

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

02/17/2013

| Name<br>PTID<br>CAPITL<br>61757 | 00:00<br>EST<br>37.01<br>2.43<br>-2.54<br>N | 01:00<br>EST<br>37.83<br>2.44<br>-3.34<br>N | 02:00<br>EST<br>34.59<br>2.32<br>-1.67<br>N | 03:00<br>EST<br>33.40<br>2.33<br>0.00<br>N | 04:00<br>EST<br>33.33<br>2.33<br>0.00<br>N | 05:00<br>EST<br>26.77<br>1.84<br>0.00<br>N | 06:00<br>EST<br>31.14<br>2.17<br>0.00<br>N | 07:00<br>EST<br>33.37<br>2.38<br>-0.04<br>N | 08:00<br>EST<br>37.00<br>2.51<br>-3.04<br>N | 09:00<br>EST<br>81.56<br>1.35<br>-63.83<br>N | 10:00<br>EST<br>129.12<br>0.80<br>-118.56<br>N | 11:00<br>EST<br>108.70<br>1.03<br>-95.11<br>N | 12:00<br>EST<br>123.47<br>0.94<br>-110.99<br>N | 13:00<br>EST<br>127.61<br>0.59<br>-119.79<br>N | 14:00<br>EST<br>132.27<br>0.51<br>-125.46<br>N | 15:00<br>EST<br>135.49<br>0.36<br>-130.69<br>N | 16:00<br>EST<br>125.57<br>0.42<br>-119.90<br>N | 17:00<br>EST<br>112.54<br>0.65<br>-103.91<br>N | 18:00<br>EST<br>100.19<br>1.34<br>-83.02<br>N | 19:00<br>EST<br>139.52<br>0.95<br>-127.08<br>N | 20:00<br>EST<br>136.69<br>0.93<br>-124.24<br>N | 21:00<br>EST<br>121.14<br>0.98<br>-107.75<br>N | 22:00<br>EST<br>51.49<br>1.46<br>-31.28<br>N | 23:00<br>EST<br>184.58<br>0.02<br>-184.30<br>N |
|---------------------------------|---|---|---|--|--|--|--|---|---|--|--|---|--|--|--|--|--|--|---|--|--|--|--|--|
| CENTRL<br>61754                 | 32.34<br>0.00<br>-0.30<br>N                 | 32.44<br>-0.01<br>-0.40<br>N                | 30.81<br>0.02<br>-0.20<br>N                 | 31.07<br>0.01<br>0.00<br>N                 | 31.05<br>0.04<br>0.00<br>N                 | 24.90<br>-0.02<br>0.00<br>N                | 29.02<br>0.05<br>0.00<br>N                 | 31.01<br>0.04<br>0.00<br>N                  | 31.75<br>-0.07<br>-0.36<br>N                | 23.97<br>-0.07<br>-7.64<br>N                 | 23.88<br>-0.06<br>-14.18<br>N                  | 23.86<br>-0.08<br>-11.38<br>N                 | 24.71<br>-0.11<br>-13.27<br>N                  | 21.45<br>-0.05<br>-14.27<br>N                  | 21.16<br>-0.06<br>-14.91<br>N                  | 19.93<br>-0.02<br>-15.51<br>N                  | 19.47<br>-0.03<br>-14.25<br>N                  | 20.32<br>-0.01<br>-12.36<br>N                  | 25.68<br>-0.03<br>-9.87<br>N                  | 26.56<br>-0.03<br>-15.09<br>N                  | 26.23<br>-0.04<br>-14.74<br>N                  | 25.16<br>-0.08<br>-12.83<br>N                  | 22.36<br>-0.11<br>-3.73<br>N                 | 22.19<br>0.00<br>-21.93<br>N                   |
| DUNWOD<br>61760                 | 36.63<br>2.67<br>-1.93<br>N                 | 37.22<br>2.64<br>-2.53<br>N                 | 34.28<br>2.41<br>-1.27<br>N                 | 33.51<br>2.45<br>0.00<br>N                 | 33.43<br>2.43<br>0.00<br>N                 | 26.88<br>1.95<br>0.00<br>N                 | 31.28<br>2.30<br>0.00<br>N                 | 33.50<br>2.51<br>-0.03<br>N                 | 36.34<br>2.59<br>-2.30<br>N                 | 65.98<br>1.39<br>-48.19<br>N                 | 100.08<br>0.82<br>-89.50<br>N                  | 85.45<br>1.08<br>-71.81<br>N                  | 96.33<br>1.00<br>-83.79<br>N                   | 98.31<br>0.63<br>-90.45<br>N                   | 101.60<br>0.55<br>-94.73<br>N                  | 103.53<br>0.40<br>-98.69<br>N                  | 96.30<br>0.49<br>-90.56<br>N                   | 87.17<br>0.76<br>-78.42<br>N                   | 79.93<br>1.54<br>-62.57<br>N                  | 108.34<br>1.10<br>-95.75<br>N                  | 106.23<br>1.11<br>-93.60<br>N                  | 94.83<br>1.21<br>-81.21<br>N                   | 44.15<br>1.83<br>-23.58<br>N                 | 139.24<br>0.02<br>-138.96<br>N                 |
