

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

08/27/2008

| 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                  | 43.98<br>2.23<br>0.00<br>N  | 40.57<br>1.96<br>0.00<br>N  | 40.89<br>1.76<br>0.00<br>N  | 37.64<br>1.64<br>0.00<br>N  | 39.90<br>1.75<br>0.00<br>N  | 44.22<br>2.19<br>0.00<br>N  | 52.67<br>3.04<br>0.00<br>N  | 49.80<br>3.03<br>0.00<br>N  | 55.28<br>3.15<br>0.00<br>N  | 68.44<br>3.63<br>0.00<br>N  | 70.70<br>3.87<br>0.00<br>N  | 63.48<br>3.32<br>0.00<br>N   | 74.21<br>3.79<br>0.00<br>N  | 84.59<br>4.49<br>0.00<br>N  | 79.60<br>4.18<br>0.00<br>N  | 79.84<br>4.03<br>0.00<br>N  | 76.34<br>3.80<br>0.00<br>N  | 63.36<br>2.83<br>0.00<br>N  | 58.67<br>2.70<br>0.00<br>N  | 69.64<br>3.41<br>0.00<br>N  | 94.72<br>4.95<br>0.00<br>N   | 61.32<br>3.11<br>0.00<br>N  | 62.49<br>3.31<br>0.00<br>N  | 66.15<br>3.26<br>0.00<br>N  |
| CENTRL<br>61754        | 41.03<br>-0.72<br>0.00<br>N | 37.54<br>-1.07<br>0.00<br>N | 38.01<br>-1.12<br>0.00<br>N | 34.98<br>-1.02<br>0.00<br>N | 37.09<br>-1.05<br>0.00<br>N | 41.08<br>-0.95<br>0.00<br>N | 48.94<br>-0.70<br>0.00<br>N | 46.52<br>-0.25<br>0.00<br>N | 52.31<br>0.19<br>0.00<br>N  | 64.68<br>-0.13<br>0.00<br>N | 66.42<br>-0.42<br>0.00<br>N | 60.13<br>-0.03<br>0.00<br>N  | 70.62<br>0.20<br>0.00<br>N  | 80.46<br>0.36<br>0.00<br>N  | 75.59<br>0.16<br>0.00<br>N  | 76.17<br>0.36<br>0.00<br>N  | 72.89<br>0.34<br>0.00<br>N  | 60.98<br>0.45<br>0.00<br>N  | 56.08<br>0.11<br>0.00<br>N  | 66.36<br>0.12<br>0.00<br>N  | 89.82<br>0.05<br>0.00<br>N   | 58.37<br>0.16<br>0.00<br>N  | 58.73<br>-0.46<br>0.00<br>N | 61.93<br>-0.97<br>0.00<br>N |
| DUNWOD<br>61760        | 45.15<br>3.39<br>0.00<br>N  | 41.28<br>2.67<br>0.00<br>N  | 41.27<br>2.15<br>0.00<br>N  | 37.95<br>1.96<br>0.00<br>N  | 40.22<br>2.08<br>0.00<br>N  | 44.70<br>2.67<br>0.00<br>N  | 53.70<br>4.07<br>0.00<br>N  | 51.32<br>4.55<br>0.00<br>N  | 57.45<br>5.33<br>0.00<br>N  | 71.30<br>6.49<br>0.00<br>N  | 73.54<br>6.70<br>0.00<br>N  | 66.10<br>5.93<br>0.00<br>N   | 77.67<br>7.26<br>0.00<br>N  | 88.65<br>8.55<br>0.00<br>N  | 83.01<br>7.58<br>0.00<br>N  | 83.45<br>7.63<br>0.00<br>N  | 79.71<br>7.17<br>0.00<br>N  | 66.50<br>5.97<br>0.00<br>N  | 61.35<br>5.38<br>0.00<br>N  | 72.48<br>6.24<br>0.00<br>N  | 98.47<br>8.69<br>0.00<br>N   | 63.92<br>5.71<br>0.00<br>N  | 64.81<br>5.62<br>0.00<br>N  | 68.04<br>5.15<br>0.00<br>N  |
