

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

11/07/2011

| Name<br>PTID<br>CAPITL<br>61757 | 00:00<br>EST<br>27.21<br>1.00<br>0.00<br>N | 01:00<br>EST<br>31.22<br>1.28<br>0.00<br>N | 02:00<br>EST<br>29.85<br>1.08<br>0.00<br>N | 03:00<br>EST<br>30.03<br>1.07<br>0.00<br>N | 04:00<br>EST<br>30.88<br>1.16<br>0.00<br>N | 05:00<br>EST<br>33.33<br>1.37<br>0.00<br>N | 06:00<br>EST<br>48.30<br>1.95<br>0.00<br>N | 07:00<br>EST<br>41.93<br>2.26<br>0.00<br>N | 08:00<br>EST<br>38.84<br>2.28<br>0.00<br>N | 09:00<br>EST<br>39.06<br>2.18<br>0.00<br>N | 10:00<br>EST<br>39.42<br>1.70<br>0.00<br>N | 11:00<br>EST<br>39.52<br>1.76<br>0.00<br>N | 12:00<br>EST<br>39.27<br>1.76<br>0.00<br>N | 13:00<br>EST<br>38.85<br>1.71<br>0.00<br>N | 14:00<br>EST<br>38.05<br>1.60<br>0.00<br>N | 15:00<br>EST<br>38.05<br>1.64<br>0.00<br>N | 16:00<br>EST<br>63.45<br>2.77<br>0.00<br>N | 17:00<br>EST<br>315.21<br>15.42<br>-1.40<br>N | 18:00<br>EST<br>91.85<br>4.23<br>-2.30<br>N | 19:00<br>EST<br>37.62<br>1.94<br>0.00<br>N | 20:00<br>EST<br>45.41<br>1.92<br>0.00<br>N | 21:00<br>EST<br>33.30<br>1.22<br>0.00<br>N | 22:00<br>EST<br>27.69<br>0.90<br>0.00<br>N | 23:00<br>EST<br>27.45<br>0.70<br>0.00<br>N |
|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|--|--|
| CENTRL<br>61754                 | 26.37<br>0.16<br>0.00<br>N                 | 30.06<br>0.12<br>0.00<br>N                 | 28.86<br>0.09<br>0.00<br>N                 | 29.13<br>0.17<br>0.00<br>N                 | 29.93<br>0.20<br>0.00<br>N                 | 32.57<br>0.61<br>0.00<br>N                 | 47.65<br>1.30<br>0.00<br>N                 | 40.76<br>1.08<br>0.00<br>N                 | 37.72<br>1.16<br>0.00<br>N                 | 38.04<br>1.15<br>0.00<br>N                 | 38.65<br>0.94<br>0.00<br>N                 | 38.53<br>0.77<br>0.00<br>N                 | 38.21<br>0.70<br>0.00<br>N                 | 37.78<br>0.63<br>0.00<br>N                 | 37.08<br>0.63<br>0.00<br>N                 | 37.11<br>0.69<br>0.00<br>N                 | 61.98<br>1.30<br>0.00<br>N                 | 303.61<br>5.22<br>0.00<br>N                   | 86.89<br>1.57<br>0.00<br>N                  | 36.49<br>0.81<br>0.00<br>N                 | 44.38<br>0.90<br>0.00<br>N                 | 32.66<br>0.58<br>0.00<br>N                 | 27.30<br>0.51<br>0.00<br>N                 | 27.11<br>0.36<br>0.00<br>N                 |
| DUNWOD<br>61760                 | 27.70<br>1.49<br>0.00<br>N                 | 31.77<br>1.83<br>0.00<br>N                 | 30.30<br>1.52<br>0.00<br>N                 | 30.48<br>1.53<br>0.00<br>N                 | 31.36<br>1.64<br>0.00<br>N                 | 34.22<br>2.25<br>0.00<br>N                 | 49.76<br>3.40<br>0.00<br>N                 | 43.69<br>4.01<br>0.00<br>N                 | 40.64<br>4.08<br>0.00<br>N                 | 40.82<br>3.94<br>0.00<br>N                 | 40.96<br>3.24<br>0.00<br>N                 | 41.03<br>3.28<br>0.00<br>N                 | 40.82<br>3.30<br>0.00<br>N                 | 40.47<br>3.32<br>0.00<br>N                 | 39.72<br>3.27<br>0.00<br>N                 | 39.73<br>3.32<br>0.00<br>N                 | 66.03<br>5.35<br>0.00<br>N                 | 378.12<br>29.01<br>-50.71<br>N                | 176.53<br>8.17<br>-83.03<br>N               | 39.17<br>3.48<br>0.00<br>N                 | 47.29<br>3.81<br>0.00<br>N                 | 34.66<br>2.58<br>0.00<br>N                 | 28.69<br>1.89<br>0.00<br>N                 | 28.21<br>1.46<br>0.00<br>N                 |
