

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

07/19/2013

| Name<br>PTID<br>CAPITL<br>61757 | 00:00<br>EDT<br>61.66<br>3.75<br>0.00 | 01:00<br>EDT<br>57.70<br>3.43<br>0.00 | 02:00<br>EDT<br>42.58<br>2.61<br>0.00 | 03:00<br>EDT<br>33.86<br>2.02<br>0.00 | 04:00<br>EDT<br>39.43<br>2.34<br>0.00 | 05:00<br>EDT<br>41.26<br>2.60<br>-0.16 | 06:00<br>EDT<br>48.44<br>3.18<br>0.00 | 07:00<br>EDT<br>39.28<br>2.48<br>-2.74 | 08:00<br>EDT<br>49.28<br>3.33<br>-1.00 | 09:00<br>EDT<br>61.54<br>4.27<br>-3.11 | 10:00<br>EDT<br>83.57<br>6.04<br>-2.53 | 11:00<br>EDT<br>107.09<br>7.76<br>-4.85 | 12:00<br>EDT<br>105.56<br>4.42<br>-10.21 | 13:00<br>EDT<br>504.38<br>4.38<br>0.00 | 14:00<br>EDT<br>504.64<br>4.64<br>0.00 | 15:00<br>EDT<br>517.73<br>4.86<br>-12.87 | 16:00<br>EDT<br>593.75<br>11.61<br>-82.14 | 17:00<br>EDT<br>467.42<br>4.73<br>-1.15 | 18:00<br>EDT<br>70.00<br>4.84<br>-6.42 | 19:00<br>EDT<br>58.93<br>4.10<br>-4.18 | 20:00<br>EDT<br>49.85<br>3.37<br>-2.52 | 21:00<br>EDT<br>49.40<br>3.46<br>-1.17 | 22:00<br>EDT<br>43.84<br>2.82<br>-1.23 | 23:00<br>EDT<br>27.88<br>1.69<br>-2.44 |
|---------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--|---------------------------------------|--|--|--|--|---|--|--|--|--|---|---|--|--|--|--|--|--|
| CENTRL<br>61754                 | 58.20<br>0.28<br>0.00                 | 54.43<br>0.16<br>0.00                 | 40.02<br>0.05<br>0.00                 | 31.92<br>0.09<br>0.00                 | 37.18<br>0.08<br>0.00                 | 38.50<br>-0.02<br>-0.02                | 45.35<br>0.10<br>0.00                 | 34.42<br>0.36<br>0.00                  | 45.47<br>0.52<br>0.00                  | 54.89<br>0.58<br>-0.14                 | 76.07<br>0.54<br>-0.53                 | 95.66<br>0.75<br>-0.42                  | 91.64<br>0.71<br>0.00                    | 500.30<br>0.30<br>0.00                 | 500.21<br>0.21<br>0.00                 | 500.45<br>0.45<br>0.00                   | 505.08<br>1.60<br>-3.49                   | 461.97<br>0.43<br>0.00                  | 59.25<br>0.51<br>0.00                  | 51.22<br>0.56<br>0.00                  | 44.56<br>0.54<br>-0.05                 | 45.59<br>0.53<br>-0.29                 | 40.24<br>0.45<br>0.00                  | 23.98<br>0.23<br>0.00                  |
| DUNWOD<br>61760                 | 64.43<br>6.52<br>0.00                 | 60.18<br>5.90<br>0.00                 | 44.39<br>4.42<br>0.00                 | 35.38<br>3.55<br>0.00                 | 41.26<br>4.17<br>0.00                 | 43.16<br>4.54<br>-0.12                 | 50.87<br>5.61<br>0.00                 | 83.82<br>4.26<br>-45.51                | 66.93<br>5.47<br>-16.52                | 111.63<br>6.45<br>-51.00               | 125.23<br>8.82<br>-41.40               | 210.72<br>11.07<br>-105.16              | 506.31<br>6.31<br>-409.07                | 505.99<br>5.99<br>0.00                 | 506.43<br>6.43<br>0.00                 | 568.78<br>6.78<br>-62.00                 | 738.49<br>16.08<br>-222.41                | 486.79<br>6.53<br>-18.72                | 170.39<br>6.98<br>-104.67              | 124.31<br>5.92<br>-67.73               | 89.85<br>5.14<br>-40.75                | 69.21<br>5.47<br>-18.98                | 64.51<br>4.80<br>-19.91                | 66.36<br>2.92<br>-39.68                |
