

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/15/2008

| 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<br>61757 | 92.71<br>0.69<br>-79.17 | 88.16<br>0.77<br>-73.06 | 78.47<br>0.79<br>-62.84 | 76.50<br>0.89<br>-58.73 | 78.02<br>0.94<br>-60.01 | 83.99<br>1.61<br>-50.80 | 99.94<br>2.31<br>-45.11 | 97.54<br>3.03<br>-18.71  | 98.68<br>3.09<br>-16.37   | 107.02<br>3.29<br>-23.45  | 103.97<br>3.02<br>-19.31  | 109.21<br>3.17<br>-20.43  | 104.58<br>3.35<br>0.34    | 103.59<br>2.80<br>-15.93  | 110.76<br>2.85<br>-28.63  | 107.72<br>2.94<br>-20.64  | 105.31<br>3.01<br>-20.89  | 104.41<br>3.04<br>-21.32  | 94.10<br>2.62<br>-26.09  | 98.19<br>2.46<br>-34.17  | 113.78<br>3.46<br>-27.91  | 100.11<br>2.62<br>-30.34 | 89.22<br>2.22<br>-36.53  | 93.84<br>1.72<br>-56.22  |
| CENTRL<br>61754 | 22.43<br>-0.30<br>-9.88 | 23.16<br>-0.29<br>-9.12 | 22.35<br>-0.33<br>-7.84 | 23.80<br>-0.41<br>-7.33 | 24.20<br>-0.36<br>-7.49 | 37.25<br>-0.66<br>-6.34 | 56.63<br>-1.52<br>-5.63 | 75.53<br>-2.35<br>-2.08  | 78.50<br>-2.53<br>-1.82   | 80.56<br>-2.33<br>-2.61   | 81.75<br>-2.15<br>-2.15   | 85.66<br>-2.23<br>-2.28   | 97.98<br>-2.13<br>1.45    | 84.76<br>-1.87<br>-1.77   | 81.01<br>-1.74<br>-3.47   | 84.08<br>-2.36<br>-2.30   | 81.53<br>-2.20<br>-2.33   | 80.19<br>-2.24<br>-2.37   | 66.34<br>-2.29<br>-3.23  | 63.64<br>-2.15<br>-4.24  | 83.06<br>-2.47<br>-3.13   | 68.72<br>-2.22<br>-3.79  | 53.26<br>-1.77<br>-4.56  | 41.91<br>-1.01<br>-7.01  |
| DUNWOD<br>61760 | 73.75<br>0.90<br>-60.01 | 70.64<br>0.93<br>-55.38 | 63.38<br>0.91<br>-47.63 | 62.42<br>1.03<br>-44.52 | 63.58<br>1.02<br>-45.49 | 72.30<br>2.21<br>-38.51 | 91.23<br>4.52<br>-34.19 | 96.82<br>6.97<br>-14.04  | 98.95<br>7.45<br>-12.29   | 105.51<br>7.63<br>-17.61  | 103.97<br>7.84<br>-14.49  | 109.17<br>8.22<br>-15.34  | 111.10<br>9.95<br>0.42    | 104.97<br>8.15<br>-11.96  | 108.31<br>7.53<br>-21.50  | 108.05<br>8.33<br>-15.59  | 105.00<br>7.81<br>-15.78  | 103.84<br>7.69<br>-16.10  | 91.15<br>6.02<br>-19.74  | 93.07<br>5.66<br>-25.85  | 111.60<br>8.08<br>-21.12  | 96.39<br>6.25<br>-23.00  | 82.45<br>4.29<br>-27.69  | 81.31<br>2.80<br>-42.61  |
| GENESE<br>61753 | 19.35<br>-0.31<br>-6.81 | 20.36<br>-0.26<br>-6.29 | 20.07<br>-0.18<br>-5.41 | 21.66<br>-0.27<br>-5.05 | 21.99<br>-0.24<br>-5.16 | 35.26<br>-0.69<br>-4.37 | 54.46<br>-1.94<br>-3.88 | 73.83<br>-3.49<br>-1.52  | 75.95<br>-4.59<br>-1.33   | 78.01<br>-4.17<br>-1.91   | 80.60<br>-2.61<br>-1.57   | 84.19<br>-3.08<br>-1.66   | 97.51<br>-3.45<br>0.60    | 83.52<br>-2.63<br>-1.29   | 79.91<br>-2.22<br>-2.85   | 82.28<br>-3.53<br>-1.68   | 80.01<br>-3.09<br>-1.70   | 78.50<br>-3.28<br>-1.73   | 64.11<br>-3.53<br>-2.24  | 61.04<br>-3.45<br>-2.94  | 80.22<br>-4.45<br>-2.27   | 65.94<br>-3.83<br>-2.61  | 51.29<br>-2.32<br>-3.14  | 39.91<br>-0.83<br>-4.84  |
