

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/18/2007

| 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            | EST                       | EST                      | EST                      | EST                      | EST                      | EST                      | EST                      | EST                     | EST                     | EST                       | EST                       | EST                       | EST                       | EST                       | EST                       | EST                       | EST                       | EST                       | EST                       | EST                       | EST                       | EST                       | EST                      | EST                       |
| CAPITL<br>61757 | 104.20<br>6.61<br>-8.32   | 94.43<br>5.28<br>-19.72  | 90.41<br>4.37<br>-25.29  | 96.29<br>4.43<br>-31.10  | 91.19<br>4.43<br>-26.01  | 110.41<br>6.84<br>0.00   | 121.18<br>7.88<br>7.85   | 139.69<br>8.16<br>0.01  | 139.29<br>7.76<br>0.01  | 137.75<br>8.65<br>0.00    | 134.27<br>8.90<br>-3.51   | 140.16<br>8.11<br>-25.39  | 135.61<br>8.59<br>-12.43  | 136.82<br>7.79<br>-25.18  | 124.71<br>7.19<br>-13.25  | 130.24<br>8.41<br>0.00    | 163.41<br>11.12<br>0.01   | 205.19<br>13.96<br>0.01   | 192.47<br>12.76<br>0.01   | 180.67<br>11.66<br>0.01   | 159.10<br>9.85<br>0.00    | 140.49<br>9.49<br>-2.81   | 131.87<br>7.11<br>-29.98 | 112.59<br>6.14<br>-13.45  |
| CENTRL<br>61754 | 87.70<br>-2.59<br>-1.01   | 70.10<br>-1.74<br>-2.40  | 62.13<br>-1.70<br>-3.08  | 60.24<br>-1.82<br>-1.31  | 62.21<br>-1.70<br>-3.17  | 101.09<br>-2.49<br>0.00  | 105.57<br>-4.73<br>10.86 | 125.74<br>-5.79<br>0.01 | 125.61<br>-5.92<br>0.01 | 123.29<br>-5.81<br>0.00   | 117.65<br>-4.63<br>-0.42  | 106.63<br>-3.09<br>-3.06  | 112.30<br>-3.78<br>-1.50  | 103.46<br>-3.43<br>-3.03  | 101.17<br>-4.69<br>-1.60  | 116.47<br>-5.36<br>0.00   | 145.13<br>-7.16<br>0.01   | 183.96<br>-7.27<br>0.01   | 172.52<br>-7.19<br>0.01   | 162.25<br>-6.76<br>0.01   | 143.13<br>-6.12<br>0.00   | 123.02<br>-5.51<br>-0.34  | 95.54<br>-2.84<br>-3.61  | 91.91<br>-2.70<br>-1.61   |
| DUNWOD<br>61760 | 103.25<br>7.68<br>-6.30   | 90.13<br>5.76<br>-14.94  | 84.64<br>4.74<br>-19.15  | 90.30<br>4.68<br>-24.87  | 85.00<br>4.56<br>-19.70  | 111.45<br>7.87<br>0.00   | 123.31<br>9.33<br>7.18   | 141.92<br>10.39<br>0.01 | 141.79<br>10.26<br>0.01 | 140.46<br>11.36<br>0.00   | 135.60<br>11.09<br>-2.65  | 136.30<br>10.45<br>-19.18 | 134.98<br>11.00<br>-9.39  | 132.64<br>9.76<br>-19.02  | 123.87<br>9.59<br>-10.01  | 132.92<br>11.09<br>0.00   | 166.00<br>13.71<br>0.01   | 208.63<br>17.40<br>0.01   | 194.62<br>14.92<br>0.01   | 182.37<br>13.35<br>0.01   | 161.19<br>11.94<br>0.00   | 141.98<br>11.67<br>-2.12  | 125.87<br>8.44<br>-22.65 | 110.90<br>7.72<br>-10.18  |
