

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

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

## Zonal Data

05/18/2006

| Name   | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00  | 12:00  | 13:00 | 14:00 | 15:00  | 16:00 | 17:00  | 18:00  | 19:00  | 20:00 | 21:00 | 22:00  | 23:00 |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|--------|-------|--------|--------|--------|-------|-------|--------|-------|
| PTID   | EDT   | EDT   | EDT   | EDT   | EDT   | EDT   | EDT   | EDT   | EDT   | EDT   | EDT   | EDT    | EDT    | EDT   | EDT   | EDT    | EDT   | EDT    | EDT    | EDT    | EDT   | EDT   | EDT    | EDT   |
| CAPITL | 40.53 | 31.60 | 31.47 | 30.52 | 28.21 | 5.61  | 32.59 | 40.73 | 56.58 | 74.70 | 61.24 | 132.99 | 64.91  | 76.12 | 68.89 | 64.91  | 57.50 | 26.41  | 35.94  | 39.54  | 61.16 | 58.06 | 47.37  | 35.08 |
| 61757  | 1.15  | 0.86  | 0.92  | 0.88  | 0.76  | 0.15  | 1.04  | 1.62  | 2.30  | 2.80  | 2.45  | 4.90   | 2.79   | 3.03  | 2.64  | 2.45   | 2.18  | 0.88   | 1.16   | 1.36   | 2.43  | 2.48  | 1.90   | 1.10  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.27 | -0.08  | -0.57  | -0.01 | -0.24 | -0.70  | -0.45 | -3.53  | -3.81  | -1.98  | 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     |
| CENTRL | 38.25 | 29.79 | 29.61 | 28.80 | 26.70 | 5.21  | 30.76 | 38.42 | 53.28 | 78.15 | 57.74 | 126.86 | 60.80  | 72.17 | 65.05 | 60.89  | 53.99 | 21.77  | 30.73  | 35.89  | 57.87 | 54.61 | 44.64  | 33.21 |
| 61754  | -1.14 | -0.95 | -0.94 | -0.85 | -0.74 | -0.24 | -0.78 | -0.69 | -1.00 | -0.95 | -0.77 | -1.14  | -0.75  | -0.91 | -0.96 | -0.88  | -0.87 | -0.24  | -0.23  | -0.31  | -0.86 | -0.96 | -0.83  | -0.77 |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -7.21 | 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     |
| DUNWOD | 41.56 | 32.39 | 32.19 | 31.18 | 28.83 | 5.71  | 33.63 | 42.37 | 59.25 | 78.32 | 69.87 | 141.28 | 79.64  | 80.19 | 77.55 | 82.37  | 69.73 | 109.21 | 125.86 | 86.95  | 63.81 | 60.46 | 49.12  | 36.14 |
| 61760  | 2.17  | 1.65  | 1.64  | 1.54  | 1.39  | 0.26  | 2.09  | 3.26  | 4.97  | 6.42  | 5.70  | 11.64  | 6.10   | 6.98  | 6.41  | 5.98   | 5.35  | 1.81   | 2.41   | 2.83   | 5.09  | 4.88  | 3.65   | 2.16  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -5.66 | -1.64  | -11.98 | -0.12 | -5.13 | -14.63 | -9.52 | -85.39 | -92.49 | -47.92 | 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     |
| GENESE | 37.26 | 28.96 | 28.63 | 27.83 | 25.88 | 4.96  | 29.75 | 37.21 | 51.24 | 59.82 | 55.36 | 121.88 | 58.29  | 69.18 | 62.22 | 58.35  | 51.69 | 20.95  | 29.80  | 34.82  | 55.71 | 52.59 | 43.32  | 32.35 |
| 61753  | -2.12 | -1.78 | -1.92 | -1.81 | -1.56 | -0.49 | -1.80 | -1.89 | -3.04 | -3.33 | -3.15 | -6.12  | -3.27  | -3.90 | -3.80 | -3.42  | -3.18 | -1.06  | -1.16  | -1.38  | -3.01 | -2.98 | -2.15  | -1.63 |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 8.75  | 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     |