| GENESE<br>61753                 | 25.67<br>-0.55<br>0.00<br>N                | 29.11<br>-0.84<br>0.00<br>N                | 27.96<br>-0.82<br>0.00<br>N                | 28.23<br>-0.73<br>0.00<br>N                | 29.00<br>-0.72<br>0.00<br>N                | 31.56<br>-0.41<br>0.00<br>N                | 45.72<br>-0.64<br>0.00<br>N                | 38.97<br>-0.70<br>0.00<br>N                | 36.00<br>-0.56<br>0.00<br>N                | 36.45<br>-0.43<br>0.00<br>N                | 37.19<br>-0.52<br>0.00<br>N                | 37.15<br>-0.60<br>0.00<br>N                | 36.90<br>-0.62<br>0.00<br>N                | 36.47<br>-0.67<br>0.00<br>N                | 35.76<br>-0.70<br>0.00<br>N                | 35.80<br>-0.61<br>0.00<br>N                | 60.16<br>-0.52<br>0.00<br>N                | 292.84<br>-5.55<br>0.00<br>N                  | 84.19<br>-1.13<br>0.00<br>N                 | 35.46<br>-0.23<br>0.00<br>N                | 43.01<br>-0.48<br>0.00<br>N                | 31.84<br>-0.24<br>0.00<br>N                | 26.68<br>-0.12<br>0.00<br>N                | 26.59<br>-0.16<br>0.00<br>N                |
| H Q<br>61844                    | 26.19<br>-0.02<br>0.00<br>N                | 29.88<br>-0.06<br>0.00<br>N                | 28.82<br>0.04<br>0.00<br>N                 | 28.99<br>0.03<br>0.00<br>N                 | 29.70<br>-0.03<br>0.00<br>N                | 32.46<br>-0.34<br>0.00<br>N                | 41.55<br>-0.74<br>0.00<br>N                | 38.40<br>-1.01<br>0.00<br>N                | 35.57<br>-0.99<br>0.00<br>N                | 35.90<br>-0.99<br>0.00<br>N                | 37.27<br>-0.89<br>0.00<br>N                | 36.90<br>-0.86<br>0.00<br>N                | 36.67<br>-0.85<br>0.00<br>N                | 36.30<br>-0.85<br>0.00<br>N                | 35.60<br>-0.85<br>0.00<br>N                | 35.54<br>-0.87<br>0.00<br>N                | 40.29<br>-1.05<br>0.00<br>N                | 289.75<br>-8.64<br>0.00<br>N                  | 82.83<br>-2.49<br>0.00<br>N                 | 34.56<br>-1.12<br>0.00<br>N                | 42.37<br>-1.11<br>0.00<br>N                | 31.42<br>-0.66<br>0.00<br>N                | 26.75<br>-0.44<br>0.00<br>N                | 28.21<br>-0.19<br>0.00<br>N                |
| HUD VL<br>61758                 | 27.80<br>1.59<br>0.00<br>N                 | 31.89<br>1.94<br>0.00<br>N                 | 30.44<br>1.66<br>0.00<br>N                 | 30.63<br>1.67<br>0.00<br>N                 | 31.52<br>1.79<br>0.00<br>N                 | 34.38<br>2.41<br>0.00<br>N                 | 49.96<br>3.61<br>0.00<br>N                 | 43.79<br>4.12<br>0.00<br>N                 | 40.73<br>4.17<br>0.00<br>N                 | 40.90<br>4.01<br>0.00<br>N                 | 41.01<br>3.28<br>0.00<br>N                 | 41.06<br>3.30<br>0.00<br>N                 | 40.82<br>3.30<br>0.00<br>N                 | 40.44<br>3.29<br>0.00<br>N                 | 39.65<br>3.20<br>0.00<br>N                 | 39.69<br>3.27<br>0.00<br>N                 | 65.97<br>5.29<br>0.00<br>N                 | 368.90<br>28.69<br>-41.82<br>N                | 161.84<br>8.05<br>-68.47<br>N               | 39.16<br>3.47<br>0.00<br>N                 | 47.23<br>3.75<br>0.00<br>N                 | 34.63<br>2.55<br>0.00<br>N                 | 28.70<br>1.91<br>0.00<br>N                 | 28.29<br>1.54<br>0.00<br>N                 |