| GENESE<br>61753        | 39.55<br>-2.20<br>0.00<br>N | 36.12<br>-2.49<br>0.00<br>N | 36.55<br>-2.57<br>0.00<br>N | 33.61<br>-2.38<br>0.00<br>N | 35.68<br>-2.47<br>0.00<br>N | 39.57<br>-2.46<br>0.00<br>N | 47.04<br>-2.59<br>0.00<br>N | 44.35<br>-2.42<br>0.00<br>N | 50.32<br>-1.80<br>0.00<br>N | 63.02<br>-1.79<br>0.00<br>N | 64.98<br>-1.85<br>0.00<br>N | 58.86<br>-1.30<br>0.00<br>N  | 68.90<br>-1.52<br>0.00<br>N | 78.73<br>-1.37<br>0.00<br>N | 74.26<br>-1.16<br>0.00<br>N | 74.79<br>-1.02<br>0.00<br>N | 71.83<br>-0.71<br>0.00<br>N | 60.09<br>-0.44<br>0.00<br>N | 54.97<br>-1.00<br>0.00<br>N | 64.77<br>-1.47<br>0.00<br>N | 87.36<br>-2.41<br>0.00<br>N  | 56.85<br>-1.36<br>0.00<br>N | 56.98<br>-2.20<br>0.00<br>N | 60.33<br>-2.56<br>0.00<br>N |
| H Q<br>61844           | 41.26<br>-0.50<br>0.00<br>N | 38.44<br>-0.17<br>0.00<br>N | 48.25<br>0.12<br>-9.04<br>N | 45.73<br>0.00<br>-5.63<br>N | 44.70<br>0.01<br>-1.51<br>N | 41.90<br>-0.13<br>0.00<br>N | 49.05<br>-0.58<br>0.00<br>N | 45.93<br>-0.84<br>0.00<br>N | 51.03<br>-1.09<br>0.00<br>N | 63.61<br>-1.20<br>0.00<br>N | 65.54<br>-1.30<br>0.00<br>N | 58.96<br>-1.20<br>0.00<br>N  | 68.93<br>-1.48<br>0.00<br>N | 78.17<br>-1.93<br>0.00<br>N | 73.77<br>-1.66<br>0.00<br>N | 74.11<br>-1.71<br>0.00<br>N | 70.93<br>-1.61<br>0.00<br>N | 59.08<br>-1.45<br>0.00<br>N | 54.76<br>-1.21<br>0.00<br>N | 64.80<br>-1.44<br>0.00<br>N | 87.74<br>-2.03<br>0.00<br>N  | 56.86<br>-1.35<br>0.00<br>N | 58.00<br>-1.19<br>0.00<br>N | 62.05<br>-0.84<br>0.00<br>N |
| HUD VL<br>61758        | 45.12<br>3.37<br>0.00<br>N  | 41.32<br>2.71<br>0.00<br>N  | 41.37<br>2.25<br>0.00<br>N  | 38.07<br>2.08<br>0.00<br>N  | 40.39<br>2.24<br>0.00<br>N  | 44.85<br>2.82<br>0.00<br>N  | 53.79<br>4.15<br>0.00<br>N  | 51.31<br>4.55<br>0.00<br>N  | 57.43<br>5.31<br>0.00<br>N  | 71.28<br>6.47<br>0.00<br>N  | 73.48<br>6.65<br>0.00<br>N  | 66.03<br>5.87<br>0.00<br>N   | 77.58<br>7.16<br>0.00<br>N  | 88.58<br>8.48<br>0.00<br>N  | 83.00<br>7.58<br>0.00<br>N  | 83.42<br>7.61<br>0.00<br>N  | 79.64<br>7.11<br>0.00<br>N  | 66.41<br>5.88<br>0.00<br>N  | 61.25<br>5.28<br>0.00<br>N  | 72.47<br>6.23<br>0.00<br>N  | 98.61<br>8.83<br>0.00<br>N   | 63.97<br>5.76<br>0.00<br>N  | 64.79<br>5.61<br>0.00<br>N  | 68.08<br>5.19<br>0.00<br>N  |
