

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

01/05/2012

| 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 | 39.85<br>2.09<br>-6.11  | 32.25<br>1.91<br>0.00   | 32.25<br>1.71<br>0.00  | 31.99<br>1.55<br>0.00  | 32.24<br>1.71<br>0.00  | 38.39<br>2.05<br>-5.30  | 52.52<br>2.08<br>-16.38 | 66.19<br>2.54<br>-22.04 | 46.34<br>2.62<br>-2.10  | 43.83<br>2.66<br>-0.28  | 44.63<br>2.53<br>-1.99  | 41.07<br>2.46<br>-0.15  | 37.11<br>2.23<br>0.00   | 36.00<br>2.13<br>-0.05  | 36.00<br>2.13<br>0.00   | 36.23<br>2.16<br>-0.39  | 50.31<br>2.46<br>-13.23  | 81.93<br>2.83<br>-36.92   | 60.00<br>2.77<br>-15.32   | 55.26<br>2.85<br>-11.14  | 47.26<br>2.75<br>-5.16   | 42.00<br>2.71<br>-0.07   | 40.07<br>2.44<br>-1.68  | 35.63<br>1.70<br>-2.95  |
| CENTRL<br>61754 | 32.42<br>0.00<br>-0.77  | 30.34<br>0.00<br>0.00   | 30.29<br>-0.24<br>0.00 | 30.19<br>-0.24<br>0.00 | 30.29<br>-0.24<br>0.00 | 31.64<br>-0.06<br>-0.66 | 36.13<br>0.03<br>-2.04  | 44.38<br>0.04<br>-2.73  | 41.62<br>-0.25<br>-0.26 | 40.72<br>-0.20<br>-0.03 | 40.12<br>-0.24<br>-0.25 | 38.21<br>-0.27<br>-0.02 | 34.77<br>-0.10<br>0.00  | 33.76<br>-0.07<br>-0.01 | 33.80<br>-0.07<br>0.00  | 33.57<br>-0.17<br>-0.05 | 36.09<br>-0.17<br>-1.64  | 46.77<br>0.00<br>-4.59    | 43.78<br>-0.04<br>-1.90   | 42.49<br>-0.17<br>-1.38  | 39.79<br>-0.20<br>-0.64  | 38.96<br>-0.27<br>-0.01  | 35.79<br>-0.36<br>-0.21 | 31.28<br>-0.06<br>-0.37 |
| DUNWOD<br>61760 | 39.25<br>2.98<br>-4.62  | 33.16<br>2.82<br>0.00   | 32.92<br>2.38<br>0.00  | 32.66<br>2.22<br>0.00  | 32.98<br>2.44<br>0.00  | 37.97<br>2.92<br>-4.01  | 50.05<br>3.61<br>-12.38 | 62.80<br>4.62<br>-16.57 | 47.94<br>4.74<br>-1.58  | 45.76<br>4.66<br>-0.21  | 46.23<br>4.61<br>-1.50  | 42.84<br>4.27<br>-0.11  | 38.82<br>3.94<br>0.00   | 37.65<br>3.79<br>-0.04  | 37.69<br>3.83<br>0.00   | 37.75<br>3.77<br>-0.29  | 48.54<br>3.91<br>-10.00  | 75.19<br>5.10<br>-27.90   | 58.65<br>5.16<br>-11.57   | 54.60<br>4.91<br>-8.42   | 47.85<br>4.60<br>-3.90   | 43.59<br>4.31<br>-0.05   | 40.95<br>3.74<br>-1.27  | 35.99<br>2.79<br>-2.23  |
| GENESE<br>61753 | 31.14<br>-1.08<br>-0.57 | 29.34<br>-1.00<br>0.00  | 29.16<br>-1.37<br>0.00 | 29.16<br>-1.28<br>0.00 | 29.16<br>-1.37<br>0.00 | 30.42<br>-1.12<br>-0.49 | 34.45<br>-1.12<br>-1.52 | 42.19<br>-1.46<br>-2.04 | 39.98<br>-1.83<br>-0.19 | 39.08<br>-1.84<br>-0.03 | 38.41<br>-1.89<br>-0.18 | 36.67<br>-1.81<br>-0.01 | 33.55<br>-1.33<br>0.00  | 32.61<br>-1.22<br>0.00  | 32.58<br>-1.29<br>0.00  | 32.31<br>-1.41<br>-0.04 | 34.57<br>-1.28<br>-1.23  | 44.14<br>-1.48<br>-3.43   | 41.62<br>-1.72<br>-1.42   | 40.53<br>-1.77<br>-1.04  | 38.05<br>-1.77<br>-0.48  | 37.50<br>-1.73<br>-0.01  | 34.30<br>-1.80<br>-0.16 | 30.01<br>-1.24<br>-0.27 |
