

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

02/25/2015

| 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 | 169.23<br>2.10<br>-139.42 | 198.87<br>0.67<br>-189.51 | 231.26<br>0.83<br>-219.92 | 217.76<br>0.65<br>-209.00 | 228.37<br>0.47<br>-221.75 | 231.70<br>1.70<br>-208.84 | 261.49<br>0.89<br>-249.54 | 242.87<br>1.48<br>-222.95 | 211.61<br>1.02<br>-197.78 | 186.90<br>0.92<br>-174.26 | 247.40<br>-0.01<br>-247.52 | 167.62<br>1.02<br>-154.33 | 149.32<br>0.40<br>-144.02 | 161.39<br>0.63<br>-153.19 | 130.08<br>1.95<br>-104.30 | 120.43<br>1.79<br>-96.76  | 125.62<br>2.04<br>-98.46  | 101.32<br>1.59<br>-80.40  | 130.47<br>3.18<br>-89.52  | 179.44<br>3.45<br>-134.30 | 150.93<br>2.68<br>-115.67 | 102.98<br>3.14<br>-60.83 | 84.82<br>2.22<br>-54.92 | 75.53<br>2.67<br>-39.25 |
| CENTRL<br>61754 | 44.12<br>-0.24<br>-16.66  | 31.22<br>-0.11<br>-22.65  | 36.73<br>-0.06<br>-26.28  | 33.12<br>-0.05<br>-25.06  | 32.72<br>-0.05<br>-26.62  | 46.15<br>-0.05<br>-25.01  | 40.90<br>0.03<br>-29.81   | 45.04<br>0.03<br>-26.69   | 36.42<br>-0.06<br>-23.67  | 32.46<br>-0.05<br>-20.79  | 29.36<br>0.01<br>-29.47    | 30.60<br>-0.02<br>-18.35  | 22.01<br>0.01<br>-17.10   | 25.76<br>0.02<br>-18.17   | 36.28<br>0.10<br>-12.35   | 33.46<br>0.13<br>-11.45   | 36.84<br>0.10<br>-11.62   | 28.85<br>0.05<br>-9.48    | 48.63<br>0.35<br>-10.51   | 57.71<br>0.22<br>-15.80   | 46.31<br>0.10<br>-13.63   | 46.29<br>0.11<br>-7.17   | 34.18<br>0.04<br>-6.46  | 38.21<br>-0.02<br>-4.62 |
| DUNWOD<br>61760 | 135.88<br>2.43<br>-105.74 | 153.05<br>0.68<br>-143.69 | 178.02<br>0.84<br>-166.66 | 166.20<br>0.61<br>-157.48 | 174.80<br>0.48<br>-168.18 | 181.21<br>1.75<br>-158.31 | 199.85<br>1.04<br>-187.74 | 187.29<br>1.78<br>-167.06 | 162.29<br>1.29<br>-148.19 | 143.49<br>1.20<br>-130.58 | 185.35<br>-0.01<br>-185.48 | 129.00<br>1.16<br>-115.58 | 113.10<br>0.45<br>-107.75 | 122.86<br>0.70<br>-114.59 | 104.20<br>2.33<br>-78.04  | 95.86<br>2.19<br>-71.79   | 100.64<br>2.47<br>-73.05  | 80.86<br>1.85<br>-59.68   | 108.01<br>3.79<br>-66.45  | 145.48<br>4.10<br>-99.69  | 121.53<br>3.07<br>-85.88  | 87.88<br>3.69<br>-45.17  | 70.92<br>2.44<br>-40.80 | 65.35<br>2.58<br>-29.17 |
| GENESE<br>61753 | 39.82<br>-0.92<br>-13.03  | 26.08<br>-0.33<br>-17.72  | 30.78<br>-0.31<br>-20.58  | 27.47<br>-0.19<br>-19.54  | 26.72<br>-0.17<br>-20.75  | 40.33<br>-0.37<br>-19.53  | 34.10<br>-0.20<br>-23.24  | 38.35<br>-0.78<br>-20.69  | 30.60<br>-0.57<br>-18.36  | 27.42<br>-0.47<br>-16.17  | 22.88<br>0.04<br>-22.97    | 26.23<br>-0.34<br>-14.30  | 18.12<br>-0.11<br>-13.33  | 21.63<br>-0.11<br>-14.17  | 33.17<br>-0.31<br>-9.65   | 30.59<br>-0.23<br>-8.94   | 33.77<br>-0.44<br>-9.09   | 26.34<br>-0.41<br>-7.43   | 45.41<br>-0.67<br>-8.30   | 52.98<br>-1.17<br>-12.45  | 42.43<br>-0.88<br>-10.73  | 43.52<br>-1.14<br>-5.65  | 32.05<br>-0.72<br>-5.10 | 36.41<br>-0.85<br>-3.65 |
