

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

03/14/2011

| Name<br>PTID<br>CAPITL | 00:00<br>EDT                 | 01:00<br>EDT                | 02:00<br>EDT                | 03:00<br>EDT                | 04:00<br>EDT                | 05:00<br>EDT                | 06:00<br>EDT                 | 07:00<br>EDT                  | 08:00<br>EDT                | 09:00<br>EDT                | 10:00<br>EDT                | 11:00<br>EDT                | 12:00<br>EDT                | 13:00<br>EDT                | 14:00<br>EDT                | 15:00<br>EDT                 | 16:00<br>EDT                | 17:00<br>EDT                 | 18:00<br>EDT                 | 19:00<br>EDT                 | 20:00<br>EDT                 | 21:00<br>EDT                 | 22:00<br>EDT                 | 23:00<br>EDT                 |
|------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 61757                  | 34.21<br>0.80<br>0.00<br>N   | 30.50<br>0.70<br>0.00<br>N  | 32.35<br>0.74<br>0.00<br>N  | 29.41<br>0.64<br>0.00<br>N  | 31.55<br>0.69<br>0.00<br>N  | 34.14<br>1.10<br>0.00<br>N  | 40.51<br>2.07<br>0.00<br>N   | 78.99<br>4.55<br>0.00<br>N    | 44.29<br>2.57<br>0.00<br>N  | 41.84<br>2.49<br>0.00<br>N  | 43.70<br>2.67<br>0.00<br>N  | 45.48<br>2.74<br>0.00<br>N  | 45.65<br>2.83<br>0.00<br>N  | 47.02<br>2.98<br>0.00<br>N  | 42.96<br>2.47<br>0.00<br>N  | 39.44<br>2.22<br>0.00<br>N   | 43.45<br>2.47<br>0.00<br>N  | 53.62<br>2.97<br>-9.10<br>N  | 56.37<br>1.53<br>-34.10<br>N | 85.38<br>5.85<br>0.00<br>N   | 41.18<br>2.52<br>0.00<br>N   | 36.92<br>1.93<br>0.00<br>N   | 34.75<br>1.52<br>0.00<br>N   | 30.89<br>1.15<br>0.00<br>N   |
| CENTRL<br>61754        | 33.54<br>0.14<br>0.00<br>N   | 30.04<br>0.25<br>0.00<br>N  | 31.87<br>0.26<br>0.00<br>N  | 29.02<br>0.25<br>0.00<br>N  | 31.15<br>0.29<br>0.00<br>N  | 33.60<br>0.56<br>0.00<br>N  | 39.58<br>1.14<br>0.00<br>N   | 77.05<br>2.61<br>0.00<br>N    | 43.10<br>1.38<br>0.00<br>N  | 40.58<br>1.22<br>0.00<br>N  | 42.07<br>1.04<br>0.00<br>N  | 43.86<br>1.12<br>0.00<br>N  | 43.87<br>1.05<br>0.00<br>N  | 45.17<br>1.13<br>0.00<br>N  | 41.52<br>1.03<br>0.00<br>N  | 38.18<br>0.96<br>0.00<br>N   | 41.94<br>0.96<br>0.00<br>N  | 43.55<br>0.95<br>-1.05<br>N  | 25.19<br>0.52<br>-3.93<br>N  | 80.90<br>1.36<br>0.00<br>N   | 39.52<br>0.86<br>0.00<br>N   | 35.70<br>0.72<br>0.00<br>N   | 33.85<br>0.62<br>0.00<br>N   | 30.16<br>0.42<br>0.00<br>N   |