| GENESE<br>61753                 | 31.75<br>-0.54<br>-0.24<br>N                | 31.73<br>-0.63<br>-0.32<br>N                | 30.23<br>-0.52<br>-0.16<br>N                | 30.58<br>-0.49<br>0.00<br>N                | 30.60<br>-0.41<br>0.00<br>N                | 24.57<br>-0.35<br>0.00<br>N                | 28.63<br>-0.34<br>0.00<br>N                | 30.41<br>-0.55<br>0.00<br>N                 | 30.99<br>-0.75<br>-0.28<br>N                | 21.87<br>-0.50<br>-5.98<br>N                 | 20.53<br>-0.34<br>-11.13<br>N                  | 21.06<br>-0.44<br>-8.93<br>N                  | 21.55<br>-0.42<br>-10.42<br>N                  | 18.24<br>-0.22<br>-11.25<br>N                  | 17.86<br>-0.22<br>-11.78<br>N                  | 16.59<br>-0.12<br>-12.27<br>N                  | 16.35<br>-0.16<br>-11.26<br>N                  | 17.55<br>-0.18<br>-9.75<br>N                   | 23.26<br>-0.37<br>-7.80<br>N                  | 23.12<br>-0.32<br>-11.95<br>N                  | 22.86<br>-0.34<br>-11.68<br>N                  | 22.13<br>-0.41<br>-10.13<br>N                  | 21.13<br>-0.56<br>-2.94<br>N                 | 17.59<br>-0.01<br>-17.34<br>N                  |
| H Q<br>61844                    | 31.40<br>-0.65<br>0.00<br>N                 | 31.39<br>-0.66<br>0.00<br>N                 | 29.95<br>-0.64<br>0.00<br>N                 | 30.41<br>-0.65<br>0.00<br>N                | 30.35<br>-0.65<br>0.00<br>N                | 24.46<br>-0.46<br>0.00<br>N                | 28.41<br>-0.56<br>0.00<br>N                | 30.34<br>-0.62<br>0.00<br>N                 | 30.85<br>-0.61<br>0.00<br>N                 | 16.05<br>-0.34<br>0.00<br>N                  | 9.56<br>-0.19<br>0.00<br>N                     | 12.33<br>-0.24<br>0.00<br>N                   | 11.33<br>-0.21<br>0.00<br>N                    | 7.09<br>-0.14<br>0.00<br>N                     | 6.19<br>-0.12<br>0.00<br>N                     | 4.35<br>-0.09<br>0.00<br>N                     | 5.15<br>-0.11<br>0.00<br>N                     | 7.79<br>-0.19<br>0.00<br>N                     | 15.46<br>-0.37<br>0.00<br>N                   | 11.22<br>-0.27<br>0.00<br>N                    | 11.25<br>-0.27<br>0.00<br>N                    | 12.13<br>-0.27<br>0.00<br>N                    | 18.36<br>-0.39<br>0.00<br>N                  | 0.25<br>-0.01<br>0.00<br>N                     |
| HUD VL<br>61758                 | 36.67<br>2.71<br>-1.91<br>N                 | 37.25<br>2.69<br>-2.52<br>N                 | 34.34<br>2.49<br>-1.26<br>N                 | 33.59<br>2.53<br>0.00<br>N                 | 33.52<br>2.52<br>0.00<br>N                 | 26.95<br>2.02<br>0.00<br>N                 | 31.36<br>2.39<br>0.00<br>N                 | 33.59<br>2.60<br>-0.03<br>N                 | 36.44<br>2.70<br>-2.29<br>N                 | 65.84<br>1.45<br>-48.00<br>N                 | 99.78<br>0.85<br>-89.17<br>N                   | 85.19<br>1.11<br>-71.52<br>N                  | 95.99<br>1.02<br>-83.43<br>N                   | 97.91<br>0.64<br>-90.04<br>N                   | 101.16<br>0.55<br>-94.30<br>N                  | 103.05<br>0.39<br>-98.22<br>N                  | 95.87<br>0.49<br>-90.13<br>N                   | 86.76<br>0.76<br>-78.02<br>N                   | 79.52<br>1.54<br>-62.15<br>N                  | 107.69<br>1.10<br>-95.09<br>N                  | 105.57<br>1.11<br>-92.94<br>N                  | 94.21<br>1.19<br>-80.61<br>N                   | 43.94<br>1.79<br>-23.40<br>N                 | 138.21<br>0.02<br>-137.92<br>N                 |
| LONGIL<br>61762                 | 54.32<br>3.90<br>-18.38<br>N                | 38.34<br>3.76<br>-2.53<br>N                 | 49.55<br>3.52<br>-15.44<br>N                | 47.25<br>3.58<br>-12.61<br>N               | 40.37<br>3.59<br>-5.78<br>N                | 56.63<br>2.87<br>-28.83<br>N               | 56.86<br>3.41<br>-24.48<br>N               | 157.30<br>3.71<br>-122.63<br>N              | 85.04<br>3.84<br>-49.74<br>N                | 281.95<br>2.05<br>-263.50<br>N               | 112.57<br>1.20<br>-101.61<br>N                 | 371.22<br>1.57<br>-357.08<br>N                | 286.25<br>1.45<br>-273.26<br>N                 | 119.24<br>0.91<br>-111.10<br>N                 | 109.11<br>0.79<br>-102.01<br>N                 | 107.97<br>0.57<br>-102.96<br>N                 | 153.58<br>0.69<br>-147.63<br>N                 | 87.43<br>1.04<br>-78.41<br>N                   | 101.18<br>2.19<br>-83.16<br>N                 | 118.43<br>1.57<br>-105.37<br>N                 | 107.99<br>1.56<br>-94.91<br>N                  | 95.28<br>1.69<br>-81.19<br>N                   | 47.66<br>2.52<br>-26.40<br>N                 | 172.26<br>0.02<br>-171.98<br>N                 |
| MHK VL<br>61756                 | 33.47<br>1.11<br>-0.32<br>N                 | 33.56<br>1.09<br>-0.43<br>N                 | 31.86<br>1.05<br>-0.21<br>N                 | 32.12<br>1.06<br>0.00<br>N                 | 32.02<br>1.01<br>0.00<br>N                 | 25.79<br>0.86<br>0.00<br>N                 | 30.01<br>1.04<br>0.00<br>N                 | 32.11<br>1.15<br>0.00<br>N                  | 33.05<br>1.22<br>-0.38<br>N                 | 25.04<br>0.63<br>-8.02<br>N                  | 24.88<br>0.37<br>-14.75<br>N                   | 24.83<br>0.46<br>-11.80<br>N                  | 25.66<br>0.42<br>-13.70<br>N                   | 22.24<br>0.25<br>-14.75<br>N                   | 22.01<br>0.22<br>-15.48<br>N                   | 20.81<br>0.16<br>-16.21<br>N                   | 20.39<br>0.19<br>-14.94<br>N                   | 21.13<br>0.30<br>-12.86<br>N                   | 26.72<br>0.63<br>-10.25<br>N                  | 27.67<br>0.46<br>-15.71<br>N                   | 27.46<br>0.45<br>-15.49<br>N                   | 26.42<br>0.46<br>-13.56<br>N                   | 23.41<br>0.67<br>-3.99<br>N                  | 24.04<br>0.00<br>-23.77<br>N                   |
