

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

01/08/2008

| Name<br>PTID<br>CAPITL<br>61757 | 00:00<br>EST<br>56.86<br>2.40<br>0.00<br>N | 01:00<br>EST<br>44.74<br>1.83<br>0.00<br>N | 02:00<br>EST<br>41.04<br>1.82<br>0.00<br>N | 03:00<br>EST<br>25.51<br>1.17<br>0.00<br>N | 04:00<br>EST<br>5.91<br>0.27<br>0.00<br>N | 05:00<br>EST<br>24.61<br>1.19<br>0.00<br>N | 06:00<br>EST<br>69.11<br>3.51<br>0.00<br>N | 07:00<br>EST<br>79.42<br>4.15<br>0.00<br>N | 08:00<br>EST<br>6.71<br>-0.28<br>-12.34<br>N | 09:00<br>EST<br>64.44<br>2.94<br>-11.60<br>N | 10:00<br>EST<br>66.40<br>2.07<br>-28.53<br>N | 11:00<br>EST<br>57.87<br>3.07<br>0.00<br>N | 12:00<br>EST<br>57.67<br>3.10<br>0.00<br>N | 13:00<br>EST<br>77.18<br>4.16<br>0.00<br>N | 14:00<br>EST<br>79.87<br>4.19<br>0.00<br>N | 15:00<br>EST<br>50.37<br>2.51<br>0.00<br>N | 16:00<br>EST<br>55.33<br>2.88<br>0.00<br>N | 17:00<br>EST<br>77.53<br>3.37<br>-17.59<br>N | 18:00<br>EST<br>52.11<br>2.90<br>0.00<br>N | 19:00<br>EST<br>68.92<br>3.91<br>0.00<br>N | 20:00<br>EST<br>69.14<br>3.84<br>0.00<br>N | 21:00<br>EST<br>39.27<br>2.03<br>0.00<br>N | 22:00<br>EST<br>41.66<br>2.06<br>0.00<br>N | 23:00<br>EST<br>60.36<br>2.88<br>0.00<br>N |
|---------------------------------|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| CENTRL<br>61754                 | 52.20<br>-2.10<br>0.16<br>N                | 40.98<br>-1.67<br>0.27<br>N                | 37.32<br>-1.55<br>0.34<br>N                | 23.49<br>-0.83<br>0.03<br>N                | 5.46<br>-0.18<br>0.00<br>N                | 22.54<br>-0.79<br>0.09<br>N                | 63.22<br>-1.82<br>0.56<br>N                | 73.06<br>-1.56<br>0.65<br>N                | -3.58<br>0.20<br>-1.56<br>N                  | 50.01<br>-0.99<br>-1.11<br>N                 | 38.43<br>-0.79<br>-3.41<br>N                 | 52.95<br>-1.29<br>0.55<br>N                | 52.70<br>-1.34<br>0.53<br>N                | 70.46<br>-1.89<br>0.67<br>N                | 73.00<br>-2.06<br>0.62<br>N                | 46.33<br>-1.26<br>0.28<br>N                | 50.94<br>-1.19<br>0.32<br>N                | 57.70<br>-0.92<br>-2.05<br>N                 | 48.23<br>-0.69<br>0.28<br>N                | 63.60<br>-0.88<br>0.54<br>N                | 63.38<br>-1.20<br>0.71<br>N                | 36.00<br>-0.88<br>0.37<br>N                | 36.91<br>-1.78<br>0.91<br>N                | 54.79<br>-2.12<br>0.58<br>N                |
| DUNWOD<br>61760                 | 57.33<br>3.06<br>0.18<br>N                 | 44.99<br>2.34<br>0.26<br>N                 | 41.07<br>2.16<br>0.31<br>N                 | 25.63<br>1.31<br>0.03<br>N                 | 5.95<br>0.30<br>0.00<br>N                 | 24.76<br>1.42<br>0.09<br>N                 | 69.91<br>4.85<br>0.53<br>N                 | 80.83<br>6.23<br>0.67<br>N                 | 3.47<br>-0.43<br>-9.24<br>N                  | 62.56<br>4.36<br>-8.31<br>N                  | 60.10<br>3.14<br>-21.16<br>N                 | 59.02<br>4.79<br>0.56<br>N                 | 58.69<br>4.66<br>0.54<br>N                 | 