| H Q<br>61844    | 12.84<br>0.00<br>0.00   | 14.33<br>0.00<br>0.00   | 14.84<br>0.00<br>0.00   | 16.88<br>0.00<br>0.00   | 17.07<br>0.00<br>0.00   | 31.58<br>0.00<br>0.00   | 52.53<br>0.00<br>0.00   | 75.80<br>0.00<br>0.00    | 79.22<br>0.00<br>0.00     | 80.28<br>0.00<br>0.00     | 81.64<br>0.00<br>0.00     | 85.61<br>0.00<br>0.00     | 85.57<br>0.00<br>15.99    | 84.86<br>0.00<br>0.00     | 79.28<br>0.00<br>0.00     | 84.14<br>0.00<br>0.00     | 81.40<br>0.00<br>0.00     | 80.05<br>0.00<br>0.00     | 65.39<br>0.00<br>0.00    | 61.56<br>0.00<br>0.00    | 82.40<br>0.00<br>0.00     | 67.15<br>0.00<br>0.00    | 50.47<br>0.00<br>0.00    | 35.90<br>0.00<br>0.00    |
| HUD VL<br>61758 | 73.60<br>0.77<br>-59.99 | 70.48<br>0.79<br>-55.36 | 63.23<br>0.77<br>-47.62 | 62.26<br>0.88<br>-44.50 | 63.43<br>0.89<br>-45.47 | 72.00<br>1.93<br>-38.49 | 90.70<br>3.99<br>-34.18 | 95.91<br>6.06<br>-14.04  | 98.00<br>6.50<br>-12.29   | 104.51<br>6.66<br>-17.57  | 103.05<br>6.94<br>-14.46  | 108.11<br>7.19<br>-15.31  | 109.99<br>8.84<br>0.42    | 104.03<br>7.21<br>-11.96  | 107.43<br>6.66<br>-21.49  | 107.10<br>7.40<br>-15.56  | 104.07<br>6.92<br>-15.75  | 102.93<br>6.80<br>-16.07  | 90.46<br>5.36<br>-19.70  | 92.41<br>5.05<br>-25.80  | 110.77<br>7.25<br>-21.11  | 95.65<br>5.51<br>-22.99  | 81.83<br>3.68<br>-27.68  | 80.83<br>2.33<br>-42.60  |
| LONGIL<br>61762 | 74.23<br>1.37<br>-60.02 | 71.22<br>1.50<br>-55.38 | 63.78<br>1.31<br>-47.64 | 62.87<br>1.47<br>-44.52 | 64.09<br>1.54<br>-45.49 | 73.41<br>3.32<br>-38.51 | 93.43<br>6.67<br>-34.23 | 121.03<br>9.78<br>-35.45 | 124.72<br>10.30<br>-35.21 | 125.60<br>10.60<br>-34.73 | 127.82<br>10.70<br>-35.49 | 138.23<br>11.04<br>-41.58 | 138.52<br>13.51<br>-23.44 | 138.22<br>10.95<br>-42.41 | 134.49<br>10.31<br>-44.90 | 134.57<br>11.27<br>-39.16 | 141.66<br>10.66<br>-49.59 | 134.34<br>10.41<br>-43.88 | 126.71<br>8.24<br>-53.07 | 134.04<br>7.76<br>-64.73 | 156.00<br>10.96<br>-62.64 | 130.37<br>8.66<br>-54.55 | 136.54<br>6.01<br>-80.07 | 105.00<br>4.20<br>-64.90 |
| MHK VL<br>61756 | 21.19<br>-0.14<br>-8.49 | 22.01<br>-0.16<br>-7.84 | 21.31<br>-0.27<br>-6.74 | 22.91<br>-0.27<br>-6.30 | 23.33<br>-0.17<br>-6.44 | 36.81<br>-0.22<br>-5.45 | 57.15<br>-0.21<br>-4.84 | 77.97<br>0.30<br>-1.87   | 81.17<br>0.32<br>-1.63    | 82.88<br>0.32<br>-2.28    | 83.36<br>-0.16<br>-1.88   | 87.60<br>0.00<br>-1.99    | 100.67<br>-0.41<br>0.49   | 86.28<br>-0.17<br>-1.59   | 82.04<br>-0.16<br>-2.92   | 85.93<br>-0.17<br>-1.96   | 83.31<br>-0.08<br>-1.98   | 82.00<br>-0.08<br>-2.02   | 68.24<br>0.26<br>-2.59   | 65.31<br>0.37<br>-3.39   | 85.61<br>0.33<br>-2.88    | 70.74<br>0.34<br>-3.25   | 53.93<br>-0.45<br>-3.92  | 41.28<br>-0.65<br>-6.03  |
