

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

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

## Zonal Data

10/29/2006

| Name   | 00:00  | 01:00  | 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    | EST   | EST   | EST   | EST   | EST    | EST   | EST   | EST   | EST    | EST    | EST    | EST    | EST    | EST    | EST    | EST    | EST     | EST     | EST     | EST    | EST    | EST    | EST    |
| CAPITL | 46.06  | 36.56  | 16.92 | 20.36 | 18.64 | 9.53  | 18.79  | 21.25 | 58.48 | 80.35 | 76.62  | 62.61  | 47.22  | 42.79  | 72.01  | 59.35  | 83.40  | 69.50  | 619.11  | 231.59  | 175.86  | 70.65  | 77.82  | 59.48  | 37.26  |
| 61757  | 1.90   | 1.25   | 0.56  | 0.67  | 0.68  | 0.37  | 0.76   | 0.87  | 2.66  | 3.74  | 3.00   | 3.00   | 2.26   | 2.08   | 1.12   | 1.80   | 1.37   | 3.09   | 2.11    | 0.65    | 1.11    | 2.51   | 1.80   | 1.72   | 1.47   |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | -2.97 | -15.01 | 0.00   | 0.00   | 0.00   | -48.90 | -23.36 | -54.79 | -6.33  | -578.50 | -219.48 | -154.29 | -19.07 | -40.21 | -22.59 | 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      |
| CENTRL | 42.50  | 34.19  | 15.87 | 19.08 | 17.30 | 8.83  | 17.28  | 19.64 | 54.03 | 71.88 | 58.64  | 57.70  | 43.47  | 39.31  | 25.38  | 34.92  | 29.72  | 58.62  | 72.28   | 24.41   | 29.32   | 49.11  | 37.11  | 35.48  | 34.75  |
| 61754  | -1.66  | -1.12  | -0.48 | -0.62 | -0.67 | -0.33 | -0.74  | -0.74 | -1.79 | -2.13 | -1.84  | -1.91  | -1.49  | -1.40  | -0.72  | -1.14  | -0.78  | -1.85  | -0.76   | -0.16   | -0.36   | -1.12  | -1.11  | -1.03  | -1.04  |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | -0.37 | -1.86  | 0.00   | 0.00   | 0.00   | -4.10  | -1.87  | -3.27  | -0.38  | -34.54  | -13.10  | -9.21   | -1.16  | -2.40  | -1.35  | 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      |
| DUNWOD | 46.88  | 37.31  | 17.25 | 20.72 | 18.90 | 9.65  | 19.01  | 21.59 | 59.47 | 80.46 | 73.53  | 63.35  | 47.79  | 43.27  | 60.49  | 54.11  | 71.08  | 68.54  | 486.09  | 181.15  | 140.63  | 67.08  | 69.08  | 54.75  | 37.65  |
| 61760  | 2.72   | 2.00   | 0.90  | 1.03  | 0.93  | 0.49  | 0.99   | 1.21  | 3.64  | 4.61  | 3.76   | 3.74   | 2.83   | 2.56   | 1.34   | 2.14   | 1.66   | 3.58   | 2.20    | 0.70    | 1.37    | 3.32   | 2.31   | 2.19   | 1.86   |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | -2.21 | -11.16 | 0.00   | 0.00   | 0.00   | -37.15 | -17.79 | -42.19 | -4.87  | -445.39 | -168.99 | -118.80 | -14.68 | -30.96 | -17.39 | 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      |
| GENESE | 41.61  | 33.71  | 15.57 | 18.86 | 17.02 | 8.67  | 16.94  | 19.27 | 53.03 | 70.35 | 56.79  | 56.32  | 42.49  | 38.41  | 24.00  | 33.83  | 28.51  | 57.69  | 63.91   | 21.47   | 27.22   | 48.64  | 36.27  | 34.85  | 34.77  |