| H Q<br>61844    | 30.17<br>-0.73<br>0.75  | 30.46<br>-0.64<br>-0.75 | 30.17<br>-0.37<br>0.00 | 30.13<br>-0.30<br>0.00 | 30.17<br>-0.37<br>0.00 | 30.42<br>-0.62<br>0.00  | 33.20<br>-0.85<br>0.00  | 40.66<br>-0.96<br>0.00  | 40.61<br>-1.00<br>0.00  | 39.99<br>-0.90<br>0.00  | 39.27<br>-0.84<br>0.00  | 37.69<br>-0.77<br>0.00  | 34.07<br>-0.80<br>0.00  | 33.04<br>-0.78<br>0.00  | 33.09<br>-0.78<br>0.00  | 32.98<br>-0.71<br>0.00  | 33.83<br>-0.80<br>0.00   | 41.04<br>-1.14<br>0.00    | 40.83<br>-1.09<br>0.00    | 40.28<br>-0.99<br>0.00   | 38.44<br>-0.90<br>0.00   | 38.36<br>-0.86<br>0.00   | 35.15<br>-0.79<br>0.00  | 30.29<br>-0.68<br>0.00  |
| HUD VL<br>61758 | 39.28<br>3.01<br>-4.62  | 33.16<br>2.82<br>0.00   | 32.98<br>2.44<br>0.00  | 32.72<br>2.28<br>0.00  | 33.01<br>2.47<br>0.00  | 37.93<br>2.89<br>-4.01  | 49.81<br>3.37<br>-12.38 | 62.94<br>4.99<br>-16.34 | 47.96<br>4.79<br>-1.56  | 46.05<br>4.95<br>-0.21  | 46.49<br>4.89<br>-1.48  | 43.07<br>4.50<br>-0.11  | 39.06<br>4.19<br>0.00   | 37.88<br>4.02<br>-0.04  | 37.96<br>4.10<br>0.00   | 37.55<br>3.57<br>-0.29  | 48.33<br>3.70<br>-10.00  | 74.98<br>4.89<br>-27.90   | 58.36<br>4.86<br>-11.57   | 54.35<br>4.66<br>-8.42   | 47.57<br>4.33<br>-3.90   | 43.24<br>3.96<br>-0.05   | 40.74<br>3.52<br>-1.27  | 35.96<br>2.76<br>-2.23  |
| LONGIL<br>61762 | 44.00<br>4.53<br>-7.82  | 38.33<br>4.37<br>-3.62  | 34.48<br>3.94<br>0.00  | 34.18<br>3.74<br>0.00  | 34.50<br>3.97<br>0.00  | 39.54<br>4.47<br>-4.03  | 64.78<br>5.11<br>-25.62 | 74.58<br>6.49<br>-26.47 | 71.40<br>6.57<br>-23.22 | 67.70<br>6.54<br>-20.27 | 65.64<br>6.30<br>-19.22 | 63.26<br>5.88<br>-18.92 | 61.03<br>5.37<br>-20.78 | 58.65<br>5.17<br>-19.65 | 58.27<br>5.25<br>-19.16 | 66.00<br>5.19<br>-27.13 | 120.46<br>5.33<br>-80.51 | 164.31<br>6.96<br>-115.16 | 161.68<br>7.00<br>-112.76 | 141.66<br>6.69<br>-93.71 | 116.69<br>6.22<br>-71.12 | 103.33<br>5.92<br>-58.18 | 58.31<br>5.25<br>-17.12 | 52.91<br>4.09<br>-17.84 |
| MHK VL<br>61756 | 33.45<br>1.01<br>-0.78  | 31.31<br>0.97<br>0.00   | 31.39<br>0.86<br>0.00  | 31.26<br>0.82<br>0.00  | 31.39<br>0.85<br>0.00  | 32.71<br>0.99<br>-0.68  | 37.23<br>1.23<br>-1.95  | 45.97<br>1.79<br>-2.56  | 43.31<br>1.46<br>-0.24  | 42.56<br>1.64<br>-0.03  | 41.99<br>1.64<br>-0.23  | 39.98<br>1.50<br>-0.02  | 36.17<br>1.29<br>0.00   | 35.01<br>1.18<br>-0.01  | 35.05<br>1.19<br>0.00   | 34.84<br>1.11<br>-0.05  | 37.48<br>1.28<br>-1.58   | 48.35<br>1.77<br>-4.39    | 45.42<br>1.68<br>-1.82    | 44.25<br>1.65<br>-1.33   | 41.53<br>1.57<br>-0.61   | 40.64<br>1.41<br>-0.01   | 37.26<br>1.11<br>-0.20  | 32.25<br>0.90<br>-0.38  |
