

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

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

## Zonal Data

10/21/2005

| Name                    | 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 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| PTID<br>CAPITL<br>61757 | 30.12        | 116.82       | 41.05        | 48.84        | 54.36        | 145.48       | 101.76       | 151.53       | 99.91        | 124.58       | 160.04       | 96.83        | 94.33        | 83.75        | 87.35        | 82.19        | 81.15        | 87.82        | 107.78       | 92.26        | 92.98        | 81.18        | 68.59        | 78.43        |
|                         | 0.99         | 0.55         | 1.56         | 1.95         | 2.18         | 0.24         | 4.22         | 6.24         | 4.21         | 5.04         | 6.56         | 3.68         | 3.73         | 3.08         | 3.54         | 3.26         | 3.19         | 3.45         | 3.87         | 3.11         | 3.00         | 3.00         | 2.46         | 1.54         |
|                         | 0.00         | -102.39      | 0.00         | 0.00         | 0.00         | -139.22      | 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         | -36.91       |
|                         | 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<br>61754         | 28.34        | 25.81        | 38.33        | 45.40        | 50.50        | 22.65        | 95.06        | 141.44       | 93.06        | 116.28       | 149.44       | 90.63        | 88.14        | 78.50        | 81.54        | 76.67        | 75.69        | 82.01        | 101.56       | 87.43        | 88.04        | 76.19        | 64.50        | 43.15        |
|                         | -0.79        | -0.41        | -1.17        | -1.50        | -1.67        | -0.16        | -2.48        | -3.85        | -2.64        | -3.26        | -4.05        | -2.52        | -2.46        | -2.17        | -2.28        | -2.26        | -2.27        | -2.35        | -2.34        | -1.72        | -1.93        | -1.99        | -1.63        | -0.96        |
|                         | 0.00         | -12.34       | 0.00         | 0.00         | 0.00         | -16.79       | 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         | -4.14        |
|                         | 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<br>61760         | 31.00        | 94.77        | 41.92        | 49.77        | 55.42        | 115.19       | 103.90       | 155.50       | 103.06       | 128.96       | 165.70       | 100.74       | 98.05        | 86.97        | 90.45        | 84.97        | 84.04        | 90.99        | 111.32       | 95.36        | 96.18        | 83.29        | 70.22        | 70.04        |
|                         | 1.88         | 0.87         | -2.43        | -2.88        | 3.25         | 0.35         | 6.36         | 10.21        | 7.36         | 9.43         | 12.21        | 7.58         | 7.45         | 6.30         | 6.63         | 6.04         | 6.08         | 6.62         | 7.41         | 6.21         | 6.21         | 5.11         | 4.10         | 2.39         |
|                         | 0.00         | -80.02       | 0.00         | 0.00         | 0.00         | -108.81      | 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         | -27.67       |
|                         | 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<br>61753         | 27.90        | 23.18        | 37.96        | 44.88        | 49.78        | 19.24        | 93.12        | 138.04       | 91.14        | 113.72       | 145.80       | 88.63        | 86.26        | 77.07        | 79.68        | 75.02        | 73.98        | 79.93        | 98.87        | 85.24        | 86.03        | 74.42        | 63.22        | 41.34        |
