

Day Ahead Market Zonal LBMP

LBMP \$

Marginal Cost of Losses

Marginal Cost of Congestion

Zonal Prices

Date: 04/30/2001

| 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| CAPITL 61757 | 31.66 | 29.98 | 29.40 | 29.41 | 29.41 | 30.50 | 43.80 | 49.07 | 52.54 | 50.64 | 50.78 | 53.77 | 55.00 | 55.19 | 54.76 | 49.32 | 48.60 | 48.52 | 48.24 | 47.50 | 49.18 | 47.65 | 46.62 | 35.66 |
| | 1.17 | 1.16 | 1.04 | 1.05 | 1.07 | 1.28 | 1.81 | 1.86 | 1.85 | 1.99 | 2.15 | 2.24 | 2.31 | 2.37 | 2.38 | 2.15 | 2.05 | 2.08 | 2.13 | 2.18 | 2.21 | 1.98 | 1.96 | 1.57 |
| | 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 61754 | 29.69 | 28.03 | 27.60 | 27.60 | 27.58 | 28.48 | 41.40 | 47.94 | 51.54 | 49.51 | 49.60 | 52.42 | 53.46 | 53.67 | 53.15 | 47.82 | 47.29 | 46.87 | 46.57 | 45.70 | 47.55 | 45.73 | 44.60 | 33.17 |
| | -0.80 | -0.79 | -0.76 | -0.76 | -0.76 | -0.74 | -0.59 | 0.73 | 0.85 | 0.86 | 0.97 | 0.89 | 0.77 | 0.85 | 0.77 | 0.65 | 0.74 | 0.43 | 0.46 | 0.38 | 0.58 | 0.06 | -0.06 | -0.92 |
| | 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 61760 | 32.72 | 30.89 | 30.34 | 30.34 | 30.35 | 31.44 | 45.14 | 51.60 | 55.81 | 54.24 | 54.76 | 57.76 | 59.07 | 59.37 | 58.98 | 53.16 | 52.42 | 51.87 | 51.41 | 50.30 | 52.37 | 50.60 | 49.30 | 36.82 |
| | 2.23 | 2.07 | 1.98 | 1.98 | 2.01 | 2.22 | 3.15 | 4.39 | 5.12 | 5.59 | 6.13 | 6.23 | 6.38 | 6.55 | 6.60 | 5.99 | 5.87 | 5.43 | 5.30 | 4.98 | 5.40 | 4.93 | 4.64 | 2.73 |
| | 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 61753 | 28.26 | 26.59 | 26.28 | 26.28 | 26.15 | 26.91 | 39.24 | 46.22 | 49.72 | 47.33 | 47.74 | 50.45 | 51.32 | 51.50 | 51.00 | 45.57 | 45.44 | 45.01 | 44.71 | 43.90 | 45.81 | 43.93 | 42.49 | 31.24 |
| | -2.23 | -2.23 | -2.08 | -2.08 | -2.19 | -2.31 | -2.75 | -0.99 | -0.97 | -1.32 | -0.89 | -1.08 | -1.37 | -1.32 | -1.38 | -1.60 | -1.11 | -1.43 | -1.40 | -1.42 | -1.16 | -1.74 | -2.17 | -2.85 |
| | 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 61844 | 28.64 | 28.68 | 28.25 | 28.25 | 28.20 | 29.04 | 41.57 | 45.89 | 49.17 | 39.09 | 38.93 | 41.88 | 43.00 | 43.02 | 42.60 | 37.57 | 36.97 | 36.91 | 36.59 | 35.82 | 37.37 | 44.44 | 43.63 | 33.92 |
| | -0.15 | -0.14 | -0.11 | -0.11 | -0.14 | -0.18 | -0.42 | -1.32 | -1.52 | -1.56 | -1.70 | -1.65 | -1.69 | -1.80 | -1.78 | -1.60 | -1.58 | -1.53 | -1.52 | -1.50 | -1.60 | -1.23 | -1.03 | -0.17 |
| | 1.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 0.00 | 0.00 | 0.00 |