| DUNWOD<br>61760        | 35.67<br>2.27<br>0.00<br>N   | 31.83<br>2.04<br>0.00<br>N  | 33.69<br>2.08<br>0.00<br>N  | 30.60<br>1.84<br>0.00<br>N  | 32.91<br>2.05<br>0.00<br>N  | 35.63<br>2.60<br>0.00<br>N  | 42.51<br>4.07<br>0.00<br>N   | 82.89<br>8.45<br>0.00<br>N    | 46.54<br>4.82<br>0.00<br>N  | 43.98<br>4.62<br>0.00<br>N  | 45.98<br>4.95<br>0.00<br>N  | 47.79<br>5.05<br>0.00<br>N  | 47.85<br>5.03<br>0.00<br>N  | 49.29<br>5.25<br>0.00<br>N  | 45.35<br>4.86<br>0.00<br>N  | 41.64<br>4.42<br>0.00<br>N   | 45.73<br>4.75<br>0.00<br>N  | 53.41<br>4.89<br>-6.97<br>N  | 49.38<br>2.53<br>-26.11<br>N | 89.30<br>9.76<br>0.00<br>N   | 43.30<br>4.63<br>0.00<br>N   | 38.91<br>3.93<br>0.00<br>N   | 36.56<br>3.33<br>0.00<br>N   | 32.33<br>2.59<br>0.00<br>N   |
| GENESE<br>61753        | 32.70<br>-0.70<br>0.00<br>N  | 29.18<br>-0.62<br>0.00<br>N | 30.99<br>-0.62<br>0.00<br>N | 28.29<br>-0.48<br>0.00<br>N | 30.31<br>-0.54<br>0.00<br>N | 32.73<br>-0.31<br>0.00<br>N | 38.00<br>-0.44<br>0.00<br>N  | 74.12<br>-0.32<br>0.00<br>N   | 41.49<br>-0.22<br>0.00<br>N | 39.13<br>-0.22<br>0.00<br>N | 40.41<br>-0.62<br>0.00<br>N | 42.19<br>-0.55<br>0.00<br>N | 42.17<br>-0.65<br>0.00<br>N | 43.25<br>-0.80<br>0.00<br>N | 39.86<br>-0.62<br>0.00<br>N | 36.73<br>-0.49<br>0.00<br>N  | 40.31<br>-0.67<br>0.00<br>N | 41.54<br>-0.78<br>-0.77<br>N | 23.17<br>-0.46<br>-2.89<br>N | 76.69<br>-2.85<br>0.00<br>N  | 37.81<br>-0.86<br>0.00<br>N  | 34.36<br>-0.63<br>0.00<br>N  | 32.74<br>-0.49<br>0.00<br>N  | 29.41<br>-0.33<br>0.00<br>N  |
| H Q<br>61844           | 33.17<br>-0.24<br>0.00<br>N  | 29.59<br>-0.20<br>0.00<br>N | 31.43<br>-0.18<br>0.00<br>N | 28.60<br>-0.17<br>0.00<br>N | 30.65<br>-0.21<br>0.00<br>N | 32.55<br>-0.49<br>0.00<br>N | 37.30<br>-1.14<br>0.00<br>N  | 71.84<br>-2.61<br>0.00<br>N   | 0.00<br>-1.36<br>38.58<br>N | 0.00<br>-1.48<br>40.72<br>N | 0.00<br>-1.43<br>38.74<br>N | 0.00<br>-1.56<br>41.59<br>N | 0.00<br>-1.49<br>43.78<br>N | 0.00<br>-1.46<br>42.84<br>N | 0.00<br>-1.36<br>39.42<br>N | 0.00<br>-1.27<br>37.22<br>N  | 0.00<br>-1.19<br>37.77<br>N | 11.11<br>-1.36<br>29.59<br>N | 7.03<br>-1.11<br>25.44<br>N  | 7.03<br>-1.20<br>27.29<br>N  | 0.00<br>-1.54<br>42.44<br>N  | 33.97<br>-1.01<br>0.00<br>N  | 32.46<br>-0.78<br>0.00<br>N  | 29.23<br>-0.51<br>0.00<br>N  |
| HUD VL<br>61758        | 35.70<br>2.30<br>0.00<br>N   | 31.85<br>2.06<br>0.00<br>N  | 33.73<br>2.13<br>0.00<br>N  | 30.67<br>1.90<br>0.00<br>N  | 32.98<br>2.12<br>0.00<br>N  | 35.73<br>2.69<br>0.00<br>N  | 42.54<br>4.10<br>0.00<br>N   | 82.90<br>8.45<br>0.00<br>N    | 46.46<br>4.74<br>0.00<br>N  | 43.83<br>4.48<br>0.00<br>N  | 45.75<br>4.73<br>0.00<br>N  | 47.56<br>4.82<br>0.00<br>N  | 47.64<br>4.82<br>0.00<br>N  | 49.08<br>5.03<br>0.00<br>N  | 45.12<br>4.63<br>0.00<br>N  | 41.46<br>4.24<br>0.00<br>N   | 45.55<br>4.56<br>0.00<br>N  | 53.01<br>4.66<br>-6.81<br>N  | 48.63<br>2.40<br>-25.49<br>N | 88.91<br>9.38<br>0.00<br>N   | 43.16<br>4.49<br>0.00<br>N   | 38.83<br>3.84<br>0.00<br>N   | 36.54<br>3.30<br>0.00<br>N   | 32.34<br>2.60<br>0.00<br>N   |
