

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/09/2010

| 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 | 52.29 | 46.43 | 44.81 | 44.32 | 43.72 | 43.72 | 46.02 | 49.76  | 57.25  | 64.83 | 77.62  | 92.16  | 98.88  | 106.41 | 98.41  | 93.75  | 95.00  | 75.88  | 69.72  | 60.89  | 64.73  | 64.45  | 50.59  | 49.93 |
| 61757  | 2.06  | 1.44  | 1.47  | 1.37  | 1.40  | 1.52  | 1.73  | 1.96   | 2.93   | 3.20  | 4.05   | 5.05   | 5.29   | 5.54   | 4.27   | 3.79   | 4.31   | 3.42   | 3.14   | 2.72   | 3.61   | 3.88   | 2.50   | 2.38  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00   | -0.85  | -2.03  | -5.15  | -5.74  | -4.56  | -4.14  | -1.19  | -0.40  | 0.00   | 0.00   | 0.00   | 0.00  |
| CENTRL | 50.63 | 44.99 | 43.33 | 42.90 | 42.28 | 42.28 | 44.38 | 48.13  | 55.07  | 62.12 | 74.09  | 87.37  | 93.11  | 99.04  | 89.61  | 84.81  | 86.57  | 68.32  | 65.52  | 58.01  | 61.12  | 60.69  | 47.99  | 47.46 |
| 61754  | 0.40  | 0.00  | 0.00  | -0.04 | -0.04 | 0.08  | 0.09  | 0.33   | 0.76   | 0.49  | 0.51   | 0.26   | 0.37   | 0.20   | 0.62   | 0.59   | 0.43   | 0.00   | 0.13   | 0.23   | 0.00   | 0.12   | -0.10  | -0.10 |
|        | 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  |
| DUNWOD | 54.90 | 48.41 | 46.32 | 45.61 | 44.99 | 44.94 | 47.74 | 52.72  | 60.56  | 68.96 | 81.88  | 97.48  | 117.27 | 141.93 | 178.74 | 186.00 | 169.43 | 142.64 | 92.71  | 71.62  | 68.88  | 68.27  | 54.00  | 52.17 |
| 61760  | 4.67  | 3.42  | 2.99  | 2.66  | 2.67  | 2.74  | 3.45  | 4.92   | 6.25   | 7.33  | 8.31   | 10.37  | 11.59  | 12.26  | 11.30  | 10.78  | 11.03  | 8.68   | 8.44   | 7.45   | 7.76   | 7.69   | 5.92   | 4.61  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00   | -12.94 | -30.82 | -78.45 | -91.00 | -72.27 | -65.64 | -18.88 | -6.39  | 0.00   | 0.00   | 0.00   | 0.00  |
| GENESE | 49.78 | 44.14 | 42.55 | 42.09 | 41.43 | 41.40 | 43.05 | 46.84  | 53.82  | 60.27 | 71.36  | 83.98  | 89.22  | 94.99  | 86.23  | 81.36  | 83.38  | 65.93  | 63.23  | 56.27  | 59.35  | 58.94  | 46.65  | 45.60 |
| 61753  | -0.45 | -0.85 | -0.78 | -0.86 | -0.89 | -0.80 | -1.24 | -0.96  | -0.49  | -1.36 | -2.21  | -3.14  | -3.52  | -3.86  | -2.76  | -2.86  | -2.76  | -2.39  | -2.16  | -1.50  | -1.77  | -1.64  | -1.44  | -1.95 |
|        | 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  |
| H Q    | 48.52 | 45.25 | 42.90 | 42.65 | 42.03 | 41.90 | 43.99 | 46.65  | 52.79  | 59.97 | 71.73  | 84.93  | 90.24  | 96.38  | 86.50  | 81.95  | 83.72  | 66.48  | 63.50  | 56.10  | 59.35  | 58.76  | 46.84  | 46.65 |
| 61844  | -1.00 | -0.45 | -0.43 | -0.30 | -0.30 | -0.30 | -0.49 | -0.96  | -1.52  | -1.66 | -1.84  | -2.18  | -2.50  | -2.47  | -2.49  | -2.27  | -2.41  | -1.84  | -1.90  | -1.68  | -1.77  | -1.82  | -1.25  | -0.90 |