| HUD VL 61758 | 32.60 | 30.78 | 30.23 | 30.20 | 30.21 | 31.29 | 44.93 | 51.55 | 55.79 | 54.31 | 54.86 | 57.81 | 59.10 | 59.43 | 59.09 | 53.23 | 52.50 | 51.92 | 51.48 | 50.24 | 52.43 | 50.49 | 49.24 | 36.64 |
| | 2.11 | 1.96 | 1.87 | 1.84 | 1.87 | 2.07 | 2.94 | 4.34 | 5.10 | 5.66 | 6.23 | 6.28 | 6.41 | 6.61 | 6.71 | 6.06 | 5.95 | 5.48 | 5.37 | 4.92 | 5.46 | 4.82 | 4.58 | 2.55 |
| | 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 61762 | 42.71 | 41.37 | 40.61 | 40.21 | 40.61 | 42.79 | 49.12 | 52.59 | 56.87 | 60.67 | 88.07 | 88.13 | 88.75 | 88.77 | 60.12 | 58.20 | 60.78 | 54.89 | 52.72 | 57.11 | 60.93 | 91.90 | 54.89 | 50.88 |
| | 2.93 | 2.73 | 2.60 | 2.61 | 2.63 | 2.86 | 4.09 | 5.38 | 6.18 | 6.67 | 7.13 | 7.25 | 7.48 | 7.68 | 7.74 | 6.99 | 6.87 | 6.34 | 6.25 | 5.92 | 6.28 | 5.86 | 5.42 | 3.36 |
| | -9.29 | -9.82 | -9.65 | -9.24 | -9.64 | -10.71 | -3.04 | 0.00 | 0.00 | -5.35 | -32.31 | -29.35 | -28.58 | -28.27 | 0.00 | -4.04 | -7.36 | -2.11 | -0.36 | -5.87 | -7.68 | -40.37 | -4.81 | -13.43 |
| MHK VL | 30.38 | 28.71 | 28.23 | 28.23 | 28.23 | 29.18 | 42.10 | 47.62 | 51.16 | 49.24 | 49.14 | 52.12 | 53.21 | 53.25 | 52.75 | 47.50 | 46.96 | 46.84 | 46.55 | 45.65 | 47.42 | 45.90 | 44.88 | 34.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| 61756 | -0.11 0.00 | -0.11 0.00 | -0.13 0.00 | -0.13 0.00 | -0.11 0.00 | -0.04 0.00 | 0.11 0.00 | 0.41 0.00 | 0.47 0.00 | 0.59 0.00 | 0.51 0.00 | 0.59 0.00 | 0.52 0.00 | 0.43 0.00 | 0.37 0.00 | 0.33 0.00 | 0.41 0.00 | 0.40 0.00 | 0.44 0.00 | 0.33 0.00 | 0.45 0.00 | 0.23 0.00 | 0.22 0.00 | -0.09 0.00 |
| MILLWD 61759 | 32.48 1.99 0.00 | 30.68 1.86 0.00 | 30.12 1.76 0.00 | 30.07 1.71 0.00 | 30.08 1.74 0.00 | 31.16 1.94 0.00 | 44.74 2.75 0.00 | 51.17 3.96 0.00 | 55.37 4.68 0.00 | 53.78 5.13 0.00 | 54.31 5.68 0.00 | 57.27 5.74 0.00 | 58.56 5.87 0.00 | 58.86 6.04 0.00 | 58.48 6.10 0.00 | 52.68 5.51 0.00 | 51.97 5.42 0.00 | 51.43 4.99 0.00 | 50.97 4.86 0.00 | 49.87 4.55 0.00 | 51.92 4.95 0.00 | 50.12 4.45 0.00 | 48.83 4.17 0.00 | 36.49 2.40 0.00 |
| N.Y.C. 61761 | 38.94 2.60 -5.85 | 37.73 2.40 -6.51 | 30.63 2.27 0.00 | 30.63 2.27 0.00 | 30.64 2.30 0.00 | 38.09 2.51 -6.36 | 47.98 3.57 -2.42 | 65.27 4.61 -13.45 | 68.10 5.43 -11.98 | 79.67 5.91 -25.11 | 80.25 6.50 -25.12 | 82.12 6.57 -24.02 | 83.23 6.74 -23.80 | 83.22 6.96 -23.44 | 82.94 6.98 -23.58 | 79.25 6.36 -25.72 | 78.75 6.23 -25.97 | 78.32 5.79 -26.09 | 68.19 5.58 -16.50 | 64.58 5.27 -13.99 | 65.87 5.69 -13.21 | 64.86 5.34 -13.85 | 64.00 5.11 -14.23 | 42.73 3.07 -5.57 |
