00 | 29.88 3.01 -0.82 | 34.73 2.98 -6.30 | 25.82 2.64 -1.12 | 34.01 2.11 -13.73 | 36.86 1.85 -18.90 | 30.27 2.30 -8.14 | 39.86 4.08 0.00 | 31.52 2.94 -1.91 | 31.29 2.96 0.00 | 9.00 0.79 0.00 |
| NORTH 61755 | 13.19 -0.24 0.00 | 36.13 -0.51 0.00 | 25.43 -0.36 0.00 | 31.63 -0.45 0.00 | 21.82 -0.32 0.00 | 8.12 -0.14 0.00 | 16.15 -0.25 0.00 | 21.19 -0.43 0.00 | 27.83 -0.69 0.00 | 36.36 -0.94 0.00 | 34.40 -1.09 0.01 | 51.60 -1.71 0.00 | 63.02 -2.08 0.00 | 35.27 -1.11 0.00 | 25.12 -0.91 0.01 | 24.43 -0.92 0.09 | 21.19 -0.86 0.01 | 17.28 -0.69 0.19 | 15.25 -0.60 0.26 | 19.01 -0.71 0.11 | 34.63 -1.15 0.00 | 25.77 -0.86 0.03 | 27.72 -0.60 0.00 | 8.06 -0.15 0.00 |
| NPX 61845 | 28.06 1.92 7.57 | 37.95 1.32 0.00 | 26.69 0.90 0.00 | 33.16 1.08 0.00 | 22.87 0.74 0.00 | 21.99 1.12 3.41 | 26.28 0.97 -3.23 | 22.09 0.48 0.00 | 29.24 0.71 0.00 | 38.27 0.97 0.00 | 37.36 0.78 -1.09 | 54.31 0.99 0.00 | 66.14 1.03 0.00 | 37.20 0.82 0.00 | 35.01 2.17 1.02 | 30.28 2.14 5.26 | 23.88 0.42 -1.39 | 35.63 0.36 -17.10 | 39.97 0.32 -23.54 | 30.33 0.37 -10.14 | 36.49 0.71 0.00 | 29.64 0.59 -2.38 | 29.07 0.74 0.00 | 8.44 0.23 0.00 |

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|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| O H 61846 | 21.93 | 34.08 | 24.08 | 30.03 | 20.74 | 18.35 | 23.26 | 20.39 | 26.72 | 34.78 | 33.56 | 50.54 | 62.06 | 34.47 | 29.25 | 24.73 | 21.24 | 19.62 | 18.51 | 20.20 | 33.82 | 25.53 | 26.75 | 7.75 |
| | -4.21 | -2.56 | -1.71 | -2.05 | -1.40 | -2.52 | -2.05 | -1.22 | -1.80 | -2.53 | -2.08 | -2.78 | -3.05 | -1.91 | -3.59 | -3.41 | -1.02 | -0.84 | -0.76 | -0.98 | -1.96 | -1.46 | -1.57 | -0.46 |
| | 7.57 | 0.00 | 0.00 | 0.00 | 0.00 | 3.41 | -3.23 | 0.00 | 0.00 | 0.00 | -0.15 | 0.00 | 0.00 | 0.00 | 1.02 | 5.26 | -0.19 | -2.29 | -3.17 | -1.36 | 0.00 | -0.32 | 0.00 | 0.00 |
| PJM 61847 | 22.67 | 34.63 | 24.43 | 30.40 | 20.94 | 19.49 | 24.27 | 20.76 | 27.26 | 35.61 | 34.31 | 51.50 | 63.19 | 35.07 | 31.11 | 27.00 | 21.74 | 20.67 | 19.81 | 21.04 | 34.58 | 26.12 | 27.15 | 7.87 |
| | -3.47 | -2.00 | -1.36 | -1.69 | -1.20 | -1.38 | -1.04 | -0.85 | -1.27 | -1.69 | -1.38 | -1.81 | -1.92 | -1.31 | -1.73 | -1.14 | -0.58 | -0.53 | -0.48 | -0.59 | -1.20 | -0.97 | -1.17 | -0.35 |
| | 7.57 | 0.00 | 0.00 | 0.00 | 0.00 | 3.41 | -3.23 | 0.00 | 0.00 | 0.00 | -0.19 | 0.00 | 0.00 | 0.00 | 1.02 | 5.26 | -0.25 | -3.04 | -4.19 | -1.80 | 0.00 | -0.42 | 0.00 | 0.00 |
| WEST 61752 | 12.58 | 33.85 | 23.90 | 29.87 | 20.65 | 7.76 | 15.50 | 20.31 | 26.58 | 34.51 | 33.34 | 50.25 | 61.74 | 34.25 | 24.78 | 25.13 | 21.15 | 19.52 | 18.41 | 20.12 | 33.71 | 25.41 | 26.59 | 7.71 |
| | -0.85 | -2.79 | -1.88 | -2.21 | -1.48 | -0.50 | -0.90 | -1.31 | -1.95 | -2.79 | -2.30 | -3.07 | -3.37 | -2.13 | -1.39 | -1.35 | -1.11 | -0.90 | -0.82 | -1.05 | -2.07 | -1.57 | -1.73 | -0.50 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.14 | 0.00 | 0.00 | 0.00 | -0.14 | -1.04 | -0.18 | -2.26 | -3.12 | -1.34 | 0.00 | -0.31 | 0.00 | 0.00 |