

# Day Ahead Market Zonal LBMP

| --- LBMP \$ |       |       |       |       |       |        |       |       |       | --- Marginal Cost of Losses |        |       |       |        |        |       |       |       |        | --- Marginal Cost of Congestion |        |       |        |        |            |  |  |  |  |  |  |  |
|-------------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-----------------------------|--------|-------|-------|--------|--------|-------|-------|-------|--------|---------------------------------|--------|-------|--------|--------|------------|--|--|--|--|--|--|--|
| Zonal Data  |       |       |       |       |       |        |       |       |       |                             |        |       |       |        |        |       |       |       |        |                                 |        |       |        |        | 02/20/2005 |  |  |  |  |  |  |  |
| 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        | EST   | EST   | EST   | EST   | EST   | EST    | EST   | EST   | EST   | EST                         | EST    | EST   | EST   | EST    | EST    | EST   | EST   | EST   | EST    | EST                             | EST    | EST   | EST    | EST    |            |  |  |  |  |  |  |  |
| CAPITL      | 51.33 | 51.35 | 49.29 | 48.17 | 46.87 | 44.91  | 48.26 | 51.20 | 55.97 | 59.21                       | 61.28  | 62.24 | 60.21 | 54.72  | 53.89  | 54.73 | 57.95 | 67.68 | 68.80  | 67.55                           | 66.57  | 63.25 | 48.65  | 46.31  |            |  |  |  |  |  |  |  |
| 61757       | 2.44  | 2.40  | 2.30  | 2.21  | 2.23  | 2.10   | 2.39  | 2.48  | 2.67  | 3.03                        | 3.19   | 3.24  | 3.25  | 2.90   | 2.86   | 2.95  | 3.33  | 4.37  | 4.56   | 4.18                            | 4.00   | 3.24  | 2.32   | 2.25   |            |  |  |  |  |  |  |  |
|             | 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   |            |  |  |  |  |  |  |  |
| CENTRL      | 47.57 | 47.58 | 45.62 | 44.68 | 43.44 | 41.75  | 44.63 | 47.55 | 52.24 | 55.00                       | 56.75  | 57.63 | 55.59 | 50.42  | 49.65  | 50.33 | 53.14 | 62.37 | 63.73  | 62.86                           | 61.87  | 59.11 | 45.22  | 42.70  |            |  |  |  |  |  |  |  |
| 61754       | -1.32 | -1.37 | -1.36 | -1.29 | -1.21 | -1.07  | -1.24 | -1.17 | -1.07 | -1.18                       | -1.34  | -1.36 | -1.37 | -1.40  | -1.38  | -1.45 | -1.47 | -0.95 | -0.51  | -0.51                           | -0.69  | -0.90 | -1.11  | -1.37  |            |  |  |  |  |  |  |  |
|             | 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      | 52.81 | 52.52 | 50.46 | 49.37 | 47.95 | 46.04  | 49.77 | 52.41 | 57.20 | 60.56                       | 62.44  | 63.54 | 61.17 | 55.39  | 54.60  | 55.50 | 58.56 | 68.88 | 70.14  | 69.06                           | 67.95  | 64.46 | 49.04  | 48.10  |            |  |  |  |  |  |  |  |
| 61760       | 3.72  | 3.57  | 3.48  | 3.40  | 3.30  | 3.17   | 3.72  | 3.75  | 3.89  | 4.38                        | 4.76   | 4.84  | 4.61  | 4.15   | 4.08   | 4.19  | 4.37  | 5.76  | 6.17   | 5.89                            | 5.63   | 4.80  | 3.57   | 3.57   |            |  |  |  |  |  |  |  |