| NORTH 61755 | 30.24 -0.25 0.00 | 28.57 -0.25 0.00 | 28.15 -0.21 0.00 | 28.15 -0.21 0.00 | 28.10 -0.24 0.00 | 28.96 -0.26 0.00 | 41.35 -0.64 0.00 | 45.40 -1.81 0.00 | 48.58 -2.11 0.00 | 46.57 -2.08 0.00 | 45.91 -2.72 0.00 | 49.27 -2.26 0.00 | 50.36 -2.33 0.00 | 49.84 -2.98 0.00 | 49.38 -3.00 0.00 | 44.54 -2.63 0.00 | 44.40 -2.15 0.00 | 44.37 -2.07 0.00 | 44.06 -2.05 0.00 | 43.26 -2.06 0.00 | 44.37 -2.60 0.00 | 43.73 -1.94 0.00 | 43.39 -1.27 0.00 | 33.85 -0.24 0.00 |
| NPX 61845 | 30.65 1.86 1.70 | 30.61 1.79 0.00 | 30.00 1.64 0.00 | 30.00 1.64 0.00 | 30.01 1.67 0.00 | 36.65 1.93 -5.50 | 50.42 2.73 -5.70 | 50.00 2.79 0.00 | 53.83 3.14 0.00 | 52.01 3.36 0.00 | 52.23 3.60 0.00 | 55.19 3.66 0.00 | 56.43 3.74 0.00 | 56.68 3.86 0.00 | 56.26 3.88 0.00 | 50.71 3.54 0.00 | 50.00 3.45 0.00 | 49.83 3.39 0.00 | 49.48 3.37 0.00 | 48.67 3.35 0.00 | 50.30 3.33 0.00 | 48.82 3.15 0.00 | 47.70 3.04 0.00 | 36.37 2.28 0.00 |
| O H 61846 | 26.08 -2.71 1.70 | 26.08 -2.74 0.00 | 25.95 -2.41 0.00 | 25.98 -2.38 0.00 | 25.90 -2.44 0.00 | 26.18 -3.04 0.00 | 38.00 -3.99 0.00 | 45.32 -1.89 0.00 | 48.92 -1.77 0.00 | 46.12 -2.53 0.00 | 46.78 -1.85 0.00 | 49.31 -2.22 0.00 | 50.00 -2.69 0.00 | 50.23 -2.59 0.00 | 49.87 -2.51 0.00 | 44.76 -2.41 0.00 | 44.46 -2.09 0.00 | 44.03 -2.41 0.00 | 43.80 -2.31 0.00 | 42.92 -2.40 0.00 | 44.76 -2.21 0.00 | 42.84 -2.83 0.00 | 41.89 -2.77 0.00 | 30.03 -4.06 0.00 |
| PJM 61847 | 20.00 -3.20 7.29 | 18.26 -3.08 7.48 | 25.00 -2.95 0.41 | 25.01 -2.92 0.43 | 25.00 -2.95 0.39 | 26.24 -2.98 0.00 | 39.30 -2.69 0.00 | 48.11 0.90 0.00 | 51.81 1.12 0.00 | 50.30 1.65 0.00 | 51.50 2.87 0.00 | 54.00 2.47 0.00 | 54.85 2.16 0.00 | 55.36 2.54 0.00 | 55.00 2.62 0.00 | 49.29 2.12 0.00 | 48.83 2.28 0.00 | 48.20 1.76 0.00 | 48.00 1.89 0.00 | 46.86 1.54 0.00 | 48.94 1.97 0.00 | 46.35 0.68 0.00 | 44.70 0.04 0.00 | 30.95 -3.14 0.00 |
| WEST 61752 | 27.74 -2.75 0.00 | 26.06 -2.76 0.00 | 25.91 -2.45 0.00 | 25.92 -2.44 0.00 | 25.86 -2.48 0.00 | 26.22 -3.00 0.00 | 38.33 -3.66 0.00 | 46.10 -1.11 0.00 | 49.71 -0.98 0.00 | 47.17 -1.48 0.00 | 48.00 -0.63 0.00 | 50.51 -1.02 0.00 | 51.23 -1.46 0.00 | 51.49 -1.33 0.00 | 51.12 -1.26 0.00 | 45.86 -1.31 0.00 | 45.54 -1.01 0.00 | 45.07 -1.37 0.00 | 44.81 -1.30 0.00 | 43.87 -1.45 0.00 | 45.83 -1.14 0.00 | 43.72 -1.95 0.00 | 42.66 -2.00 0.00 | 30.21 -3.88 0.00 |