

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

06/10/2008

| Name<br>PTID<br>CAPITL | 00:00<br>EDT                   | 01:00<br>EDT                   | 02:00<br>EDT                   | 03:00<br>EDT                   | 04:00<br>EDT                   | 05:00<br>EDT                   | 06:00<br>EDT                   | 07:00<br>EDT                   | 08:00<br>EDT                   | 09:00<br>EDT                   | 10:00<br>EDT                    | 11:00<br>EDT                    | 12:00<br>EDT                   | 13:00<br>EDT                   | 14:00<br>EDT                    | 15:00<br>EDT                   | 16:00<br>EDT                    | 17:00<br>EDT                      | 18:00<br>EDT                    | 19:00<br>EDT                    | 20:00<br>EDT                    | 21:00<br>EDT                    | 22:00<br>EDT                   | 23:00<br>EDT                   |
|------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|
| 61757                  | 132.64<br>7.23<br>0.00<br>N    | 112.92<br>6.70<br>0.00<br>N    | 97.12<br>5.75<br>0.00<br>N     | 133.26<br>7.49<br>0.00<br>N    | 126.60<br>6.81<br>0.00<br>N    | 97.95<br>5.98<br>0.00<br>N     | 114.75<br>7.57<br>-1.11<br>N   | 134.65<br>9.04<br>-1.12<br>N   | 136.32<br>9.53<br>-1.47<br>N   | 150.49<br>10.86<br>-1.32<br>N  | 146.14<br>10.75<br>-4.21<br>N   | 137.00<br>7.98<br>-33.82<br>N   | 131.20<br>5.20<br>-64.68<br>N  | 114.50<br>5.23<br>-43.81<br>N  | 120.62<br>6.38<br>-34.36<br>N   | 187.96<br>4.80<br>-122.75<br>N | 185.94<br>7.98<br>-79.14<br>N   | 574.63<br>5.88<br>-494.94<br>N    | 292.84<br>6.70<br>-203.15<br>N  | 47.62<br>-0.10<br>-50.94<br>N   | -28.80<br>-2.96<br>-17.32<br>N  | -22.00<br>-2.69<br>-14.62<br>N  | 70.07<br>3.69<br>-6.91<br>N    | 153.55<br>8.75<br>0.00<br>N    |
| CENTRL<br>61754        | 126.50<br>1.08<br>0.00<br>N    | 106.61<br>0.40<br>0.00<br>N    | 91.48<br>0.11<br>0.00<br>N     | 126.37<br>0.60<br>0.00<br>N    | 120.31<br>0.53<br>0.00<br>N    | 92.51<br>0.53<br>0.00<br>N     | 107.94<br>1.19<br>-0.69<br>N   | 135.06<br>2.95<br>-7.63<br>N   | 138.00<br>2.65<br>-10.03<br>N  | 151.24<br>3.85<br>-9.08<br>N   | 146.33<br>4.11<br>-11.04<br>N   | 105.00<br>1.90<br>-7.90<br>N    | 70.58<br>1.27<br>-8.00<br>N    | 72.39<br>1.52<br>-5.41<br>N    | 86.03<br>2.06<br>-4.08<br>N     | 77.02<br>1.44<br>-15.16<br>N   | 110.77<br>2.57<br>-9.39<br>N    | 133.65<br>2.18<br>-57.66<br>N     | 110.47<br>2.20<br>-25.28<br>N   | 0.51<br>-0.34<br>-4.07<br>N     | -44.21<br>-1.06<br>0.00<br>N    | -34.16<br>-0.23<br>0.00<br>N    | 60.70<br>1.23<br>0.00<br>N     | 146.07<br>1.27<br>0.00<br>N    |
