

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

02/21/2015

| 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 | 403.84<br>26.52<br>0.00   | 154.38<br>10.51<br>-2.00 | 131.24<br>8.71<br>0.00  | 139.20<br>9.03<br>0.00  | 136.49<br>8.65<br>0.00  | 133.31<br>8.67<br>0.00  | 150.27<br>6.00<br>-64.11 | 136.79<br>8.11<br>-20.48  | 143.30<br>9.62<br>-7.78  | 158.61<br>11.25<br>0.00  | 165.36<br>12.02<br>0.00  | 205.56<br>14.02<br>0.00   | 177.40<br>11.84<br>0.00  | 178.25<br>10.92<br>0.00   | 156.67<br>9.90<br>-3.82  | 164.26<br>9.74<br>-10.68 | 199.68<br>9.89<br>-51.58  | 221.42<br>6.54<br>-124.27 | 209.93<br>13.76<br>0.00  | 418.31<br>20.84<br>-109.53 | 284.41<br>9.32<br>-148.96  | 221.00<br>14.36<br>0.00  | 198.59<br>12.62<br>-5.25 | 164.56<br>10.62<br>0.00  |
| CENTRL<br>61754 | 383.21<br>5.88<br>0.00    | 142.52<br>0.42<br>-0.23  | 122.74<br>0.21<br>0.00  | 130.53<br>0.35<br>0.00  | 127.58<br>-0.26<br>0.00 | 123.80<br>-0.83<br>0.00 | 87.33<br>-0.33<br>-7.50  | 110.33<br>-0.27<br>-2.39  | 126.59<br>-0.24<br>-0.93 | 146.88<br>-0.48<br>0.00  | 153.00<br>-0.34<br>0.00  | 191.78<br>0.24<br>0.00    | 165.87<br>0.31<br>0.00   | 167.88<br>0.00<br>0.00    | 143.27<br>-0.13<br>-0.46 | 145.08<br>-0.05<br>-1.28 | 144.68<br>0.26<br>-6.20   | 105.33<br>-0.21<br>-14.93 | 196.18<br>0.01<br>0.00   | 302.85<br>1.83<br>-13.08   | 144.25<br>0.31<br>-17.80   | 207.47<br>0.83<br>0.00   | 181.69<br>0.35<br>-0.63  | 154.30<br>0.35<br>0.00   |
| DUNWOD<br>61760 | 403.51<br>26.18<br>0.00   | 154.41<br>11.03<br>-1.52 | 131.22<br>8.69<br>0.00  | 138.95<br>8.78<br>0.00  | 135.91<br>8.07<br>0.00  | 133.22<br>8.58<br>0.00  | 135.56<br>6.75<br>-48.66 | 132.97<br>9.23<br>-15.54  | 142.55<br>10.75<br>-5.90 | 159.17<br>11.81<br>0.00  | 165.84<br>12.50<br>0.00  | 206.06<br>14.52<br>0.00   | 178.95<br>13.39<br>0.00  | 178.89<br>11.56<br>0.00   | 157.27<br>11.42<br>-2.90 | 163.47<br>11.52<br>-8.10 | 188.63<br>11.26<br>-39.15 | 192.48<br>7.54<br>-94.34  | 211.66<br>15.49<br>0.00  | 394.08<br>22.97<br>-83.16  | 249.27<br>10.05<br>-113.08 | 222.14<br>15.50<br>0.00  | 197.35<br>12.65<br>-3.98 | 164.18<br>10.24<br>0.00  |
| GENESE<br>61753 | 374.02<br>-3.31<br>0.00   | 138.55<br>-3.51<br>-0.19 | 119.71<br>-2.82<br>0.00 | 127.44<br>-2.73<br>0.00 | 124.32<br>-3.52<br>0.00 | 119.58<br>-5.06<br>0.00 | 82.35<br>-3.82<br>-6.02  | 104.41<br>-5.72<br>-1.92  | 120.03<br>-6.62<br>-0.74 | 139.77<br>-7.59<br>0.00  | 145.69<br>-7.65<br>0.00  | 183.99<br>-7.55<br>0.00   | 159.11<br>-6.45<br>0.00  | 161.48<br>-5.84<br>0.00   | 136.75<br>-6.56<br>-0.36 | 138.15<br>-6.71<br>-1.02 | 137.04<br>-6.10<br>-4.92  | 97.24<br>-5.25<br>-11.88  | 186.07<br>-10.10<br>0.00 | 285.12<br>-13.29<br>-10.47 | 133.82<br>-6.55<br>-14.23  | 198.53<br>-8.10<br>0.00  | 174.47<br>-6.75<br>-0.50 | 149.29<br>-4.65<br>0.00  |