| LONGIL<br>61762                 | 28.59<br>2.38<br>0.00<br>N                 | 32.86<br>2.91<br>0.00<br>N                 | 31.51<br>2.73<br>0.00<br>N                 | 31.71<br>2.75<br>0.00<br>N                 | 32.67<br>2.95<br>0.00<br>N                 | 35.66<br>3.70<br>0.00<br>N                 | 51.79<br>5.44<br>0.00<br>N                 | 45.31<br>5.64<br>0.00<br>N                 | 41.62<br>5.06<br>0.00<br>N                 | 41.99<br>5.11<br>0.00<br>N                 | 41.95<br>4.23<br>0.00<br>N                 | 42.25<br>4.50<br>0.00<br>N                 | 42.00<br>4.48<br>0.00<br>N                 | 41.65<br>4.51<br>0.00<br>N                 | 40.74<br>4.29<br>0.00<br>N                 | 40.79<br>4.38<br>0.00<br>N                 | 67.54<br>6.86<br>0.00<br>N                 | 384.22<br>35.07<br>-50.76<br>N                | 179.55<br>11.11<br>-83.12<br>N              | 54.54<br>4.89<br>-13.97<br>N               | 63.44<br>5.38<br>-14.58<br>N               | 37.87<br>3.81<br>-1.99<br>N                | 47.88<br>3.04<br>-18.04<br>N               | 29.20<br>2.46<br>0.00<br>N                 |
| MHK VL<br>61756                 | 26.78<br>0.57<br>0.00<br>N                 | 30.60<br>0.65<br>0.00<br>N                 | 29.38<br>0.60<br>0.00<br>N                 | 29.60<br>0.64<br>0.00<br>N                 | 30.45<br>0.74<br>0.00<br>N                 | 33.04<br>1.07<br>0.00<br>N                 | 48.27<br>1.92<br>0.00<br>N                 | 41.53<br>1.85<br>0.00<br>N                 | 38.36<br>1.80<br>0.00<br>N                 | 38.62<br>1.73<br>0.00<br>N                 | 39.29<br>1.57<br>0.00<br>N                 | 39.33<br>1.57<br>0.00<br>N                 | 38.99<br>1.47<br>0.00<br>N                 | 38.50<br>1.35<br>0.00<br>N                 | 37.73<br>1.28<br>0.00<br>N                 | 37.76<br>1.35<br>0.00<br>N                 | 62.78<br>2.10<br>0.00<br>N                 | 312.27<br>10.99<br>-2.89<br>N                 | 93.16<br>3.10<br>-4.74<br>N                 | 37.13<br>1.45<br>0.00<br>N                 | 45.12<br>1.64<br>0.00<br>N                 | 33.16<br>1.08<br>0.00<br>N                 | 27.61<br>0.81<br>0.00<br>N                 | 27.42<br>0.67<br>0.00<br>N                 |
| MILLWD<br>61759                 | 27.69<br>1.47<br>0.00<br>N                 | 31.75<br>1.81<br>0.00<br>N                 | 30.29<br>1.52<br>0.00<br>N                 | 30.47<br>1.52<br>0.00<br>N                 | 31.35<br>1.63<br>0.00<br>N                 | 34.22<br>2.26<br>0.00<br>N                 | 49.80<br>3.45<br>0.00<br>N                 | 43.74<br>4.06<br>0.00<br>N                 | 40.68<br>4.12<br>0.00<br>N                 | 40.85<br>3.97<br>0.00<br>N                 | 40.97<br>3.25<br>0.00<br>N                 | 41.02<br>3.26<br>0.00<br>N                 | 40.79<br>3.28<br>0.00<br>N                 | 40.44<br>3.29<br>0.00<br>N                 | 39.69<br>3.23<br>0.00<br>N                 | 39.69<br>3.28<br>0.00<br>N                 | 65.98<br>5.31<br>0.00<br>N                 | 377.45<br>29.21<br>-49.85<br>N                | 175.18<br>8.24<br>-81.61<br>N               | 39.17<br>3.48<br>0.00<br>N                 | 47.29<br>3.81<br>0.00<br>N                 | 34.66<br>2.58<br>0.00<br>N                 | 28.68<br>1.88<br>0.00<br>N                 | 28.19<br>1.45<br>0.00<br>N                 |
| N.Y.C.<br>61761                 | 27.82<br>1.61<br>0.00<br>N                 | 31.90<br>1.95<br>0.00<br>N                 | 30.42<br>1.64<br>0.00<br>N                 | 30.60<br>1.64<br>0.00<br>N                 | 31.46<br>1.74<br>0.00<br>N                 | 34.37<br>2.40<br>0.00<br>N                 | 49.97<br>3.62<br>0.00<br>N                 | 44.38<br>4.27<br>-0.43<br>N                | 42.22<br>4.34<br>-1.33<br>N                | 41.24<br>4.21<br>-0.14<br>N                | 41.26<br>3.54<br>0.00<br>N                 | 41.33<br>3.57<br>0.00<br>N                 | 41.13<br>3.62<br>0.00<br>N                 | 40.79<br>3.65<br>0.00<br>N                 | 40.05<br>3.60<br>0.00<br>N                 | 40.05<br>3.63<br>0.00<br>N                 | 66.48<br>5.81<br>0.00<br>N                 | 378.76<br>30.64<br>-49.73<br>N                | 177.13<br>8.71<br>-83.09<br>N               | 39.43<br>3.75<br>0.00<br>N                 | 47.60<br>4.11<br>0.00<br>N                 | 35.61<br>2.80<br>-0.74<br>N                | 28.87<br>2.08<br>0.00<br>N                 | 28.33<br>1.58<br>0.00<br>N                 |