|                         | -1.23        | -0.57        | -1.53        | -2.02        | -2.40        | -0.22        | -4.42        | -7.25        | -4.55        | -5.81        | -7.68        | -4.53        | -4.34        | -3.60        | -4.13        | -3.90        | -3.98        | -4.44        | -5.04        | -3.91        | -3.95        | -3.76        | -2.91        | -1.96        |
|                         | 0.00         | -9.87        | 0.00         | 0.00         | 0.00         | -13.43       | 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         | -3.32        |
|                         | 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<br>61844            | 29.13        | 13.88        | 39.49        | 46.90        | 52.17        | 6.02         | 97.54        | 89.45        | 95.70        | 119.54       | 153.48       | 93.16        | 90.60        | 80.67        | 83.82        | 78.93        | 77.95        | 84.36        | 91.20        | 89.15        | 98.13        | 75.05        | 65.60        | 36.52        |
|                         | 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         | -0.31        | 0.00         | 0.00         | 0.00         | -0.53        | -1.98        |
|                         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 1.29         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | -4.37        | 0.00         | -11.83       | 18.99        | 0.00         | 1.48         |
|                         | 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<br>61758         | 30.81        | 92.50        | 41.65        | 49.45        | 55.07        | 112.18       | 103.18       | 154.19       | 102.00       | 127.52       | 163.99       | 99.69        | 97.08        | 86.30        | 89.62        | 84.41        | 83.51        | 90.41        | 110.76       | 94.88        | 95.68        | 82.92        | 69.92        | 69.60        |
|                         | 1.69         | 0.78         | -2.16        | 2.56         | 2.90         | 0.31         | 5.64         | 8.90         | 6.30         | 7.98         | 10.51        | 6.54         | 6.47         | 5.63         | 5.81         | 5.48         | 5.55         | 6.05         | 6.85         | 5.72         | 5.71         | 4.74         | 3.79         | 2.21         |
|                         | 0.00         | -77.84       | 0.00         | 0.00         | 0.00         | -105.85      | 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         | -27.41       |
|                         | 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<br>61762         | 81.50        | 95.19        | 65.22        | 82.57        | 69.18        | 133.52       | 104.96       | 157.80       | 105.04       | 131.34       | 168.18       | 102.41       | 99.71        | 94.26        | 96.14        | 95.73        | 95.69        | 96.69        | 170.87       | 102.84       | 99.79        | 86.61        | 85.32        | 86.84        |
|                         | 2.59         | 1.14         | 3.47         | 4.10         | 4.48         | 0.50         | 7.42         | 12.51        | 9.34         | 11.81        | 14.69        | 9.25         | 9.11         | 8.29         | 8.57         | 7.94         | 7.98         | 8.61         | 9.65         | 8.42         | 8.43         | 6.51         | 5.35         | 3.36         |
|                         | -49.79       | -80.17       | -22.25       | -31.58       | -12.52       | -127.00      | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | -5.30        | -3.76        | -8.87        | -9.75        | -3.72        | -57.31       | -5.27        | -1.38        | -1.92        | -13.84       | -43.50       |
|                         | 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<br>61756         | 28.96        | 23.04        | 39.24        | 46.61        | 51.83        | 18.63        | 97.83        | 146.21       | 95.94        | 119.77       | 153.52       | 93.28        | 90.51        | 80.54        | 83.66        | 78.66        | 77.59        | 84.08        | 104.19       | 89.66        | 90.51        | 78.39        | 66.20        | 42.81        |