78.41<br>6.09<br>0.69<br>N                 | 81.11<br>6.07<br>0.64<br>N                 | 51.38<br>3.80<br>0.29<br>N                 | 56.53<br>4.41<br>0.32<br>N                 | 74.85<br>5.27<br>-13.01<br>N                 | 53.59<br>4.69<br>0.30<br>N                 | 70.65<br>6.22<br>0.58<br>N                 | 70.59<br>6.06<br>0.76<br>N                 | 40.05<br>3.20<br>0.39<br>N                 | 41.39<br>2.74<br>0.95<br>N                 | 60.48<br>3.59<br>0.59<br>N                 |
| GENESE<br>61753                 | 37.79<br>-4.21<br>12.46<br>N               | 21.99<br>-3.35<br>17.58<br>N               | 15.58<br>-3.16<br>20.47<br>N               | 20.59<br>-1.86<br>1.89<br>N                | 5.24<br>-0.40<br>0.00<br>N                | 16.07<br>-1.69<br>5.66<br>N                | 26.40<br>-4.12<br>35.07<br>N               | 27.05<br>-3.91<br>44.32<br>N               | -9.34<br>0.20<br>4.19<br>N                   | 18.34<br>-2.58<br>28.97<br>N                 | 11.10<br>-1.84<br>22.86<br>N                 | 14.46<br>-2.98<br>37.35<br>N               | 15.52<br>-2.91<br>36.13<br>N               | 23.01<br>-3.90<br>46.10<br>N               | 28.85<br>-4.21<br>42.62<br>N               | 25.87<br>-2.57<br>19.43<br>N               | 28.41<br>-2.51<br>21.53<br>N               | 36.48<br>-2.31<br>17.78<br>N                 | 27.02<br>-1.97<br>20.21<br>N               | 23.57<br>-2.62<br>38.82<br>N               | 11.82<br>-3.02<br>50.46<br>N               | 9.48<br>-1.89<br>25.88<br>N                | -26.72<br>-2.96<br>63.35<br>N              | 14.09<br>-4.16<br>39.23<br>N               |
| H Q<br>61844                    | 54.52<br>0.06<br>0.00<br>N                 | 43.06<br>0.14<br>0.00<br>N                 | 39.34<br>0.13<br>0.00<br>N                 | 24.41<br>0.06<br>0.00<br>N                 | 5.66<br>0.01<br>0.00<br>N                 | 23.41<br>-0.01<br>0.00<br>N                | 65.19<br>-0.41<br>0.00<br>N                | 74.41<br>-0.87<br>0.00<br>N                | -5.32<br>0.03<br>0.00<br>N                   | 71.00<br>-0.74<br>-4.65<br>N                 | 35.28<br>-0.52<br>0.00<br>N                  | 54.08<br>-0.72<br>0.00<br>N                | 53.86<br>-0.71<br>0.00<br>N                | 72.15<br>-0.87<br>0.00<br>N                | 74.96<br>-0.72<br>0.00<br>N                | 47.48<br>-0.39<br>0.00<br>N                | 51.83<br>-0.61<br>0.00<br>N                | 47.00<br>-1.29<br>23.39<br>N                 | 48.35<br>-0.85<br>0.00<br>N                | 63.84<br>-1.17<br>0.00<br>N                | 64.23<br>-1.06<br>0.00<br>N                | 36.78<br>-0.46<br>0.00<br>N                | 39.55<br>-0.05<br>0.00<br>N                | 75.48<br>0.13<br>-10.11<br>N               |