| LONGIL<br>61762        | 36.07<br>2.66<br>0.00<br>N   | 32.35<br>2.55<br>0.00<br>N  | 34.19<br>2.58<br>0.00<br>N  | 31.05<br>2.28<br>0.00<br>N  | 33.41<br>2.54<br>0.00<br>N  | 36.46<br>3.42<br>0.00<br>N  | 43.80<br>5.36<br>0.00<br>N   | 84.96<br>10.52<br>0.00<br>N   | 47.71<br>6.00<br>0.00<br>N  | 44.89<br>5.53<br>0.00<br>N  | 47.31<br>6.25<br>-0.03<br>N | 49.16<br>6.41<br>-0.01<br>N | 49.15<br>6.26<br>-0.08<br>N | 50.37<br>6.32<br>0.00<br>N  | 46.67<br>6.12<br>-0.06<br>N | 59.16<br>5.61<br>-16.33<br>N | 54.37<br>5.82<br>-7.56<br>N | 54.86<br>5.63<br>-7.67<br>N  | 49.88<br>2.97<br>-26.18<br>N | 93.43<br>11.69<br>-2.21<br>N | 52.46<br>5.90<br>-7.90<br>N  | 64.32<br>5.07<br>-24.27<br>N | 37.62<br>4.24<br>-0.14<br>N  | 33.03<br>3.29<br>0.00<br>N   |
| MHK VL<br>61756        | 34.08<br>0.68<br>0.00<br>N   | 30.44<br>0.64<br>0.00<br>N  | 32.28<br>0.67<br>0.00<br>N  | 29.39<br>0.63<br>0.00<br>N  | 31.55<br>0.69<br>0.00<br>N  | 34.03<br>0.99<br>0.00<br>N  | 40.01<br>1.58<br>0.00<br>N   | 77.73<br>3.29<br>0.00<br>N    | 43.55<br>1.84<br>0.00<br>N  | 41.01<br>1.66<br>0.00<br>N  | 42.76<br>1.73<br>0.00<br>N  | 44.60<br>1.87<br>0.00<br>N  | 44.51<br>1.69<br>0.00<br>N  | 45.75<br>1.71<br>0.00<br>N  | 42.01<br>1.52<br>0.00<br>N  | 38.61<br>1.38<br>0.00<br>N   | 42.51<br>1.52<br>0.00<br>N  | 44.06<br>1.52<br>-0.99<br>N  | 25.25<br>0.79<br>-3.73<br>N  | 82.69<br>3.15<br>0.00<br>N   | 40.25<br>1.58<br>0.00<br>N   | 36.30<br>1.31<br>0.00<br>N   | 34.34<br>1.10<br>0.00<br>N   | 30.53<br>0.79<br>0.00<br>N   |
| MILLWD<br>61759        | 35.64<br>2.24<br>0.00<br>N   | 31.80<br>2.00<br>0.00<br>N  | 33.67<br>2.06<br>0.00<br>N  | 30.58<br>1.81<br>0.00<br>N  | 32.88<br>2.02<br>0.00<br>N  | 35.61<br>2.57<br>0.00<br>N  | 42.49<br>4.05<br>0.00<br>N   | 82.90<br>8.45<br>0.00<br>N    | 46.51<br>4.80<br>0.00<br>N  | 43.89<br>4.53<br>0.00<br>N  | 45.89<br>4.86<br>0.00<br>N  | 47.70<br>4.96<br>0.00<br>N  | 47.75<br>4.93<br>0.00<br>N  | 49.20<br>5.16<br>0.00<br>N  | 45.26<br>4.77<br>0.00<br>N  | 41.56<br>4.34<br>0.00<br>N   | 45.66<br>4.67<br>0.00<br>N  | 53.35<br>4.81<br>-6.99<br>N  | 49.40<br>2.50<br>-26.17<br>N | 89.21<br>9.68<br>0.00<br>N   | 43.27<br>4.60<br>0.00<br>N   | 38.89<br>3.91<br>0.00<br>N   | 36.55<br>3.32<br>0.00<br>N   | 32.32<br>2.58<br>0.00<br>N   |