|        | 0.71  | -0.71 | 0.00  | 0.00  | 0.00  | 0.00  | -0.19 | 0.19   | 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  |
| HUD VL | 54.85 | 48.27 | 46.32 | 45.65 | 44.99 | 44.94 | 47.61 | 52.20  | 60.13  | 68.66 | 81.74  | 97.22  | 113.82 | 133.78 | 159.84 | 163.12 | 151.26 | 126.24 | 87.90  | 69.92  | 68.52  | 67.96  | 53.72  | 52.17 |
| 61758  | 4.62  | 3.28  | 2.99  | 2.71  | 2.67  | 2.74  | 3.32  | 4.40   | 5.81   | 7.03  | 8.17   | 10.10  | 11.31  | 11.66  | 11.12  | 10.44  | 10.77  | 8.54   | 8.30   | 7.34   | 7.40   | 7.39   | 5.63   | 4.61  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00   | -9.77  | -23.27 | -59.73 | -68.45 | -54.36 | -49.37 | -14.21 | -4.80  | 0.00   | 0.00   | 0.00   | 0.00  |
| LONGIL | 56.92 | 50.08 | 47.37 | 45.91 | 45.24 | 45.15 | 48.32 | 54.50  | 60.66  | 69.63 | 82.84  | 98.61  | 118.76 | 144.41 | 180.81 | 188.12 | 171.60 | 144.91 | 95.47  | 74.05  | 71.39  | 70.45  | 65.60  | 58.10 |
| 61762  | 6.68  | 5.08  | 4.03  | 2.96  | 2.92  | 2.95  | 4.03  | 6.69   | 6.35   | 8.01  | 9.27   | 11.50  | 13.08  | 14.73  | 13.35  | 12.89  | 13.18  | 10.93  | 11.18  | 9.88   | 10.27  | 9.87   | 8.08   | 6.66  |
|        | -0.01 | -0.01 | -0.01 | 0.00  | 0.00  | 0.00  | 0.00  | -0.01  | 0.01   | 0.01  | 0.00   | 0.00   | -12.94 | -30.83 | -78.47 | -91.02 | -72.28 | -65.65 | -18.90 | -6.39  | 0.00   | 0.00   | -9.43  | -3.88 |
| MHK VL | 51.89 | 46.20 | 44.68 | 44.28 | 43.63 | 43.59 | 45.71 | 49.42  | 56.59  | 64.40 | 77.10  | 91.55  | 97.94  | 105.27 | 97.94  | 94.08  | 94.37  | 75.53  | 69.41  | 60.61  | 63.63  | 63.00  | 49.68  | 49.12 |
| 61756  | 1.66  | 1.21  | 1.34  | 1.33  | 1.31  | 1.39  | 1.42  | 1.63   | 2.28   | 2.77  | 3.53   | 4.44   | 4.45   | 4.65   | 4.09   | 4.04   | 3.62   | 3.01   | 2.81   | 2.43   | 2.51   | 2.42   | 1.59   | 1.57  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00   | -0.75  | -1.78  | -4.86  | -5.82  | -4.62  | -4.20  | -1.21  | -0.41  | 0.00   | 0.00   | 0.00   | 0.00  |
| MILLWD | 54.85 | 48.32 | 46.24 | 45.57 | 44.90 | 44.90 | 47.66 | 52.72  | 60.61  | 69.27 | 82.40  | 97.91  | 117.69 | 141.85 | 177.51 | 184.33 | 168.17 | 141.49 | 92.62  | 71.80  | 69.19  | 68.39  | 54.00  | 52.07 |
| 61759  | 4.62  | 3.33  | 2.90  | 2.62  | 2.58  | 2.70  | 3.37  | 4.92   | 6.30   | 7.64  | 8.83   | 10.80  | 12.33  | 12.95  | 12.01  | 11.45  | 11.63  | 9.22   | 8.83   | 7.80   | 8.07   | 7.81   | 5.92   | 4.52  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00   | -12.62 | -30.05 | -76.51 | -88.66 | -70.41 | -63.95 | -18.40 | -6.22  | 0.00   | 0.00   | 0.00   | 0.00  |
| N.Y.C. | 65.27 | 57.00 | 46.72 | 46.00 | 45.33 | 45.32 | 48.19 | 65.87  | 73.31  | 78.98 | 95.30  | 110.88 | 127.77 | 148.53 | 175.50 | 181.39 | 168.32 | 149.18 | 107.87 | 90.34  | 88.26  | 87.85  | 75.31  | 62.14 |