|                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|
| NORTH<br>61755 | 26.33 | 30.00 | 28.89 | 29.05 | 29.77 | 31.73 | 45.68 | 38.48 | 35.42 | 35.77 | 36.90 | 37.03 | 36.75 | 36.36 | 35.60 | 35.44 | 58.37 | 285.60 | 81.53  | 34.06 | 41.94 | 31.14 | 26.23 | 26.52 |
|                | 0.12  | 0.05  | 0.11  | 0.09  | 0.05  | -0.23 | -0.68 | -1.20 | -1.13 | -1.12 | -0.82 | -0.73 | -0.76 | -0.79 | -0.85 | -0.97 | -2.31 | -12.79 | -3.80  | -1.62 | -1.54 | -0.94 | -0.57 | -0.22 |
|                | 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   | 27.33 | 31.39 | 29.95 | 30.10 | 30.97 | 36.46 | 39.96 | 39.50 | 39.37 | 39.55 | 44.10 | 39.91 | 39.67 | 39.30 | 38.52 | 38.52 | 44.20 | 339.59 | 127.33 | 38.00 | 45.88 | 33.68 | 27.97 | 27.64 |
|                | 1.11  | 1.45  | 1.18  | 1.14  | 1.25  | 1.78  | 1.90  | 2.02  | 2.81  | 2.67  | 2.74  | 2.15  | 2.16  | 2.15  | 2.07  | 2.11  | 2.12  | 18.73  | 5.21   | 2.31  | 2.40  | 1.60  | 1.17  | 0.90  |
|                | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -1.99 | -0.29 | -2.39 | 0.00  | 0.00  | -3.99 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -3.93 | -22.47 | -36.79 | 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     |
| O H<br>61846   | 25.08 | 28.33 | 27.25 | 27.55 | 28.21 | 33.15 | 36.58 | 35.32 | 34.06 | 34.63 | 38.87 | 35.20 | 34.98 | 34.56 | 33.86 | 33.91 | 40.07 | 46.94  | 79.49  | 33.53 | 40.88 | 30.51 | 25.78 | 25.93 |
|                | -1.14 | -1.62 | -1.53 | -1.41 | -1.51 | -1.53 | -1.48 | -2.17 | -2.50 | -2.25 | -2.49 | -2.55 | -2.54 | -2.59 | -2.59 | -2.50 | -2.40 | -2.33  | -5.84  | -2.15 | -2.61 | -1.56 | -1.02 | -0.81 |
|                | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -1.99 | -0.29 | -2.39 | 0.00  | 0.00  | -3.99 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -4.32 | -6.68  | 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     |
| PJM<br>61847   | 26.85 | 30.74 | 29.41 | 29.66 | 30.45 | 36.14 | 40.00 | 39.44 | 39.15 | 39.35 | 43.86 | 39.37 | 39.10 | 38.75 | 38.07 | 38.07 | 43.61 | 341.25 | 138.25 | 37.32 | 45.32 | 33.27 | 27.71 | 27.35 |
|                | 0.64  | 0.79  | 0.63  | 0.70  | 0.73  | 1.46  | 1.94  | 1.96  | 2.60  | 2.47  | 2.49  | 1.62  | 1.59  | 1.60  | 1.62  | 1.66  | 1.63  | 12.76  | 3.66   | 1.63  | 1.84  | 1.19  | 0.92  | 0.60  |
|                | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -1.99 | -0.29 | -2.39 | 0.00  | 0.00  | -3.99 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -3.83 | -30.09 | -49.27 | 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     |
| WEST<br>61752  | 25.58 | 28.94 | 27.82 | 28.14 | 28.83 | 31.51 | 45.72 | 38.58 | 35.68 | 36.22 | 36.91 | 36.62 | 36.33 | 35.89 | 35.16 | 35.23 | 59.00 | 283.62 | 81.96  | 34.64 | 42.25 | 31.37 | 26.46 | 26.47 |
|                | -0.63 | -1.01 | -0.96 | -0.82 | -0.89 | -0.46 | -0.64 | -1.10 | -0.88 | -0.66 | -0.81 | -1.13 | -1.18 | -1.26 | -1.30 | -1.18 | -1.67 | -14.78 | -3.36  | -1.05 | -1.23 | -0.71 | -0.34 | -0.27 |
|                | 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     |