

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Zonal Data

08/11/2003

| 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 | 50.09  | 52.50  | 43.87  | 30.72  | 43.54 | 47.09 | 47.23 | 47.81  | 50.07  | 56.08  | 67.95  | 92.04  | 90.89  | 83.31  | 29.33   | 23.98   | 29.71   | 38.61  | 51.46  | 38.91  | 34.69  | 42.39  | 28.04  | 27.66  |
| 61757  | 3.62   | 3.60   | 2.89   | 1.92   | 2.78  | 3.32  | 3.39  | 2.50   | 2.33   | 2.76   | 3.21   | 4.21   | 3.92   | 3.81   | 1.07    | 0.73    | 0.94    | 1.23   | 1.60   | 1.18   | 1.05   | 1.48   | 0.98   | 1.34   |
|        | 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   | -0.33  | -6.32   | -5.32   | -4.32   | -2.75  | -0.93  | -1.09  | -1.38  | -0.64  | -0.08  | 0.00   |
|        | N      | N      | N      | N      | N     | N     | N     | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N      | N      | N      | N      | N      | N      | N      |
| CENTRL | 44.96  | 47.27  | 39.59  | 27.87  | 39.42 | 42.34 | 42.49 | 44.07  | 46.65  | 52.25  | 63.44  | 86.14  | 85.42  | 77.76  | 22.03   | 18.13   | 24.54   | 34.28  | 48.24  | 36.09  | 31.90  | 39.70  | 26.68  | 25.98  |
| 61754  | -1.51  | -1.63  | -1.39  | -0.93  | -1.33 | -1.43 | -1.35 | -1.24  | -1.09  | -1.07  | -1.30  | -1.69  | -1.55  | -1.43  | -0.28   | -0.12   | -0.17   | -0.51  | -0.74  | -0.61  | -0.44  | -0.60  | -0.30  | -0.34  |
|        | 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   | -0.38   | -0.32   | -0.26   | -0.17  | -0.06  | -0.07  | -0.08  | -0.04  | -0.01  | 0.00   |
|        | N      | N      | N      | N      | N     | N     | N     | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N      | N      | N      | N      | N      | N      | N      |
| DUNWOD | 50.07  | 52.48  | 44.20  | 31.01  | 43.73 | 46.95 | 47.16 | 49.63  | 52.58  | 58.57  | 71.34  | 97.08  | 96.15  | 95.24  | 174.50  | 146.12  | 129.49  | 102.92 | 75.24  | 65.78  | 67.89  | 62.32  | 81.90  | 93.98  |
| 61760  | 3.61   | 3.58   | 3.22   | 2.21   | 2.98  | 3.18  | 3.32  | 4.32   | 4.84   | 5.25   | 6.61   | 9.25   | 9.17   | 8.30   | 2.24    | 1.69    | 2.21    | 2.94   | 4.21   | 3.21   | 2.76   | 3.70   | 2.16   | 1.79   |
|        | 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   | -7.77  | -150.33 | -126.51 | -102.84 | -65.35 | -22.11 | -25.93 | -32.87 | -18.35 | -52.77 | -65.87 |
|        | N      | N      | N      | N      | N     | N     | N     | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N      | N      | N      | N      | N      | N      | N      |
| GENESE | 45.82  | 48.08  | 40.02  | 28.12  | 39.88 | 42.95 | 43.16 | 44.26  | 46.60  | 52.41  | 63.58  | 86.00  | 85.12  | 77.62  | 21.65   | 17.72   | 24.21   | 34.39  | 48.60  | 36.12  | 31.82  | 40.04  | 26.89  | 26.31  |
| 61753  | -0.64  | -0.81  | -0.96  | -0.69  | -0.88 | -0.82 | -0.68 | -1.05  | -1.14  | -0.91  | -1.16  | -1.83  | -1.86  | -1.55  | -0.28   | -0.20   | -0.24   | -0.24  | -0.33  | -0.52  | -0.44  | -0.23  | -0.08  | -0.01  |
|        | 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      | N      | N      | N      | N     | N     | N     | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N      | N      | N      | N      | N      | N      | N      |