| H Q<br>61844    | 29.21<br>-0.50<br>-2.01   | 7.24<br>-0.13<br>1.31     | 12.94<br>-0.19<br>-2.61   | 7.96<br>-0.15<br>0.00     | -4.58<br>-0.11<br>10.60   | 20.68<br>-0.47<br>0.00    | 10.81<br>-0.25<br>0.00    | 11.90<br>-0.36<br>6.18    | 24.58<br>-0.30<br>-12.06  | 6.56<br>-0.30<br>4.87     | -16.54<br>0.00<br>16.43    | 11.98<br>-0.28<br>0.00    | 4.81<br>-0.12<br>-0.04    | 12.16<br>-0.20<br>-4.79   | 23.19<br>-0.64<br>0.00    | 21.27<br>-0.61<br>0.00    | 13.78<br>-0.65<br>10.68   | 18.84<br>-0.48<br>0.00    | 87.17<br>-1.05<br>-50.45  | 32.25<br>-1.07<br>8.37    | 37.90<br>-0.78<br>-6.10   | 36.59<br>-0.91<br>1.52   | 27.06<br>-0.62<br>0.00  | 34.85<br>-0.69<br>-1.93 |
| HUD VL<br>61758 | 134.85<br>2.43<br>-104.72 | 151.72<br>0.69<br>-142.34 | 176.62<br>0.86<br>-165.25 | 165.48<br>0.64<br>-156.73 | 173.38<br>0.50<br>-166.74 | 179.92<br>1.81<br>-156.96 | 198.34<br>1.04<br>-186.24 | 185.94<br>1.78<br>-165.72 | 161.07<br>1.26<br>-147.00 | 142.35<br>1.16<br>-129.47 | 183.73<br>-0.01<br>-183.85 | 127.94<br>1.13<br>-114.54 | 112.15<br>0.45<br>-106.81 | 121.86<br>0.69<br>-113.61 | 103.46<br>2.28<br>-77.36  | 95.51<br>2.11<br>-71.52   | 100.29<br>2.39<br>-72.77  | 80.59<br>1.80<br>-59.47   | 107.71<br>3.71<br>-66.22  | 145.08<br>4.03<br>-99.35  | 121.24<br>3.07<br>-85.59  | 87.72<br>3.68<br>-45.02  | 70.78<br>2.45<br>-40.66 | 65.34<br>2.67<br>-29.07 |
| LONGIL<br>61762 | 145.57<br>2.97<br>-114.88 | 162.80<br>0.79<br>-153.33 | 180.97<br>1.04<br>-169.41 | 166.53<br>0.76<br>-157.66 | 181.31<br>0.59<br>-174.58 | 181.82<br>2.22<br>-158.44 | 200.32<br>1.36<br>-187.90 | 192.77<br>2.17<br>-172.15 | 168.63<br>1.59<br>-154.23 | 149.26<br>1.57<br>-135.96 | 187.25<br>-0.03<br>-187.40 | 129.42<br>1.48<br>-115.67 | 113.33<br>0.59<br>-107.84 | 129.02<br>0.94<br>-120.51 | 123.18<br>3.02<br>-96.33  | 168.90<br>2.79<br>-144.23 | 140.61<br>3.21<br>-112.29 | 181.35<br>2.39<br>-159.64 | 249.11<br>4.83<br>-206.51 | 204.07<br>5.35<br>-157.03 | 138.99<br>4.02<br>-102.39 | 128.63<br>4.86<br>-84.76 | 73.62<br>3.27<br>-42.68 | 70.55<br>3.39<br>-33.55 |
| MHK VL<br>61756 | 48.38<br>0.97<br>-19.70   | 36.21<br>0.30<br>-27.23   | 42.73<br>0.40<br>-31.81   | 38.37<br>0.29<br>-29.98   | 38.32<br>0.22<br>-31.95   | 51.90<br>0.87<br>-29.88   | 46.63<br>0.49<br>-35.07   | 50.13<br>0.81<br>-30.87   | 40.39<br>0.57<br>-27.01   | 35.67<br>0.49<br>-23.46   | 32.82<br>-0.01<br>-32.94   | 33.03<br>0.51<br>-20.26   | 23.82<br>0.20<br>-18.72   | 27.63<br>0.31<br>-19.76   | 38.12<br>0.97<br>-13.32   | 34.97<br>0.89<br>-12.20   | 38.49<br>1.00<br>-12.37   | 30.25<br>0.79<br>-10.13   | 50.95<br>1.80<br>-11.39   | 60.72<br>1.92<br>-17.11   | 48.86<br>1.48<br>-14.80   | 48.65<br>1.76<br>-7.88   | 36.05<br>1.17<br>-7.21  | 40.15<br>1.32<br>-5.23  |