| DUNWOD<br>61760        | 138.08<br>12.66<br>0.00<br>N   | 117.15<br>10.94<br>0.00<br>N   | 100.43<br>9.06<br>0.00<br>N    | 138.27<br>12.50<br>0.00<br>N   | 131.60<br>11.82<br>0.00<br>N   | 101.88<br>9.91<br>0.00<br>N    | 119.46<br>12.50<br>-0.89<br>N  | 140.76<br>14.80<br>-1.47<br>N  | 142.20<br>14.96<br>-1.92<br>N  | 156.34<br>16.30<br>-1.74<br>N  | 204.56<br>16.04<br>-57.34<br>N  | 164.12<br>11.87<br>-57.06<br>N  | 168.33<br>7.35<br>-99.67<br>N  | 154.32<br>8.12<br>-80.74<br>N  | 178.48<br>9.89<br>-88.70<br>N   | 283.09<br>7.36<br>-215.31<br>N | 306.93<br>12.14<br>-195.98<br>N | 1445.18<br>9.26<br>-1362.11<br>N  | 419.32<br>10.49<br>-325.84<br>N | 488.94<br>0.02<br>-492.15<br>N  | 366.96<br>-3.64<br>-413.75<br>N | 292.12<br>-3.08<br>-329.13<br>N | 164.86<br>5.57<br>-99.81<br>N  | 158.52<br>13.72<br>0.00<br>N   |
| GENESE<br>61753        | 124.78<br>-0.64<br>0.00<br>N   | 104.55<br>-1.66<br>0.00<br>N   | 88.98<br>-2.39<br>0.00<br>N    | 122.56<br>-3.21<br>0.00<br>N   | 116.21<br>-3.57<br>0.00<br>N   | 89.77<br>-2.20<br>0.00<br>N    | 104.52<br>-1.64<br>-0.09<br>N  | 124.34<br>-0.14<br>0.00<br>N   | 124.87<br>-0.44<br>0.00<br>N   | 139.41<br>1.10<br>0.00<br>N    | 131.86<br>0.68<br>0.00<br>N     | 97.08<br>-0.90<br>-2.78<br>N    | 66.85<br>0.07<br>-5.47<br>N    | 69.61<br>0.50<br>-3.66<br>N    | 84.09<br>1.44<br>-2.76<br>N     | 71.77<br>1.06<br>-10.29<br>N   | 106.16<br>0.95<br>-6.39<br>N    | 113.75<br>0.50<br>-39.44<br>N     | 100.26<br>0.08<br>-17.20<br>N   | -1.24<br>-0.78<br>-2.76<br>N    | -44.45<br>-1.30<br>0.00<br>N    | -34.06<br>-0.13<br>0.00<br>N    | 60.10<br>0.63<br>0.00<br>N     | 141.34<br>-3.47<br>0.00<br>N   |
| H Q<br>61844           | 123.28<br>-3.61<br>6.99<br>N   | 103.38<br>-2.83<br>0.00<br>N   | 89.12<br>-2.25<br>0.00<br>N    | 122.50<br>-3.27<br>0.00<br>N   | 116.97<br>-2.82<br>0.00<br>N   | 89.38<br>-2.59<br>0.00<br>N    | 102.96<br>-3.10<br>0.00<br>N   | 120.65<br>-3.83<br>0.00<br>N   | 121.48<br>-3.83<br>0.00<br>N   | 137.76<br>-4.69<br>-0.33<br>N  | 126.94<br>-4.24<br>0.00<br>N    | 92.23<br>-2.97<br>0.00<br>N     | 59.51<br>-1.81<br>0.00<br>N    | 63.74<br>-1.72<br>0.00<br>N    | 122.51<br>-2.79<br>-22.08<br>N  | 108.11<br>-2.87<br>-0.60<br>N  | 96.53<br>-2.28<br>0.00<br>N     | 72.02<br>-1.79<br>0.00<br>N       | 81.13<br>-1.86<br>0.00<br>N     | 93.46<br>-2.76<br>17.56<br>N    | 9.69<br>-0.79<br>32.49<br>N     | 47.66<br>-0.89<br>-6.01<br>N    | 10.29<br>-0.41<br>19.96<br>N   | 43.30<br>-0.29<br>-24.45<br>N  |
