

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$                      --- Marginal Cost of Losses                      --- Marginal Cost of Congestion

Zonal Prices Date: 01/10/2001

| Name<br>Ptid    | 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 |
|-----------------|-------|-------|-------|-------|-------|-------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| CAPITL<br>61757 | 38.51 | 31.28 | 40.78 | 45.47 | 44.30 | 49.35 | 211.62 | 199.21 | 182.94  | 122.11 | 118.54 | 74.90  | 92.12  | 63.69  | 60.69  | 59.33  | 97.36  | 143.58 | 159.70 | 104.80 | 58.46  | 55.81  | 52.81  | 44.63 |
|                 | 1.91  | 1.53  | 2.24  | 2.39  | 2.17  | 2.15  | 13.14  | 10.17  | 1.27    | 1.32   | 1.42   | 2.07   | 2.11   | 2.30   | 1.92   | 1.64   | 0.94   | 4.82   | 3.66   | 4.61   | 2.62   | 2.65   | 1.01   | 1.66  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -37.76 | -161.77 | -97.02 | -91.71 | -34.21 | -53.95 | -20.52 | -26.54 | -27.98 | -75.79 | -48.23 | -82.71 | -4.70  | -6.30  | -5.59  | -30.83 | -0.81 |
| CENTRL<br>61754 | 35.58 | 28.87 | 37.33 | 41.71 | 40.80 | 45.84 | 192.95 | 150.74 | 34.90   | 32.48  | 33.56  | 40.87  | 40.20  | 41.64  | 33.82  | 31.50  | 27.33  | 92.99  | 79.62  | 93.66  | 48.89  | 46.78  | 23.33  | 41.08 |
|                 | -1.01 | -0.89 | -1.21 | -1.36 | -1.33 | -1.36 | -5.52  | -4.17  | -0.54   | -0.62  | -0.66  | -1.04  | -1.05  | -1.19  | -0.95  | -0.89  | -0.57  | -2.16  | -1.66  | -2.27  | -1.26  | -1.32  | -0.60  | -1.15 |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -3.63  | -15.54  | -9.32  | -8.81  | -3.29  | -5.18  | -1.97  | -2.55  | -2.69  | -7.27  | -4.61  | -7.95  | -0.45  | -0.61  | -0.54  | -2.96  | -0.08 |
| DUNWOD<br>61760 | 38.81 | 31.62 | 40.93 | 45.75 | 44.86 | 50.46 | 212.01 | 191.25 | 146.50  | 100.72 | 98.45  | 68.43  | 80.90  | 60.39  | 55.45  | 72.59  | 89.73  | 136.83 | 144.49 | 107.95 | 58.94  | 56.01  | 46.55  | 45.87 |
|                 | 2.21  | 1.87  | 2.39  | 2.68  | 2.73  | 3.27  | 13.54  | 10.77  | 1.50    | 1.91   | 2.11   | 3.35   | 3.11   | 3.66   | 2.71   | 2.62   | 1.99   | 8.91   | 7.18   | 8.83   | 4.53   | 4.12   | 1.74   | 3.09  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -29.20 | -125.11 | -75.03 | -70.93 | -26.46 | -41.73 | -15.87 | -20.53 | -40.27 | -67.12 | -37.39 | -63.96 | -3.64  | -4.88  | -4.32  | -23.84 | -0.63 |
| GENESE<br>61753 | 35.70 | 28.96 | 37.53 | 41.88 | 40.94 | 45.95 | 194.25 | 151.54 | 35.09   | 32.68  | 33.78  | 41.16  | 40.56  | 41.97  | 34.23  | 31.74  | 27.30  | 92.95  | 79.41  | 93.39  | 48.83  | 46.75  | 23.34  | 41.08 |