| HUD VL<br>61758                 | 57.15<br>2.87<br>0.18<br>N                 | 44.88<br>2.23<br>0.26<br>N                 | 41.00<br>2.09<br>0.31<br>N                 | 25.60<br>1.28<br>0.03<br>N                 | 5.94<br>0.30<br>0.00<br>N                 | 24.71<br>1.37<br>0.08<br>N                 | 69.69<br>4.62<br>0.53<br>N                 | 80.45<br>5.84<br>0.66<br>N                 | 3.49<br>-0.39<br>-9.22<br>N                  | 62.23<br>4.04<br>-8.30<br>N                  | 59.81<br>2.89<br>-21.11<br>N                 | 58.64<br>4.41<br>0.56<br>N                 | 58.36<br>4.33<br>0.54<br>N                 | 77.97<br>5.65<br>0.69<br>N                 | 80.66<br>5.62<br>0.64<br>N                 | 51.09<br>3.52<br>0.29<br>N                 | 56.19<br>4.07<br>0.32<br>N                 | 74.40<br>4.87<br>-12.97<br>N                 | 53.24<br>4.34<br>0.30<br>N                 | 70.18<br>5.74<br>0.58<br>N                 | 70.16<br>5.62<br>0.75<br>N                 | 39.83<br>2.97<br>0.39<br>N                 | 41.20<br>2.55<br>0.95<br>N                 | 60.29<br>3.39<br>0.58<br>N                 |
| LONGIL<br>61762                 | 57.63<br>3.35<br>0.18<br>N                 | 45.52<br>2.87<br>0.26<br>N                 | 41.48<br>2.57<br>0.31<br>N                 | 25.89<br>1.58<br>0.03<br>N                 | 6.04<br>0.39<br>0.00<br>N                 | 25.26<br>1.93<br>0.09<br>N                 | 78.13<br>6.65<br>-5.88<br>N                | 232.10<br>8.97<br>-147.86<br>N             | 3.29<br>-0.62<br>-9.25<br>N                  | 63.67<br>5.46<br>-8.32<br>N                  | 60.92<br>3.94<br>-21.18<br>N                 | 60.23<br>5.99<br>0.56<br>N                 | 59.79<br>5.76<br>0.54<br>N                 | 79.86<br>7.53<br>0.69<br>N                 | 82.60<br>7.56<br>0.64<br>N                 | 52.45<br>4.87<br>0.29<br>N                 | 67.94<br>5.81<br>-9.69<br>N                | 176.05<br>6.85<br>-112.64<br>N               | 95.87<br>6.11<br>-40.57<br>N               | 87.04<br>8.17<br>-13.85<br>N               | 93.94<br>8.04<br>-20.60<br>N               | 59.46<br>4.25<br>-17.97<br>N               | 42.32<br>3.68<br>0.95<br>N                 | 61.37<br>4.48<br>0.59<br>N                 |
| MHK VL<br>61756                 | 54.52<br>0.06<br>0.00<br>N                 | 42.90<br>0.11<br>0.12<br>N                 | 39.07<br>0.12<br>0.26<br>N                 | 24.45<br>0.12<br>0.03<br>N                 | 5.67<br>0.03<br>0.00<br>N                 | 23.56<br>0.21<br>0.07<br>N                 | 66.12<br>0.97<br>0.45<br>N                 | 76.18<br>1.46<br>0.54<br>N                 | -3.93<br>-0.06<br>-1.47<br>N                 | 52.10<br>0.84<br>-1.38<br>N                  | 39.71<br>0.57<br>-3.34<br>N                  | 55.68<br>0.89<br>0.00<br>N                 | 55.50<br>0.92<br>0.00<br>N                 | 74.18<br>1.16<br>0.00<br>N                 | 76.80<br>1.12<br>0.00<br>N                 | 48.56<br>0.69<br>0.00<br>N                 | 53.26<br>0.81<br>0.00<br>N                 | 59.73<br>1.13<br>-2.05<br>N                  | 50.23<br>1.03<br>0.00<br>N                 | 66.34<br>1.32<br>0.00<br>N                 | 66.41<br>1.12<br>0.00<br>N                 | 37.77<br>0.53<br>0.00<br>N                 | 39.78<br>0.19<br>0.00<br>N                 | 57.63<br>0.15<br>0.00<br>N                 |