| HUD VL<br>61758        | 137.48<br>12.06<br>0.00<br>N   | 116.60<br>10.38<br>0.00<br>N   | 99.95<br>8.58<br>0.00<br>N     | 137.61<br>11.84<br>0.00<br>N   | 130.99<br>11.21<br>0.00<br>N   | 101.34<br>9.37<br>0.00<br>N    | 118.77<br>11.83<br>-0.88<br>N  | 140.17<br>14.21<br>-1.47<br>N  | 141.75<br>14.51<br>-1.92<br>N  | 155.92<br>15.87<br>-1.74<br>N  | 191.02<br>15.73<br>-44.10<br>N  | 156.02<br>11.66<br>-49.17<br>N  | 155.38<br>7.29<br>-86.77<br>N  | 142.36<br>8.11<br>-68.79<br>N  | 162.95<br>9.93<br>-73.13<br>N   | 252.33<br>7.36<br>-184.56<br>N | 273.27<br>12.11<br>-162.35<br>N | 1202.63<br>9.34<br>-1119.48<br>N  | 376.42<br>10.60<br>-282.83<br>N | 414.20<br>-0.01<br>-417.43<br>N | 305.97<br>-3.72<br>-352.84<br>N | 238.04<br>-3.27<br>-275.24<br>N | 139.00<br>5.39<br>-74.14<br>N  | 157.96<br>13.16<br>0.00<br>N   |
| LONGIL<br>61762        | 155.40<br>17.14<br>-12.83<br>N | 139.33<br>14.84<br>-18.28<br>N | 122.38<br>12.57<br>-18.44<br>N | 156.14<br>17.10<br>-13.27<br>N | 137.95<br>15.47<br>-2.69<br>N  | 106.23<br>13.06<br>-1.19<br>N  | 132.55<br>16.39<br>-10.09<br>N | 156.10<br>19.34<br>-12.28<br>N | 164.88<br>19.18<br>-20.38<br>N | 161.95<br>19.63<br>-4.01<br>N  | 203.50<br>17.52<br>-54.80<br>N  | 166.26<br>13.51<br>-57.56<br>N  | 171.27<br>8.45<br>-101.51<br>N | 169.41<br>9.72<br>-94.23<br>N  | 182.18<br>11.39<br>-90.91<br>N  | 370.42<br>8.61<br>-301.40<br>N | 404.91<br>14.67<br>-291.43<br>N | 1446.72<br>10.28<br>-1362.63<br>N | 466.75<br>12.05<br>-371.71<br>N | 386.42<br>0.14<br>-389.51<br>N  | 325.84<br>-3.32<br>-372.31<br>N | 230.05<br>-2.67<br>-266.64<br>N | 166.81<br>7.00<br>-100.34<br>N | 167.19<br>17.87<br>-4.52<br>N  |
| MHK VL<br>61756        | 129.07<br>3.65<br>0.00<br>N    | 109.14<br>2.93<br>0.00<br>N    | 93.80<br>2.43<br>0.00<br>N     | 129.28<br>3.51<br>0.00<br>N    | 123.40<br>3.61<br>0.00<br>N    | 94.98<br>3.01<br>0.00<br>N     | 110.33<br>3.88<br>-0.38<br>N   | 133.87<br>5.56<br>-3.81<br>N   | 136.10<br>5.79<br>-5.00<br>N   | 149.59<br>6.78<br>-4.51<br>N   | 145.99<br>6.77<br>-8.04<br>N    | 106.43<br>4.54<br>-6.69<br>N    | 73.11<br>2.97<br>-8.83<br>N    | 75.67<br>3.42<br>-6.79<br>N    | 90.70<br>4.08<br>-6.74<br>N     | 82.94<br>3.14<br>-19.38<br>N   | 119.63<br>5.51<br>-15.31<br>N   | 180.21<br>4.33<br>-102.08<br>N    | 118.11<br>4.58<br>-30.54<br>N   | 24.88<br>0.01<br>-28.09<br>N    | -21.67<br>-1.87<br>-23.35<br>N  | -17.23<br>-1.46<br>-18.16<br>N  | 65.49<br>2.19<br>-3.83<br>N    | 149.19<br>4.39<br>0.00<br>N    |
| MILLWD<br>61759        | 137.85<br>12.43<br>0.00<br>N   | 116.94<br>10.73<br>0.00<br>N   | 100.22<br>8.85<br>0.00<br>N    | 137.97<br>12.20<br>0.00<br>N   | 131.27<br>11.48<br>0.00<br>N   | 101.61<br>9.63<br>0.00<br>N    | 119.16<br>12.20<br>-0.89<br>N  | 140.53<br>14.58<br>-1.46<br>N  | 142.04<br>14.81<br>-1.91<br>N  | 156.16<br>16.12<br>-1.73<br>N  | 203.28<br>15.96<br>-56.14<br>N  | 163.58<br>11.87<br>-56.51<br>N  | 167.55<br>7.41<br>-98.83<br>N  | 153.58<br>8.24<br>-79.88<br>N  | 177.39<br>10.05<br>-87.45<br>N  | 281.02<br>7.48<br>-213.12<br>N | 304.39<br>12.31<br>-193.26<br>N | 1425.30<br>9.44<br>-1342.04<br>N  | 416.59<br>10.70<br>-322.91<br>N | 476.41<br>0.03<br>-479.60<br>N  | 358.33<br>-3.72<br>-405.21<br>N | 283.08<br>-3.24<br>-320.25<br>N | 163.25<br>5.51<br>-98.27<br>N  | 158.17<br>13.37<br>0.00<br>N   |