|             | -0.21 | 0.00  | 0.00  | 0.00  | 0.00  | -0.06  | -0.18 | 0.06  | 0.00  | 0.00                        | 0.41   | 0.29  | 0.40  | 0.58   | 0.51   | 0.47  | 0.42  | 0.20  | 0.27   | 0.20                            | 0.24   | 0.35  | 0.86   | -0.46  |            |  |  |  |  |  |  |  |
| GENESE      | 46.74 | 46.84 | 44.87 | 43.85 | 42.63 | 41.23  | 43.49 | 46.77 | 51.71 | 54.21                       | 55.87  | 56.75 | 54.91 | 50.01  | 49.19  | 49.86 | 52.76 | 61.73 | 63.15  | 62.48                           | 61.44  | 58.81 | 45.04  | 41.60  |            |  |  |  |  |  |  |  |
| 61753       | -2.15 | -2.10 | -2.11 | -2.11 | -2.01 | -1.58  | -2.39 | -1.95 | -1.60 | -1.97                       | -2.21  | -2.24 | -2.05 | -1.81  | -1.84  | -1.92 | -1.86 | -1.58 | -1.09  | -0.89                           | -1.13  | -1.20 | -1.30  | -2.47  |            |  |  |  |  |  |  |  |
|             | 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         | 48.50 | 48.56 | 46.65 | 45.60 | 44.29 | 42.52  | 45.46 | 48.28 | 52.83 | 55.73                       | 57.62  | 58.52 | 56.56 | 51.46  | 50.67  | 51.41 | 57.03 | 59.44 | 62.83  | 62.10                           | 61.44  | 59.23 | 45.82  | 43.71  |            |  |  |  |  |  |  |  |
| 61844       | -0.39 | -0.39 | -0.33 | -0.37 | -0.36 | -0.30  | -0.41 | -0.44 | -0.48 | -0.45                       | -0.46  | -0.47 | -0.40 | -0.36  | -0.36  | -0.36 | -0.38 | -1.08 | -1.41  | -1.27                           | -1.13  | -0.78 | -0.51  | -0.35  |            |  |  |  |  |  |  |  |
|             | 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  | -2.80 | 2.80  | 0.00   | 0.00                            | 0.00   | 0.00  | 0.00   | 0.00   |            |  |  |  |  |  |  |  |
| HUD VL      | 51.84 | 52.33 | 50.22 | 49.14 | 47.77 | 45.62  | 48.87 | 52.34 | 57.20 | 60.56                       | 62.36  | 63.43 | 61.00 | 55.28  | 54.33  | 55.25 | 58.39 | 68.92 | 70.09  | 68.98                           | 67.91  | 64.37 | 48.67  | 46.23  |            |  |  |  |  |  |  |  |
| 61758       | 3.52  | 3.38  | 3.24  | 3.17  | 3.13  | 2.95   | 3.49  | 3.70  | 3.89  | 4.38                        | 4.76   | 4.78  | 4.61  | 4.15   | 4.03   | 4.14  | 4.37  | 5.89  | 6.23   | 5.89                            | 5.69   | 4.86  | 3.57   | 3.44   |            |  |  |  |  |  |  |  |
|             | 0.57  | 0.00  | 0.00  | 0.00  | 0.00  | 0.15   | 0.49  | 0.08  | 0.00  | 0.00                        | 0.49   | 0.34  | 0.57  | 0.69   | 0.73   | 0.67  | 0.60  | 0.29  | 0.38   | 0.28                            | 0.35   | 0.50  | 1.23   | 1.27   |            |  |  |  |  |  |  |  |
| LONGIL      | 59.88 | 59.15 | 58.77 | 57.93 | 57.82 | 57.85  | 56.96 | 58.24 | 59.49 | 61.63                       | 74.83  | 73.21 | 69.37 | 62.50  | 62.14  | 62.60 | 64.75 | 80.00 | 85.79  | 85.73                           | 83.98  | 71.21 | 61.13  | 58.96  |            |  |  |  |  |  |  |  |
| 61762       | 4.99  | 4.94  | 4.79  | 4.69  | 4.64  | 4.32   | 4.54  | 5.12  | 4.96  | 5.45                        | 5.92   | 6.02  | 5.53  | 4.66   | 4.69   | 4.97  | 4.86  | 6.84  | 7.45   | 6.97                            | 6.51   | 5.46  | 4.03   | 3.57   |            |  |  |  |  |  |  |  |