| GENESE<br>61753                 | 57.08<br>-0.83<br>0.00                | 53.69<br>-0.58<br>0.00                | 39.30<br>-0.67<br>0.00                | 31.23<br>-0.61<br>0.00                | 36.36<br>-0.74<br>0.00                | 37.68<br>-0.83<br>-0.01                | 44.58<br>-0.68<br>0.00                | 33.85<br>-0.22<br>0.00                 | 44.80<br>-0.15<br>0.00                 | 53.79<br>-0.35<br>0.04                 | 74.68<br>-0.70<br>-0.38                | 94.40<br>-0.38<br>-0.30                 | 91.36<br>0.43<br>0.00                    | 499.78<br>-0.22<br>0.00                | 499.52<br>-0.48<br>0.00                | 499.65<br>-0.35<br>0.00                  | 499.85<br>-0.15<br>0.00                   | 461.28<br>-0.27<br>0.00                 | 58.36<br>-0.38<br>0.00                 | 50.72<br>0.07<br>0.00                  | 44.02<br>-0.04<br>-0.09                | 45.03<br>-0.22<br>-0.49                | 39.51<br>-0.28<br>0.00                 | 23.57<br>-0.18<br>0.00                 |
| H Q<br>61844                    | 55.16<br>-1.68<br>2.10                | 52.75<br>-1.53<br>0.00                | 38.83<br>-1.15<br>0.00                | 30.90<br>-0.93<br>0.00                | 36.02<br>-1.08<br>0.00                | 37.92<br>-1.15<br>0.00                 | 45.62<br>-1.44<br>0.00                | 32.90<br>-1.16<br>0.00                 | 43.47<br>-1.47<br>0.00                 | 52.40<br>-1.77<br>0.00                 | 71.28<br>-2.49<br>2.41                 | 91.55<br>-2.94<br>0.00                  | 49.88<br>-1.77<br>39.28                  | 46.29<br>-1.70<br>452.01               | 52.85<br>-1.79<br>445.36               | 45.52<br>-1.67<br>337.98                 | 40.00<br>-4.03<br>66.79                   | 57.93<br>-1.93<br>292.88                | 56.77<br>-1.98<br>0.00                 | 48.94<br>-1.72<br>0.00                 | 42.54<br>-1.42<br>0.00                 | 43.26<br>-1.50<br>0.00                 | 38.54<br>-1.26<br>0.00                 | 32.52<br>-0.91<br>-5.00                |
| HUD VL<br>61758                 | 64.31<br>6.40<br>0.00                 | 60.05<br>5.78<br>0.00                 | 44.28<br>4.31<br>0.00                 | 35.28<br>3.45<br>0.00                 | 41.14<br>4.04<br>0.00                 | 43.01<br>4.39<br>-0.12                 | 50.64<br>5.38<br>0.00                 | 73.14<br>4.16<br>-34.92                | 63.02<br>5.41<br>-12.66                | 99.76<br>6.52<br>-39.07                | 115.90<br>9.17<br>-31.72               | 195.11<br>11.43<br>-89.19               | 506.52<br>6.52<br>-409.07                | 506.41<br>6.41<br>0.00                 | 506.78<br>6.78<br>0.00                 | 549.04<br>7.14<br>-41.90                 | 667.40<br>16.96<br>-150.44                | 482.90<br>6.91<br>-14.44                | 146.95<br>7.41<br>-80.79               | 109.18<br>6.28<br>-52.25               | 80.81<br>5.41<br>-31.44                | 65.11<br>5.70<br>-14.64                | 60.12<br>4.95<br>-15.37                | 57.30<br>2.88<br>-30.66                |
| LONGIL<br>61762                 | 131.42<br>8.14<br>-65.37              | 98.40<br>7.53<br>-36.60               | 143.77<br>5.61<br>-98.18              | 143.65<br>4.52<br>-107.30             | 42.29<br>5.20<br>0.00                 | 44.14<br>5.52<br>-0.12                 | 101.07<br>6.98<br>-48.83              | 84.99<br>5.29<br>-45.63                | 68.05<br>6.58<br>-16.52                | 112.49<br>7.31<br>-51.01               | 126.56<br>10.14<br>-41.41              | 212.17<br>12.51<br>-105.17              | 507.14<br>7.14<br>-409.07                | 506.90<br>6.90<br>0.00                 | 507.44<br>7.44<br>0.00                 | 569.79<br>7.74<br>-62.05                 | 740.68<br>18.17<br>-222.52                | 487.64<br>7.37<br>-18.72                | 171.57<br>8.14<br>-104.69              | 125.33<br>6.93<br>-67.74               | 116.97<br>5.95<br>-67.06               | 73.89<br>6.05<br>-23.07                | 67.83<br>5.24<br>-22.80                | 84.43<br>3.50<br>-57.18                |