| H Q<br>61844    | 305.76<br>-9.44<br>62.13  | 138.20<br>-3.66<br>0.00  | 118.55<br>-2.73<br>1.25 | 127.50<br>-2.67<br>0.00 | 125.75<br>-2.09<br>0.00 | 122.64<br>-1.99<br>0.00 | 75.65<br>-1.65<br>2.86   | 105.88<br>-2.33<br>0.00   | 123.10<br>-2.81<br>0.00  | 144.28<br>-3.08<br>0.00  | 150.05<br>-3.29<br>0.00  | 191.46<br>-3.81<br>-3.74  | 161.79<br>-3.78<br>0.00  | 164.33<br>-3.00<br>0.00   | 139.87<br>-3.07<br>0.00  | 141.82<br>-3.10<br>-1.08 | 134.91<br>-3.31<br>0.00   | 93.94<br>-2.04<br>-5.37   | 191.93<br>-4.24<br>0.00  | 262.28<br>-7.21<br>18.45   | 123.14<br>-3.10<br>-0.10   | 201.89<br>-4.75<br>0.00  | 176.70<br>-4.02<br>0.00  | 150.59<br>-3.36<br>0.00  |
| HUD VL<br>61758 | 404.86<br>27.53<br>0.00   | 154.82<br>11.45<br>-1.50 | 131.66<br>9.13<br>0.00  | 139.47<br>9.29<br>0.00  | 136.51<br>8.67<br>0.00  | 133.69<br>9.05<br>0.00  | 135.23<br>6.86<br>-48.21 | 132.96<br>9.36<br>-15.40  | 142.71<br>10.96<br>-5.85 | 159.56<br>12.20<br>0.00  | 166.11<br>12.77<br>0.00  | 206.60<br>15.05<br>0.00   | 179.35<br>13.79<br>0.00  | 179.63<br>12.30<br>0.00   | 157.72<br>11.90<br>-2.87 | 163.83<br>11.96<br>-8.03 | 188.72<br>11.72<br>-38.79 | 191.97<br>7.89<br>-93.47  | 212.54<br>16.37<br>0.00  | 394.64<br>24.35<br>-82.35  | 248.90<br>10.80<br>-111.97 | 223.51<br>16.88<br>0.00  | 198.44<br>13.78<br>-3.94 | 165.07<br>11.12<br>0.00  |
| LONGIL<br>61762 | 407.80<br>28.07<br>-2.40  | 153.85<br>10.46<br>-1.52 | 130.91<br>8.38<br>0.00  | 138.57<br>8.40<br>0.00  | 135.66<br>7.82<br>0.00  | 134.08<br>9.44<br>0.00  | 136.98<br>8.12<br>-48.70 | 135.38<br>11.62<br>-15.55 | 145.25<br>13.44<br>-5.90 | 162.61<br>13.51<br>-1.74 | 172.95<br>16.09<br>-3.52 | 235.69<br>17.41<br>-26.74 | 181.57<br>15.96<br>-0.05 | 208.28<br>14.77<br>-26.18 | 166.03<br>14.47<br>-8.61 | 167.02<br>14.26<br>-8.91 | 191.25<br>13.16<br>-39.88 | 195.30<br>9.47<br>-95.22  | 218.69<br>19.53<br>-2.99 | 396.92<br>23.58<br>-85.40  | 249.03<br>9.73<br>-113.17  | 220.95<br>14.32<br>0.00  | 197.51<br>12.65<br>-4.14 | 167.41<br>10.61<br>-2.86 |
| MHK VL<br>61756 | 394.49<br>17.16<br>0.00   | 147.93<br>5.78<br>-0.29  | 127.46<br>4.94<br>0.00  | 135.41<br>5.24<br>0.00  | 132.73<br>4.89<br>0.00  | 129.40<br>4.76<br>0.00  | 92.87<br>3.34<br>-9.37   | 115.81<br>4.65<br>-2.96   | 132.65<br>5.61<br>-1.14  | 154.06<br>6.70<br>0.00   | 160.93<br>7.59<br>0.00   | 200.83<br>9.29<br>0.00    | 173.65<br>8.09<br>0.00   | 175.34<br>8.01<br>0.00    | 150.17<br>6.68<br>-0.54  | 152.07<br>6.72<br>-1.51  | 151.87<br>6.31<br>-7.34   | 112.32<br>4.03<br>-17.68  | 205.04<br>8.87<br>0.00   | 316.64<br>13.45<br>-15.25  | 152.66<br>5.82<br>-20.70   | 215.65<br>9.01<br>0.00   | 188.72<br>7.27<br>-0.73  | 159.82<br>5.87<br>0.00   |