| MILLWD<br>61759 | 74.25<br>0.83<br>-60.58 | 71.09<br>0.86<br>-55.90 | 63.77<br>0.85<br>-48.08 | 62.76<br>0.95<br>-44.94 | 63.92<br>0.94<br>-45.92 | 72.50<br>2.05<br>-38.87 | 91.24<br>4.20<br>-34.51 | 96.37<br>6.37<br>-14.20  | 98.45<br>6.81<br>-12.43   | 105.06<br>6.98<br>-17.80  | 103.48<br>7.18<br>-14.65  | 108.57<br>7.45<br>-15.51  | 110.29<br>9.14<br>0.41    | 104.42<br>7.47<br>-12.09  | 107.91<br>6.90<br>-21.74  | 107.54<br>7.66<br>-15.75  | 104.51<br>7.16<br>-15.94  | 103.37<br>7.04<br>-16.27  | 90.90<br>5.56<br>-19.94  | 92.85<br>5.17<br>-26.12  | 111.14<br>7.42<br>-21.32  | 96.07<br>5.71<br>-23.21  | 82.30<br>3.89<br>-27.95  | 81.46<br>2.55<br>-43.01  |
| N.Y.C.<br>61761 | 73.89<br>1.04<br>-60.01 | 70.78<br>1.07<br>-55.38 | 63.51<br>1.04<br>-47.63 | 62.56<br>1.16<br>-44.52 | 63.72<br>1.16<br>-45.49 | 72.58<br>2.49<br>-38.51 | 91.76<br>5.04<br>-34.19 | 126.14<br>7.66<br>-42.68 | 132.73<br>8.24<br>-45.28  | 144.62<br>8.43<br>-55.91  | 144.79<br>8.65<br>-54.49  | 147.71<br>8.99<br>-53.11  | 155.99<br>10.97<br>-43.45 | 151.30<br>8.91<br>-57.53  | 151.88<br>8.25<br>-64.35  | 160.30<br>9.09<br>-67.07  | 162.83<br>8.55<br>-72.88  | 147.35<br>8.41<br>-58.89  | 141.59<br>6.67<br>-69.52 | 132.48<br>6.28<br>-64.65 | 141.27<br>8.90<br>-49.97  | 132.10<br>6.92<br>-58.03 | 120.00<br>4.79<br>-64.74 | 85.25<br>3.16<br>-46.20  |
| NORTH<br>61755  | 8.78<br>-1.13<br>2.94   | 9.89<br>-1.73<br>2.71   | 10.55<br>-1.96<br>2.33  | 12.79<br>-1.91<br>2.18  | 13.10<br>-1.74<br>2.23  | 26.92<br>-2.78<br>1.88  | 46.76<br>-4.10<br>1.67  | 70.20<br>-4.93<br>0.67   | 74.35<br>-4.28<br>0.59    | 72.86<br>-6.58<br>0.84    | 68.71<br>-12.25<br>0.69   | 73.58<br>-11.30<br>0.73   | 69.63<br>-15.95<br>15.99  | 71.22<br>-13.07<br>0.57   | 66.21<br>-12.05<br>1.02   | 74.36<br>-9.00<br>0.77    | 70.93<br>-9.69<br>0.78    | 71.01<br>-8.25<br>0.80    | 62.06<br>-2.35<br>0.98   | 57.88<br>-2.40<br>1.28   | 73.95<br>-7.42<br>1.04    | 63.27<br>-2.75<br>1.13   | 45.98<br>-3.13<br>1.35   | 29.76<br>-4.06<br>2.09   |