| GENESE<br>61753 | 83.96<br>-6.07<br>-0.76   | 67.47<br>-3.75<br>-1.79  | 59.65<br>-3.40<br>-2.30  | 58.06<br>-3.58<br>-0.89  | 60.08<br>-3.04<br>-2.37  | 98.71<br>-4.87<br>0.00   | 100.53<br>-9.45<br>11.17 | 123.11<br>-8.42<br>0.01 | 125.22<br>-6.31<br>0.01 | 122.13<br>-6.97<br>0.00   | 116.94<br>-5.24<br>-0.32  | 105.88<br>-3.09<br>-2.31  | 111.82<br>-3.90<br>-1.13  | 101.99<br>-4.15<br>-2.29  | 98.69<br>-6.78<br>-1.20   | 113.79<br>-8.04<br>0.00   | 143.46<br>-8.83<br>0.01   | 182.05<br>-9.18<br>0.01   | 170.00<br>-9.70<br>0.01   | 159.21<br>-9.80<br>0.01   | 141.64<br>-7.61<br>0.00   | 118.58<br>-9.87<br>-0.25  | 92.29<br>-5.21<br>-2.72  | 86.20<br>-6.51<br>0.29    |
| H Q<br>61844    | 88.29<br>-0.98<br>0.00    | 68.53<br>-0.90<br>0.00   | 60.08<br>-0.67<br>0.00   | 60.08<br>-0.67<br>0.00   | 60.08<br>-0.67<br>0.00   | 92.38<br>-0.62<br>10.58  | 130.60<br>0.48<br>-8.96  | 132.06<br>0.53<br>0.00  | 132.06<br>0.53<br>0.00  | 128.84<br>-0.26<br>0.00   | 121.37<br>-0.49<br>0.00   | 105.38<br>-1.28<br>0.00   | 113.55<br>-1.03<br>0.00   | 98.80<br>-0.93<br>4.12    | 108.18<br>-0.21<br>-4.12  | 121.83<br>0.00<br>0.00    | 152.45<br>0.15<br>0.00    | 191.43<br>0.19<br>0.00    | 180.43<br>0.72<br>0.00    | 170.03<br>1.01<br>0.00    | 149.70<br>0.45<br>0.00    | 130.87<br>0.00<br>-2.67   | 96.15<br>-1.04<br>-2.42  | 86.98<br>-0.93<br>5.09    |
| HUD VL<br>61758 | 103.05<br>7.50<br>-6.28   | 89.96<br>5.62<br>-14.90  | 84.53<br>4.68<br>-19.10  | 90.18<br>4.62<br>-24.82  | 84.89<br>4.50<br>-19.65  | 111.24<br>7.66<br>0.00   | 122.94<br>8.97<br>7.18   | 141.66<br>10.13<br>0.01 | 141.14<br>9.60<br>0.01  | 139.42<br>10.33<br>0.00   | 134.87<br>10.36<br>-2.65  | 135.41<br>9.60<br>-19.14  | 134.04<br>10.08<br>-9.37  | 131.87<br>9.04<br>-18.98  | 123.01<br>8.76<br>-9.99   | 132.31<br>10.48<br>0.00   | 165.24<br>12.95<br>0.01   | 207.68<br>16.45<br>0.01   | 193.91<br>14.20<br>0.01   | 181.69<br>12.68<br>0.01   | 160.45<br>11.19<br>0.00   | 141.46<br>11.15<br>-2.12  | 125.63<br>8.25<br>-22.61 | 110.50<br>7.35<br>-10.15  |
| LONGIL<br>61762 | 115.00<br>11.43<br>-14.30 | 118.96<br>8.89<br>-40.65 | 107.53<br>7.72<br>-39.07 | 103.59<br>7.59<br>-35.25 | 103.59<br>7.47<br>-35.37 | 122.52<br>12.43<br>-6.52 | 135.00<br>15.02<br>1.18  | 146.00<br>14.47<br>0.01 | 146.92<br>15.39<br>0.01 | 175.00<br>16.27<br>-29.64 | 178.00<br>15.96<br>-40.18 | 163.59<br>14.72<br>-42.21 | 140.57<br>15.13<br>-10.86 | 136.29<br>13.40<br>-19.04 | 131.93<br>13.24<br>-14.42 | 151.00<br>15.35<br>-13.82 | 225.00<br>18.89<br>-53.81 | 251.42<br>22.76<br>-37.42 | 248.74<br>19.59<br>-49.43 | 231.38<br>17.75<br>-44.61 | 225.00<br>16.72<br>-59.03 | 155.00<br>15.90<br>-10.91 | 127.21<br>9.76<br>-22.67 | 119.45<br>11.07<br>-15.38 |