| MHK VL<br>61756                 | 60.03<br>2.11<br>0.00                 | 56.14<br>1.87<br>0.00                 | 41.28<br>1.31<br>0.00                 | 32.87<br>1.04<br>0.00                 | 38.32<br>1.22<br>0.00                 | 39.78<br>1.26<br>-0.02                 | 47.15<br>1.64<br>-0.25                | 39.31<br>1.41<br>-3.84                 | 49.43<br>2.06<br>-2.43                 | 61.28<br>2.69<br>-4.43                 | 83.56<br>3.81<br>-4.74                 | 107.07<br>4.93<br>-7.64                 | 105.70<br>2.83<br>-11.94                 | 502.38<br>2.38<br>0.00                 | 502.53<br>2.53<br>0.00                 | 502.72<br>2.72<br>0.00                   | 506.74<br>6.43<br>-0.31                   | 465.46<br>2.49<br>-1.43                 | 69.22<br>2.65<br>-7.82                 | 58.62<br>2.29<br>-5.68                 | 49.90<br>1.97<br>-3.97                 | 49.51<br>1.95<br>-2.79                 | 44.36<br>1.70<br>-2.87                 | 28.29<br>0.92<br>-3.62                 |
| MILLWD<br>61759                 | 64.52<br>6.60<br>0.00                 | 60.24<br>5.97<br>0.00                 | 44.43<br>4.45<br>0.00                 | 35.38<br>3.54<br>0.00                 | 41.25<br>4.16<br>0.00                 | 43.13<br>4.51<br>-0.12                 | 50.84<br>5.58<br>0.00                 | 82.75<br>4.28<br>-44.40                | 66.61<br>5.56<br>-16.11                | 110.55<br>6.65<br>-49.74               | 124.56<br>9.19<br>-40.37               | 209.59<br>11.64<br>-103.46              | 506.66<br>6.66<br>-409.07                | 506.35<br>6.35<br>0.00                 | 506.86<br>6.86<br>0.00                 | 567.49<br>7.21<br>-60.28                 | 732.97<br>17.10<br>-215.88                | 486.75<br>6.95<br>-18.26                | 168.27<br>7.41<br>-102.12              | 123.01<br>6.28<br>-66.07               | 89.11<br>5.40<br>-39.75                | 68.99<br>5.71<br>-18.51                | 64.21<br>5.00<br>-19.42                | 65.45<br>3.01<br>-38.68                |
| N.Y.C.<br>61761                 | 67.08<br>6.88<br>-2.29                | 63.09<br>6.27<br>-2.55                | 58.72<br>4.71<br>-14.04               | 49.26<br>3.79<br>-13.64               | 51.48<br>4.45<br>-9.94                | 55.51<br>4.84<br>-12.17                | 59.90<br>6.03<br>-8.61                | 84.36<br>4.56<br>-45.74                | 72.27<br>5.90<br>-21.42                | 116.38<br>6.82<br>-55.38               | 127.10<br>9.30<br>-42.80               | 218.47<br>11.57<br>-112.41              | 506.60<br>6.60<br>-409.07                | 506.24<br>6.24<br>0.00                 | 506.72<br>6.72<br>0.00                 | 568.73<br>7.05<br>-61.68                 | 739.04<br>16.67<br>-222.37                | 486.97<br>6.71<br>-18.72                | 170.55<br>7.12<br>-104.68              | 176.56<br>6.11<br>-119.79              | 152.08<br>5.30<br>-102.81              | 82.38<br>5.69<br>-31.93                | 76.10<br>5.04<br>-31.27                | 84.75<br>3.07<br>-57.92                |
| NORTH<br>61755                  | 55.19<br>-2.72<br>0.00                | 51.89<br>-2.38<br>0.00                | 38.13<br>-1.84<br>0.00                | 30.32<br>-1.51<br>0.00                | 35.35<br>-1.74<br>0.00                | 36.56<br>-1.94<br>0.00                 | 41.26<br>-2.42<br>1.57                | 24.14<br>-2.16<br>7.76                 | 32.51<br>-2.66<br>9.77                 | 41.19<br>-3.16<br>9.81                 | 54.46<br>-4.18<br>16.35                | 68.55<br>-5.08<br>20.86                 | 72.23<br>-3.16<br>15.54                  | 496.80<br>-3.20<br>0.00                | 496.61<br>-3.39<br>0.00                | 496.25<br>-3.75<br>0.00                  | 490.58<br>-9.42<br>0.00                   | 457.09<br>-3.53<br>0.91                 | 50.91<br>-3.75<br>4.09                 | 39.79<br>-3.28<br>7.59                 | 32.53<br>-2.72<br>8.70                 | 30.51<br>-2.85<br>11.41                | 26.78<br>-2.32<br>10.70                | 17.65<br>-1.45<br>4.66                 |