|                 | -0.90 | -0.79 | -1.02 | -1.19 | -1.19 | -1.25 | -4.22  | -3.39  | -0.42   | -0.47  | -0.48  | -0.76  | -0.71  | -0.88  | -0.55  | -0.67  | -0.66  | -2.27  | -1.92  | -2.55  | -1.32  | -1.35  | -0.60  | -1.15 |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -3.65  | -15.62  | -9.37  | -8.86  | -3.30  | -5.21  | -1.98  | -2.56  | -2.70  | -7.34  | -4.68  | -7.99  | -0.45  | -0.61  | -0.54  | -2.98  | -0.08 |
| H Q<br>61844    | 36.13 | 29.42 | 38.06 | 42.56 | 41.69 | 41.62 | 197.75 | 149.79 | 18.75   | 22.99  | 24.63  | 38.08  | 35.49  | 40.45  | 31.86  | 29.35  | 19.99  | 89.21  | 71.96  | 94.46  | 48.98  | 47.13  | 20.66  | 41.83 |
|                 | -0.39 | -0.34 | -0.48 | -0.51 | -0.44 | -0.46 | -1.65  | -1.26  | -0.19   | -0.22  | -0.24  | -0.33  | -0.25  | -0.29  | -0.21  | -0.19  | -0.25  | -1.11  | -0.89  | -0.99  | -0.52  | -0.40  | -0.13  | -0.32 |
|                 | 0.07  | 0.00  | 0.00  | 0.00  | 0.00  | 5.12  | -0.92  | 0.22   | 0.95    | 0.57   | 0.54   | 0.20   | 0.32   | 0.12   | 0.16   | 0.16   | 0.38   | 0.21   | 0.49   | 0.03   | 0.04   | 0.03   | 0.18   | 0.00  |
| HUD VL<br>61758 | 37.97 | 30.96 | 40.10 | 44.80 | 43.90 | 49.30 | 207.10 | 187.42 | 145.97  | 100.02 | 97.65  | 67.13  | 79.67  | 58.97  | 54.37  | 52.94  | 80.50  | 133.36 | 141.82 | 104.78 | 57.35  | 54.54  | 45.93  | 44.75 |
|                 | 1.37  | 1.21  | 1.56  | 1.73  | 1.77  | 2.10  | 8.62   | 6.94   | 0.97    | 1.21   | 1.32   | 2.06   | 1.89   | 2.23   | 1.62   | 1.59   | 1.26   | 5.53   | 4.52   | 5.66   | 2.94   | 2.64   | 1.12   | 1.97  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -29.20 | -125.10 | -75.03 | -70.92 | -26.46 | -41.72 | -15.87 | -20.52 | -21.64 | -58.61 | -37.29 | -63.96 | -3.64  | -4.88  | -4.32  | -23.84 | -0.63 |
| LONGIL<br>61762 | 38.57 | 31.63 | 40.95 | 45.77 | 44.88 | 50.48 | 210.77 | 189.54 | 146.25  | 100.33 | 98.10  | 86.22  | 98.14  | 88.50  | 63.58  | 78.02  | 108.13 | 135.35 | 143.31 | 119.80 | 99.85  | 99.19  | 55.77  | 45.51 |
|                 | 1.98  | 1.88  | 2.41  | 2.69  | 2.75  | 3.28  | 12.30  | 9.02   | 1.09    | 1.43   | 1.67   | 2.91   | 2.79   | 3.33   | 2.48   | 2.43   | 1.77   | 7.39   | 5.93   | 7.21   | 3.66   | 3.34   | 1.50   | 2.73  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -29.24 | -125.26 | -75.13 | -71.02 | -44.69 | -59.29 | -44.30 | -28.87 | -45.88 | -85.73 | -37.42 | -64.04 | -17.10 | -46.65 | -48.28 | -33.29 |       |

|                 |       |       |       |       |       |       |        |        |         |        |        |        |        |        |        |        |        |        |        |        |       |       |        |       |       |
|-----------------|-------|-------|-------|-------|-------|-------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|-------|-------|
|                 |       |       |       |       |       |       |        |        |         |        |        |        |        |        |        |        |        |        |        |        |       |       |        |       | -0.63 |