| H Q    | 39.47 | 30.81 | 30.58 | 29.67 | 27.48 | 5.47  | 36.00 | 32.00 | 53.56 | 70.96 | 57.56 | 126.21 | 60.40  | 71.85 | 65.01 | 60.89  | 54.09 | 21.71  | 30.57  | 35.76  | 57.98 | 52.74 | 17.83  | 44.20 |
| 61844  | 0.08  | 0.07  | 0.03  | 0.03  | 0.03  | 0.02  | -0.10 | -0.47 | -0.72 | -0.94 | -0.95 | -1.80  | -1.16  | -1.24 | -1.01 | -0.88  | -0.78 | -0.30  | -0.39  | -0.44  | -0.74 | -0.62 | -0.57  | -0.04 |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -1.85 | 10.30 | 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  | 2.87  | 27.09  | -3.52 |
|        | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N      | N      | N     | N     | N      | N     | N      | N      | N      | N     | N     | N      | N     |
| HUD VL | 41.42 | 32.29 | 32.11 | 31.13 | 28.79 | 5.72  | 33.51 | 42.15 | 58.88 | 77.91 | 68.13 | 140.26 | 76.35  | 79.71 | 75.86 | 78.42  | 67.03 | 96.05  | 111.94 | 79.69  | 63.54 | 60.15 | 48.88  | 36.00 |
| 61758  | 2.04  | 1.55  | 1.56  | 1.49  | 1.35  | 0.27  | 1.96  | 3.05  | 4.60  | 6.01  | 5.33  | 11.02  | 5.71   | 6.54  | 5.97  | 5.75   | 4.95  | 1.73   | 2.32   | 2.73   | 4.82  | 4.58  | 3.41   | 2.02  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -4.29 | -1.24  | -9.08  | -0.09 | -3.89 | -11.09 | -7.21 | -72.32 | -78.66 | -40.75 | 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     |
| LONGIL | 42.58 | 33.25 | 32.98 | 31.92 | 29.51 | 5.78  | 34.21 | 43.20 | 60.84 | 79.61 | 70.77 | 142.08 | 80.01  | 80.71 | 78.01 | 82.92  | 70.83 | 109.27 | 125.74 | 87.09  | 67.73 | 68.28 | 66.64  | 37.59 |
| 61762  | 3.19  | 2.51  | 2.42  | 2.29  | 2.07  | 0.32  | 2.66  | 4.09  | 6.36  | 7.71  | 6.60  | 12.44  | 6.47   | 7.50  | 6.87  | 6.52   | 6.35  | 1.77   | 2.29   | 2.98   | 6.32  | 6.39  | 4.96   | 3.08  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.21 | 0.00  | -5.66 | -1.64  | -11.98 | -0.12 | -5.13 | -14.63 | -9.62 | -85.50 | -92.49 | -47.92 | -2.69 | -6.31 | -16.20 | -0.53 |
|        | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N      | N      | N     | N     | N      | N     | N      | N      | N      | N     | N     | N      | N     |
| MHK VL | 39.54 | 30.82 | 30.65 | 29.76 | 27.58 | 5.46  | 31.91 | 39.80 | 55.27 | 73.41 | 60.03 | 131.45 | 63.59  | 74.93 | 67.76 | 63.64  | 56.36 | 26.27  | 35.76  | 39.31  | 60.16 | 56.77 | 46.23  | 34.27 |
| 61756  | 0.15  | 0.08  | 0.10  | 0.12  | 0.13  | 0.00  | 0.36  | 0.70  | 0.99  | 1.52  | 1.31  | 3.38   | 1.55   | 1.85  | 1.54  | 1.27   | 1.10  | 0.52   | 0.75   | 0.91   | 1.44  | 1.20  | 0.75   | 0.29  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.22 | -0.07  | -0.49  | 0.00  | -0.21 | -0.60  | -0.39 | -3.74  | -4.05  | -2.20  | 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     |
