

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

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

## Zonal Data

05/06/2005

| 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 | 29.83        | 31.55        | 28.76        | 32.33        | 47.83        | 32.75        | 50.09        | 53.27        | 59.23        | 53.10        | 86.45        | 216.65       | 43.10        | 56.24        | 65.09        | 60.04        | 63.09        | 63.86        | 53.57        | 57.02        | 59.51        | 64.34        | 66.80        | 51.87        |
|                         | 1.11         | 1.14         | 1.05         | 1.19         | 1.63         | 1.14         | 2.15         | 2.65         | 3.43         | 3.14         | 4.07         | 10.96        | 2.00         | 2.48         | 2.95         | 2.83         | 3.13         | 3.05         | 2.55         | 2.82         | 3.15         | 3.23         | 2.80         | 1.87         |
|                         | 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            |
| CENTRL<br>61754         | 28.10        | 29.72        | 27.13        | 30.34        | 45.15        | 30.91        | 47.09        | 50.31        | 55.34        | 49.63        | 81.78        | 201.22       | 40.26        | 52.75        | 60.86        | 55.85        | 58.77        | 59.46        | 49.63        | 52.49        | 54.56        | 59.18        | 61.46        | 47.68        |
|                         | -0.62        | -0.68        | -0.59        | -0.80        | -1.04        | -0.69        | -0.85        | -0.31        | -0.45        | -0.34        | -0.61        | -4.46        | -0.84        | -1.01        | -1.29        | -1.36        | -1.20        | -1.35        | -1.40        | -1.71        | -1.80        | -1.94        | -2.55        | -2.32        |
|                         | 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            |
| DUNWOD<br>61760         | 30.54        | 32.23        | 29.34        | 32.91        | 48.73        | 33.48        | 51.31        | 54.79        | 60.79        | 54.63        | 89.79        | 224.52       | 45.14        | 58.88        | 67.97        | 62.65        | 65.93        | 66.65        | 55.94        | 59.52        | 61.91        | 66.76        | 68.89        | 53.42        |
|                         | 1.82         | 1.83         | 1.62         | 1.77         | 2.54         | 1.87         | 3.37         | 4.16         | 4.99         | 4.66         | 7.41         | 18.83        | 4.05         | 5.13         | 5.83         | 5.44         | 5.96         | 5.84         | 4.92         | 5.32         | 5.56         | 5.64         | 4.89         | 3.42         |
|                         | 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            |
| GENESE<br>61753         | 27.50        | 29.06        | 26.50        | 29.53        | 44.05        | 30.17        | 46.05        | 49.27        | 53.72        | 48.42        | 79.98        | 196.33       | 39.21        | 51.36        | 59.15        | 54.14        | 56.70        | 57.40        | 48.03        | 50.82        | 52.94        | 57.64        | 59.84        | 46.08        |
|                         | -1.22        | -1.35        | -1.21        | -1.61        | -2.15        | -1.44        | -1.89        | -1.35        | -2.08        | -1.55        | -2.40        | -9.36        | -1.89        | -2.40        | -3.00        | -3.08        | -3.27        | -3.41        | -2.99        | -3.38        | -3.42        | -3.47        | -4.17        | -3.92        |
|                         | 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            |