| MHK VL<br>61756 | 37.03 | 30.06 | 39.04 | 43.58 | 42.57 | 47.62 | 200.92 | 154.24 | 24.10   | 26.44  | 27.98  | 39.97  | 37.85  | 41.92  | 33.33  | 30.80  | 22.77  | 93.24  | 76.50  | 97.02  | 50.45 | 48.33 | 21.98  | 42.48 |       |
|                 | 0.44  | 0.31  | 0.50  | 0.51  | 0.44  | 0.43  | 2.45   | 2.05   | 0.29    | 0.32   | 0.34   | 0.53   | 0.48   | 0.56   | 0.46   | 0.41   | 0.29   | 1.50   | 1.16   | 1.42   | 0.76  | 0.62  | 0.27   | 0.30  |       |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -0.91  | -3.92   | -2.35  | -2.22  | -0.83  | -1.31  | -0.50  | -0.64  | -0.68  | -1.86  | -1.20  | -2.00  | -0.11  | -0.15 | -0.14 | -0.75  | -0.02 |       |
| MILLWD<br>61759 | 38.34 | 31.24 | 40.44 | 45.20 | 44.31 | 49.84 | 209.28 | 188.86 | 144.96  | 99.62  | 97.34  | 67.55  | 79.89  | 59.57  | 54.73  | 71.89  | 88.74  | 134.87 | 142.65 | 106.47 | 58.16 | 55.27 | 46.00  | 45.28 |       |
|                 | 1.74  | 1.49  | 1.89  | 2.13  | 2.18  | 2.64  | 10.80  | 8.68   | 1.22    | 1.57   | 1.72   | 2.74   | 2.53   | 3.00   | 2.19   | 2.14   | 1.66   | 7.40   | 5.99   | 7.39   | 3.80  | 3.42  | 1.43   | 2.51  |       |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -28.90 | -123.84 | -74.27 | -70.21 | -26.19 | -41.30 | -15.71 | -20.32 | -40.05 | -66.46 | -36.93 | -63.32 | -3.60  | -4.83 | -4.28 | -23.60 | -0.62 |       |
| N.Y.C.<br>61761 | 39.61 | 32.29 | 41.76 | 46.67 | 45.79 | 51.56 | 216.53 | 194.72 | 147.12  | 101.42 | 99.19  | 69.51  | 81.94  | 61.53  | 56.35  | 73.51  | 90.43  | 139.36 | 146.53 | 110.25 | 60.13 | 57.25 | 47.16  | 46.90 |       |
|                 | 3.01  | 2.54  | 3.22  | 3.60  | 3.66  | 4.37  | 18.05  | 14.20  | 1.93    | 2.50   | 2.75   | 4.40   | 4.09   | 4.77   | 3.57   | 3.50   | 2.61   | 11.39  | 9.13   | 11.13  | 5.71  | 5.35  | 2.31   | 4.11  |       |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -29.24 | -125.29 | -75.14 | -71.03 | -26.50 | -41.78 | -15.89 | -20.56 | -40.30 | -67.19 | -37.43 | -64.06 | -3.64  | -4.88 | -4.33 | -23.88 | -0.63 |       |
| NORTH<br>61755  | 36.27 | 29.45 | 38.15 | 42.65 | 41.75 | 46.78 | 197.00 | 149.92 | 18.30   | 22.73  | 24.40  | 38.05  | 35.38  | 40.46  | 31.85  | 29.32  | 19.68  | 89.18  | 71.89  | 94.62  | 49.05 | 47.17 | 20.58  | 41.77 |       |
|                 | -0.33 | -0.30 | -0.39 | -0.42 | -0.38 | -0.41 | -1.47  | -1.02  | -0.15   | -0.18  | -0.20  | -0.27  | -0.20  | -0.22  | -0.13  | -0.14  | -0.21  | -0.86  | -0.71  | -0.82  | -0.43 | -0.35 | -0.11  | -0.37 |       |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.34   | 1.45    | 0.87   | 0.82   | 0.30   | 0.48   | 0.18   | 0.24   | 0.25   | 0.73   | 0.49   | 0.74   | 0.04   | 0.06  | 0.05  | 0.28   | 0.01  |       |
