

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

07/22/2006

| Name<br>PTID<br>CAPITL<br>61757 | 00:00<br>EDT<br>74.95<br>3.35<br>0.00<br>N | 01:00<br>EDT<br>69.63<br>2.60<br>0.00<br>N | 02:00<br>EDT<br>67.94<br>2.23<br>0.00<br>N | 03:00<br>EDT<br>70.61<br>2.43<br>0.00<br>N | 04:00<br>EDT<br>72.73<br>2.81<br>0.00<br>N | 05:00<br>EDT<br>82.84<br>1.92<br>-38.34<br>N | 06:00<br>EDT<br>69.36<br>2.90<br>0.00<br>N | 07:00<br>EDT<br>67.28<br>2.64<br>-0.12<br>N | 08:00<br>EDT<br>60.36<br>2.89<br>-0.14<br>N | 09:00<br>EDT<br>71.94<br>3.30<br>0.00<br>N | 10:00<br>EDT<br>54.33<br>2.42<br>0.00<br>N | 11:00<br>EDT<br>62.84<br>2.55<br>0.00<br>N | 12:00<br>EDT<br>60.46<br>2.47<br>0.00<br>N | 13:00<br>EDT<br>51.63<br>1.64<br>0.00<br>N | 14:00<br>EDT<br>53.64<br>1.97<br>0.00<br>N | 15:00<br>EDT<br>-21.51<br>-0.79<br>-3.57<br>N | 16:00<br>EDT<br>-18.58<br>-0.84<br>-4.07<br>N | 17:00<br>EDT<br>46.34<br>1.45<br>-1.27<br>N | 18:00<br>EDT<br>51.69<br>1.78<br>-1.03<br>N | 19:00<br>EDT<br>37.00<br>1.16<br>-2.01<br>N | 20:00<br>EDT<br>74.32<br>2.79<br>0.00<br>N | 21:00<br>EDT<br>72.28<br>2.54<br>0.00<br>N | 22:00<br>EDT<br>52.17<br>1.75<br>0.00<br>N | 23:00<br>EDT<br>51.12<br>1.90<br>0.00<br>N |
|---------------------------------|--|--|--|--|--|--|--|---|---|--|--|--|--|--|--|---|---|---|---|---|--|--|--|--|
| CENTRL<br>61754                 | 70.19<br>-1.42<br>0.00<br>N                | 65.45<br>-1.59<br>0.00<br>N                | 63.68<br>-2.04<br>0.00<br>N                | 65.86<br>-2.33<br>0.00<br>N                | 67.86<br>-2.06<br>0.00<br>N                | 45.93<br>-1.24<br>-4.59<br>N                 | 64.68<br>-1.78<br>0.00<br>N                | 62.66<br>-1.85<br>0.00<br>N                 | 55.81<br>-1.53<br>0.00<br>N                 | 66.76<br>-1.88<br>0.00<br>N                | 50.92<br>-0.99<br>0.00<br>N                | 59.12<br>-1.17<br>0.00<br>N                | 57.07<br>-0.92<br>0.00<br>N                | 49.14<br>-0.84<br>0.00<br>N                | 51.16<br>-0.52<br>0.00<br>N                | -24.03<br>0.26<br>0.00<br>N                   | -21.57<br>0.24<br>0.00<br>N                   | 42.86<br>-0.77<br>0.00<br>N                 | 47.96<br>-0.92<br>0.00<br>N                 | 33.21<br>-0.61<br>0.00<br>N                 | 69.60<br>-1.94<br>0.00<br>N                | 67.83<br>-1.91<br>0.00<br>N                | 48.91<br>-1.52<br>0.00<br>N                | 47.56<br>-1.67<br>0.00<br>N                |
| DUNWOD<br>61760                 | 77.91<br>6.30<br>0.00<br>N                 | 72.37<br>5.33<br>0.00<br>N                 | 70.42<br>4.70<br>0.00<br>N                 | 72.92<br>4.73<br>0.00<br>N                 | 75.08<br>5.17<br>0.00<br>N                 | 75.02<br>3.48<br>-28.95<br>N                 | 72.12<br>5.65<br>0.00<br>N                 | 73.04<br>5.34<br>-3.18<br>N                 | 66.29<br>5.19<br>-3.75<br>N                 | 74.68<br>6.03<br>0.00<br>N                 | 56.92<br>4.99<br>0.00<br>N                 | 65.74<br>5.45<br>0.00<br>N                 | 63.47<br>5.49<br>0.00<br>N                 | 54.29<br>4.31<br>0.00<br>N                 | 56.74<br>5.05<br>0.00<br>N                 | 72.38<br>-1.98<br>-98.66<br>N                 | 86.89<br>-2.31<br>-111.00<br>N                | 82.18<br>3.57<br>-34.98<br>N                | 79.93<br>4.08<br>-26.98<br>N                | 89.31<br>2.72<br>-52.76<br>N                | 77.89<br>6.36<br>0.00<br>N                 | 75.79<br>6.04<br>0.00<br>N                 | 54.96<br>4.53<br>0.00<br>N                 | 53.67<br>4.45<br>0.00<br>N                 |
| GENESE<br>61753                 | 67.76<br>-3.85<br>0.00<br>N                | 62.96<br>-4.07<br>0.00<br>N                | 60.99<br>-4.72<br>0.00<br>N                | 62.89<br>-5.30<br>0.00<br>N                | 64.77<br>-5.15<br>0.00<br>N                | 43.09<br>-3.01<br>-3.52<br>N                 | 62.09<br>-4.37<br>0.00<br>N                | 59.77<br>-4.75<br>0.00<br>N                 | 53.37<br>-3.97<br>0.00<br>N                 | 63.68<br>-4.96<br>0.00<br>N                | 48.83<br>-3.08<br>0.00<br>N                | 56.60<br>-3.68<br>0.00<br>N                | 54.83<br>-3.15<br>0.00<br>N                | 47.39<br>-2.59<br>0.00<br>N                | 49.51<br>-2.17<br>0.00<br>N                | -23.68<br>0.61<br>0.00<br>N                   | -20.92<br>0.89<br>0.00<br>N                   | 41.62<br>-2.01<br>0.00<br>N                 | 46.42<br>-2.46<br>0.00<br>N                 | 32.29<br>-1.53<br>0.00<br>N                 | 66.75<br>-4.79<br>0.00<br>N                | 65.25<br>-4.50<br>0.00<br>N                | 46.90<br>-3.53<br>0.00<br>N                | 45.42<br>-3.81<br>0.00<br>N                |
| H Q<br>61844                    | 67.00<br>-1.43<br>6.65<br>N                | 66.30<br>-0.73<br>0.00<br>N                | 65.40<br>-0.32<br>0.00<br>N                | 67.89<br>-0.29<br>0.00<br>N                | 69.30<br>-0.62<br>0.00<br>N                | 42.02<br>-0.56<br>0.00<br>N                  | 65.57<br>-0.89<br>0.00<br>N                | 64.01<br>-0.51<br>0.00<br>N                 | 56.59<br>-0.74<br>0.00<br>N                 | 68.01<br>-0.64<br>0.00<br>N                | 51.09<br>-0.83<br>0.00<br>N                | 59.53<br>-0.75<br>0.00<br>N                | 57.07<br>-0.92<br>0.00<br>N                | 49.47<br>-0.51<br>0.00<br>N                | 50.73<br>-0.95<br>0.00<br>N                | -23.97<br>0.33<br>0.00<br>N                   | -21.36<br>0.45<br>0.00<br>N                   | 43.19<br>-0.44<br>0.00<br>N                 | 48.35<br>-0.52<br>0.00<br>N                 | 33.50<br>-0.32<br>0.00<br>N                 | 70.92<br>-0.62<br>0.00<br>N                | 56.78<br>-0.41<br>1.14<br>N                | 50.08<br>-0.34<br>0.00<br>N                | 50.27<br>-0.33<br>-2.77<br>N               |