| MILLWD<br>61759                 | 57.29<br>3.01<br>0.18<br>N                 | 44.97<br>2.32<br>0.26<br>N                 | 41.07<br>2.16<br>0.31<br>N                 | 25.63<br>1.32<br>0.03<br>N                 | 5.95<br>0.31<br>0.00<br>N                 | 24.77<br>1.44<br>0.08<br>N                 | 69.94<br>4.87<br>0.53<br>N                 | 80.87<br>6.26<br>0.66<br>N                 | 3.55<br>-0.43<br>-9.32<br>N                  | 62.61<br>4.33<br>-8.39<br>N                  | 60.29<br>3.14<br>-21.34<br>N                 | 59.03<br>4.80<br>0.56<br>N                 | 58.66<br>4.63<br>0.54<br>N                 | 78.36<br>6.03<br>0.69<br>N                 | 81.05<br>6.01<br>0.63<br>N                 | 51.36<br>3.78<br>0.29<br>N                 | 56.52<br>4.40<br>0.32<br>N                 | 74.97<br>5.29<br>-13.12<br>N                 | 53.62<br>4.71<br>0.30<br>N                 | 70.70<br>6.26<br>0.58<br>N                 | 70.62<br>6.08<br>0.75<br>N                 | 40.04<br>3.18<br>0.38<br>N                 | 41.41<br>2.75<br>0.94<br>N                 | 60.47<br>3.57<br>0.58<br>N                 |
| N.Y.C.<br>61761                 | 58.46<br>3.36<br>-0.64<br>N                | 70.09<br>2.58<br>-24.60<br>N               | 42.04<br>2.37<br>-0.46<br>N                | 25.74<br>1.43<br>0.03<br>N                 | 5.97<br>0.33<br>0.00<br>N                 | 32.06<br>1.56<br>-7.09<br>N                | 85.25<br>5.27<br>-14.38<br>N               | 94.76<br>6.90<br>-12.59<br>N               | 9.19<br>-0.49<br>-15.01<br>N                 | 66.96<br>4.87<br>-12.20<br>N                 | 68.67<br>3.50<br>-29.37<br>N                 | 61.45<br>5.35<br>-1.31<br>N                | 95.90<br>5.14<br>-36.19<br>N               | 85.97<br>6.75<br>-6.21<br>N                | 82.86<br>6.76<br>-0.41<br>N                | 62.10<br>4.20<br>-10.03<br>N               | 69.94<br>4.88<br>-12.62<br>N               | 77.21<br>5.79<br>-14.86<br>N                 | 71.27<br>5.12<br>-16.95<br>N               | 82.10<br>6.74<br>-10.35<br>N               | 74.58<br>6.59<br>-2.70<br>N                | 53.27<br>3.48<br>-12.54<br>N               | 72.97<br>2.83<br>-30.55<br>N               | 62.26<br>3.94<br>-0.84<br>N                |

|                |       |       |       |       |       |       |       |       |        |        |        |       |       |       |       |       |       |       |       |       |       |       |        |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| NORTH<br>61755 | 54.56 | 43.09 | 39.39 | 24.41 | 5.65  | 23.44 | 65.26 | 74.57 | -5.34  | 49.10  | 35.29  | 54.19 | 54.27 | 72.75 | 75.51 | 47.75 | 52.00 | 55.93 | 48.50 | 63.99 | 64.39 | 36.92 | 39.78  | 57.62 |
|                | 0.09  | 0.18  | 0.17  | 0.07  | 0.01  | 0.02  | -0.34 | -0.70 | 0.00   | -0.79  | -0.52  | -0.60 | -0.30 | -0.26 | -0.17 | -0.12 | -0.45 | -0.63 | -0.70 | -1.03 | -0.90 | -0.32 | 0.18   | 0.14  |
|                | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   |       |