| 61753  | -2.54  | -1.60  | -0.78 | -0.83 | -0.94 | -0.49 | -1.08  | -1.11 | -2.79 | -3.57 | -3.26  | -3.29  | -2.47  | -2.30  | -1.17  | -1.80  | -1.25  | -2.69  | -1.21   | -0.09   | -0.35   | -1.31  | -1.39  | -1.35  | -1.03  |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | -0.28 | -1.43  | 0.00   | 0.00   | 0.00   | -3.18  | -1.44  | -2.52  | -0.29  | -26.62  | -10.10  | -7.10   | -0.88  | -1.85  | -1.04  | 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      |
| H Q    | 43.94  | 35.19  | 16.30 | 19.64 | 17.95 | 9.14  | 17.98  | 20.29 | 55.26 | 72.78 | 57.97  | 59.01  | 44.51  | 40.32  | 21.80  | 33.87  | 27.00  | 59.58  | 37.95   | 11.24   | 20.09   | 48.34  | 35.48  | 34.85  | 35.66  |
| 61844  | -0.22  | -0.12  | -0.05 | -0.05 | -0.01 | -0.02 | -0.05  | -0.09 | -0.57 | -0.86 | -0.64  | -0.61  | -0.45  | -0.38  | -0.20  | -0.31  | -0.23  | -0.51  | -0.55   | -0.23   | -0.37   | -0.73  | -0.33  | -0.31  | -0.13  |
|        | 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   | 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      |
| HUD VL | 46.70  | 37.19  | 17.22 | 20.70 | 18.87 | 9.64  | 18.96  | 21.53 | 59.30 | 80.32 | 73.31  | 63.28  | 47.70  | 43.19  | 59.60  | 53.61  | 69.80  | 68.31  | 473.24  | 176.29  | 137.23  | 66.69  | 68.16  | 54.21  | 37.62  |
| 61758  | 2.55   | 1.88   | 0.87  | 1.00  | 0.90  | 0.48  | 0.94   | 1.15  | 3.47  | 4.50  | 3.67   | 3.66   | 2.74   | 2.47   | 1.30   | 2.06   | 1.60   | 3.50   | 2.30    | 0.75    | 1.42    | 3.36   | 2.29   | 2.16   | 1.83   |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | -2.18 | -11.02 | 0.00   | 0.00   | 0.00   | -36.30 | -17.36 | -40.96 | -4.73  | -432.44 | -164.08 | -115.34 | -14.26 | -30.06 | -16.89 | 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      |
| LONGIL | 72.25  | 52.54  | 19.42 | 21.32 | 19.42 | 13.95 | 31.96  | 30.36 | 65.83 | 81.33 | 75.66  | 75.32  | 77.08  | 77.03  | 87.92  | 77.09  | 73.78  | 79.49  | 486.06  | 181.17  | 140.84  | 79.20  | 78.21  | 74.38  | 73.21  |
| 61762  | 3.97   | 3.02   | 1.39  | 1.62  | 1.45  | 0.78  | 1.51   | 1.73  | 5.23  | 5.48  | 4.95   | 5.15   | 3.95   | 3.60   | 1.89   | 2.99   | 2.14   | 4.69   | 2.17    | 0.71    | 1.58    | 4.25   | 3.13   | 3.13   | 2.91   |
|        | -24.12 | -14.21 | -1.68 | 0.00  | 0.00  | -4.01 | -12.43 | -8.24 | -4.77 | -2.21 | -12.10 | -10.56 | -28.17 | -32.71 | -64.03 | -39.92 | -44.40 | -14.71 | -445.39 | -168.99 | -118.80 | -25.88 | -39.26 | -36.09 | -34.51 |
|        | 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      |