| N.Y.C.<br>61761        | 81.78<br>2.45<br>-45.93<br>N | 32.93<br>2.20<br>-0.94<br>N | 33.86<br>2.24<br>-0.01<br>N | 30.74<br>1.98<br>0.00<br>N  | 33.07<br>2.20<br>-0.01<br>N | 36.98<br>2.77<br>-1.18<br>N | 78.60<br>4.32<br>-35.85<br>N | 119.76<br>8.95<br>-36.37<br>N | 54.74<br>5.17<br>-7.86<br>N | 52.34<br>4.98<br>-8.00<br>N | 54.50<br>5.32<br>-8.15<br>N | 56.15<br>5.42<br>-7.99<br>N | 56.11<br>5.38<br>-7.91<br>N | 57.04<br>5.61<br>-7.39<br>N | 53.51<br>5.24<br>-7.78<br>N | 50.26<br>4.77<br>-8.27<br>N  | 53.88<br>5.11<br>-7.79<br>N | 60.36<br>5.21<br>-13.60<br>N | 53.38<br>2.69<br>-29.96<br>N | 95.26<br>10.42<br>-5.30<br>N | 77.67<br>4.94<br>-34.06<br>N | 49.32<br>4.20<br>-10.14<br>N | 47.18<br>3.57<br>-10.37<br>N | 47.06<br>2.77<br>-14.55<br>N |

|                |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                              |                             |                             |                             |                              |                              |                             |                             |                             |                             |                             |
|----------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| NORTH<br>61755 | 33.22<br>-0.19<br>0.00<br>N | 29.67<br>-0.12<br>0.00<br>N | 31.55<br>-0.06<br>0.00<br>N | 28.69<br>-0.07<br>0.00<br>N | 30.73<br>-0.13<br>0.00<br>N | 32.59<br>-0.44<br>0.00<br>N | 37.04<br>-1.39<br>0.00<br>N | 70.97<br>-3.48<br>0.00<br>N | 39.81<br>-1.91<br>0.00<br>N | 37.43<br>-1.92<br>0.00<br>N | 39.05<br>-1.98<br>0.00<br>N | 40.72<br>-2.02<br>0.00<br>N | 40.93<br>-1.89<br>0.00<br>N | 42.02<br>-2.03<br>0.00<br>N  | 38.64<br>-1.85<br>0.00<br>N | 35.55<br>-1.67<br>0.00<br>N | 39.40<br>-1.59<br>0.00<br>N | 39.65<br>-1.90<br>0.00<br>N  | 19.64<br>-1.09<br>0.00<br>N  | 76.17<br>-3.36<br>0.00<br>N | 37.00<br>-1.66<br>0.00<br>N | 33.66<br>-1.33<br>0.00<br>N | 32.44<br>-0.79<br>0.00<br>N | 29.26<br>-0.49<br>0.00<br>N |
| NPX<br>61845   | 34.64<br>1.23<br>0.00<br>N  | 30.88<br>1.08<br>0.00<br>N  | 32.75<br>1.14<br>0.00<br>N  | 29.90<br>1.06<br>2.15<br>N  | 32.72<br>1.10<br>0.71<br>N  | 34.50<br>1.46<br>0.00<br>N  | 41.02<br>2.58<br>0.00<br>N  | 40.01<br>2.91<br>1.48<br>N  | 10.00<br>3.02<br>32.96<br>N | 40.46<br>3.42<br>5.16<br>N  | 40.01<br>3.32<br>3.47<br>N  | 43.76<br>3.56<br>2.95<br>N  | 46.48<br>3.67<br>0.00<br>N  | 50.16<br>3.86<br>-1.99<br>N  | 43.78<br>3.29<br>0.00<br>N  | 37.40<br>3.18<br>4.27<br>N  | 44.28<br>3.29<br>0.00<br>N  | 48.39<br>3.96<br>-2.37<br>N  | 53.38<br>1.99<br>-30.65<br>N | 87.02<br>7.48<br>0.00<br>N  | 41.91<br>3.24<br>0.00<br>N  | 37.51<br>2.53<br>0.00<br>N  | 35.33<br>2.09<br>0.00<br>N  | 31.42<br>1.68<br>0.00<br>N  |