| LONGIL<br>61762        | 48.16<br>4.58<br>-1.82<br>N | 42.38<br>3.77<br>0.00<br>N  | 42.32<br>3.20<br>0.00<br>N  | 38.94<br>2.95<br>0.00<br>N  | 41.28<br>3.14<br>0.00<br>N  | 46.01<br>3.98<br>0.00<br>N  | 55.35<br>5.72<br>0.00<br>N  | 53.07<br>6.31<br>0.00<br>N  | 59.18<br>7.06<br>0.00<br>N  | 74.29<br>8.28<br>-1.20<br>N | 84.54<br>8.71<br>-8.99<br>N | 85.25<br>7.97<br>-17.11<br>N | 82.07<br>9.50<br>-2.16<br>N | 90.97<br>10.87<br>0.00<br>N | 84.98<br>9.55<br>0.00<br>N  | 85.08<br>9.27<br>0.00<br>N  | 81.24<br>8.70<br>0.00<br>N  | 67.77<br>7.24<br>0.00<br>N  | 62.70<br>6.73<br>0.00<br>N  | 74.10<br>7.86<br>0.00<br>N  | 100.81<br>11.04<br>0.00<br>N | 65.65<br>7.31<br>-0.13<br>N | 73.00<br>7.23<br>-6.59<br>N | 69.66<br>6.77<br>0.00<br>N  |
| MHK VL<br>61756        | 42.38<br>0.62<br>0.00<br>N  | 39.02<br>0.41<br>0.00<br>N  | 39.50<br>0.38<br>0.00<br>N  | 36.36<br>0.37<br>0.00<br>N  | 38.60<br>0.46<br>0.00<br>N  | 42.69<br>0.66<br>0.00<br>N  | 50.62<br>0.99<br>0.00<br>N  | 47.88<br>1.11<br>0.00<br>N  | 53.62<br>1.51<br>0.00<br>N  | 66.72<br>1.91<br>0.00<br>N  | 68.78<br>1.95<br>0.00<br>N  | 62.15<br>1.99<br>0.00<br>N   | 72.91<br>2.49<br>0.00<br>N  | 82.95<br>2.85<br>0.00<br>N  | 77.90<br>2.48<br>0.00<br>N  | 78.37<br>2.56<br>0.00<br>N  | 74.96<br>2.42<br>0.00<br>N  | 62.50<br>1.98<br>0.00<br>N  | 57.64<br>1.67<br>0.00<br>N  | 68.18<br>1.94<br>0.00<br>N  | 92.62<br>2.84<br>0.00<br>N   | 59.94<br>1.73<br>0.00<br>N  | 60.56<br>1.37<br>0.00<br>N  | 63.95<br>1.06<br>0.00<br>N  |
| MILLWD<br>61759        | 45.06<br>3.30<br>0.00<br>N  | 41.20<br>2.59<br>0.00<br>N  | 41.19<br>2.07<br>0.00<br>N  | 37.89<br>1.89<br>0.00<br>N  | 40.15<br>2.01<br>0.00<br>N  | 44.62<br>2.59<br>0.00<br>N  | 53.59<br>3.96<br>0.00<br>N  | 51.22<br>4.45<br>0.00<br>N  | 57.36<br>5.23<br>0.00<br>N  | 71.21<br>6.40<br>0.00<br>N  | 73.47<br>6.63<br>0.00<br>N  | 66.03<br>5.87<br>0.00<br>N   | 77.59<br>7.17<br>0.00<br>N  | 88.58<br>8.48<br>0.00<br>N  | 82.95<br>7.52<br>0.00<br>N  | 83.38<br>7.57<br>0.00<br>N  | 79.66<br>7.12<br>0.00<br>N  | 66.43<br>5.90<br>0.00<br>N  | 61.29<br>5.32<br>0.00<br>N  | 72.41<br>6.18<br>0.00<br>N  | 98.42<br>8.65<br>0.00<br>N   | 63.86<br>5.65<br>0.00<br>N  | 64.73<br>5.55<br>0.00<br>N  | 67.95<br>5.06<br>0.00<br>N  |