| MHK VL | 43.72  | 34.97  | 16.22 | 19.51 | 17.77 | 9.06  | 17.85  | 20.28 | 55.60 | 73.89 | 59.89  | 59.77  | 45.01  | 40.72  | 24.55  | 35.28  | 29.45  | 60.32  | 62.55   | 20.56   | 26.89   | 49.88  | 37.30  | 35.78  | 35.40  |
| 61756  | -0.44  | -0.33  | -0.13 | -0.18 | -0.19 | -0.10 | -0.17  | -0.10 | -0.22 | 0.03  | 0.15   | 0.15   | 0.05   | 0.01   | -0.01  | -0.09  | -0.03  | -0.03  | 0.31    | 0.07    | 0.08    | 0.03   | -0.16  | -0.31  | -0.38  |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | -0.22 | -1.13  | 0.00   | 0.00   | 0.00   | -2.57  | -1.18  | -2.26  | -0.26  | -23.75  | -9.03   | -6.35   | -0.78  | -1.65  | -0.93  | 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      |
| MILLWD | 46.84  | 37.29  | 17.25 | 20.72 | 18.89 | 9.65  | 19.00  | 21.58 | 59.41 | 80.51 | 73.68  | 63.41  | 47.83  | 43.31  | 60.79  | 54.27  | 71.42  | 68.59  | 489.73  | 182.54  | 141.64  | 67.24  | 69.50  | 55.07  | 37.84  |
| 61759  | 2.68   | 1.98   | 0.90  | 1.03  | 0.92  | 0.49  | 0.97   | 1.19  | 3.59  | 4.65  | 3.82   | 3.80   | 2.87   | 2.60   | 1.35   | 2.15   | 1.65   | 3.59   | 2.24    | 0.72    | 1.42    | 3.39   | 2.47   | 2.39   | 2.05   |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | -2.23 | -11.24 | 0.00   | 0.00   | 0.00   | -37.44 | -17.93 | -42.53 | -4.91  | -448.99 | -170.36 | -119.76 | -14.78 | -31.21 | -17.51 | 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      |
| N.Y.C. | 47.25  | 37.58  | 17.36 | 20.85 | 19.00 | 9.72  | 19.15  | 21.72 | 59.84 | 80.97 | 73.95  | 63.76  | 48.11  | 43.57  | 60.68  | 54.40  | 71.30  | 68.96  | 479.83  | 181.19  | 140.74  | 67.45  | 69.33  | 55.03  | 37.90  |
| 61761  | 3.09   | 2.27   | 1.01  | 1.15  | 1.04  | 0.55  | 1.12   | 1.34  | 4.01  | 5.12  | 4.15   | 4.15   | 3.15   | 2.86   | 1.51   | 2.42   | 1.88   | 4.00   | 2.31    | 0.74    | 1.48    | 3.69   | 2.56   | 2.47   | 2.11   |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | -2.21 | -11.18 | 0.00   | 0.00   | 0.00   | -37.18 | -17.80 | -42.19 | -4.87  | -439.02 | -168.99 | -118.80 | -14.68 | -30.96 | -17.39 | 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      |

|                |                                    |                                    |                                    |                                    |  |   |                                    |                                    |                                    |  |  |                                    |                                    |                                    |  |  |  |  |  |  |  |  |  |  |   |
|----------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|--|---|------------------------------------|------------------------------------|------------------------------------|--|--|------------------------------------|------------------------------------|------------------------------------|--|--|--|--|--|--|--|--|--|--|---|