| O H<br>61846   | 31.56<br>-1.85<br>0.00<br>N | 28.23<br>-1.57<br>0.00<br>N | 30.03<br>-1.58<br>0.00<br>N | 27.48<br>-1.28<br>0.00<br>N | 29.30<br>-1.56<br>0.00<br>N | 31.37<br>-1.67<br>0.00<br>N | 35.49<br>-2.95<br>0.00<br>N | 69.15<br>-5.29<br>0.00<br>N | 38.73<br>-2.99<br>0.00<br>N | 36.53<br>-2.82<br>0.00<br>N | 37.44<br>-3.59<br>0.00<br>N | 39.14<br>-3.60<br>0.00<br>N | 39.15<br>-3.67<br>0.00<br>N | 42.44<br>-3.87<br>-1.99<br>N | 37.05<br>-3.44<br>0.00<br>N | 34.27<br>-2.95<br>0.00<br>N | 37.55<br>-3.43<br>0.00<br>N | 39.81<br>-3.43<br>-1.18<br>N | 22.12<br>-1.96<br>-3.34<br>N | 69.77<br>-9.77<br>0.00<br>N | 34.74<br>-3.93<br>0.00<br>N | 31.97<br>-3.02<br>0.00<br>N | 30.89<br>-2.35<br>0.00<br>N | 28.25<br>-1.50<br>0.00<br>N |
| PJM<br>61847   | 33.23<br>-0.17<br>0.00<br>N | 30.16<br>0.36<br>0.00<br>N  | 32.04<br>0.43<br>0.00<br>N  | 29.15<br>0.39<br>0.00<br>N  | 31.33<br>0.47<br>0.00<br>N  | 33.75<br>0.72<br>0.00<br>N  | 40.33<br>1.89<br>0.00<br>N  | 78.11<br>3.67<br>0.00<br>N  | 43.41<br>1.70<br>0.00<br>N  | 40.67<br>1.31<br>0.00<br>N  | 41.90<br>0.87<br>0.00<br>N  | 43.78<br>1.04<br>0.00<br>N  | 43.76<br>0.94<br>0.00<br>N  | 49.72<br>3.42<br>-1.99<br>N  | 41.53<br>1.04<br>0.00<br>N  | 38.23<br>1.01<br>0.00<br>N  | 41.91<br>0.92<br>0.00<br>N  | 46.88<br>2.98<br>-1.84<br>N  | 40.11<br>0.93<br>-18.44<br>N | 80.65<br>1.12<br>0.00<br>N  | 39.25<br>0.58<br>0.00<br>N  | 35.50<br>0.52<br>0.00<br>N  | 33.79<br>0.56<br>0.00<br>N  | 30.06<br>0.32<br>0.00<br>N  |
| WEST<br>61752  | 32.45<br>-0.96<br>0.00<br>N | 29.07<br>-0.72<br>0.00<br>N | 30.91<br>-0.70<br>0.00<br>N | 28.27<br>-0.50<br>0.00<br>N | 30.19<br>-0.67<br>0.00<br>N | 32.43<br>-0.61<br>0.00<br>N | 37.16<br>-1.28<br>0.00<br>N | 72.57<br>-1.87<br>0.00<br>N | 40.61<br>-1.10<br>0.00<br>N | 38.27<br>-1.09<br>0.00<br>N | 39.26<br>-1.77<br>0.00<br>N | 41.09<br>-1.65<br>0.00<br>N | 41.03<br>-1.79<br>0.00<br>N | 42.04<br>-2.00<br>0.00<br>N  | 38.79<br>-1.70<br>0.00<br>N | 35.82<br>-1.40<br>0.00<br>N | 39.18<br>-1.81<br>0.00<br>N | 40.45<br>-2.10<br>-1.00<br>N | 23.38<br>-1.08<br>-3.73<br>N | 73.23<br>-6.30<br>0.00<br>N | 36.48<br>-2.19<br>0.00<br>N | 33.51<br>-1.48<br>0.00<br>N | 32.26<br>-0.97<br>0.00<br>N | 29.28<br>-0.47<br>0.00<br>N |