| HUD VL<br>61758                 | 77.57<br>5.97<br>0.00<br>N                 | 72.05<br>5.01<br>0.00<br>N                 | 70.13<br>4.41<br>0.00<br>N                 | 72.62<br>4.43<br>0.00<br>N                 | 74.79<br>4.87<br>0.00<br>N                 | 74.59<br>3.27<br>-28.73<br>N                 | 71.72<br>5.26<br>0.00<br>N                 | 72.16<br>4.92<br>-2.72<br>N                 | 65.37<br>4.82<br>-3.21<br>N                 | 74.27<br>5.62<br>0.00<br>N                 | 56.62<br>4.70<br>0.00<br>N                 | 65.45<br>5.16<br>0.00<br>N                 | 63.21<br>5.22<br>0.00<br>N                 | 54.09<br>4.11<br>0.00<br>N                 | 56.48<br>4.80<br>0.00<br>N                 | 58.09<br>-2.00<br>-84.38<br>N                 | 70.95<br>-2.18<br>-94.94<br>N                 | 77.10<br>3.55<br>-29.92<br>N                | 75.99<br>4.03<br>-23.07<br>N                | 81.66<br>2.71<br>-45.13<br>N                | 77.74<br>6.21<br>0.00<br>N                 | 75.61<br>5.87<br>0.00<br>N                 | 54.69<br>4.26<br>0.00<br>N                 | 53.34<br>4.11<br>0.00<br>N                 |
| LONGIL<br>61762                 | 79.10<br>7.49<br>0.00<br>N                 | 74.07<br>6.19<br>-0.84<br>N                | 72.05<br>5.65<br>-0.68<br>N                | 73.63<br>5.45<br>0.00<br>N                 | 75.39<br>5.48<br>0.00<br>N                 | 75.33<br>3.79<br>-28.95<br>N                 | 72.85<br>6.38<br>0.00<br>N                 | 74.04<br>6.28<br>-3.24<br>N                 | 74.65<br>6.47<br>-10.84<br>N                | 76.18<br>7.19<br>-0.34<br>N                | 78.19<br>6.08<br>-20.18<br>N               | 82.11<br>6.62<br>-15.21<br>N               | 78.55<br>6.57<br>-14.00<br>N               | 76.90<br>5.23<br>-21.68<br>N               | 76.39<br>6.03<br>-18.68<br>N               | 83.70<br>-2.32<br>-110.31<br>N                | 86.47<br>-2.75<br>-111.02<br>N                | 82.94<br>4.33<br>-34.98<br>N                | 80.89<br>5.04<br>-26.98<br>N                | 89.58<br>3.10<br>-52.66<br>N                | 79.62<br>7.65<br>-0.43<br>N                | 78.15<br>7.39<br>-1.01<br>N                | 70.08<br>5.61<br>-14.04<br>N               | 72.38<br>5.48<br>-17.67<br>N               |
| MHK VL<br>61756                 | 72.82<br>1.22<br>0.00<br>N                 | 68.11<br>1.08<br>0.00<br>N                 | 66.58<br>0.86<br>0.00<br>N                 | 68.94<br>0.76<br>0.00<br>N                 | 70.85<br>0.94<br>0.00<br>N                 | 46.75<br>0.65<br>-3.52<br>N                  | 67.62<br>1.16<br>0.00<br>N                 | 65.80<br>1.16<br>-0.13<br>N                 | 58.77<br>1.28<br>-0.16<br>N                 | 70.26<br>1.62<br>0.00<br>N                 | 53.34<br>1.42<br>0.00<br>N                 | 61.91<br>1.62<br>0.00<br>N                 | 59.61<br>1.62<br>0.00<br>N                 | 51.37<br>1.39<br>0.00<br>N                 | 53.22<br>1.54<br>0.00<br>N                 | -20.86<br>-0.65<br>-4.08<br>N                 | -17.85<br>-0.63<br>-4.59<br>N                 | 46.18<br>1.11<br>-1.45<br>N                 | 51.12<br>1.13<br>-1.12<br>N                 | 36.73<br>0.73<br>-2.18<br>N                 | 72.90<br>1.37<br>0.00<br>N                 | 71.01<br>1.26<br>0.00<br>N                 | 51.20<br>0.78<br>0.00<br>N                 | 49.80<br>0.57<br>0.00<br>N                 |