| NPX<br>61845                    | 59.63<br>4.47<br>0.84                 | 58.45<br>4.18<br>0.00                 | 43.19<br>3.22<br>0.00                 | 34.39<br>2.56<br>0.00                 | 40.10<br>3.00<br>0.00                 | 41.72<br>3.28<br>0.03                  | 45.51<br>3.76<br>1.68                 | 56.84<br>2.97<br>-19.81                | 55.94<br>3.81<br>-7.19                 | 81.06<br>4.69<br>-22.20                | 99.44<br>6.41<br>-18.02                | 136.63<br>7.88<br>-34.26                | 134.98<br>4.28<br>-39.76                 | 272.44<br>4.39<br>231.94               | 145.70<br>4.67<br>358.97               | 281.00<br>3.49<br>-236.14                | 515.56<br>11.80<br>-3.76                  | 239.50<br>4.83<br>226.87                | 109.32<br>5.07<br>-45.51               | 84.41<br>4.31<br>-29.45                | 65.23<br>3.55<br>-17.72                | 56.76<br>3.75<br>-8.25                 | 53.87<br>3.96<br>-3.32                 | 52.76<br>3.25<br>-13.09                |

|               |       |       |       |       |       |       |       |        |       |        |        |        |        |        |        |        |        |        |        |        |        |       |       |        |
|---------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|
| OH<br>61846   | 49.18 | 51.57 | 37.76 | 30.01 | 34.94 | 36.05 | 39.61 | 32.07  | 42.12 | 49.60  | 66.10  | 84.49  | 50.43  | 59.78  | 50.29  | 54.64  | 90.21  | 52.85  | 53.91  | 47.19  | 40.96  | 40.52 | 44.31 | 39.95  |
|               | -4.76 | -2.70 | -2.21 | -1.83 | -2.16 | -2.40 | -2.13 | -1.99  | -2.83 | -4.04  | -6.59  | -8.16  | -3.86  | -4.56  | -5.24  | -5.05  | -10.41 | -4.70  | -4.83  | -3.47  | -2.71  | -2.71 | -2.81 | -2.27  |
|               | 2.07  | 0.00  | 0.00  | 0.00  | 0.00  | 0.03  | 1.68  | 0.00   | 0.00  | 0.53   | 2.31   | 1.84   | 36.65  | 435.66 | 444.47 | 440.31 | 399.38 | 403.99 | 0.00   | 0.00   | 0.29   | 1.53  | -0.52 | -5.80  |
| PJM<br>61847  | 58.30 | 55.58 | 40.86 | 32.56 | 37.98 | 40.13 | 46.51 | 54.79  | 53.39 | 77.93  | 94.61  | 130.37 | 130.56 | 196.28 | 117.06 | 177.06 | 384.37 | 189.19 | 105.16 | 81.11  | 62.80  | 54.68 | 47.92 | 49.15  |
|               | 1.45  | 1.30  | 0.88  | 0.73  | 0.89  | 0.90  | 1.25  | 1.14   | 1.34  | 1.47   | 1.68   | 1.52   | 1.19   | 0.67   | 0.53   | 0.85   | 5.05   | 1.04   | 1.31   | 1.27   | 1.24   | 1.53  | 1.42  | 0.89   |
|               | 2.10  | 0.00  | 0.00  | 0.00  | 0.00  | -0.16 | 0.00  | -19.58 | -7.11 | -22.29 | -16.75 | -34.37 | -38.44 | 304.38 | 383.48 | 208.97 | 54.05  | 164.58 | -45.11 | -29.19 | -17.60 | -8.39 | -6.62 | -19.82 |
| WEST<br>61752 | 55.29 | 52.23 | 38.19 | 30.29 | 35.27 | 36.47 | 43.16 | 32.54  | 42.86 | 52.26  | 73.18  | 90.83  | 88.14  | 496.39 | 495.88 | 496.14 | 536.61 | 458.00 | 55.13  | 48.28  | 42.53  | 44.64 | 38.56 | 22.88  |
|               | -2.62 | -2.04 | -1.79 | -1.54 | -1.82 | -2.05 | -2.10 | -1.52  | -2.09 | -3.09  | -5.18  | -6.34  | -2.79  | -3.61  | -4.12  | -3.86  | -7.50  | -3.55  | -3.61  | -2.38  | -1.73  | -1.71 | -1.23 | -0.87  |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.02 | 0.00  | 0.00   | 0.00  | -1.19  | -3.36  | -2.68  | 0.00   | 0.00   | 0.00   | 0.00   | -44.11 | 0.00   | 0.00   | 0.00   | -0.30  | -1.59 | 0.00  | 0.00   |