| H Q<br>61844            | 41.19        | 39.83        | 35.73        | 35.70        | 53.26        | 56.80        | 61.63        | 6.23         | 54.56        | 48.75        | 80.45        | 201.10       | 65.30        | 52.53        | 60.81        | 56.03        | 58.55        | 59.47        | 49.91        | 52.98        | 55.02        | 59.84        | 58.63        | 61.16        |
|                         | 0.13         | 0.05         | 0.06         | 0.06         | 0.06         | -0.03        | -0.51        | -1.07        | -1.23        | -1.22        | -1.93        | -4.59        | -2.02        | -1.23        | -1.34        | -1.19        | -1.42        | -1.34        | -1.12        | -1.22        | -1.33        | -1.28        | -0.77        | -0.23        |
|                         | -10.01       | -3.47        | -6.25        | -4.05        | -6.40        | -24.02       | -14.48       | 46.07        | 0.00         | 0.00         | 0.00         | 0.00         | 24.40        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 4.68         | -2.27        |
|                         | 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         | 30.39        | 32.11        | 29.24        | 32.81        | 48.58        | 33.36        | 51.10        | 54.53        | 60.49        | 54.34        | 89.34        | 223.42       | 44.86        | 58.52        | 67.57        | 62.25        | 65.50        | 66.25        | 55.61        | 59.19        | 61.59        | 66.45        | 68.59        | 53.17        |
|                         | 1.67         | 1.70         | 1.53         | 1.67         | 2.39         | 1.75         | 3.16         | 3.91         | 4.70         | 4.37         | 6.95         | 17.73        | 3.76         | 4.77         | 5.43         | 5.03         | 5.54         | 5.44         | 4.58         | 4.99         | 5.23         | 5.34         | 4.58         | 3.18         |
|                         | 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            |
| LONGIL<br>61762         | 68.56        | 64.04        | 43.65        | 34.01        | 59.48        | 65.93        | 71.37        | 72.22        | 72.41        | 70.98        | 108.60       | 226.53       | 74.17        | 74.91        | 74.28        | 73.36        | 73.80        | 74.38        | 74.46        | 75.06        | 83.16        | 80.04        | 77.31        | 111.77       |
|                         | 2.76         | 2.90         | 2.63         | 2.87         | 4.15         | 3.15         | 5.04         | 5.80         | 6.52         | 6.15         | 9.04         | 20.84        | 4.87         | 6.30         | 7.10         | 6.72         | 7.18         | 7.02         | 5.99         | 6.47         | 6.72         | 6.97         | 6.25         | 4.83         |
|                         | -37.07       | -30.73       | -13.31       | 0.00         | -9.14        | -31.17       | -18.39       | -15.80       | -10.10       | -14.86       | -17.18       | 0.00         | -28.20       | -14.86       | -5.03        | -9.43        | -6.66        | -6.54        | -17.45       | -14.40       | -20.09       | -11.96       | -7.05        | -56.94       |
|                         | 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         | 28.88        | 30.54        | 27.82        | 31.24        | 46.43        | 31.84        | 48.50        | 51.51        | 57.06        | 51.02        | 84.06        | 209.42       | 41.77        | 54.72        | 63.25        | 58.11        | 60.67        | 61.42        | 51.66        | 54.87        | 57.11        | 61.89        | 64.49        | 50.19        |