| MILLWD<br>61759 | 136.83<br>2.51<br>-106.60 | 154.25<br>0.70<br>-144.86 | 179.47<br>0.88<br>-168.08 | 167.95<br>0.64<br>-159.20 | 176.21<br>0.51<br>-169.56 | 182.61<br>1.84<br>-159.61 | 201.48<br>1.09<br>-189.33 | 188.86<br>1.87<br>-168.54 | 163.65<br>1.33<br>-149.50 | 144.66<br>1.23<br>-131.72 | 186.93<br>-0.02<br>-187.06 | 129.98<br>1.19<br>-116.53 | 114.01<br>0.46<br>-108.65 | 123.91<br>0.71<br>-115.64 | 104.95<br>2.37<br>-78.75  | 96.74<br>2.22<br>-72.64   | 101.54<br>2.52<br>-73.91  | 81.61<br>1.90<br>-60.38   | 108.91<br>3.90<br>-67.23  | 146.78<br>4.24<br>-100.86 | 122.65<br>3.19<br>-86.89  | 88.54<br>3.81<br>-45.71  | 71.48<br>2.52<br>-41.29 | 65.80<br>2.68<br>-29.52 |
| N.Y.C.<br>61761 | 136.11<br>2.60<br>-105.80 | 153.17<br>0.71<br>-143.77 | 178.16<br>0.88<br>-166.77 | 166.35<br>0.62<br>-157.61 | 174.92<br>0.50<br>-168.28 | 181.36<br>1.79<br>-158.41 | 200.02<br>1.10<br>-187.86 | 187.53<br>1.92<br>-167.17 | 162.49<br>1.40<br>-148.28 | 143.68<br>1.30<br>-130.66 | 185.46<br>-0.02<br>-185.60 | 129.16<br>1.24<br>-115.65 | 113.20<br>0.48<br>-107.82 | 122.97<br>0.74<br>-114.67 | 104.42<br>2.50<br>-78.09  | 96.09<br>2.34<br>-71.86   | 100.87<br>2.64<br>-73.12  | 81.04<br>1.97<br>-59.74   | 108.31<br>4.02<br>-66.52  | 145.82<br>4.34<br>-99.78  | 121.78<br>3.24<br>-85.96  | 88.13<br>3.90<br>-45.22  | 71.11<br>2.60<br>-40.84 | 65.47<br>2.67<br>-29.19 |
| NORTH<br>61755  | 27.27<br>-0.44<br>0.00    | 8.63<br>-0.05<br>0.00     | 10.44<br>-0.08<br>0.00    | 8.03<br>-0.08<br>0.00     | 6.07<br>-0.07<br>0.00     | 20.72<br>-0.44<br>0.00    | 10.78<br>-0.28<br>0.00    | 18.05<br>-0.40<br>0.00    | 12.38<br>-0.43<br>0.00    | 11.31<br>-0.41<br>0.00    | -0.11<br>0.00<br>0.00      | 11.86<br>-0.41<br>0.00    | 4.69<br>-0.21<br>0.00     | 7.23<br>-0.34<br>0.00     | 22.81<br>-1.02<br>0.00    | 20.91<br>-0.97<br>0.00    | 24.13<br>-0.99<br>0.00    | 18.60<br>-0.72<br>0.00    | 36.19<br>-1.58<br>0.00    | 40.05<br>-1.65<br>0.00    | 31.66<br>-0.92<br>0.00    | 38.37<br>-0.64<br>0.00   | 27.42<br>-0.25<br>0.00  | 33.40<br>-0.21<br>0.00  |
| NPX<br>61845    | 154.75<br>2.09<br>-124.95 | 179.14<br>0.66<br>-169.79 | 210.28<br>0.81<br>-198.95 | 196.14<br>0.63<br>-187.40 | 205.34<br>0.47<br>-198.74 | 209.87<br>1.64<br>-187.07 | 232.66<br>0.85<br>-220.75 | 218.64<br>1.41<br>-198.78 | 189.14<br>0.98<br>-175.35 | 164.20<br>0.90<br>-151.58 | 215.44<br>-0.01<br>-215.57 | 147.43<br>0.98<br>-134.17 | 133.40<br>0.39<br>-128.11 | 151.86<br>0.63<br>-143.66 | 120.41<br>2.00<br>-94.59  | 122.02<br>1.84<br>-98.29  | 115.53<br>2.07<br>-88.35  | 90.88<br>1.55<br>-70.00   | 118.76<br>3.05<br>-77.94  | 177.16<br>3.37<br>-132.10 | 142.44<br>2.63<br>-107.23 | 98.60<br>3.12<br>-56.47  | 77.74<br>2.22<br>-47.85 | 71.28<br>2.62<br>-35.04 |