| 61761  | 5.22  | 3.82  | 3.38  | 3.05  | 3.00  | 3.12  | 3.90  | 5.40   | 6.73   | 7.95  | 8.75   | 10.71  | 12.06  | 12.55  | 11.48  | 10.95  | 11.28  | 8.95   | 8.57   | 7.74   | 8.31   | 8.36   | 6.40   | 5.09  |
|        | -9.81 | -8.19 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -12.67 | -12.26 | -9.40 | -12.98 | -13.05 | -22.97 | -37.13 | -75.03 | -86.22 | -70.90 | -71.91 | -33.91 | -24.82 | -18.83 | -18.92 | -20.83 | -9.50 |
| NORTH  | 49.18 | 44.77 | 43.12 | 42.90 | 42.24 | 42.16 | 43.89 | 46.70  | 52.58  | 59.97 | 72.25  | 85.20  | 90.05  | 97.07  | 86.59  | 81.95  | 83.55  | 66.48  | 63.17  | 55.58  | 59.04  | 58.33  | 46.74  | 46.46 |
| 61755  | -1.05 | -0.22 | -0.22 | -0.04 | -0.08 | -0.04 | -0.40 | -1.10  | -1.74  | -1.66 | -1.32  | -1.92  | -2.69  | -1.78  | -2.40  | -2.27  | -2.58  | -1.84  | -2.22  | -2.20  | -2.08  | -2.24  | -1.35  | -1.09 |
|        | 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  |
| NPX    | 52.29 | 47.77 | 45.28 | 44.75 | 44.10 | 44.10 | 46.56 | 50.56  | 58.33  | 66.31 | 79.16  | 94.34  | 106.15 | 120.02 | 129.38 | 129.38 | 123.95 | 101.77 | 78.68  | 65.10  | 66.13  | 65.54  | 51.60  | 50.41 |
| 61845  | 2.76  | 2.07  | 1.95  | 1.80  | 1.78  | 1.90  | 2.21  | 2.82   | 4.02   | 4.68  | 5.59   | 7.23   | 7.88   | 8.01   | 7.12   | 6.65   | 7.24   | 5.67   | 5.30   | 4.62   | 5.01   | 4.97   | 3.51   | 2.85  |
|        | 0.71  | -0.71 | 0.00  | 0.00  | 0.00  | 0.00  | -0.06 | 0.06   | 0.00   | 0.00  | 0.00   | 0.00   | -5.53  | -13.17 | -33.27 | -38.51 | -30.58 | -27.77 | -7.99  | -2.70  | 0.00   | 0.00   | 0.00   | 0.00  |

|               |                                      |                                       |                                      |                                      |                                      |                                      |                                       |                                       |                                       |                                      |                                      |                                       |  |  |  |  |  |  |                                       |                                      |                                      |                                      |                                      |                                      |