|                         | 0.15         | 0.14         | 0.11         | 0.10         | 0.24         | 0.23         | 0.56         | 0.89         | 1.27         | 1.05         | 1.67         | 3.73         | 0.67         | 0.97         | 1.10         | 0.90         | 0.70         | 0.61         | 0.63         | 0.67         | 0.75         | 0.77         | 0.49         | 0.20         |
|                         | 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            |
| MILLWD<br>61759         | 30.45        | 32.16        | 29.29        | 32.85        | 48.64        | 33.43        | 51.24        | 54.71        | 60.70        | 54.54        | 89.66        | 224.29       | 45.00        | 58.75        | 67.85        | 62.53        | 65.83        | 66.57        | 55.87        | 59.46        | 61.85        | 66.70        | 68.82        | 53.34        |
|                         | 1.73         | 1.75         | 1.58         | 1.72         | 2.45         | 1.82         | 3.30         | 4.09         | 4.91         | 4.57         | 7.28         | 18.60        | 3.90         | 5.00         | 5.70         | 5.32         | 5.86         | 5.75         | 4.85         | 5.27         | 5.49         | 5.59         | 4.81         | 3.35         |
|                         | 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            |
| N.Y.C.<br>61761         | 39.86        | 41.33        | 33.67        | 36.68        | 54.39        | 40.14        | 57.02        | 61.81        | 67.09        | 62.03        | 101.35       | 234.73       | 54.89        | 65.63        | 73.80        | 69.31        | 72.33        | 72.73        | 63.08        | 66.07        | 67.88        | 76.74        | 73.46        | 59.61        |
|                         | 2.78         | 2.80         | 2.24         | 2.42         | 3.86         | 2.89         | 4.47         | 5.42         | 6.39         | 5.97         | 9.35         | 22.98        | 5.03         | 6.46         | 7.31         | 6.85         | 7.45         | 7.34         | 6.17         | 6.71         | 6.98         | 7.10         | 6.26         | 4.47         |
|                         | -8.36        | -8.13        | -3.72        | -3.13        | -4.34        | -5.64        | -4.61        | -5.76        | -4.91        | -6.10        | -9.62        | -6.06        | -8.75        | -5.41        | -4.34        | -5.25        | -4.91        | -4.59        | -5.88        | -5.17        | -4.55        | -8.53        | -3.20        | -5.13        |
|                         | 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 | 28.35<br><b>-0.37</b><br>0.00<br>N | 30.01<br><b>-0.40</b><br>0.00<br>N | 27.35<br><b>-0.37</b><br>0.00<br>N | 30.85<br><b>-0.29</b><br>0.00<br>N | 45.83<br><b>-0.37</b><br>0.00<br>N | 31.39<br><b>-0.22</b><br>0.00<br>N | 47.23<br><b>-0.71</b><br>0.00<br>N  | 49.38<br><b>-1.25</b><br>0.00<br>N | 54.20<br><b>-1.60</b><br>0.00<br>N | 48.12<br><b>-1.85</b><br>0.00<br>N | 79.38<br><b>-3.01</b><br>0.00<br>N | 198.80<br><b>-6.89</b><br>0.00<br>N  | 39.58<br><b>-1.52</b><br>0.00<br>N   | 51.85<br><b>-1.90</b><br>0.00<br>N | 60.36<br><b>-1.79</b><br>0.00<br>N | 55.61<br><b>-1.61</b><br>0.00<br>N | 57.99<br><b>-1.97</b><br>0.00<br>N | 58.96<br><b>-1.85</b><br>0.00<br>N | 49.47<br><b>-1.55</b><br>0.00<br>N | 52.47<br><b>-1.73</b><br>0.00<br>N | 54.50<br><b>-1.86</b><br>0.00<br>N | 59.32<br><b>-1.80</b><br>0.00<br>N | 62.90<br><b>-1.11</b><br>0.00<br>N | 49.49<br><b>-0.50</b><br>0.00<br>N |