| NPX<br>61845    | 37.66 | 30.69 | 39.96 | 44.59 | 43.52 | 44.97 | 207.92 | 192.09 | 169.13  | 113.65 | 110.50 | 71.38  | 86.91  | 61.22  | 57.82  | 56.49  | 90.86  | 137.97 | 151.66 | 102.81 | 57.03 | 54.43 | 49.91  | 43.94 |       |
|                 | 1.06  | 0.94  | 1.42  | 1.52  | 1.39  | 1.30  | 7.84   | 6.16   | 0.78    | 0.84   | 0.92   | 1.37   | 1.34   | 1.52   | 1.24   | 1.11   | 0.68   | 3.17   | 2.42   | 3.01   | 1.71  | 1.73  | 0.65   | 1.04  |       |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 3.53  | -1.61  | -34.65 | -148.46 | -89.04 | -84.16 | -31.39 | -49.51 | -18.83 | -24.36 | -25.68 | -69.56 | -44.26 | -75.90 | -4.32  | -5.78 | -5.13 | -28.29 | -0.75 |       |
| O H<br>61846    | 33.25 | 28.39 | 36.49 | 40.93 | 40.30 | 39.89 | 186.56 | 145.88 | 38.79   | 34.50  | 35.35  | 40.55  | 40.50  | 40.69  | 33.43  | 31.28  | 28.78  | 89.88  | 78.42  | 89.62  | 46.93 | 44.90 | 23.66  | 40.70 |       |
|                 | -1.80 | -1.36 | -2.05 | -2.14 | -1.83 | -1.79 | -12.34 | -10.10 | -1.22   | -1.33  | -1.46  | -2.32  | -2.27  | -2.73  | -2.09  | -1.90  | -1.27  | -6.65  | -5.20  | -6.45  | -3.40 | -3.36 | -1.14  | -1.56 |       |
|                 | 1.54  | 0.00  | 0.00  | 0.00  | 0.00  | 5.51  | -0.42  | -4.69  | -20.11  | -12.06 | -11.40 | -4.25  | -6.71  | -2.55  | -3.30  | -3.48  | -9.42  | -6.00  | -10.28 | -0.58  | -0.78 | -0.70 | -3.83  | -0.10 |       |
| PJM<br>61847    | 32.76 | 27.38 | 25.20 | 28.95 | 39.73 | 40.01 | 187.44 | 148.36 | 45.24   | 38.36  | 38.97  | 41.99  | 42.71  | 41.76  | 34.53  | 32.43  | 31.94  | 93.21  | 82.77  | 91.15  | 47.86 | 45.65 | 24.91  | 40.19 |       |
|                 | -2.01 | -1.65 | -2.29 | -2.48 | -2.27 | -2.33 | -12.02 | -9.10  | -1.12   | -1.28  | -1.44  | -2.23  | -2.17  | -2.47  | -2.04  | -1.85  | -1.09  | -5.21  | -4.10  | -5.11  | -2.71 | -2.84 | -1.10  | -2.10 |       |
|                 | 1.83  | 0.73  | 11.05 | 11.64 | 0.12  | 4.85  | -0.98  | -6.17  | -26.46  | -15.87 | -15.00 | -5.59  | -8.82  | -3.36  | -4.34  | -4.58  | -12.40 | -7.89  | -13.53 | -0.77  | -1.03 | -0.91 | -5.04  | -0.13 |       |
| WEST<br>61752   | 34.67 | 28.26 | 36.28 | 40.71 | 40.10 | 45.25 | 185.33 | 145.26 | 38.39   | 34.26  | 35.14  | 40.49  | 40.36  | 40.60  | 33.32  | 31.17  | 28.56  | 89.78  | 78.29  | 89.71  | 46.93 | 44.97 | 23.63  | 40.78 |       |
|                 | -1.92 | -1.49 | -2.26 | -2.37 | -2.03 | -1.95 | -13.14 | -10.63 | -1.26   | -1.36  | -1.47  | -2.30  | -2.29  | -2.78  | -2.14  | -1.95  | -1.29  | -6.61  | -5.14  | -6.35  | -3.37 | -3.28 | -1.11  | -1.48 |       |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -4.61  | -19.75  | -11.84 | -11.20 | -4.18  | -6.59  | -2.50  | -3.24  | -3.42  | -9.22  | -5.85  | -10.10 | -0.57  | -0.77 | -0.68 | -3.76  | -0.10 |       |