| MILLWD<br>61759                 | 77.71<br>6.11<br>0.00<br>N                 | 72.17<br>5.13<br>0.00<br>N                 | 70.22<br>4.50<br>0.00<br>N                 | 72.71<br>4.52<br>0.00<br>N                 | 74.86<br>4.94<br>0.00<br>N                 | 75.04<br>3.34<br>-29.11<br>N                 | 71.87<br>5.41<br>0.00<br>N                 | 72.73<br>5.09<br>-3.12<br>N                 | 66.05<br>5.02<br>-3.69<br>N                 | 74.50<br>5.85<br>0.00<br>N                 | 56.81<br>4.89<br>0.00<br>N                 | 65.65<br>5.36<br>0.00<br>N                 | 63.42<br>5.43<br>0.00<br>N                 | 54.25<br>4.26<br>0.00<br>N                 | 56.67<br>4.99<br>0.00<br>N                 | 70.62<br>-1.97<br>-96.87<br>N                 | 84.97<br>-2.24<br>-109.03<br>N                | 81.65<br>3.59<br>-34.44<br>N                | 79.53<br>4.09<br>-26.56<br>N                | 88.51<br>2.74<br>-51.94<br>N                | 77.87<br>6.34<br>0.00<br>N                 | 75.75<br>6.00<br>0.00<br>N                 | 54.86<br>4.43<br>0.00<br>N                 | 53.54<br>4.31<br>0.00<br>N                 |
| N.Y.C.<br>61761                 | 87.95<br>6.78<br>-9.56<br>N                | 88.31<br>5.76<br>-15.52<br>N               | 74.00<br>5.16<br>-3.12<br>N                | 73.42<br>5.24<br>0.00<br>N                 | 75.65<br>5.74<br>0.00<br>N                 | 75.38<br>3.84<br>-28.95<br>N                 | 72.73<br>6.27<br>0.00<br>N                 | 73.62<br>5.93<br>-3.18<br>N                 | 84.81<br>5.71<br>-21.76<br>N                | 78.79<br>6.64<br>-3.51<br>N                | 79.46<br>5.48<br>-22.07<br>N               | 78.03<br>5.95<br>-11.80<br>N               | 65.13<br>5.96<br>-1.18<br>N                | 54.66<br>4.68<br>0.00<br>N                 | 57.16<br>5.48<br>0.00<br>N                 | 72.63<br>-1.74<br>-98.66<br>N                 | 89.54<br>-2.23<br>-113.58<br>N                | 89.38<br>3.83<br>-41.93<br>N                | 80.82<br>4.36<br>-27.59<br>N                | 92.72<br>2.92<br>-55.97<br>N                | 79.20<br>6.90<br>-0.76<br>N                | 80.58<br>6.60<br>-4.23<br>N                | 66.04<br>5.07<br>-10.54<br>N               | 67.79<br>4.95<br>-13.62<br>N               |

|                |       |       |       |       |       |        |       |       |       |       |       |        |       |       |       |        |        |        |       |        |        |       |       |       |
|----------------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|-------|--------|--------|-------|-------|-------|
| NORTH<br>61755 | 70.27 | 65.97 | 65.19 | 67.79 | 69.20 | 41.92  | 65.41 | 63.82 | 56.54 | 67.93 | 50.98 | 59.38  | 56.87 | 49.31 | 50.44 | -23.82 | -21.27 | 42.92  | 48.13 | 33.36  | 70.74  | 69.17 | 50.03 | 48.68 |