| MILLWD<br>61759 | 39.31<br>3.01<br>-4.66  | 33.16<br>2.82<br>0.00   | 32.95<br>2.41<br>0.00  | 32.69<br>2.25<br>0.00  | 32.98<br>2.44<br>0.00  | 37.99<br>2.92<br>-4.03  | 50.10<br>3.58<br>-12.46 | 62.83<br>4.54<br>-16.68 | 47.87<br>4.66<br>-1.59  | 45.68<br>4.58<br>-0.21  | 46.12<br>4.49<br>-1.51  | 42.76<br>4.19<br>-0.11  | 38.71<br>3.84<br>0.00   | 37.58<br>3.72<br>-0.04  | 37.59<br>3.73<br>0.00   | 37.69<br>3.71<br>-0.30  | 48.53<br>3.84<br>-10.07  | 75.33<br>5.06<br>-28.08   | 58.64<br>5.07<br>-11.65   | 54.57<br>4.83<br>-8.48   | 47.79<br>4.52<br>-3.92   | 43.47<br>4.20<br>-0.05   | 40.93<br>3.70<br>-1.28  | 35.98<br>2.76<br>-2.25  |
| N.Y.C.<br>61761 | 39.54<br>3.26<br>-4.63  | 33.41<br>3.06<br>0.00   | 33.17<br>2.63<br>0.00  | 32.90<br>2.47<br>0.00  | 33.23<br>2.69<br>0.00  | 38.25<br>3.20<br>-4.01  | 50.36<br>3.92<br>-12.39 | 68.29<br>5.08<br>-21.60 | 84.94<br>5.20<br>-38.12 | 84.83<br>5.11<br>-38.83 | 80.26<br>5.01<br>-35.13 | 79.07<br>4.69<br>-35.92 | 77.20<br>4.32<br>-38.00 | 77.53<br>4.16<br>-39.55 | 61.50<br>4.20<br>-23.43 | 67.65<br>4.18<br>-29.79 | 82.44<br>4.26<br>-43.56  | 98.25<br>5.53<br>-50.54   | 84.61<br>5.58<br>-37.11   | 83.08<br>5.37<br>-36.44  | 71.30<br>5.04<br>-26.92  | 65.67<br>4.75<br>-21.70  | 58.16<br>4.17<br>-18.05 | 36.28<br>3.07<br>-2.24  |
| NORTH<br>61755  | 31.02<br>-0.63<br>0.00  | 29.79<br>-0.55<br>0.00  | 30.29<br>-0.24<br>0.00 | 30.28<br>-0.15<br>0.00 | 30.23<br>-0.31<br>0.00 | 30.45<br>-0.59<br>0.00  | 33.20<br>-0.85<br>0.00  | 40.82<br>-0.79<br>0.00  | 40.82<br>-0.79<br>0.00  | 40.36<br>-0.53<br>0.00  | 39.67<br>-0.44<br>0.00  | 38.04<br>-0.42<br>0.00  | 34.28<br>-0.59<br>0.00  | 33.21<br>-0.61<br>0.00  | 33.22<br>-0.64<br>0.00  | 33.11<br>-0.57<br>0.00  | 33.93<br>-0.69<br>0.00   | 41.09<br>-1.10<br>0.00    | 40.91<br>-1.01<br>0.00    | 40.44<br>-0.83<br>0.00   | 38.68<br>-0.67<br>0.00   | 38.52<br>-0.71<br>0.00   | 35.26<br>-0.68<br>0.00  | 30.42<br>-0.56<br>0.00  |