| N.Y.C.<br>61761        | 45.46<br>3.70<br>0.00<br>N  | 41.52<br>2.91<br>0.00<br>N  | 41.48<br>2.36<br>0.00<br>N  | 38.15<br>2.16<br>0.00<br>N  | 40.44<br>2.30<br>0.00<br>N  | 44.95<br>2.91<br>0.00<br>N  | 54.06<br>4.42<br>0.00<br>N  | 51.70<br>4.93<br>0.00<br>N  | 57.91<br>5.79<br>0.00<br>N  | 71.93<br>7.12<br>0.00<br>N  | 74.12<br>7.28<br>0.00<br>N  | 66.62<br>6.46<br>0.00<br>N   | 78.33<br>7.91<br>0.00<br>N  | 89.39<br>9.29<br>0.00<br>N  | 83.69<br>8.26<br>0.00<br>N  | 84.14<br>8.32<br>0.00<br>N  | 80.39<br>7.85<br>0.00<br>N  | 67.10<br>6.57<br>0.00<br>N  | 61.84<br>5.87<br>0.00<br>N  | 73.03<br>6.80<br>0.00<br>N  | 99.21<br>9.43<br>0.00<br>N   | 64.43<br>6.22<br>0.00<br>N  | 65.32<br>6.14<br>0.00<br>N  | 68.55<br>5.67<br>0.00<br>N  |

|                |                             |                             |                             |                             |                             |                             |                             |                             |                              |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |
|----------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| NORTH<br>61755 | 41.07<br>-0.69<br>0.00<br>N | 38.30<br>-0.31<br>0.00<br>N | 39.00<br>-0.13<br>0.00<br>N | 35.89<br>-0.10<br>0.00<br>N | 38.14<br>0.00<br>0.00<br>N  | 41.86<br>-0.17<br>0.00<br>N | 48.93<br>-0.70<br>0.00<br>N | 45.67<br>-1.10<br>0.00<br>N | 50.78<br>-1.34<br>0.00<br>N  | 63.47<br>-1.34<br>0.00<br>N | 65.49<br>-1.34<br>0.00<br>N | 58.88<br>-1.28<br>0.00<br>N | 68.81<br>-1.61<br>0.00<br>N | 77.92<br>-2.18<br>0.00<br>N | 73.48<br>-1.95<br>0.00<br>N | 73.73<br>-2.08<br>0.00<br>N | 70.63<br>-1.91<br>0.00<br>N | 58.85<br>-1.68<br>0.00<br>N | 54.60<br>-1.37<br>0.00<br>N | 64.63<br>-1.61<br>0.00<br>N | 87.35<br>-2.42<br>0.00<br>N | 56.52<br>-1.69<br>0.00<br>N | 57.67<br>-1.51<br>0.00<br>N | 61.80<br>-1.10<br>0.00<br>N |
| NPX<br>61845   | 44.34<br>2.59<br>0.00<br>N  | 40.84<br>2.23<br>0.00<br>N  | 40.98<br>1.86<br>0.00<br>N  | 37.68<br>1.69<br>0.00<br>N  | 39.93<br>1.78<br>0.00<br>N  | 44.24<br>2.21<br>0.00<br>N  | 52.77<br>3.14<br>0.00<br>N  | 50.02<br>3.25<br>0.00<br>N  | 55.65<br>3.52<br>0.00<br>N   | 68.76<br>3.95<br>0.00<br>N  | 71.26<br>4.42<br>0.00<br>N  | 63.88<br>3.72<br>0.00<br>N  | 74.65<br>4.23<br>0.00<br>N  | 85.25<br>5.15<br>0.00<br>N  | 80.19<br>4.77<br>0.00<br>N  | 80.41<br>4.59<br>0.00<br>N  | 76.84<br>4.30<br>0.00<br>N  | 63.70<br>3.17<br>0.00<br>N  | 58.97<br>2.99<br>0.00<br>N  | 70.02<br>3.78<br>0.00<br>N  | 95.09<br>5.31<br>0.00<br>N  | 61.63<br>3.42<br>0.00<br>N  | 62.97<br>3.79<br>0.00<br>N  | 66.63<br>3.74<br>0.00<br>N  |