| NORTH<br>61755 | 43.65<br><i>-0.51</i><br>0.00<br>N | 34.99<br><i>-0.32</i><br>0.00<br>N | 16.22<br><i>-0.13</i><br>0.00<br>N | 19.55<br><i>-0.14</i><br>0.00<br>N | 17.88<br><i>-0.09</i><br>0.00<br>N         | 9.11<br><i>-0.06</i><br>0.00<br>N         | 17.91<br><i>-0.11</i><br>0.00<br>N | 20.22<br><i>-0.16</i><br>0.00<br>N | 55.01<br><i>-0.82</i><br>0.00<br>N | 72.64<br><i>-0.99</i><br>0.00<br>N         | 57.88<br><i>-0.73</i><br>0.00<br>N         | 58.91<br><i>-0.70</i><br>0.00<br>N | 44.46<br><i>-0.50</i><br>0.00<br>N | 40.26<br><i>-0.45</i><br>0.00<br>N | 21.76<br><i>-0.24</i><br>0.00<br>N         | 33.81<br><i>-0.37</i><br>0.00<br>N         | 26.98<br><i>-0.26</i><br>0.00<br>N         | 59.56<br><i>-0.52</i><br>0.00<br>N         | 37.90<br><i>-0.60</i><br>0.00<br>N           | 11.21<br><i>-0.25</i><br>0.00<br>N           | 20.03<br><i>-0.43</i><br>0.00<br>N           | 48.14<br><i>-0.93</i><br>0.00<br>N         | 35.37<br><i>-0.44</i><br>0.00<br>N         | 34.65<br><i>-0.51</i><br>0.00<br>N         | 35.46<br><i>-0.33</i><br>0.00<br>N        |
| NPX<br>61845   | 46.37<br><i>2.22</i><br>0.00<br>N  | 36.75<br><i>1.44</i><br>0.00<br>N  | 17.00<br><i>0.66</i><br>0.00<br>N  | 20.46<br><i>0.77</i><br>0.00<br>N  | 50.00<br><i>1.59</i><br><i>-12.44</i><br>N | 45.00<br><i>1.90</i><br><i>-6.93</i><br>N | 18.88<br><i>0.86</i><br>0.00<br>N  | 21.34<br><i>0.96</i><br>0.00<br>N  | 58.80<br><i>2.97</i><br>0.00<br>N  | 80.22<br><i>3.98</i><br><i>-2.60</i><br>N  | 74.91<br><i>3.15</i><br><i>-13.15</i><br>N | 62.71<br><i>3.10</i><br>0.00<br>N  | 47.31<br><i>2.35</i><br>0.00<br>N  | 42.89<br><i>2.18</i><br>0.00<br>N  | 66.76<br><i>1.16</i><br><i>-43.61</i><br>N | 56.95<br><i>1.90</i><br><i>-20.87</i><br>N | 78.01<br><i>1.36</i><br><i>-49.42</i><br>N | 68.76<br><i>2.97</i><br><i>-5.71</i><br>N  | 562.07<br><i>1.91</i><br><i>-521.66</i><br>N | 210.01<br><i>0.61</i><br><i>-197.93</i><br>N | 160.69<br><i>1.09</i><br><i>-139.14</i><br>N | 68.80<br><i>2.53</i><br><i>-17.20</i><br>N | 73.93<br><i>1.86</i><br><i>-36.26</i><br>N | 57.40<br><i>1.86</i><br><i>-20.38</i><br>N | 37.37<br><i>1.58</i><br><i>0.00</i><br>N  |
| O H<br>61846   | 38.52<br><i>-5.63</i><br>0.00<br>N | 31.50<br><i>-3.81</i><br>0.00<br>N | 14.48<br><i>-1.87</i><br>0.00<br>N | 17.66<br><i>-2.03</i><br>0.00<br>N | 15.82<br><i>-2.15</i><br>0.00<br>N         | 8.05<br><i>-1.11</i><br>0.00<br>N         | 15.67<br><i>-2.35</i><br>0.00<br>N | 17.67<br><i>-2.71</i><br>0.00<br>N | 48.69<br><i>-7.14</i><br>0.00<br>N | 64.73<br><i>-9.22</i><br><i>-0.32</i><br>N | 52.21<br><i>-8.00</i><br><i>-1.60</i><br>N | 51.45<br><i>-8.16</i><br>0.00<br>N | 38.83<br><i>-6.13</i><br>0.00<br>N | 34.93<br><i>-5.78</i><br>0.00<br>N | 22.50<br><i>-3.07</i><br><i>-3.57</i><br>N | 31.13<br><i>-4.68</i><br><i>-1.63</i><br>N | 26.58<br><i>-3.52</i><br><i>-2.86</i><br>N | 52.62<br><i>-7.79</i><br><i>-0.33</i><br>N | 63.99<br><i>-4.73</i><br><i>-30.22</i><br>N  | 21.94<br><i>-0.99</i><br><i>-11.47</i><br>N  | 26.54<br><i>-1.99</i><br><i>-8.06</i><br>N   | 44.93<br><i>-5.14</i><br><i>-1.00</i><br>N | 33.77<br><i>-4.14</i><br><i>-2.10</i><br>N | 32.52<br><i>-3.83</i><br><i>-1.18</i><br>N | 32.59<br><i>-3.20</i><br><i>0.00</i><br>N |
| PJM<br>61847   | 39.41<br><i>-4.75</i><br>0.00<br>N | 31.74<br><i>-3.57</i><br>0.00<br>N | 14.72<br><i>-1.63</i><br>0.00<br>N | 17.53<br><i>-2.16</i><br>0.00<br>N | 15.74<br><i>-2.22</i><br>0.00<br>N         | 8.09<br><i>-1.08</i><br>0.00<br>N         | 42.00<br><i>-8.23</i><br>5.00<br>N | 17.97<br><i>-2.42</i><br>0.00<br>N | 50.09<br><i>-5.73</i><br>0.00<br>N | 67.09<br><i>-7.11</i><br><i>-0.56</i><br>N | 55.44<br><i>-6.02</i><br><i>-2.85</i><br>N | 53.13<br><i>-6.48</i><br>0.00<br>N | 39.86<br><i>-5.10</i><br>0.00<br>N | 36.01<br><i>-4.70</i><br>0.00<br>N | 25.92<br><i>-2.45</i><br><i>-6.36</i><br>N | 33.29<br><i>-3.79</i><br><i>-2.90</i><br>N | 29.49<br><i>-2.86</i><br><i>-5.11</i><br>N | 54.15<br><i>-6.52</i><br><i>-0.59</i><br>N | 89.18<br><i>-3.29</i><br><i>-53.96</i><br>N  | 30.87<br><i>-1.07</i><br><i>-20.48</i><br>N  | 32.93<br><i>-1.93</i><br><i>-14.39</i><br>N  | 46.08<br><i>-4.77</i><br><i>-1.78</i><br>N | 35.53<br><i>-4.03</i><br><i>-3.75</i><br>N | 33.85<br><i>-3.42</i><br><i>-2.11</i><br>N | 32.23<br><i>-3.56</i><br><i>0.00</i><br>N |
| WEST<br>61752  | 39.08<br><i>-5.07</i><br>0.00<br>N | 31.90<br><i>-3.41</i><br>0.00<br>N | 14.66<br><i>-1.69</i><br>0.00<br>N | 17.84<br><i>-1.85</i><br>0.00<br>N | 15.97<br><i>-2.00</i><br>0.00<br>N         | 8.14<br><i>-1.02</i><br>0.00<br>N         | 15.84<br><i>-2.18</i><br>0.00<br>N | 17.91<br><i>-2.47</i><br>0.00<br>N | 49.38<br><i>-6.45</i><br>0.00<br>N | 65.81<br><i>-8.16</i><br><i>-0.34</i><br>N | 53.21<br><i>-7.12</i><br><i>-1.72</i><br>N | 52.29<br><i>-7.33</i><br>0.00<br>N | 39.41<br><i>-5.55</i><br>0.00<br>N | 35.47<br><i>-5.25</i><br>0.00<br>N | 23.07<br><i>-2.76</i><br><i>-3.83</i><br>N | 31.71<br><i>-4.22</i><br><i>-1.74</i><br>N | 27.17<br><i>-3.13</i><br><i>-3.07</i><br>N | 53.48<br><i>-6.95</i><br><i>-0.35</i><br>N | 66.83<br><i>-4.05</i><br><i>-32.38</i><br>N  | 22.91<br><i>-0.84</i><br><i>-12.29</i><br>N  | 27.41<br><i>-1.69</i><br><i>-8.64</i><br>N   | 45.68<br><i>-4.46</i><br><i>-1.07</i><br>N | 34.35<br><i>-3.71</i><br><i>-2.25</i><br>N | 33.05<br><i>-3.38</i><br><i>-1.26</i><br>N | 32.                                       |