| H Q    | 46.01  | 48.47  | 40.51  | 28.44  | 40.32 | 43.28 | 43.38 | 44.69  | 46.84  | 52.32  | 63.38  | 55.50  | 58.49  | 59.00  | 21.50   | 17.57   | 23.95   | 33.93  | 47.95  | 35.91  | 31.62  | 39.46  | 35.00  | 25.80  |
| 61844  | -0.45  | -0.43  | -0.47  | -0.36  | -0.43 | -0.49 | -0.46 | -0.62  | -0.90  | -1.01  | -1.36  | -2.14  | -2.12  | -1.79  | -0.44   | -0.36   | -0.49   | -0.69  | -0.98  | -0.73  | -0.65  | -0.81  | -0.79  | -0.53  |
|        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 9.35   | 14.99  | 0.78   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 13.60  | 0.00   |
|        | N      | N      | N      | N      | N     | N     | N     | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N      | N      | N      | N      | N      | N      | N      |
| HUD VL | 48.70  | 51.15  | 43.02  | 30.23  | 42.64 | 45.76 | 45.91 | 48.10  | 50.96  | 56.73  | 69.22  | 94.34  | 93.50  | 91.10  | 143.79  | 120.12  | 107.83  | 88.62  | 69.52  | 59.65  | 60.56  | 54.93  | 28.05  | 24.39  |
| 61758  | 2.24   | 2.26   | 2.04   | 1.43   | 1.89  | 1.99  | 2.07  | 2.79   | 3.21   | 3.41   | 4.48   | 6.52   | 6.53   | 5.72   | 1.50    | 1.19    | 1.63    | 2.04   | 3.02   | 2.39   | 2.16   | 2.55   | 1.50   | 1.20   |
|        | 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   | -6.22  | -120.36 | -101.00 | -81.76  | -51.96 | -17.57 | -20.62 | -26.13 | -12.12 | 0.42   | 3.14   |
|        | N      | N      | N      | N      | N     | N     | N     | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N      | N      | N      | N      | N      | N      | N      |
| LONGIL | 50.92  | 53.46  | 50.35  | 58.97  | 52.29 | 52.08 | 52.71 | 53.78  | 55.25  | 59.39  | 72.51  | 97.12  | 95.52  | 94.65  | 174.40  | 145.99  | 129.42  | 102.68 | 74.90  | 66.05  | 68.00  | 62.70  | 77.19  | 89.44  |
| 61762  | 4.43   | 4.56   | 4.09   | 2.87   | 3.81  | 4.01  | 3.91  | 5.05   | 5.59   | 5.68   | 6.89   | 9.30   | 8.54   | 7.72   | 2.14    | 1.56    | 2.14    | 2.70   | 3.75   | 2.96   | 2.81   | 3.59   | 2.12   | 1.95   |
|        | -0.02  | 0.00   | -5.28  | -27.30 | -7.71 | -4.29 | -4.96 | -3.42  | -1.92  | -0.39  | -0.88  | 0.00   | 0.00   | -7.77  | -150.33 | -126.51 | -102.84 | -65.35 | -22.23 | -26.45 | -32.93 | -18.85 | -48.10 | -61.16 |
|        | N      | N      | N      | N      | N     | N     | N     | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N      | N      | N      | N      | N      | N      | N      |
| MHK VL | 47.26  | 49.67  | 41.65  | 29.26  | 41.39 | 44.53 | 44.60 | 45.79  | 48.14  | 53.87  | 65.33  | 88.59  | 87.81  | 80.03  | 22.90   | 18.73   | 25.19   | 35.27  | 49.49  | 37.09  | 32.75  | 40.83  | 27.29  | 26.63  |
| 61756  | 0.80   | 0.78   | 0.66   | 0.46   | 0.64  | 0.76  | 0.76  | 0.48   | 0.39   | 0.55   | 0.59   | 0.76   | 0.84   | 0.82   | 0.22    | 0.18    | 0.24    | 0.32   | 0.46   | 0.32   | 0.32   | 0.49   | 0.31   | 0.31   |
|        | 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   | -0.04  | -0.74   | -0.62   | -0.51   | -0.32  | -0.11  | -0.13  | -0.16  | -0.08  | -0.01  | 0.00   |