| MILLWD<br>61759                 | 36.70<br>2.71<br>-1.94<br>N                 | 37.29<br>2.69<br>-2.55<br>N                 | 34.34<br>2.47<br>-1.28<br>N                 | 33.57<br>2.50<br>0.00<br>N                 | 33.49<br>2.49<br>0.00<br>N                 | 26.93<br>2.01<br>0.00<br>N                 | 31.35<br>2.37<br>0.00<br>N                 | 33.59<br>2.60<br>-0.03<br>N                 | 36.46<br>2.69<br>-2.32<br>N                 | 66.48<br>1.45<br>-48.64<br>N                 | 100.95<br>0.86<br>-90.33<br>N                  | 86.16<br>1.13<br>-72.47<br>N                  | 97.12<br>1.04<br>-84.54<br>N                   | 99.13<br>0.65<br>-91.24<br>N                   | 102.43<br>0.57<br>-95.55<br>N                  | 104.39<br>0.41<br>-99.54<br>N                  | 97.10<br>0.51<br>-91.34<br>N                   | 87.87<br>0.80<br>-79.10<br>N                   | 80.54<br>1.61<br>-63.10<br>N                  | 109.22<br>1.15<br>-96.58<br>N                  | 107.09<br>1.16<br>-94.41<br>N                  | 95.57<br>1.25<br>-81.91<br>N                   | 44.41<br>1.87<br>-23.79<br>N                 | 140.49<br>0.02<br>-140.21<br>N                 |
| N.Y.C.<br>61761                 | 36.75<br>2.78<br>-1.93<br>N                 | 37.34<br>2.76<br>-2.53<br>N                 | 34.38<br>2.52<br>-1.27<br>N                 | 33.61<br>2.55<br>0.00<br>N                 | 33.52<br>2.51<br>0.00<br>N                 | 26.97<br>2.04<br>0.00<br>N                 | 31.38<br>2.41<br>0.00<br>N                 | 33.60<br>2.62<br>-0.03<br>N                 | 36.44<br>2.69<br>-2.30<br>N                 | 66.03<br>1.44<br>-48.19<br>N                 | 100.12<br>0.86<br>-89.50<br>N                  | 85.50<br>1.13<br>-71.81<br>N                  | 96.39<br>1.06<br>-83.79<br>N                   | 98.35<br>0.67<br>-90.45<br>N                   | 101.63<br>0.58<br>-94.73<br>N                  | 103.55<br>0.42<br>-98.69<br>N                  | 96.34<br>0.52<br>-90.56<br>N                   | 87.22<br>0.82<br>-78.42<br>N                   | 80.02<br>1.62<br>-62.56<br>N                  | 108.40<br>1.16<br>-95.74<br>N                  | 106.29<br>1.17<br>-93.60<br>N                  | 94.90<br>1.29<br>-81.20<br>N                   | 44.28<br>1.95<br>-23.58<br>N                 | 139.25<br>0.03<br>-138.96<br>N                 |

|                |       |       |       |       |       |       |       |       |        |        |         |         |         |         |         |         |         |        |        |         |         |        |        |         |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|---------|---------|--------|--------|---------|
| NORTH<br>61755 | 31.23 | 31.20 | 29.72 | 30.20 | 30.15 | 24.43 | 28.35 | 30.23 | 30.79  | 15.94  | 8.79    | 3.57    | 1.81    | -1.43   | -2.05   | -3.45   | -2.79   | -0.90  | 4.54   | 1.21    | 1.26    | 1.99   | 6.85   | -6.97   |
|                | -0.81 | -0.85 | -0.87 | -0.87 | -0.86 | -0.49 | -0.63 | -0.73 | -0.67  | -0.45  | -0.25   | -0.29   | -0.25   | -0.19   | -0.14   | -0.13   | -0.14   | -0.31  | -0.60  | -0.44   | -0.43   | -0.42  | -0.57  | -0.01   |
|                | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.72    | 8.71    | 9.48    | 8.48    | 8.22    | 7.77    | 7.90    | 8.56   | 10.70  | 9.85    | 9.83    | 9.99   | 11.33  | 7.23    |
|                | 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   | 36.87 | 37.64 | 34.58 | 33.61 | 33.50 | 26.91 | 31.25 | 33.51 | 55.00  | 70.13  | 116.47  | 172.07  | 154.26  | 141.01  | 134.34  | 135.20  | 112.84  | 101.48 | 91.32  | 125.87  | 123.35  | 109.64 | 48.28  | 164.84  |