|                         | -0.17        | -0.13        | -0.25        | -0.28        | -0.34        | -0.03        | 0.29         | 0.92         | 0.25         | 0.24         | 0.04         | 0.12         | -0.09        | -0.13        | -0.16        | -0.26        | -0.36        | -0.28        | 0.28         | 0.51         | 0.54         | 0.21         | 0.07         | -0.03        |
|                         | 0.00         | -9.30        | 0.00         | 0.00         | 0.00         | -12.64       | 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         | -2.86        |
|                         | 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<br>61759         | 30.96        | 95.19        | 41.86        | 49.72        | 55.34        | 115.77       | 103.80       | 155.27       | 102.88       | 128.74       | 165.39       | 100.54       | 97.86        | 86.77        | 90.27        | 84.75        | 83.84        | 90.78        | 111.10       | 95.18        | 95.98        | 83.14        | 70.09        | 70.15        |
|                         | 1.84         | 0.86         | 2.37         | 2.82         | 3.17         | 0.35         | 6.26         | 9.98         | 7.19         | 9.21         | 11.91        | 7.38         | 7.26         | 6.10         | 6.45         | 5.82         | 5.88         | 6.41         | 7.19         | 6.03         | 6.01         | 4.96         | 3.96         | 2.30         |
|                         | 0.00         | -80.46       | 0.00         | 0.00         | 0.00         | -109.40      | 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         | -27.87       |
|                         | 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.<br>61761         | 31.69        | 95.09        | 42.80        | 50.77        | 56.51        | 115.32       | 106.27       | 159.08       | 105.68       | 132.36       | 170.07       | 103.51       | 100.61       | 89.18        | 92.72        | 87.07        | 86.18        | 93.32        | 111.86       | 95.91        | 96.79        | 83.79        | 76.19        | 70.27        |
|                         | 2.56         | 1.19         | 3.31         | 3.88         | 4.34         | 0.49         | 8.73         | 13.79        | 9.99         | 12.82        | 16.59        | 10.35        | 10.01        | 8.51         | 8.90         | 8.14         | 8.22         | 8.96         | 7.95         | 6.76         | 6.82         | 5.57         | 4.42         | 2.57         |
|                         | 0.00         | -80.02       | 0.00         | 0.00         | 0.00         | -108.81      | 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         | -0.04        | -5.64        | -27.72       |
|                         | 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 |  | 27.06<br><i>-2.07</i><br>0.00<br>N | 8.79<br><i>-1.02</i><br>4.07<br>N           | 37.55<br><i>-1.95</i><br>0.00<br>N | 44.89<br><i>-2.01</i><br>0.00<br>N | 49.65<br><i>-2.53</i><br>0.00<br>N | 0.14<br><i>-0.35</i><br>5.53<br>N           | 93.78<br><i>-3.76</i><br>0.00<br>N          | 140.40<br><i>-4.89</i><br>0.00<br>N  | 90.54<br><i>-5.15</i><br>0.00<br>N  | 112.60<br><i>-6.94</i><br>0.00<br>N  | 142.54<br><i>-10.94</i><br>0.00<br>N | 87.03<br><i>-6.12</i><br>0.00<br>N           | 84.21<br><i>-6.39</i><br>0.00<br>N | 74.99<br><i>-5.68</i><br>0.00<br>N | 77.85<br><i>-5.96</i><br>0.00<br>N | 72.98<br><i>-5.95</i><br>0.00<br>N | 71.59<br><i>-6.37</i><br>0.00<br>N | 77.52<br><i>-6.84</i><br>0.00<br>N | 97.25<br><i>-6.66</i><br>0.00<br>N         | 84.66<br><i>-4.49</i><br>0.00<br>N | 86.50<br><i>-3.47</i><br>0.00<br>N          | 74.80<br><i>-3.38</i><br>0.00<br>N   | 63.34<br><i>-2.79</i><br>0.00<br>N | 36.77<br><i>-1.83</i><br>0.00<br>N         |