| NPX<br>61845    | 84.87<br>0.64<br>-71.38 | 80.92<br>0.72<br>-65.87 | 72.24<br>0.74<br>-56.66 | 70.69<br>0.86<br>-52.95 | 72.03<br>0.85<br>-54.11 | 79.06<br>1.67<br>-45.80 | 95.98<br>2.78<br>-40.67 | 96.65<br>4.09<br>-16.76  | 98.24<br>4.36<br>-14.67   | 105.63<br>4.33<br>-21.02  | 103.27<br>4.33<br>-17.30  | 108.46<br>4.54<br>-18.31  | 106.29<br>5.08<br>0.36    | 103.46<br>4.33<br>-14.27  | 108.89<br>3.96<br>-25.65  | 107.00<br>4.29<br>-18.57  | 104.52<br>4.31<br>-18.80  | 103.48<br>4.24<br>-19.18  | 92.35<br>3.47<br>-23.49  | 95.64<br>3.32<br>-30.76  | 111.76<br>4.20<br>-25.15  | 98.00<br>3.49<br>-27.36  | 86.03<br>2.62<br>-32.94  | 88.38<br>1.79<br>-50.69  |

|               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| OH<br>61846   | 20.00  | 20.91  | 20.38  | 21.83  | 22.00  | 33.94  | 50.58  | 64.02  | 66.71  | 67.82  | 69.95  | 72.83  | 72.00  | 72.78  | 68.03  | 71.03  | 69.09  | 67.83  | 58.58  | 56.00  | 69.18  | 60.25  | 48.91  | 39.00  |
|               | -0.95  | -0.90  | -0.89  | -1.06  | -1.21  | -2.84  | -6.57  | -11.07 | -11.88 | -11.56 | -10.94 | -11.99 | -13.51 | -11.46 | -10.15 | -12.28 | -11.48 | -11.37 | -9.48  | -9.05  | -12.11 | -10.01 | -5.30  | -2.66  |
|               | -8.11  | -7.48  | -6.44  | -6.01  | -6.15  | -5.20  | -4.62  | 0.71   | 0.62   | 0.90   | 0.75   | 0.80   | 16.06  | 0.62   | 1.10   | 0.82   | 0.83   | 0.85   | -2.67  | -3.49  | 1.11   | -3.11  | -3.74  | -5.76  |
| PJM<br>61847  | 54.97  | 50.50  | 45.72  | 45.00  | 46.14  | 54.00  | 83.55  | 75.49  | 93.19  | 95.98  | 98.82  | 103.00 | 90.74  | 101.11 | 101.60 | 86.23  | 101.00 | 100.71 | 85.00  | 84.00  | 104.19 | 93.40  | 71.50  | 61.40  |
|               | -1.21  | 0.04   | 0.00   | -0.02  | -0.03  | 0.16   | 0.79   | -13.80 | 1.51   | -1.53  | 1.88   | 1.80   | -13.51 | 1.95   | 1.82   | -15.48 | 1.14   | 1.76   | 0.85   | 0.80   | 1.90   | 1.07   | 0.61   | -5.74  |
|               | -43.33 | -36.13 | -30.88 | -28.14 | -29.11 | -22.26 | -30.23 | -13.48 | -12.47 | -17.23 | -15.30 | -15.59 | -2.68  | -14.30 | -20.49 | -17.58 | -18.46 | -18.89 | -18.76 | -21.64 | -19.89 | -25.17 | -20.43 | -31.24 |
| WEST<br>61752 | 21.33  | 22.12  | 21.39  | 22.77  | 23.02  | 34.92  | 52.17  | 66.76  | 69.99  | 71.24  | 72.98  | 75.93  | 77.85  | 75.54  | 70.54  | 73.99  | 72.00  | 70.73  | 60.30  | 57.95  | 72.76  | 62.40  | 50.13  | 39.91  |
|               | -0.85  | -0.83  | -0.86  | -1.03  | -1.13  | -2.65  | -5.67  | -9.17  | -9.35  | -9.23  | -8.82  | -9.85  | -11.07 | -9.42  | -8.40  | -10.26 | -9.52  | -9.45  | -8.17  | -7.63  | -9.81  | -8.33  | -4.64  | -2.62  |
|               | -9.34  | -8.62  | -7.41  | -6.93  | -7.08  | -5.99  | -5.32  | -0.13  | -0.12  | -0.20  | -0.15  | -0.16  | 12.65  | -0.10  | 0.33   | -0.12  | -0.12  | -0.12  | -3.08  | -4.03  | -0.16  | -3.58  | -4.31  | -6.63  |