|                | 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   | 56.97 | 44.70 | 40.98 | 50.00 | 48.50 | 24.63 | 68.89 | 79.06 | 5.38   | 95.00  | 63.33  | 57.74 | 57.58 | 77.14 | 79.84 | 50.38 | 55.29 | 75.14 | 52.08 | 68.80 | 68.92 | 39.19 | 41.05  | 78.05 |
|                | 2.66  | 2.01  | 2.03  | 2.61  | 2.12  | 1.29  | 3.75  | 4.36  | -0.27  | 4.23   | 2.29   | 3.42  | 3.47  | 4.71  | 4.70  | 2.76  | 3.12  | 4.67  | 3.14  | 4.28  | 4.26  | 2.27  | 2.26   | 3.32  |
|                | 0.16  | 0.22  | 0.26  | 0.12  | -7.56 | 0.07  | 0.45  | 0.57  | -10.99 | -23.68 | -25.24 | 0.48  | 0.46  | 0.59  | 0.54  | 0.25  | 0.28  | 1.21  | 0.26  | 0.50  | 0.64  | 0.33  | 0.81   | -9.48 |
|                | 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   | 35.45 | 19.79 | 13.23 | 19.41 | 4.99  | 14.64 | 21.24 | 20.69 | -8.93  | 19.68  | 8.39   | 9.57  | 10.79 | 16.82 | 22.58 | 22.15 | 24.15 | 1.00  | 22.64 | 17.57 | 5.78  | 6.39  | -30.76 | 18.00 |
|                | -6.70 | -5.46 | -5.09 | -3.00 | -0.65 | -2.98 | -8.45 | -9.21 | 0.53   | -8.80  | -4.40  | -6.99 | -6.83 | -9.06 | -9.53 | -5.86 | -6.29 | -7.61 | -5.88 | -7.69 | -7.86 | -4.39 | -5.59  | -7.08 |
|                | 12.31 | 17.66 | 20.90 | 1.93  | 0.00  | 5.80  | 35.90 | 45.38 | 4.12   | 38.61  | 23.01  | 38.22 | 36.95 | 47.14 | 43.57 | 19.85 | 22.00 | 63.07 | 20.69 | 39.75 | 51.66 | 26.47 | 64.76  | 40.17 |
|                | 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   | 42.01 | 28.71 | 31.99 | 21.99 | 5.16  | 20.17 | 44.01 | 61.27 | 79.00  | 75.90  | 43.68  | 44.14 | 43.24 | 57.96 | 55.29 | 55.00 | 44.33 | 56.24 | 42.34 | 54.36 | 51.80 | 30.24 | 22.82  | 35.00 |
|                | 0.00  | -0.25 | -3.24 | -1.99 | -0.48 | -2.14 | 0.80  | -5.34 | 3.29   | 0.96   | -2.68  | -3.37 | -4.28 | -6.08 | 1.24  | 1.45  | -3.92 | 2.23  | -2.92 | -3.08 | -3.65 | -1.96 | -4.44  | -2.87 |
|                | 4.84  | 16.37 | 3.99  | 0.37  | 0.00  | 1.11  | -0.94 | 8.66  | 4.58   | -7.85  | -10.56 | 7.28  | 7.04  | 8.98  | 10.60 | 22.83 | 4.19  | 17.67 | 3.94  | 7.58  | 9.84  | 5.05  | 12.34  | 27.38 |
|                | 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  | 36.99 | 21.70 | 15.47 | 19.95 | 5.08  | 15.46 | 25.32 | 25.87 | -8.33  | 18.07  | 11.68  | 13.95 | 14.94 | 22.00 | 27.53 | 24.72 | 27.03 | 35.05 | 25.61 | 22.68 | 11.69 | 9.38  | -25.14 | 14.42 |
|                | -6.01 | -4.82 | -4.42 | -2.61 | -0.56 | -2.60 | -7.10 | -7.50 | 0.53   | -4.88  | -3.52  | -5.58 | -5.54 | -7.52 | -7.94 | -4.83 | -5.10 | -5.34 | -4.50 | -5.68 | -5.96 | -3.44 | -4.98  | -6.09 |
|                | 11.47 | 16.39 | 19.33 | 1.79  | 0.00  | 5.36  | 33.18 | 41.90 | 3.53   | 26.95  | 20.60  | 35.26 | 34.09 | 43.50 | 40.20 | 18.32 | 20.31 | 16.17 | 19.09 | 36.66 | 47.64 | 24.42 | 59.76  | 36.98 |
|                | N     | N     | N     | N     | N     | N     | N     | N     | N      | N      | N      | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N      | N     |