| NPX<br>61845   |  | 30.59<br>1.46<br>0.00<br>N         | 108.89<br>0.75<br><i>-94.26</i><br>N        | 41.51<br>2.02<br>0.00<br>N         | 49.44<br>2.55<br>0.00<br>N         | 55.05<br>2.88<br>0.00<br>N         | 134.48<br>0.30<br><i>-128.16</i><br>N       | 102.05<br>4.51<br>0.00<br>N                 | 93.45<br>3.99<br>0.00<br>N           | 100.52<br>4.82<br>0.00<br>N         | 125.30<br>5.76<br>0.00<br>N          | 161.04<br>7.55<br>0.00<br>N          | 97.41<br>4.26<br>0.00<br>N                   | 94.81<br>4.21<br>0.00<br>N         | 84.23<br>3.56<br>0.00<br>N         | 87.97<br>4.15<br>0.00<br>N         | 82.81<br>3.88<br>0.00<br>N         | 81.86<br>3.90<br>0.00<br>N         | 88.59<br>4.23<br>0.00<br>N         | 95.57<br>4.05<br><i>-4.37</i><br>N         | 92.61<br>3.46<br>0.00<br>N         | 101.38<br>3.25<br><i>-11.83</i><br>N        | 79.38<br>4.32<br>18.99<br>N          | 69.03<br>2.90<br>0.00<br>N         | 65.88<br>2.91<br><i>-2.92</i><br>N         |
| O H<br>61846   |  | 27.12<br><i>-2.01</i><br>0.00<br>N | 24.45<br><i>-0.90</i><br><i>-11.47</i><br>N | 37.10<br><i>-2.40</i><br>0.00<br>N | 43.83<br><i>-3.07</i><br>0.00<br>N | 48.40<br><i>-3.77</i><br>0.00<br>N | 21.22<br><i>-0.40</i><br><i>-15.60</i><br>N | 88.37<br><i>-9.17</i><br>0.00<br>N          | 79.68<br><i>-9.77</i><br>1.29<br>N   | 86.03<br><i>-9.67</i><br>0.00<br>N  | 107.25<br><i>-12.28</i><br>0.00<br>N | 137.16<br><i>-16.32</i><br>0.00<br>N | 83.50<br><i>-9.66</i><br>0.00<br>N           | 81.42<br><i>-9.18</i><br>0.00<br>N | 73.08<br><i>-7.60</i><br>0.00<br>N | 75.42<br><i>-8.39</i><br>0.00<br>N | 71.07<br><i>-7.86</i><br>0.00<br>N | 70.08<br><i>-7.87</i><br>0.00<br>N | 75.56<br><i>-8.80</i><br>0.00<br>N | 83.88<br><i>-7.64</i><br><i>-4.37</i><br>N | 80.37<br><i>-8.78</i><br>0.00<br>N | 90.20<br><i>-7.92</i><br><i>-11.83</i><br>N | 64.44<br><i>-10.61</i><br>18.99<br>N | 60.59<br><i>-5.54</i><br>0.00<br>N | 40.42<br><i>-3.40</i><br><i>-3.85</i><br>N |
| PJM<br>61847   |  | 26.06<br><i>-3.07</i><br>0.00<br>N | 31.42<br><i>-1.48</i><br><i>-19.03</i><br>N | 35.35<br><i>-4.14</i><br>0.00<br>N | 41.74<br><i>-5.15</i><br>0.00<br>N | 46.39<br><i>-5.78</i><br>0.00<br>N | 31.31<br><i>-0.59</i><br><i>-25.87</i><br>N | 80.00<br><i>-5.23</i><br><i>-22.22</i><br>N | 81.26<br><i>-8.19</i><br>1.29<br>N   | 86.00<br><i>-14.35</i><br>7.69<br>N | 106.13<br><i>-13.41</i><br>0.00<br>N | 137.14<br><i>-16.34</i><br>0.00<br>N | 104.07<br><i>-9.99</i><br><i>-21.09</i><br>N | 80.84<br><i>-9.76</i><br>0.00<br>N | 71.77<br><i>-8.90</i><br>0.00<br>N | 75.03<br><i>-8.79</i><br>0.00<br>N | 70.41<br><i>-8.52</i><br>0.00<br>N | 69.51<br><i>-8.45</i><br>0.00<br>N | 75.88<br><i>-8.48</i><br>0.00<br>N | 85.00<br><i>-6.52</i><br><i>-4.37</i><br>N | 82.20<br><i>-6.95</i><br>0.00<br>N | 92.50<br><i>-8.13</i><br><i>-14.34</i><br>N | 65.80<br><i>-12.54</i><br>15.71<br>N | 45.00<br><i>-8.84</i><br>7.63<br>N | 42.45<br><i>-3.98</i><br><i>-6.45</i><br>N |
| WEST<br>61752  |  | 27.24<br><i>-1.89</i><br>0.00<br>N | 25.94<br><i>-0.86</i><br><i>-12.93</i><br>N | 37.20<br><i>-2.29</i><br>0.00<br>N | 43.93<br><i>-2.96</i><br>0.00<br>N | 48.58<br><i>-3.59</i><br>0.00<br>N | 23.24<br><i>-0.36</i><br><i>-17.57</i><br>N | 89.53<br><i>-8.01</i><br>0.00<br>N          | 131.67<br><i>-13.62</i><br>0.00<br>N | 86.93<br><i>-8.77</i><br>0.00<br>N  | 108.53<br><i>-11.01</i><br>0.00<br>N | 139.01<br><i>-14.47</i><br>0.00<br>N | 84.52<br><i>-8.64</i><br>0.00<br>N           | 82.38<br><i>-8.22</i><br>0.00<br>N | 73.74<br><i>-6.93</i><br>0.00<br>N | 76.28<br><i>-7.53</i><br>0.00<br>N | 71.77<br><i>-7.16</i><br>0.00<br>N | 70.75<br><i>-7.20</i><br>0.00<br>N | 76.48<br><i>-7.88</i><br>0.00<br>N | 94.66<br><i>-9.24</i><br>0.00<br>N         | 81.64<br><i>-7.51</i><br>0.00<br>N | 82.22<br><i>-7.76</i><br>0.00<br>N          | 71.15<br><i>-7.03</i><br>0.00<br>N   | 60.79<br><i>-5.34</i><br>0.00<br>N | 41.11<br><i>-3.21</i><br><i>-4.34</i><br>N |