|             | -6.00 | -5.26 | -7.00 | -7.27 | -8.53 | -10.71 | -6.55 | -4.40 | -1.23 | -0.01                       | -10.82 | -8.20 | -6.88 | -6.01  | -6.41  | -5.86 | -5.27 | -9.85 | -14.09 | -15.39                          | -14.91 | -5.74 | -10.76 | -11.33 |            |  |  |  |  |  |  |  |
| MHK VL      | 49.53 | 49.59 | 47.55 | 46.52 | 45.13 | 43.37  | 46.47 | 49.21 | 53.95 | 56.97                       | 58.89  | 59.88 | 57.76 | 52.44  | 51.64  | 52.40 | 55.38 | 64.52 | 65.59  | 64.70                           | 63.75  | 60.91 | 46.84  | 44.64  |            |  |  |  |  |  |  |  |
| 61756       | 0.64  | 0.64  | 0.56  | 0.55  | 0.49  | 0.56   | 0.60  | 0.49  | 0.64  | 0.79                        | 0.81   | 0.88  | 0.80  | 0.62   | 0.61   | 0.62  | 0.76  | 1.20  | 1.35   | 1.33                            | 1.19   | 0.90  | 0.51   | 0.57   |            |  |  |  |  |  |  |  |
|             | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  | 0.00                        | 0.00   | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00                            | 0.00   | 0.00  | 0.00   | 0.00   |            |  |  |  |  |  |  |  |
| MILLWD      | 52.14 | 52.67 | 50.60 | 49.50 | 48.12 | 45.98  | 49.29 | 52.67 | 57.57 | 61.01                       | 62.82  | 63.91 | 61.31 | 55.55  | 54.57  | 55.71 | 58.83 | 69.25 | 70.41  | 69.38                           | 68.29  | 64.71 | 48.80  | 46.37  |            |  |  |  |  |  |  |  |
| 61759       | 3.91  | 3.72  | 3.62  | 3.54  | 3.48  | 3.34   | 3.99  | 4.04  | 4.26  | 4.83                        | 5.29   | 5.31  | 5.01  | 4.51   | 4.39   | 4.71  | 4.92  | 6.27  | 6.62   | 6.34                            | 6.13   | 5.28  | 3.89   | 3.79   |            |  |  |  |  |  |  |  |
|             | 0.66  | 0.00  | 0.00  | 0.00  | 0.00  | 0.18   | 0.57  | 0.10  | 0.00  | 0.00                        | 0.55   | 0.39  | 0.67  | 0.78   | 0.85   | 0.78  | 0.70  | 0.33  | 0.44   | 0.33                            | 0.41   | 0.58  | 1.43   | 1.49   |            |  |  |  |  |  |  |  |
| N.Y.C.      | 61.33 | 54.00 | 51.84 | 50.70 | 49.29 | 49.22  | 57.30 | 55.30 | 59.00 | 62.37                       | 71.91  | 70.75 | 71.92 | 67.85  | 67.63  | 67.57 | 69.73 | 75.57 | 78.57  | 75.81                           | 75.79  | 74.53 | 69.88  | 65.35  |            |  |  |  |  |  |  |  |
| 61761       | 5.18  | 5.04  | 4.84  | 4.73  | 4.64  | 4.45   | 5.18  | 5.36  | 5.65  | 6.18                        | 6.56   | 6.67  | 6.38  | 5.75   | 5.66   | 5.80  | 6.12  | 7.98  | 8.61   | 8.24                            | 8.01   | 7.08  | 5.14   | 4.98   |            |  |  |  |  |  |  |  |
|             | -7.26 | -0.01 | -0.01 | -0.01 | -0.01 | -1.95  | -6.24 | -1.22 | -0.04 | -0.01                       | -7.26  | -5.09 | -8.58 | -10.28 | -10.94 | -9.99 | -9.00 | -4.28 | -5.72  | -4.20                           | -5.22  | -7.44 | -18.40 | -16.31 |            |  |  |  |  |  |  |  |
| NORTH       | 48.79 | 48.80 | 46.89 | 45.83 | 44.46 | 42.73  | 45.64 | 48.23 | 52.78 | 55.79                       | 57.67  | 58.58 | 56.62 | 51.51  | 50.72  | 51.47 | 54.29 | 62.11 | 62.63  | 61.97                           | 61.31  | 59.11 | 45.68  | 43.93  |            |  |  |  |  |  |  |  |