| MILLWD | 41.50 | 32.35 | 32.14 | 31.14 | 28.79 | 5.72  | 33.59 | 42.30 | 59.13 | 78.20 | 69.60 | 141.04 | 79.17  | 80.02 | 77.24 | 81.85  | 69.34 | 107.63 | 124.17 | 86.08  | 63.75 | 60.36 | 49.02  | 36.07 |
| 61759  | 2.12  | 1.61  | 1.59  | 1.51  | 1.35  | 0.26  | 2.04  | 3.20  | 4.85  | 6.30  | 5.59  | 11.44  | 5.96   | 6.82  | 6.24  | 5.85   | 5.22  | 1.78   | 2.39   | 2.82   | 5.03  | 4.78  | 3.55   | 2.09  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -5.51 | -1.59  | -11.65 | -0.12 | -4.99 | -14.23 | -9.26 | -83.84 | -90.82 | -47.05 | 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     |
| N.Y.C. | 41.68 | 32.48 | 32.26 | 31.23 | 28.87 | 5.71  | 33.77 | 42.57 | 59.63 | 78.63 | 70.27 | 140.36 | 80.07  | 80.65 | 78.01 | 82.84  | 70.14 | 109.18 | 125.93 | 87.05  | 64.05 | 60.72 | 49.31  | 36.25 |
| 61761  | 2.30  | 1.74  | 1.72  | 1.59  | 1.43  | 0.25  | 2.22  | 3.46  | 5.35  | 6.73  | 6.10  | 12.23  | 6.53   | 7.45  | 6.88  | 6.44   | 5.76  | 1.91   | 2.50   | 2.93   | 5.33  | 5.15  | 3.84   | 2.27  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -5.66 | -0.12  | -11.98 | -0.12 | -5.13 | -14.63 | -9.52 | -85.27 | -92.47 | -47.92 | 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     |

|                |                             |                             |                             |                             |                             |                            |                             |                             |                             |                              |                             |                               |                             |                             |                             |                             |                               |                               |                              |                              |                               |                             |                             |                             |
|----------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|
| NORTH<br>61755 | 39.36<br>-0.02<br>0.00<br>N | 30.71<br>-0.04<br>0.00<br>N | 30.47<br>-0.08<br>0.00<br>N | 29.54<br>-0.10<br>0.00<br>N | 27.39<br>-0.06<br>0.00<br>N | 5.45<br>0.00<br>0.00<br>N  | 31.47<br>-0.08<br>0.00<br>N | 38.47<br>-0.64<br>0.00<br>N | 53.24<br>-1.04<br>0.00<br>N | 70.50<br>-1.40<br>0.00<br>N  | 57.04<br>-1.47<br>0.00<br>N | 124.99<br>-3.01<br>0.00<br>N  | 59.76<br>-1.80<br>0.00<br>N | 71.01<br>-2.07<br>0.00<br>N | 64.36<br>-1.66<br>0.00<br>N | 60.38<br>-1.39<br>0.00<br>N | 53.57<br>-1.30<br>0.00<br>N   | 21.50<br>-0.51<br>0.00<br>N   | 30.28<br>-0.68<br>0.00<br>N  | 35.44<br>-0.76<br>0.00<br>N  | 57.47<br>-1.25<br>0.00<br>N   | 54.28<br>-1.29<br>0.00<br>N | 44.64<br>-0.84<br>0.00<br>N | 33.75<br>-0.23<br>0.00<br>N |