| MILLWD<br>61759 | 405.37<br>28.05<br>0.00   | 155.12<br>11.73<br>-1.53 | 131.87<br>9.34<br>0.00  | 139.68<br>9.51<br>0.00  | 136.62<br>8.79<br>0.00  | 133.93<br>9.29<br>0.00  | 136.40<br>7.16<br>-49.08 | 133.68<br>9.80<br>-15.67  | 143.31<br>11.45<br>-5.95 | 160.04<br>12.68<br>0.00  | 166.66<br>13.32<br>0.00  | 207.05<br>15.51<br>0.00   | 179.77<br>14.21<br>0.00  | 179.81<br>12.48<br>0.00   | 158.03<br>12.16<br>-2.93 | 164.30<br>12.29<br>-8.17 | 189.65<br>11.97<br>-39.46 | 193.77<br>8.07<br>-95.09  | 212.82<br>16.66<br>0.00  | 396.45<br>24.70<br>-83.81  | 250.94<br>10.84<br>-113.97 | 223.30<br>16.67<br>0.00  | 198.30<br>13.57<br>-4.01 | 164.91<br>10.97<br>0.00  |
| N.Y.C.<br>61761 | 405.22<br>27.89<br>0.00   | 155.44<br>12.06<br>-1.52 | 131.92<br>9.40<br>0.00  | 139.65<br>9.47<br>0.00  | 136.43<br>8.59<br>0.00  | 133.85<br>9.21<br>0.00  | 136.16<br>7.31<br>-48.70 | 133.83<br>10.07<br>-15.55 | 143.62<br>11.81<br>-5.90 | 160.12<br>12.75<br>0.00  | 166.61<br>13.27<br>0.00  | 207.14<br>15.60<br>0.00   | 179.98<br>14.42<br>0.00  | 179.61<br>12.28<br>0.00   | 157.96<br>12.11<br>-2.90 | 164.19<br>12.23<br>-8.11 | 189.34<br>11.95<br>-39.18 | 192.93<br>7.92<br>-94.40  | 212.40<br>16.23<br>0.00  | 395.20<br>24.05<br>-83.21  | 249.53<br>10.25<br>-113.15 | 222.45<br>15.81<br>0.00  | 197.63<br>12.93<br>-3.98 | 164.36<br>10.42<br>0.00  |
| NORTH<br>61755  | 367.75<br>-9.58<br>0.00   | 138.30<br>-3.55<br>0.00  | 120.33<br>-2.20<br>0.00 | 128.78<br>-1.39<br>0.00 | 127.22<br>-0.62<br>0.00 | 123.88<br>-0.76<br>0.00 | 79.31<br>-0.85<br>0.00   | 106.63<br>-1.57<br>0.00   | 123.89<br>-2.01<br>0.00  | 144.48<br>-2.88<br>0.00  | 150.51<br>-2.83<br>0.00  | 188.58<br>-2.96<br>0.00   | 162.29<br>-3.28<br>0.00  | 165.19<br>-2.14<br>0.00   | 140.15<br>-2.80<br>0.00  | 140.82<br>-3.03<br>0.00  | 134.73<br>-3.48<br>0.00   | 88.45<br>-2.16<br>0.00    | 192.05<br>-4.12<br>0.00  | 280.53<br>-7.42<br>0.00    | 123.97<br>-2.16<br>0.00    | 204.48<br>-2.15<br>0.00  | 179.17<br>-1.55<br>0.00  | 152.64<br>-1.30<br>0.00  |