| O H<br>61846   | 37.49<br>-4.26<br>0.00<br>N | 34.18<br>-4.44<br>0.00<br>N | 34.64<br>-4.49<br>0.00<br>N | 31.85<br>-4.14<br>0.00<br>N | 33.83<br>-4.32<br>0.00<br>N | 37.46<br>-4.57<br>0.00<br>N | 44.24<br>-5.40<br>0.00<br>N | 41.16<br>-5.61<br>0.00<br>N | 46.92<br>-5.20<br>0.00<br>N  | 58.72<br>-6.09<br>0.00<br>N | 60.41<br>-6.43<br>0.00<br>N | 54.70<br>-5.46<br>0.00<br>N | 63.76<br>-6.66<br>0.00<br>N | 72.92<br>-7.17<br>0.00<br>N | 68.82<br>-6.60<br>0.00<br>N | 69.48<br>-6.34<br>0.00<br>N | 67.14<br>-5.40<br>0.00<br>N | 56.27<br>-4.26<br>0.00<br>N | 51.34<br>-4.63<br>0.00<br>N | 60.35<br>-5.88<br>0.00<br>N | 80.55<br>-9.23<br>0.00<br>N | 52.87<br>-5.34<br>0.00<br>N | 53.12<br>-6.07<br>0.00<br>N | 56.82<br>-6.07<br>0.00<br>N |
| PJM<br>61847   | 45.00<br>1.22<br>10.24<br>N | 34.82<br>-3.79<br>0.00<br>N | 35.39<br>-3.73<br>0.00<br>N | 32.83<br>-3.17<br>0.00<br>N | 35.01<br>-3.14<br>0.00<br>N | 42.50<br>0.51<br>0.71<br>N  | 43.00<br>1.53<br>10.34<br>N | 58.00<br>1.80<br>-7.95<br>N | 70.00<br>2.83<br>-18.42<br>N | 62.79<br>-2.02<br>0.00<br>N | 63.76<br>-3.08<br>0.00<br>N | 58.23<br>-1.93<br>0.00<br>N | 67.86<br>-2.55<br>0.00<br>N | 77.40<br>-2.70<br>0.00<br>N | 71.98<br>-3.44<br>0.00<br>N | 72.92<br>-2.90<br>0.00<br>N | 69.51<br>-3.03<br>0.00<br>N | 58.01<br>-2.52<br>0.00<br>N | 53.00<br>-2.97<br>0.00<br>N | 64.15<br>-2.09<br>0.00<br>N | 85.34<br>-4.44<br>0.00<br>N | 77.00<br>2.88<br>-7.27<br>N | 50.55<br>1.55<br>4.21<br>N  | 54.55<br>1.14<br>3.71<br>N  |
| WEST<br>61752  | 38.18<br>-3.58<br>0.00<br>N | 34.64<br>-3.97<br>0.00<br>N | 35.09<br>-4.03<br>0.00<br>N | 32.35<br>-3.65<br>0.00<br>N | 34.39<br>-3.75<br>0.00<br>N | 38.10<br>-3.93<br>0.00<br>N | 45.20<br>-4.44<br>0.00<br>N | 42.43<br>-4.34<br>0.00<br>N | 48.48<br>-3.64<br>0.00<br>N  | 60.41<br>-4.40<br>0.00<br>N | 61.97<br>-4.87<br>0.00<br>N | 56.27<br>-3.89<br>0.00<br>N | 65.86<br>-4.56<br>0.00<br>N | 75.36<br>-4.74<br>0.00<br>N | 70.88<br>-4.54<br>0.00<br>N | 71.54<br>-4.27<br>0.00<br>N | 68.85<br>-3.70<br>0.00<br>N | 57.59<br>-2.93<br>0.00<br>N | 52.48<br>-3.49<br>0.00<br>N | 61.91<br>-4.32<br>0.00<br>N | 82.95<br>-6.82<br>0.00<br>N | 54.28<br>-3.94<br>0.00<br>N | 54.53<br>-4.66<br>0.00<br>N | 57.95<br>-4.94<br>0.00<br>N |