| NPX<br>61845   | 40.87<br>1.49<br>0.00<br>N  | 31.87<br>1.13<br>0.00<br>N  | 31.75<br>1.20<br>0.00<br>N  | 30.81<br>1.17<br>0.00<br>N  | 28.44<br>0.99<br>0.00<br>N  | 5.65<br>0.20<br>0.00<br>N  | 32.88<br>1.33<br>0.00<br>N  | 41.24<br>2.13<br>0.00<br>N  | 57.47<br>3.19<br>0.00<br>N  | 75.82<br>3.92<br>0.00<br>N   | 64.15<br>3.46<br>-2.18<br>N | 135.39<br>6.75<br>-0.63<br>N  | 70.01<br>3.83<br>-4.62<br>N | 77.35<br>4.23<br>-0.05<br>N | 71.73<br>3.75<br>-1.98<br>N | 70.87<br>3.46<br>-5.64<br>N | 61.63<br>3.09<br>-3.67<br>N   | 53.34<br>1.15<br>-30.19<br>N  | 65.11<br>1.49<br>-32.66<br>N | 54.85<br>1.72<br>-16.92<br>N | 61.80<br>3.08<br>0.00<br>N    | 60.05<br>3.02<br>-0.80<br>N | 47.80<br>2.33<br>0.00<br>N  | 35.37<br>1.38<br>0.00<br>N  |
| O H<br>61846   | 29.00<br>-4.26<br>1.64<br>N | 27.65<br>-3.09<br>0.00<br>N | 27.00<br>-4.14<br>1.54<br>N | 26.52<br>-3.12<br>0.00<br>N | 24.69<br>-2.76<br>0.00<br>N | 4.61<br>-0.85<br>0.00<br>N | 27.95<br>-3.59<br>0.00<br>N | 34.58<br>-4.53<br>0.00<br>N | 47.06<br>-7.22<br>0.00<br>N | 32.67<br>-8.86<br>30.37<br>N | 51.00<br>-7.51<br>0.00<br>N | 113.14<br>-14.87<br>0.00<br>N | 54.01<br>-7.54<br>0.00<br>N | 64.04<br>-9.04<br>0.00<br>N | 57.58<br>-8.43<br>0.00<br>N | 54.08<br>-7.69<br>0.00<br>N | 47.89<br>-6.97<br>0.00<br>N   | 19.52<br>-2.48<br>0.00<br>N   | 27.92<br>-3.04<br>0.00<br>N  | 32.48<br>-3.72<br>0.00<br>N  | 51.63<br>-7.09<br>0.00<br>N   | 46.00<br>-7.77<br>2.46<br>N | 40.83<br>-4.64<br>0.00<br>N | 30.84<br>-3.15<br>0.00<br>N |
| PJM<br>61847   | 35.32<br>-4.07<br>0.00<br>N | 27.40<br>-3.34<br>0.00<br>N | 27.24<br>-3.31<br>0.00<br>N | 26.64<br>-3.00<br>0.00<br>N | 24.65<br>-2.79<br>0.00<br>N | 4.58<br>-0.88<br>0.00<br>N | 28.53<br>-3.02<br>0.00<br>N | 35.79<br>-3.31<br>0.00<br>N | 50.02<br>-4.26<br>0.00<br>N | 55.93<br>-4.38<br>11.58<br>N | 54.96<br>-3.55<br>0.00<br>N | 122.30<br>-5.71<br>0.00<br>N  | 57.72<br>-3.84<br>0.00<br>N | 68.39<br>-4.69<br>0.00<br>N | 61.63<br>-4.38<br>0.00<br>N | 58.05<br>-3.72<br>0.00<br>N | 65.00<br>-2.50<br>-17.21<br>N | 60.00<br>-5.02<br>-15.33<br>N | 29.46<br>-1.50<br>0.00<br>N  | 43.50<br>-1.68<br>-0.75<br>N | 53.49<br>-2.15<br>-18.18<br>N | 47.86<br>-6.14<br>2.22<br>N | 42.12<br>-3.35<br>0.00<br>N | 31.10<br>-2.89<br>0.00<br>N |
| WEST<br>61752  | 35.80<br>-3.59<br>0.00<br>N | 27.79<br>-2.95<br>0.00<br>N | 27.42<br>-3.13<br>0.00<br>N | 26.71<br>-2.93<br>0.00<br>N | 24.85<br>-2.59<br>0.00<br>N | 4.60<br>-0.85<br>0.00<br>N | 28.31<br>-3.24<br>0.00<br>N | 35.14<br>-3.97<br>0.00<br>N | 48.09<br>-6.19<br>0.00<br>N | 30.65<br>-7.27<br>33.98<br>N | 52.33<br>-6.18<br>0.00<br>N | 116.17<br>-11.83<br>0.00<br>N | 55.33<br>-6.23<br>0.00<br>N | 65.56<br>-7.52<br>0.00<br>N | 58.94<br>-7.07<br>0.00<br>N | 55.41<br>-6.36<br>0.00<br>N | 49.01<br>-5.85<br>0.00<br>N   | 19.95<br>-2.05<br>0.00<br>N   | 28.51<br>-2.45<br>0.00<br>N  | 33.18<br>-3.03<br>0.00<br>N  | 52.80<br>-5.92<br>0.00<br>N   | 49.83<br>-5.74<br>0.00<br>N | 41.49<br>-3.99<br>0.00<br>N | 31.19<br>-2.79<br>0.00<br>N |