| N.Y.C.<br>61761        | 214.24<br>13.41<br>-75.41<br>N | 201.52<br>11.54<br>-83.77<br>N | 183.39<br>9.54<br>-82.47<br>N  | 203.53<br>13.30<br>-64.46<br>N | 199.20<br>12.60<br>-66.82<br>N | 181.44<br>10.66<br>-78.81<br>N | 189.19<br>13.39<br>-69.74<br>N | 201.36<br>15.85<br>-61.02<br>N | 205.45<br>15.96<br>-64.18<br>N | 213.08<br>17.22<br>-57.56<br>N | 254.66<br>16.97<br>-106.51<br>N | 220.53<br>12.53<br>-112.80<br>N | 240.16<br>7.62<br>-171.23<br>N | 279.66<br>8.39<br>-205.82<br>N | 319.62<br>10.25<br>-229.49<br>N | 352.99<br>7.60<br>-284.98<br>N | 349.92<br>12.47<br>-238.64<br>N | 1389.64<br>9.45<br>-1306.38<br>N  | 445.49<br>10.73<br>-351.77<br>N | 518.14<br>0.26<br>-521.11<br>N  | 405.29<br>-3.66<br>-452.11<br>N | 346.54<br>-3.00<br>-383.47<br>N | 210.23<br>5.83<br>-144.93<br>N | 213.01<br>14.36<br>-53.85<br>N |

|                |        |        |       |        |        |       |        |        |        |        |        |        |        |        |        |         |         |         |         |        |         |        |        |        |
|----------------|--------|--------|-------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|--------|---------|--------|--------|--------|
| NORTH<br>61755 | 120.89 | 102.26 | 88.03 | 120.70 | 115.35 | 88.33 | 101.73 | 119.45 | 120.50 | 133.14 | 125.89 | 91.35  | 58.96  | 63.49  | 77.59  | 58.62   | 96.09   | 71.82   | 80.96   | -3.12  | -42.24  | -33.24 | 58.01  | 141.02 |
|                | -4.53  | -3.96  | -3.34 | -5.06  | -4.43  | -3.64 | -4.34  | -5.04  | -4.81  | -5.17  | -5.30  | -3.85  | -2.35  | -1.97  | -2.29  | -1.79   | -2.72   | -1.99   | -2.02   | 0.11   | 0.91    | 0.69   | -1.46  | -3.78  |
|                | 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      |
| NPX<br>61845   | 125.00 | 128.00 | 98.30 | 76.43  | 127.99 | 99.10 | 115.88 | 135.61 | 136.92 | 156.35 | 165.13 | 144.95 | 142.84 | 127.23 | 155.60 | 159.00  | 226.69  | 880.88  | 334.56  | 144.00 | 203.46  | 105.80 | 86.00  | 96.00  |
|                | 8.83   | 7.99   | 6.92  | 5.41   | 8.21   | 7.13  | 8.81   | 9.91   | 10.02  | 12.46  | 10.66  | 7.99   | 5.06   | 5.19   | 8.28   | 9.00    | 7.60    | 5.67    | 6.66    | 9.59   | 2.49    | 3.15   | 1.78   | 1.19   |
|                | 17.72  | -3.78  | 0.00  | 10.01  | 0.00   | 0.00  | -1.02  | -1.21  | -1.58  | -1.77  | -23.29 | -41.77 | -76.47 | -56.58 | -44.10 | -39.63  | -120.28 | -801.41 | -244.90 | -20.62 | -157.99 | -60.12 | -53.55 | -75.66 |