| 61755       | -0.10 | -0.15 | -0.09 | -0.14 | -0.18 | -0.09  | -0.23 | -0.49 | -0.53 | -0.39                       | -0.41  | -0.41 | -0.34 | -0.31  | -0.31  | -0.31 | -0.33 | -1.20 | -1.61  | -1.39                           | -1.25  | -0.90 | -0.65  | -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   |            |  |  |  |  |  |  |  |
| NPX         | 51.43 | 51.45 | 49.43 | 48.35 | 46.96 | 45.00  | 48.44 | 51.35 | 56.08 | 59.27                       | 61.45  | 62.41 | 60.26 | 54.83  | 53.89  | 54.73 | 57.84 | 67.62 | 68.80  | 67.68                           | 66.69  | 63.37 | 48.84  | 46.53  |            |  |  |  |  |  |  |  |
| 61845       | 2.54  | 2.50  | 2.44  | 2.39  | 2.32  | 2.18   | 2.57  | 2.63  | 2.77  | 3.09                        | 3.37   | 3.42  | 3.30  | 3.01   | 2.86   | 2.95  | 3.22  | 4.31  | 4.56   | 4.31                            | 4.13   | 3.36  | 2.50   | 2.47   |            |  |  |  |  |  |  |  |
|             | 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<br>61846    | 44.05<br><i>-4.84</i><br>0.00 | 43.91<br><i>-5.04</i><br>0.00 | 42.10<br><i>-4.89</i><br>0.00 | 41.18<br><i>-4.78</i><br>0.00 | 40.09<br><i>-4.55</i><br>0.00 | 38.88<br><i>-3.94</i><br>0.00 | 40.14<br><i>-5.73</i><br>0.00 | 43.12<br><i>-5.60</i><br>0.00 | 47.61<br><i>-5.70</i><br>0.00 | 50.17<br><i>-6.01</i><br>0.00 | 51.58<br><i>-6.51</i><br>0.00 | 52.33<br><i>-6.67</i><br>0.00 | 50.47<br><i>-6.49</i><br>0.00 | 46.02<br><i>-5.80</i><br>0.00 | 45.26<br><i>-5.77</i><br>0.00 | 45.87<br><i>-5.90</i><br>0.00 | 48.61<br><i>-6.01</i><br>0.00 | 56.98<br><i>-6.33</i><br>0.00 | 58.27<br><i>-5.97</i><br>0.00 | 57.85<br><i>-5.51</i><br>0.00 | 56.81<br><i>-5.76</i><br>0.00 | 54.61<br><i>-5.40</i><br>0.00 | 41.61<br><i>-4.73</i><br>0.00 | 38.07<br><i>-5.99</i><br>0.00 |
| PJM<br>61847  | 43.61<br><i>-5.28</i><br>0.00 | 42.88<br><i>-6.07</i><br>0.00 | 41.11<br><i>-5.87</i><br>0.00 | 40.49<br><i>-5.47</i><br>0.00 | 39.46<br><i>-5.18</i><br>0.00 | 38.32<br><i>-4.50</i><br>0.00 | 41.42<br><i>-4.45</i><br>0.00 | 44.48<br><i>-4.24</i><br>0.00 | 48.83<br><i>-4.48</i><br>0.00 | 51.52<br><i>-4.66</i><br>0.00 | 52.97<br><i>-5.11</i><br>0.00 | 53.80<br><i>-5.19</i><br>0.00 | 51.89<br><i>-5.07</i><br>0.00 | 46.48<br><i>-5.34</i><br>0.00 | 45.77<br><i>-5.26</i><br>0.00 | 46.24<br><i>-5.54</i><br>0.00 | 48.61<br><i>-6.01</i><br>0.00 | 58.06<br><i>-5.26</i><br>0.00 | 60.00<br><i>-4.24</i><br>0.00 | 59.25<br><i>-4.12</i><br>0.00 | 58.31<br><i>-4.25</i><br>0.00 | 55.21<br><i>-4.80</i><br>0.00 | 41.01<br><i>-5.33</i><br>0.00 | 38.60<br><i>-5.46</i><br>0.00 |
| WEST<br>61752 | 44.25<br><i>-4.64</i><br>0.00 | 44.01<br><i>-4.94</i><br>0.00 | 42.14<br><i>-4.84</i><br>0.00 | 41.28<br><i>-4.69</i><br>0.00 | 40.18<br><i>-4.46</i><br>0.00 | 39.05<br><i>-3.77</i><br>0.00 | 40.60<br><i>-5.28</i><br>0.00 | 43.85<br><i>-4.87</i><br>0.00 | 48.35<br><i>-4.96</i><br>0.00 | 50.96<br><i>-5.22</i><br>0.00 | 52.39<br><i>-5.69</i><br>0.00 | 53.09<br><i>-5.90</i><br>0.00 | 51.21<br><i>-5.75</i><br>0.00 | 46.54<br><i>-5.29</i><br>0.00 | 45.82<br><i>-5.20</i><br>0.00 | 46.34<br><i>-5.44</i><br>0.00 | 49.16<br><i>-5.46</i><br>0.00 | 57.87<br><i>-5.45</i><br>0.00 | 59.36<br><i>-4.88</i><br>0.00 | 58.93<br><i>-4.44</i><br>0.00 | 57.87<br><i>-4.69</i><br>0.00 | 55.39<br><i>-4.62</i><br>0.00 | 41.84<br><i>-4.49</i><br>0.00 | 38.38<br><i>-5.68</i><br>0.00 |