|                | 2.55  | 2.59  | 2.48  | 2.54  | 2.50  | 1.98  | 2.28  | 2.52  | 2.33   | 1.39   | 0.84    | 0.71    | 0.41    | 0.58    | 1.15    | 0.63    | 0.46    | 0.70   | 1.40   | 0.99    | 0.99    | 1.08   | 1.61   | 0.02    |
|                | -2.28 | -2.99 | -1.50 | 0.00  | 0.00  | 0.00  | 0.00  | -0.03 | -24.69 | -52.26 | -105.88 | -162.87 | -149.18 | -133.70 | -119.55 | -127.26 | -107.13 | -92.81 | -74.09 | -113.38 | -110.84 | -96.16 | -27.92 | -164.56 |
|                | 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   | 30.77 | 30.86 | 29.38 | 29.64 | 29.67 | 23.65 | 27.56 | 29.23 | 29.71  | 23.01  | 23.64   | 23.27   | 24.28   | 21.51   | 21.35   | 20.37   | 19.74   | 20.26  | 24.69  | 26.20   | 25.86   | 24.60  | 21.02  | 23.21   |
|                | -1.60 | -1.61 | -1.42 | -1.43 | -1.33 | -1.28 | -1.41 | -1.73 | -2.13  | -1.35  | -0.90   | -1.16   | -1.10   | -0.66   | -0.60   | -0.37   | -0.48   | -0.67  | -1.48  | -1.12   | -1.13   | -1.23  | -1.63  | -0.02   |
|                | -0.32 | -0.42 | -0.21 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.38  | -7.96  | -14.79  | -11.86  | -13.84  | -14.94  | -15.65  | -16.30  | -14.96  | -12.96 | -10.34 | -15.83  | -15.47  | -13.42 | -3.90  | -22.97  |
|                | 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   | 32.76 | 33.06 | 31.05 | 30.92 | 30.93 | 24.66 | 28.74 | 30.79 | 32.05  | 37.18  | 48.68   | 43.66   | 37.37   | 41.41   | 44.48   | 43.43   | 33.00   | 35.83  | 41.41  | 46.82   | 52.19   | 47.61  | 28.69  | 61.07   |
|                | -0.13 | -0.09 | -0.10 | -0.14 | -0.08 | -0.27 | -0.23 | -0.18 | -0.41  | -0.31  | -0.25   | -0.32   | -0.28   | -0.18   | -0.36   | -0.14   | -0.13   | -0.20  | -0.14  | -0.36   | -0.29   | -0.33  | -0.38  | 0.00    |
|                | -0.84 | -1.11 | -0.55 | 0.00  | 0.00  | 0.00  | 0.00  | -0.01 | -1.00  | -21.09 | -39.17  | -31.43  | -27.53  | -34.22  | -34.79  | -37.75  | -28.10  | -26.77 | -36.84 | -34.16  | -40.96  | -35.54 | -10.32 | -60.81  |
|                | N     | N     | N     | N     | N     | N     | N     | N     | N      | N      | N       | N       | N       | N       | N       | N       | N       | N      | N      | N       | N       | N      | N      | N       |
| WEST<br>61752  | 31.30 | 31.37 | 29.87 | 30.14 | 30.16 | 24.01 | 27.95 | 29.60 | 30.11  | 23.02  | 23.44   | 23.15   | 24.10   | 21.25   | 21.06   | 20.05   | 19.46   | 20.05  | 24.60  | 25.95   | 25.64   | 24.43  | 21.17  | 22.71   |
|                | -1.05 | -1.09 | -0.92 | -0.92 | -0.85 | -0.92 | -1.03 | -1.36 | -1.71  | -1.16  | -0.79   | -1.02   | -0.99   | -0.60   | -0.56   | -0.34   | -0.42   | -0.59  | -1.35  | -1.03   | -1.02   | -1.11  | -1.39  | -0.02   |
|                | -0.31 | -0.41 | -0.20 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.37  | -7.79  | -14.47  | -11.61  | -13.54  | -14.62  | -15.31  | -15.95  | -14.62  | -12.67 | -10.12 | -15.49  | -15.14  | -13.13 | -3.81  | -22.46  |
|                | N     | N     | N     | N     | N     | N     | N     | N     | N      | N      | N       | N       | N       | N       | N       | N       | N       | N      | N      | N       | N       | N      | N      | N       |