| MHK VL<br>61756 | 91.01<br>0.71<br>-1.03    | 72.35<br>0.49<br>-2.43   | 64.17<br>0.30<br>-3.12   | 64.59<br>0.24<br>-3.60   | 64.26<br>0.30<br>-3.21   | 105.03<br>1.45<br>0.00   | 113.97<br>2.30<br>9.49   | 134.03<br>2.50<br>0.01  | 133.90<br>2.37<br>0.01  | 131.68<br>2.58<br>0.00    | 125.55<br>3.29<br>-0.41   | 112.26<br>2.67<br>-2.93   | 118.88<br>2.86<br>-1.43   | 109.35<br>2.60<br>-2.90   | 107.88<br>2.09<br>-1.53   | 124.27<br>2.44<br>0.00    | 155.18<br>2.89<br>0.01    | 195.44<br>4.21<br>0.01    | 184.20<br>4.49<br>0.01    | 173.24<br>4.23<br>0.01    | 152.24<br>2.99<br>0.00    | 131.47<br>2.95<br>-0.32   | 99.85<br>1.61<br>-3.46   | 96.03<br>1.39<br>-1.64    |
| MILLWD<br>61759 | 103.21<br>7.59<br>-6.35   | 90.17<br>5.69<br>-15.05  | 84.72<br>4.68<br>-19.29  | 90.38<br>4.62<br>-25.01  | 85.08<br>4.50<br>-19.84  | 111.34<br>7.77<br>0.00   | 123.17<br>9.21<br>7.19   | 141.92<br>10.39<br>0.01 | 141.66<br>10.13<br>0.01 | 140.20<br>11.10<br>0.00   | 135.38<br>10.85<br>-2.67  | 136.24<br>10.24<br>-19.33 | 134.82<br>10.77<br>-9.47  | 132.68<br>9.66<br>-19.17  | 123.74<br>9.38<br>-10.09  | 132.80<br>10.97<br>0.00   | 165.85<br>13.55<br>0.01   | 208.63<br>17.40<br>0.01   | 194.80<br>15.10<br>0.01   | 182.37<br>13.35<br>0.01   | 161.19<br>11.94<br>0.00   | 142.00<br>11.67<br>-2.14  | 126.14<br>8.53<br>-22.83 | 110.79<br>7.53<br>-10.25  |
| N.Y.C.<br>61761 | 103.88<br>8.30<br>-6.31   | 90.63<br>6.25<br>-14.95  | 85.08<br>5.16<br>-19.17  | 90.74<br>5.10<br>-24.89  | 85.44<br>4.98<br>-19.71  | 112.18<br>8.60<br>0.00   | 124.16<br>10.18<br>7.17  | 142.98<br>11.44<br>0.00 | 142.85<br>11.31<br>0.00 | 145.06<br>12.52<br>-3.44  | 136.70<br>12.19<br>-2.66  | 137.27<br>11.41<br>-19.20 | 136.02<br>12.03<br>-9.40  | 133.69<br>10.80<br>-19.04 | 124.81<br>10.53<br>-10.02 | 134.50<br>12.18<br>-0.48  | 167.22<br>14.93<br>0.00   | 210.35<br>19.12<br>0.01   | 196.25<br>16.53<br>0.00   | 183.72<br>14.70<br>0.00   | 162.39<br>13.13<br>0.00   | 143.14<br>12.82<br>-2.12  | 126.74<br>9.29<br>-22.67 | 111.65<br>8.46<br>-10.19  |
| NORTH<br>61755  | 88.38<br>-0.89<br>0.00    | 67.97<br>-1.46<br>0.00   | 59.65<br>-1.09<br>0.00   | 59.59<br>-1.15<br>0.00   | 59.72<br>-1.03<br>0.00   | 102.85<br>-0.73<br>0.00  | 119.12<br>1.09<br>3.12   | 132.98<br>1.45<br>0.00  | 132.85<br>1.32<br>0.00  | 129.61<br>0.52<br>0.00    | 122.71<br>0.85<br>0.00    | 106.24<br>-0.43<br>0.00   | 114.81<br>0.23<br>0.00    | 104.27<br>0.42<br>0.00    | 105.41<br>1.15<br>0.00    | 123.05<br>1.22<br>0.00    | 153.67<br>1.37<br>0.00    | 192.96<br>1.72<br>0.00    | 182.59<br>2.88<br>0.00    | 172.57<br>3.55<br>0.00    | 151.79<br>2.54<br>0.00    | 129.99<br>1.79<br>0.00    | 93.92<br>-0.85<br>0.00   | 92.16<br>-0.84<br>0.00    |