| NPX<br>61845    | 38.65<br>2.34<br>-4.66  | 33.22<br>2.12<br>-0.75  | 32.43<br>1.89<br>0.00  | 32.14<br>1.70<br>0.00  | 32.43<br>1.89<br>0.00  | 38.03<br>2.30<br>-4.69  | 51.09<br>2.55<br>-14.48 | 64.16<br>3.12<br>-19.43 | 46.88<br>3.41<br>-1.85  | 44.53<br>3.39<br>-0.25  | 45.20<br>3.33<br>-1.75  | 41.74<br>3.15<br>-0.13  | 37.77<br>2.89<br>0.00   | 36.64<br>2.77<br>-0.04  | 36.64<br>2.78<br>0.00   | 36.76<br>2.73<br>-0.34  | 49.09<br>2.77<br>-11.70  | 78.15<br>3.33<br>-32.63   | 58.89<br>3.44<br>-13.54   | 54.38<br>3.26<br>-9.85   | 47.05<br>3.15<br>-4.56   | 42.46<br>3.18<br>-0.06   | 40.27<br>2.84<br>-1.49  | 35.63<br>2.04<br>-2.61  |

|               |       |       |       |       |       |       |       |        |       |       |       |       |       |       |       |       |       |        |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| OH<br>61846   | 29.19 | 29.00 | 27.94 | 28.00 | 28.00 | 29.32 | 33.11 | 40.31  | 37.60 | 36.59 | 36.00 | 34.40 | 31.70 | 30.88 | 30.78 | 30.43 | 32.98 | 42.18  | 39.39 | 38.23 | 35.85 | 35.47 | 32.42 | 28.63 |
|               | -2.37 | -2.09 | -2.60 | -2.43 | -2.53 | -2.30 | -2.72 | -3.70  | -4.24 | -4.33 | -4.33 | -4.08 | -3.17 | -2.94 | -3.08 | -3.30 | -3.08 | -4.01  | -4.19 | -4.25 | -4.05 | -3.77 | -3.70 | -2.66 |
|               | 0.09  | -0.75 | 0.00  | 0.00  | 0.00  | -0.58 | -1.78 | -2.40  | -0.23 | -0.03 | -0.22 | -0.02 | 0.00  | -0.01 | 0.00  | -0.04 | -1.44 | -4.01  | -1.66 | -1.21 | -0.56 | -0.01 | -0.18 | -0.32 |
| PJM<br>61847  | 35.15 | 32.22 | 31.24 | 31.04 | 31.30 | 34.94 | 44.10 | 54.80  | 47.98 | 46.02 | 45.24 | 42.01 | 38.54 | 37.61 | 36.32 | 37.03 | 45.11 | 64.85  | 52.45 | 49.67 | 43.86 | 40.96 | 37.86 | 33.31 |
|               | 1.08  | 1.12  | 0.70  | 0.61  | 0.76  | 1.15  | 1.53  | 1.79   | 1.75  | 1.68  | 1.64  | 1.38  | 1.36  | 1.35  | 1.39  | 1.28  | 1.28  | 1.90   | 1.93  | 1.73  | 1.61  | 1.37  | 1.04  | 0.81  |
|               | -2.43 | -0.75 | 0.00  | 0.00  | 0.00  | -2.75 | -8.51 | -11.40 | -4.62 | -3.45 | -3.48 | -2.16 | -2.30 | -2.44 | -1.06 | -2.06 | -9.20 | -20.77 | -8.61 | -6.67 | -2.90 | -0.37 | -0.87 | -1.53 |
| WEST<br>61752 | 30.60 | 28.76 | 28.46 | 28.46 | 28.49 | 30.04 | 34.22 | 41.71  | 38.79 | 37.78 | 37.19 | 35.40 | 32.54 | 31.73 | 31.67 | 31.27 | 34.03 | 43.88  | 40.78 | 39.54 | 36.95 | 36.53 | 33.20 | 29.23 |
|               | -1.80 | -1.58 | -2.08 | -1.98 | -2.05 | -1.65 | -1.84 | -2.62  | -3.08 | -3.15 | -3.17 | -3.08 | -2.34 | -2.10 | -2.20 | -2.46 | -2.22 | -2.83  | -3.02 | -3.10 | -3.03 | -2.71 | -2.95 | -2.11 |
|               | -0.75 | 0.00  | 0.00  | 0.00  | 0.00  | -0.65 | -2.01 | -2.72  | -0.26 | -0.03 | -0.25 | -0.02 | 0.00  | -0.01 | 0.00  | -0.05 | -1.62 | -4.52  | -1.88 | -1.37 | -0.63 | -0.01 | -0.21 | -0.36 |