|                | -1.34 | -1.07 | -0.53 | -0.39 | -0.71 | -0.66  | -1.06 | -0.69 | -0.80 | -0.72 | -0.93 | -0.91  | -1.11 | -0.68 | -1.24 | 0.47   | 0.54   | -0.70  | -0.75 | -0.46  | -0.79  | -0.58 | -0.40 | -0.55 |
|                | 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  | 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   | 77.00 | 70.19 | 68.48 | 71.24 | 73.48 | 79.46  | 70.22 | 68.85 | 62.02 | 72.48 | 54.84 | 63.41  | 61.10 | 52.06 | 54.28 | 9.28   | 15.95  | 57.69  | 60.63 | 53.71  | 75.25  | 60.41 | 53.03 | 53.28 |
|                | 4.20  | 3.15  | 2.76  | 3.06  | 3.57  | 2.48   | 3.76  | 3.21  | 3.36  | 3.83  | 2.92  | 3.12   | 3.11  | 2.08  | 2.60  | -1.09  | -1.22  | 1.85   | 2.34  | 1.47   | 3.72   | 3.23  | 2.60  | 2.68  |
|                | 2.28  | 0.00  | 0.00  | 0.00  | 0.00  | -34.39 | 0.00  | -1.12 | -1.32 | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  | -34.67 | -38.99 | -12.20 | -9.41 | -18.40 | 0.00   | 1.14  | 0.00  | -2.77 |
|                | 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   | 40.28 | 38.10 | 32.00 | 35.23 | 27.43 | 39.00  | 25.22 | 56.27 | 49.96 | 59.23 | 45.56 | 48.00  | 44.50 | 46.00 | 45.00 | 46.00  | -19.76 | 39.23  | 43.79 | 30.54  | 62.60  | 35.00 | 44.03 | 44.28 |
|                | -6.26 | -6.86 | -7.81 | -8.86 | -8.02 | -7.82  | -7.61 | -8.25 | -7.38 | -9.42 | -6.36 | -10.13 | -7.68 | -7.10 | -6.66 | -6.78  | 2.05   | -4.40  | -5.09 | -3.28  | -8.93  | -8.30 | -6.39 | -6.33 |
|                | 28.53 | 22.57 | 24.36 | 20.36 | 30.07 | 18.09  | 33.06 | 0.00  | 0.00  | 0.00  | 0.00  | 16.75  | 14.52 | 10.60 | 13.31 | 12.50  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00   | 15.03 | 0.00  | -2.77 |
|                | 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   | 68.17 | 61.41 | 59.06 | 60.82 | 63.44 | 45.22  | 60.53 | 58.85 | 52.20 | 62.53 | 48.08 | 56.08  | 67.66 | 47.00 | 70.13 | 73.16  | -21.04 | 58.00  | 45.86 | 46.11  | 49.11  | 51.11 | 46.07 | 45.01 |
|                | -4.63 | -5.63 | -6.65 | -7.37 | -6.47 | -4.09  | -5.93 | -5.67 | -5.13 | -6.11 | -3.84 | -4.21  | -1.39 | -2.99 | -1.07 | -1.81  | 0.77   | -2.56  | -3.02 | -3.02  | -3.92  | -6.08 | -4.35 | -5.60 |
|                | 2.28  | 0.00  | 0.00  | 0.00  | 0.00  | -6.72  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -2.35 | 0.00  | -6.23 | -9.69  | 0.00   | -9.85  | 0.00  | -5.00  | -11.48 | 1.14  | 0.00  | -2.77 |
|                | 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  | 65.04 | 60.53 | 58.42 | 60.11 | 62.21 | 42.52  | 59.70 | 57.10 | 50.71 | 60.25 | 46.39 | 53.78  | 52.35 | 45.25 | 47.66 | -22.80 | -20.18 | 39.80  | 44.48 | 30.99  | 63.58  | 62.25 | 44.65 | 43.25 |
|                | -6.56 | -6.51 | -7.29 | -8.07 | -7.71 | -4.65  | -6.76 | -7.42 | -6.62 | -8.40 | -5.53 | -6.51  | -5.64 | -4.74 | -4.02 | 1.49   | 1.63   | -3.83  | -4.40 | -2.84  | -7.95  | -7.49 | -5.77 | -5.98 |
|                | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -4.59  | 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     |