| NPX<br>61845    | 103.63<br>6.87<br>-7.49   | 92.60<br>5.42<br>-17.76  | 88.07<br>4.56<br>-22.76  | 93.82<br>4.56<br>-28.51  | 90.01<br>4.62<br>-24.64  | 100.25<br>7.25<br>10.58  | 131.88<br>7.63<br>-3.09  | 140.21<br>8.68<br>0.01  | 139.82<br>8.29<br>0.01  | 138.52<br>9.42<br>0.00    | 134.27<br>9.26<br>-3.15   | 138.00<br>8.53<br>-22.80  | 134.69<br>8.94<br>-11.16  | 130.34<br>8.00<br>-18.49  | 128.00<br>7.72<br>-16.02  | 130.73<br>8.89<br>0.00    | 163.41<br>11.12<br>0.01   | 204.24<br>13.00<br>0.01   | 191.39<br>11.68<br>0.01   | 179.66<br>10.65<br>0.01   | 159.10<br>9.85<br>0.00    | 143.00<br>9.61<br>-5.19   | 131.52<br>7.39<br>-29.35 | 106.34<br>6.32<br>-7.02   |



|       |        |        |        |        |        |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| OH    | 79.01  | 55.89  | 54.00  | 52.00  | 53.73  | 73.29 | 79.55  | 115.00 | 113.64 | 110.12 | 106.15 | 100.00 | 104.00 | 91.94  | 95.00  | 103.92 | 129.90 | 165.79 | 155.62 | 145.35 | 128.81 | 109.25 | 95.49  | 68.22  |
| 61846 | -11.16 | -6.67  | -6.20  | -6.32  | -6.01  | -9.94 | -18.42 | -18.28 | -17.89 | -18.98 | -16.09 | -9.39  | -11.92 | -10.49 | -14.81 | -17.91 | -22.39 | -25.43 | -24.08 | -23.66 | -20.45 | -21.92 | -11.09 | -13.39 |
|       | -0.89  | 6.87   | 0.55   | 2.43   | 1.00   | 20.34 | 23.19  | -1.75  | 0.01   | 0.00   | -0.38  | -2.72  | -1.33  | 1.42   | -5.54  | 0.00   | 0.01   | 0.01   | 0.01   | 0.01   | 0.00   | -2.97  | -11.80 | 11.39  |
| PJM   | 83.98  | 81.00  | 75.00  | 77.67  | 75.15  | 91.10 | 104.04 | 132.32 | 131.80 | 130.00 | 125.35 | 123.44 | 124.09 | 115.38 | 116.62 | 122.93 | 153.51 | 193.91 | 180.97 | 169.35 | 150.00 | 134.06 | 115.00 | 95.50  |
| 61847 | -9.82  | 0.83   | 0.49   | 0.30   | 0.24   | 1.04  | -22.29 | 0.79   | 0.26   | 0.90   | 1.58   | 2.99   | 2.75   | 1.97   | 1.04   | 1.10   | 1.22   | 2.68   | 1.26   | 0.34   | 0.75   | 1.67   | 1.52   | 0.56   |
|       | -4.53  | -10.74 | -13.77 | -16.62 | -14.16 | 13.51 | -5.18  | 0.01   | 0.01   | 0.00   | -1.91  | -13.79 | -6.75  | -9.55  | -11.32 | 0.00   | 0.01   | 0.01   | 0.01   | 0.01   | 0.00   | -4.20  | -18.71 | -1.94  |
| WEST  | 79.92  | 65.42  | 57.85  | 55.80  | 58.06  | 94.46 | 94.80  | 116.14 | 116.01 | 112.57 | 109.00 | 103.54 | 107.83 | 99.00  | 93.14  | 106.60 | 133.10 | 170.00 | 159.40 | 149.07 | 131.79 | 110.46 | 89.20  | 81.27  |
| 61752 | -10.36 | -6.39  | -5.95  | -6.14  | -5.83  | -9.11 | -15.39 | -15.39 | -15.52 | -16.52 | -13.28 | -6.19  | -8.25  | -7.89  | -12.72 | -15.23 | -19.19 | -21.23 | -20.31 | -19.94 | -17.46 | -18.08 | -9.19  | -11.90 |
|       | -1.00  | -2.38  | -3.05  | -1.18  | -3.14  | 0.00  | 10.97  | 0.01   | 0.01   | 0.00   | -0.42  | -3.06  | -1.50  | -3.04  | -1.60  | 0.00   | 0.01   | 0.01   | 0.01   | 0.01   | 0.00   | -0.34  | -3.62  | -0.17  |