|               |        |        |         |         |         |         |         |         |         |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---------------|--------|--------|---------|---------|---------|---------|---------|---------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| OH<br>61846   | 42.80  | 31.31  | 38.76   | 54.53   | 33.06   | 45.65   | 42.51   | 48.83   | 39.06   | 31.88  | 30.48   | 30.13  | 34.45  | 47.93  | 56.80  | 59.69  | 47.91  | 27.65  | 46.10  | 77.74  | 50.58  | 46.83  | 32.36  | 69.77  |
|               | -2.09  | -0.73  | -0.72   | -0.51   | -0.42   | -1.25   | -0.65   | -1.75   | -1.28   | -1.17  | 0.05    | -1.01  | -0.36  | -0.50  | -1.43  | -1.23  | -1.70  | -1.50  | -2.62  | -3.37  | -2.66  | -3.12  | -2.04  | -2.34  |
|               | -17.19 | -23.36 | -28.96  | -46.92  | -27.34  | -25.73  | -32.10  | -32.14  | -27.53  | -21.32 | -30.54  | -18.87 | -29.92 | -40.86 | -34.40 | -39.04 | -24.49 | -9.82  | -10.95 | -39.42 | -20.67 | -10.94 | -6.72  | -38.50 |
| PJM<br>61847  | 100.74 | 103.21 | 124.42  | 113.33  | 107.72  | 127.19  | 136.60  | 124.17  | 124.04  | 94.21  | 107.12  | 89.60  | 76.90  | 88.95  | 76.59  | 70.57  | 63.95  | 59.61  | 133.87 | 101.21 | 96.87  | 68.75  | 55.55  | 55.53  |
|               | 0.57   | 0.09   | 0.22    | 0.14    | 0.12    | 0.54    | 0.39    | 0.52    | 0.36    | 0.30   | 0.00    | 0.27   | 0.11   | 0.18   | 0.71   | 0.73   | 0.72   | 0.43   | 1.26   | 1.29   | 0.83   | 1.08   | 0.62   | 0.51   |
|               | -72.46 | -94.44 | -113.68 | -105.07 | -101.46 | -105.49 | -125.15 | -105.21 | -110.87 | -82.20 | -107.24 | -77.06 | -71.89 | -81.21 | -52.05 | -47.95 | -38.11 | -39.86 | -94.84 | -58.22 | -63.46 | -28.66 | -27.25 | -21.41 |
| WEST<br>61752 | 42.70  | 30.80  | 36.31   | 32.77   | 32.43   | 45.26   | 40.42   | 43.52   | 35.28   | 31.48  | 29.49   | 29.81  | 21.77  | 25.45  | 35.16  | 32.51  | 35.52  | 27.70  | 46.49  | 55.12  | 44.34  | 43.85  | 32.72  | 36.53  |
|               | -1.76  | -0.64  | -0.61   | -0.42   | -0.36   | -0.99   | -0.52   | -1.56   | -1.15   | -1.05  | 0.06    | -0.87  | -0.30  | -0.40  | -1.11  | -0.91  | -1.33  | -1.20  | -1.98  | -2.62  | -2.06  | -2.44  | -1.52  | -1.77  |
|               | -16.75 | -22.76 | -26.41  | -25.08  | -26.64  | -25.09  | -29.87  | -26.63  | -23.62  | -20.81 | -29.55  | -18.41 | -17.18 | -18.28 | -12.44 | -11.53 | -11.73 | -9.57  | -10.69 | -16.05 | -13.83 | -7.27  | -6.57  | -4.69  |