|        | N      | N      | N      | N      | N     | N     | N     | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N      | N      | N      | N      | N      | N      | N      |
| MILLWD | 49.20  | 51.58  | 43.44  | 30.50  | 43.01 | 46.16 | 46.36 | 48.75  | 51.64  | 57.53  | 70.09  | 95.42  | 94.54  | 93.59  | 170.69  | 142.95  | 126.83  | 101.05 | 74.04  | 64.70  | 66.79  | 61.14  | 34.45  | 19.82  |
| 61759  | 2.74   | 2.68   | 2.46   | 1.69   | 2.26  | 2.39  | 2.52  | 3.43   | 3.90   | 4.20   | 5.35   | 7.59   | 7.56   | 6.82   | 1.82    | 1.37    | 1.87    | 2.55   | 3.51   | 2.71   | 2.39   | 2.86   | 1.72   | 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   | -7.59  | -146.94 | -123.65 | -100.52 | -63.88 | -21.60 | -25.35 | -32.13 | -18.01 | -5.76  | 7.81   |
|        | N      | N      | N      | N      | N     | N     | N     | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N      | N      | N      | N      | N      | N      | N      |
| N.Y.C. | 69.38  | 65.49  | 68.12  | 50.55  | 49.92 | 53.64 | 53.95 | 64.42  | 71.35  | 72.33  | 93.14  | 112.56 | 114.15 | 110.66 | 176.11  | 146.72  | 130.41  | 107.52 | 78.64  | 101.17 | 109.72 | 119.75 | 121.93 | 122.55 |
| 61761  | 4.83   | 4.84   | 4.39   | 2.99   | 4.07  | 4.38  | 4.58  | 5.72   | 6.26   | 6.79   | 8.33   | 11.44  | 11.29  | 10.27  | 2.73    | 2.06    | 2.71    | 3.68   | 5.06   | 4.02   | 3.45   | 4.38   | 2.66   | 2.09   |
|        | -18.08 | -11.75 | -22.75 | -18.76 | -5.10 | -5.49 | -5.52 | -13.39 | -17.35 | -12.22 | -20.07 | -13.30 | -15.89 | -21.22 | -151.44 | -126.73 | -103.25 | -69.22 | -24.66 | -60.50 | -74.01 | -75.11 | -92.30 | -94.13 |
|        | N      | N      | N      | N      | N     | N     | N     | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N      | N      | N      | N      | N      | N      | N      |

|                |                             |                             |                              |                              |                              |                              |                             |                             |                             |                             |                              |                              |                              |                               |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |
|----------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| NORTH<br>61755 | 46.30<br>-0.17<br>0.00<br>N | 48.73<br>-0.16<br>0.00<br>N | 40.72<br>-0.26<br>0.00<br>N  | 28.58<br>-0.22<br>0.00<br>N  | 40.53<br>-0.23<br>0.00<br>N  | 43.53<br>-0.24<br>0.00<br>N  | 43.61<br>-0.23<br>0.00<br>N | 44.73<br>-0.59<br>0.00<br>N | 46.67<br>-1.08<br>0.00<br>N | 52.18<br>-1.15<br>0.00<br>N | 63.18<br>-1.55<br>0.00<br>N  | 85.51<br>-2.31<br>0.00<br>N  | 84.63<br>-2.35<br>0.00<br>N  | 77.11<br>-2.06<br>0.00<br>N   | 21.42<br>-0.51<br>0.00<br>N  | 17.50<br>-0.42<br>0.00<br>N  | 23.87<br>-0.58<br>0.00<br>N  | 33.85<br>-0.78<br>0.00<br>N  | 47.84<br>-1.09<br>0.00<br>N  | 35.77<br>-0.87<br>0.00<br>N  | 31.49<br>-0.77<br>0.00<br>N  | 39.48<br>-0.78<br>0.00<br>N  | 26.40<br>-0.57<br>0.00<br>N  | 25.92<br>-0.40<br>0.00<br>N  |