|---------------|--------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|--|--|--|--|--|--|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| O H<br>61846  | 46.66<br><i>-2.86</i><br><i>0.71</i> | 43.00<br><i>-2.70</i><br><i>-0.71</i> | 40.73<br><i>-2.60</i><br><i>0.00</i> | 40.16<br><i>-2.79</i><br><i>0.00</i> | 39.49<br><i>-2.84</i><br><i>0.00</i> | 39.37<br><i>-2.83</i><br><i>0.00</i> | 40.63<br><i>-3.72</i><br><i>-0.06</i> | 44.06<br><i>-3.68</i><br><i>0.06</i>  | 50.24<br><i>-4.07</i><br><i>0.00</i>  | 55.28<br><i>-6.35</i><br><i>0.00</i> | 64.96<br><i>-8.61</i><br><i>0.00</i> | 75.70<br><i>-11.41</i><br><i>0.00</i> | 80.50<br><i>-12.24</i><br><i>0.00</i>  | 85.90<br><i>-12.95</i><br><i>0.00</i>  | 78.84<br><i>-10.14</i><br><i>0.00</i>  | 74.11<br><i>-10.11</i><br><i>0.00</i>    | 76.23<br><i>-9.91</i><br><i>0.00</i>   | 60.19<br><i>-8.13</i><br><i>0.00</i>   | 57.94<br><i>-7.45</i><br><i>0.00</i>  | 51.71<br><i>-6.07</i><br><i>0.00</i> | 54.58<br><i>-6.54</i><br><i>0.00</i> | 54.76<br><i>-5.82</i><br><i>0.00</i> | 43.91<br><i>-4.18</i><br><i>0.00</i> | 42.32<br><i>-5.23</i><br><i>0.00</i> |
| PJM<br>61847  | 48.32<br><i>-1.21</i><br><i>0.71</i> | 47.05<br><i>1.35</i><br><i>-0.71</i>  | 44.24<br><i>0.91</i><br><i>0.00</i>  | 43.63<br><i>0.69</i><br><i>0.00</i>  | 43.00<br><i>0.68</i><br><i>0.00</i>  | 43.00<br><i>0.80</i><br><i>0.00</i>  | 45.68<br><i>1.33</i><br><i>-0.06</i>  | 44.48<br><i>-4.11</i><br><i>-0.79</i> | 50.10<br><i>-5.00</i><br><i>-0.79</i> | 65.14<br><i>3.51</i><br><i>0.00</i>  | 77.54<br><i>3.97</i><br><i>0.00</i>  | 91.33<br><i>4.70</i><br><i>0.49</i>   | 88.82<br><i>-10.76</i><br><i>-6.84</i> | 121.44<br><i>5.54</i><br><i>-17.06</i> | 134.30<br><i>0.00</i><br><i>-45.31</i> | 126.74<br><i>-10.44</i><br><i>-52.96</i> | 133.20<br><i>5.25</i><br><i>-41.81</i> | 110.89<br><i>3.96</i><br><i>-38.60</i> | 80.76<br><i>3.99</i><br><i>-11.38</i> | 65.26<br><i>3.52</i><br><i>-3.96</i> | 64.73<br><i>3.61</i><br><i>0.00</i>  | 64.27<br><i>3.69</i><br><i>0.00</i>  | 50.78<br><i>2.69</i><br><i>0.00</i>  | 49.22<br><i>1.66</i><br><i>0.00</i>  |
| WEST<br>61752 | 48.07<br><i>-2.16</i><br><i>0.00</i> | 42.70<br><i>-2.29</i><br><i>0.00</i>  | 40.99<br><i>-2.34</i><br><i>0.00</i> | 40.41<br><i>-2.53</i><br><i>0.00</i> | 39.78<br><i>-2.54</i><br><i>0.00</i> | 39.71<br><i>-2.49</i><br><i>0.00</i> | 41.23<br><i>-3.06</i><br><i>0.00</i>  | 44.98<br><i>-2.82</i><br><i>0.00</i>  | 51.43<br><i>-2.88</i><br><i>0.00</i>  | 56.76<br><i>-4.87</i><br><i>0.00</i> | 66.95<br><i>-6.62</i><br><i>0.00</i> | 78.05<br><i>-9.06</i><br><i>0.00</i>  | 83.09<br><i>-9.64</i><br><i>0.00</i>   | 88.67<br><i>-10.18</i><br><i>0.00</i>  | 81.25<br><i>-7.74</i><br><i>0.00</i>   | 76.30<br><i>-7.92</i><br><i>0.00</i>     | 78.38<br><i>-7.75</i><br><i>0.00</i>   | 61.63<br><i>-6.70</i><br><i>0.00</i>   | 59.31<br><i>-6.08</i><br><i>0.00</i>  | 52.92<br><i>-4.85</i><br><i>0.00</i> | 55.80<br><i>-5.32</i><br><i>0.00</i> | 55.91<br><i>-4.66</i><br><i>0.00</i> | 44.63<br><i>-3.46</i><br><i>0.00</i> | 43.04<br><i>-4.52</i><br><i>0.00</i> |