|                | N      | N      | N     | N      | N      | N     | N      | N      | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N       | N      | N       | N      | N      | N      |
| O H<br>61846   | 114.67 | 97.20  | 82.64 | 114.07 | 108.10 | 83.57 | 96.80  | 114.14 | 113.42 | 130.20 | 120.26 | 88.84  | 62.74  | 64.67  | 120.00 | 108.15  | 99.45   | 103.22  | 140.00  | 110.26 | 10.00   | 46.00  | 10.00  | 41.93  |
|                | -12.23 | -9.01  | -8.73 | -11.70 | -11.69 | -8.40 | -9.37  | -10.35 | -11.90 | -12.25 | -10.92 | -9.65  | -5.03  | -5.11  | -5.30  | -6.58   | -6.92   | -6.66   | -10.01  | -8.25  | -0.49   | -2.54  | -0.71  | -1.67  |
|                | 6.99   | 0.00   | 0.00  | 0.00   | 0.00   | 0.00  | -0.11  | 0.00   | 0.00   | -0.33  | 0.00   | -3.29  | -6.46  | -4.32  | -22.08 | -4.35   | -7.56   | -11.94  | -17.20  | -4.72  | 32.49   | -6.01  | 19.96  | -24.45 |
|                | N      | N      | N     | N      | N      | N     | N      | N      | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N       | N      | N       | N      | N      | N      |
| PJM<br>61847   | 132.00 | 113.00 | 86.90 | 121.74 | 117.30 | 89.08 | 105.74 | 128.59 | 128.31 | 155.93 | 174.00 | 133.97 | 131.12 | 191.00 | 204.51 | 260.00  | 228.65  | 955.96  | 303.47  | 130.95 | 352.67  | 144.20 | 120.00 | 89.93  |
|                | 5.10   | 3.21   | -4.47 | -4.03  | -2.49  | -2.89 | -1.07  | 1.79   | 0.00   | 10.77  | 12.53  | 0.25   | 0.20   | 7.77   | 7.97   | 8.96    | 2.45    | 3.50    | 3.47    | 11.43  | 2.42    | 2.78   | 0.62   | 0.25   |
|                | 6.99   | 6.44   | 0.00  | 0.00   | 0.00   | 0.00  | -0.74  | -2.31  | -3.00  | -3.06  | -12.33 | -38.52 | -69.61 | -86.03 | -93.31 | -140.66 | -127.39 | -878.65 | -217.02 | -5.72  | -307.26 | -98.89 | -88.71 | -70.54 |
|                | N      | N      | N     | N      | N      | N     | N      | N      | N      | N      | N      | N      | N      | N      | N      | N       | N       | N       | N       | N      | N       | N      | N      | N      |
| WEST<br>61752  | 118.69 | 99.12  | 84.44 | 116.80 | 110.74 | 85.48 | 99.47  | 118.88 | 118.99 | 134.17 | 127.41 | 93.42  | 65.66  | 67.57  | 81.12  | 72.09   | 103.78  | 124.72  | 103.66  | -0.64  | -43.56  | -32.51 | 59.05  | 137.38 |
|                | -6.73  | -7.09  | -6.93 | -8.97  | -9.04  | -6.49 | -6.71  | -6.39  | -7.81  | -5.49  | -4.91  | -6.12  | -3.05  | -2.83  | -2.50  | -2.25   | -3.68   | -2.32   | -2.52   | -1.15  | -0.41   | 1.42   | -0.42  | -7.42  |
|                | 0.00   | 0.00   | 0.00  | 0.00   | 0.00   | 0.00  | -0.12  | -0.79  | -1.48  | -1.35  | -1.14  | -4.35  | -7.39  | -4.95  | -3.73  | -13.93  | -8.65   | -53.23  | -23.19  | -3.73  | 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      |