| NPX<br>61845   | 48.52<br>2.06<br>0.00<br>N  | 50.90<br>2.01<br>0.00<br>N  | 42.64<br>1.66<br>0.00<br>N   | 29.89<br>1.09<br>0.00<br>N   | 42.29<br>1.53<br>0.00<br>N   | 45.61<br>1.83<br>0.00<br>N   | 45.71<br>1.87<br>0.00<br>N  | 15.00<br>2.45<br>31.13<br>N | 49.50<br>1.76<br>0.00<br>N  | 55.69<br>2.37<br>0.00<br>N  | 59.01<br>3.07<br>0.87<br>N   | 91.92<br>4.09<br>0.00<br>N   | 35.10<br>4.31<br>44.81<br>N  | 46.00<br>3.82<br>19.39<br>N   | 55.00<br>3.51<br>8.07<br>N   | 66.99<br>0.68<br>-48.39<br>N | 64.61<br>0.83<br>-39.33<br>N | 60.64<br>1.01<br>-25.00<br>N | 58.70<br>1.32<br>-8.46<br>N  | 47.57<br>1.01<br>-9.92<br>N  | 45.70<br>0.87<br>-12.57<br>N | 47.48<br>1.39<br>-5.83<br>N  | 38.41<br>2.62<br>13.60<br>N  | 26.60<br>1.10<br>0.83<br>N   |
| O H<br>61846   | 38.25<br>-8.22<br>0.00<br>N | 40.42<br>-8.48<br>0.00<br>N | 29.00<br>-5.06<br>8.44<br>N  | 30.00<br>-5.60<br>5.26<br>N  | 33.87<br>-6.88<br>0.00<br>N  | 36.08<br>-7.69<br>0.00<br>N  | 35.91<br>-7.93<br>0.00<br>N | 37.66<br>-7.65<br>0.00<br>N | 39.56<br>-8.18<br>0.00<br>N | 44.20<br>-9.12<br>0.00<br>N | 53.90<br>-10.84<br>0.00<br>N | 73.22<br>-14.61<br>0.00<br>N | 72.68<br>-14.29<br>0.00<br>N | 66.22<br>-13.06<br>-0.11<br>N | 20.54<br>-3.55<br>-2.16<br>N | 16.98<br>-2.76<br>-1.82<br>N | 22.33<br>-3.59<br>-1.48<br>N | 30.49<br>-5.07<br>-0.94<br>N | 42.43<br>-6.82<br>-0.32<br>N | 31.66<br>-5.35<br>-0.37<br>N | 28.16<br>-4.57<br>-0.47<br>N | 34.56<br>-5.92<br>-0.22<br>N | 31.25<br>-4.54<br>13.60<br>N | 22.36<br>-3.99<br>-0.02<br>N |
| PJM<br>61847   | 43.73<br>-2.74<br>0.00<br>N | 46.17<br>-2.73<br>0.00<br>N | 14.99<br>-2.47<br>25.04<br>N | 15.00<br>-2.98<br>22.88<br>N | 15.00<br>-2.39<br>23.76<br>N | 15.00<br>-2.66<br>22.02<br>N | 41.29<br>-2.55<br>0.00<br>N | 43.38<br>-1.94<br>0.00<br>N | 45.90<br>-1.85<br>0.00<br>N | 51.26<br>-2.06<br>0.00<br>N | 62.52<br>-2.22<br>0.00<br>N  | 85.07<br>-2.76<br>0.00<br>N  | 84.32<br>-2.65<br>0.00<br>N  | 76.77<br>-2.55<br>-0.15<br>N  | 24.29<br>-0.62<br>-2.98<br>N | 19.98<br>-0.46<br>-2.51<br>N | 25.93<br>-0.56<br>-2.04<br>N | 35.15<br>-0.78<br>-1.30<br>N | 48.59<br>-0.78<br>-0.44<br>N | 36.38<br>-0.77<br>-0.51<br>N | 32.44<br>-0.47<br>-0.65<br>N | 39.71<br>-0.85<br>-0.30<br>N | 32.78<br>-3.01<br>13.60<br>N | 25.27<br>-1.08<br>-0.02<br>N |
| WEST<br>61752  | 42.83<br>-3.63<br>0.00<br>N | 45.30<br>-3.59<br>0.00<br>N | 37.97<br>-3.01<br>0.00<br>N  | 26.86<br>-1.95<br>0.00<br>N  | 37.99<br>-2.76<br>0.00<br>N  | 40.44<br>-3.33<br>0.00<br>N  | 40.24<br>-3.60<br>0.00<br>N | 42.22<br>-3.10<br>0.00<br>N | 44.45<br>-3.29<br>0.00<br>N | 49.72<br>-3.60<br>0.00<br>N | 60.65<br>-4.09<br>0.00<br>N  | 82.47<br>-5.36<br>0.00<br>N  | 81.96<br>-5.02<br>0.00<br>N  | 74.52<br>-4.65<br>0.00<br>N   | 20.72<br>-1.22<br>0.00<br>N  | 17.11<br>-0.81<br>0.00<br>N  | 23.45<br>-0.99<br>0.00<br>N  | 33.35<br>-1.28<br>0.00<br>N  | 47.63<br>-1.30<br>0.00<br>N  | 35.30<br>-1.34<br>0.00<br>N  | 31.25<br>-1.01<br>0.00<br>N  | 38.77<br>-1.50<br>0.00<br>N  | 25.98<br>-0.99<br>0.00<br>N  | 25.19<br>-1.14<br>0.00<br>N  |