| NPX<br>61845    | 423.73<br>22.32<br>-24.08 | 153.22<br>9.57<br>-1.79  | 130.20<br>7.68<br>0.00  | 138.03<br>7.85<br>0.00  | 135.33<br>7.49<br>0.00  | 132.36<br>7.72<br>0.00  | 143.11<br>5.64<br>-57.30 | 134.10<br>7.60<br>-18.30  | 141.49<br>8.64<br>-6.95  | 157.26<br>9.89<br>0.00   | 164.22<br>10.88<br>0.00  | 203.92<br>12.38<br>0.00   | 176.53<br>10.96<br>0.00  | 176.75<br>9.42<br>0.00    | 155.95<br>9.59<br>-3.42  | 162.73<br>9.34<br>-9.55  | 193.82<br>9.49<br>-46.12  | 210.58<br>6.32<br>-113.64 | 209.24<br>13.07<br>0.00  | 405.98<br>20.08<br>-97.96  | 268.51<br>9.18<br>-133.20  | 221.74<br>13.92<br>-1.18 | 197.66<br>12.25<br>-4.69 | 164.30<br>10.36<br>0.00  |

|               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| OH<br>61846   | 342.79 | 131.99 | 113.91 | 121.61 | 118.38 | 112.94 | 79.72  | 98.86  | 112.71 | 130.52 | 136.06 | 173.30 | 150.34 | 153.16 | 129.09 | 130.75 | 131.30 | 97.91  | 173.81 | 272.13 | 131.33 | 189.41 | 166.32 | 142.38 |
|               | -17.35 | -10.12 | -8.62  | -8.57  | -9.46  | -11.70 | -8.39  | -11.88 | -14.17 | -16.84 | -17.28 | -18.24 | -15.22 | -14.16 | -14.34 | -14.44 | -13.42 | -10.93 | -22.36 | -29.66 | -13.63 | -18.40 | -15.06 | -11.56 |
|               | 17.18  | -0.25  | 0.00   | 0.00   | 0.00   | 0.00   | -7.95  | -2.54  | -0.98  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -0.48  | -1.35  | -6.51  | -18.22 | 0.00   | -13.84 | -18.83 | -1.18  | -0.66  | 0.00   |
| PJM<br>61847  | 329.09 | 144.32 | 122.59 | 131.58 | 128.44 | 120.36 | 120.23 | 120.33 | 131.77 | 148.73 | 154.97 | 197.32 | 167.92 | 168.97 | 146.41 | 152.01 | 166.36 | 159.94 | 197.80 | 330.01 | 203.62 | 209.52 | 185.09 | 155.07 |
|               | 10.12  | 2.39   | 1.30   | 1.41   | 0.60   | 0.48   | 1.14   | 1.76   | 1.93   | 1.36   | 1.63   | 2.04   | 2.36   | 1.64   | 1.52   | 1.67   | 1.97   | 0.90   | 1.63   | 4.93   | 1.80   | 2.89   | 1.71   | 1.13   |
|               | 58.35  | -0.07  | 1.25   | 0.00   | 0.00   | 4.75   | -38.92 | -10.37 | -3.94  | 0.00   | 0.00   | -3.74  | 0.00   | 0.00   | -1.94  | -6.50  | -26.17 | -68.43 | 0.00   | -37.14 | -75.69 | 0.00   | -2.66  | 0.00   |
| WEST<br>61752 | 365.99 | 133.77 | 115.44 | 123.26 | 119.87 | 113.88 | 79.86  | 99.39  | 113.63 | 131.91 | 137.58 | 175.42 | 152.17 | 155.17 | 130.60 | 132.19 | 132.60 | 95.85  | 175.83 | 275.24 | 132.66 | 191.33 | 168.94 | 144.81 |
|               | -11.34 | -8.33  | -7.08  | -6.91  | -7.97  | -10.75 | -8.05  | -11.29 | -13.23 | -15.46 | -15.76 | -16.12 | -13.39 | -12.16 | -12.82 | -12.97 | -11.97 | -10.08 | -20.34 | -26.22 | -11.85 | -15.31 | -12.43 | -9.13  |
|               | 0.00   | -0.24  | 0.00   | 0.00   | 0.00   | 0.00   | -7.75  | -2.48  | -0.96  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -0.47  | -1.31  | -6.35  | -15.32 | 0.00   | -13.52 | -18.38 | 0.00   | -0.65  | 0.00   |