| NPX<br>61845   | 29.99<br><b>1.27</b><br>0.00<br>N  | 31.68<br><b>1.28</b><br>0.00<br>N  | 28.89<br><b>1.17</b><br>0.00<br>N  | 32.48<br><b>1.35</b><br>0.00<br>N  | 47.98<br><b>1.78</b><br>0.00<br>N  | 32.85<br><b>1.24</b><br>0.00<br>N  | 55.71<br><b>2.24</b><br>-5.81<br>N  | 53.27<br><b>2.65</b><br>0.00<br>N  | 59.18<br><b>3.39</b><br>0.00<br>N  | 53.11<br><b>3.14</b><br>0.00<br>N  | 86.68<br><b>4.30</b><br>0.00<br>N  | 217.53<br><b>11.84</b><br>0.00<br>N  | 72.70<br><b>5.39</b><br>24.40<br>N   | 56.61<br><b>2.85</b><br>0.00<br>N  | 65.52<br><b>3.37</b><br>0.00<br>N  | 60.51<br><b>3.29</b><br>0.00<br>N  | 63.71<br><b>3.75</b><br>0.00<br>N  | 64.47<br><b>3.65</b><br>0.00<br>N  | 54.10<br><b>3.07</b><br>0.00<br>N  | 57.53<br><b>3.33</b><br>0.00<br>N  | 59.97<br><b>3.61</b><br>0.00<br>N  | 64.75<br><b>3.64</b><br>0.00<br>N  | 67.16<br><b>3.15</b><br>0.00<br>N  | 52.22<br><b>2.22</b><br>0.00<br>N  |
| O H<br>61846   | 26.34<br><b>-2.38</b><br>0.00<br>N | 27.87<br><b>-2.54</b><br>0.00<br>N | 25.46<br><b>-2.25</b><br>0.00<br>N | 28.23<br><b>-2.91</b><br>0.00<br>N | 42.22<br><b>-3.98</b><br>0.00<br>N | 28.69<br><b>-2.92</b><br>0.00<br>N | 48.87<br><b>-4.60</b><br>-5.81<br>N | 46.55<br><b>-4.07</b><br>0.00<br>N | 50.16<br><b>-5.63</b><br>0.00<br>N | 45.24<br><b>-4.73</b><br>0.00<br>N | 75.06<br><b>-7.32</b><br>0.00<br>N | 182.87<br><b>-22.82</b><br>0.00<br>N | 55.23<br><b>-12.08</b><br>24.40<br>N | 48.03<br><b>-5.73</b><br>0.00<br>N | 55.30<br><b>-6.85</b><br>0.00<br>N | 50.58<br><b>-6.64</b><br>0.00<br>N | 52.95<br><b>-7.02</b><br>0.00<br>N | 53.78<br><b>-7.03</b><br>0.00<br>N | 45.06<br><b>-5.97</b><br>0.00<br>N | 47.55<br><b>-6.65</b><br>0.00<br>N | 49.33<br><b>-7.03</b><br>0.00<br>N | 53.94<br><b>-7.17</b><br>0.00<br>N | 56.42<br><b>-7.59</b><br>0.00<br>N | 43.50<br><b>-6.50</b><br>0.00<br>N |
| PJM<br>61847   | 26.07<br><b>-2.65</b><br>0.00<br>N | 27.47<br><b>-2.94</b><br>0.00<br>N | 25.23<br><b>-2.48</b><br>0.00<br>N | 28.20<br><b>-2.94</b><br>0.00<br>N | 41.90<br><b>-4.30</b><br>0.00<br>N | 28.76<br><b>-2.85</b><br>0.00<br>N | 49.13<br><b>-4.33</b><br>-5.81<br>N | 47.29<br><b>-3.34</b><br>0.00<br>N | 51.66<br><b>-4.13</b><br>0.00<br>N | 46.37<br><b>-3.60</b><br>0.00<br>N | 77.35<br><b>-5.03</b><br>0.00<br>N | 186.00<br><b>-19.68</b><br>0.00<br>N | 57.61<br><b>-9.70</b><br>24.40<br>N  | 49.06<br><b>-4.69</b><br>0.00<br>N | 56.62<br><b>-5.52</b><br>0.00<br>N | 51.87<br><b>-5.34</b><br>0.00<br>N | 55.12<br><b>-4.85</b><br>0.00<br>N | 55.65<br><b>-5.16</b><br>0.00<br>N | 46.32<br><b>-4.71</b><br>0.00<br>N | 49.37<br><b>-4.82</b><br>0.00<br>N | 51.29<br><b>-5.06</b><br>0.00<br>N | 55.49<br><b>-5.62</b><br>0.00<br>N | 56.58<br><b>-7.43</b><br>0.00<br>N | 43.91<br><b>-6.09</b><br>0.00<br>N |
| WEST<br>61752  | 26.68<br><b>-2.04</b><br>0.00<br>N | 28.17<br><b>-2.23</b><br>0.00<br>N | 25.77<br><b>-1.94</b><br>0.00<br>N | 28.62<br><b>-2.52</b><br>0.00<br>N | 42.75<br><b>-3.45</b><br>0.00<br>N | 29.12<br><b>-2.49</b><br>0.00<br>N | 44.21<br><b>-3.74</b><br>0.00<br>N  | 47.48<br><b>-3.15</b><br>0.00<br>N | 51.28<br><b>-4.52</b><br>0.00<br>N | 46.23<br><b>-3.74</b><br>0.00<br>N | 76.86<br><b>-5.53</b><br>0.00<br>N | 186.61<br><b>-19.08</b><br>0.00<br>N | 37.33<br><b>-3.77</b><br>0.00<br>N   | 49.03<br><b>-4.73</b><br>0.00<br>N | 56.45<br><b>-5.70</b><br>0.00<br>N | 51.61<br><b>-5.60</b><br>0.00<br>N | 54.19<br><b>-5.77</b><br>0.00<br>N | 54.94<br><b>-5.87</b><br>0.00<br>N | 45.95<br><b>-5.07</b><br>0.00<br>N | 48.58<br><b>-5.62</b><br>0.00<br>N | 50.46<br><b>-5.90</b><br>0.00<br>N | 55.06<br><b>-6.05</b><br>0.00<br>N | 57.22<br><b>-6.79</b><br>0.00<br>N | 44.11<br><b>-5.88</b><br>0.00<br>N |