

# Day Ahead Market Zonal LBMP

|            |  | --- LBMP \$ |       |       |       |       |       |       |       |       |       | --- Marginal Cost of Losses |       |       |       |       |       |       |       |       |       | --- Marginal Cost of Congestion |       |       |            |  |  |  |  |  |  |  |  |  |
|------------|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|------------|--|--|--|--|--|--|--|--|--|
| Zonal Data |  |             |       |       |       |       |       |       |       |       |       |                             |       |       |       |       |       |       |       |       |       |                                 |       |       | 12/09/2009 |  |  |  |  |  |  |  |  |  |
| 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     |  | 38.48       | 37.73 | 36.65 | 36.43 | 36.40 | 36.65 | 47.39 | 48.88 | 49.83 | 48.25 | 48.32                       | 46.67 | 45.74 | 44.28 | 42.99 | 45.50 | 58.32 | 63.83 | 58.03 | 53.82 | 51.22                           | 49.67 | 40.73 | 35.96      |  |  |  |  |  |  |  |  |  |
| 61757      |  | 1.52        | 1.59  | 1.58  | 1.57  | 1.60  | 1.65  | 2.34  | 2.10  | 2.19  | 2.17  | 2.26                        | 1.79  | 1.80  | 1.74  | 1.49  | 1.79  | 2.56  | 3.04  | 2.87  | 2.85  | 2.35                            | 1.96  | 1.72  | 1.65       |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                        | 0.00  | 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     |  | 36.33       | 35.41 | 34.34 | 34.24 | 34.10 | 34.65 | 44.96 | 47.10 | 48.11 | 46.68 | 46.57                       | 45.05 | 43.94 | 42.41 | 41.28 | 43.80 | 56.26 | 61.58 | 56.37 | 51.78 | 50.04                           | 48.62 | 39.09 | 33.97      |  |  |  |  |  |  |  |  |  |
| 61754      |  | -0.63       | -0.72 | -0.74 | -0.63 | -0.70 | -0.35 | -0.09 | 0.33  | 0.48  | 0.60  | 0.51                        | 0.18  | 0.00  | -0.13 | -0.21 | 0.09  | 0.50  | 0.79  | 1.21  | 0.82  | 1.17                            | 0.91  | 0.08  | -0.34      |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                        | 0.00  | 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     |  | 39.18       | 38.27 | 37.04 | 36.71 | 36.67 | 37.20 | 48.56 | 50.94 | 52.26 | 50.78 | 50.85                       | 48.95 | 48.06 | 46.45 | 45.14 | 48.03 | 61.33 | 67.17 | 61.17 | 56.57 | 54.15                           | 51.96 | 41.98 | 36.65      |  |  |  |  |  |  |  |  |  |
| 61760      |  | 2.22        | 2.13  | 1.96  | 1.85  | 1.88  | 2.20  | 3.51  | 4.16  | 4.62  | 4.70  | 4.79                        | 4.08  | 4.13  | 3.91  | 3.65  | 4.33  | 5.58  | 6.38  | 6.01  | 5.61  | 5.28                            | 4.25  | 2.96  | 2.33       |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                            | 0.00  | 0.00  | 0.00       |  |  |  |  |  |  |  |  |  |
| GENESE     |  | 35.44       | 34.58 | 33.53 | 33.47 | 33.37 | 33.99 | 43.97 | 46.82 | 48.21 | 46.59 | 46.48                       | 45.14 | 43.80 | 42.28 | 41.16 | 43.53 | 56.03 | 60.42 | 55.60 | 51.02 | 49.51                           | 48.38 | 38.70 | 33.22      |  |  |  |  |  |  |  |  |  |
| 61753      |  | -1.52       | -1.55 | -1.54 | -1.39 | -1.43 | -1.01 | -1.08 | 0.05  | 0.57  | 0.51  | 0.41                        | 0.27  | -0.13 | -0.26 | -0.33 | -0.17 | 0.28  | -0.36 | 0.44  | 0.05  | 0.64                            | 0.67  | -0.31 | -1.10      |  |  |  |  |  |  |  |  |  |
|            |  | 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       |  |  |  |  |  |  |  |  |  |
| H Q        |  | 36.96       | 36.14 | 35.07 | 34.90 | 34.83 | 37.80 | 44.30 | 44.95 | 45.16 | 45.16 | 44.96                       | 44.11 | 43.23 | 41.90 | 41.04 | 42.96 | 54.64 | 59.51 | 53.72 | 49.69 | 47.65                           | 41.91 | 37.80 | 39.77      |  |  |  |  |  |  |  |  |  |
| 61844      |  | 0.00        | 0.00  | 0.00  | 0.03  | 0.03  | -0.11 | -0.50 | -0.75 | -0.91 | -0.92 | -1.11                       | -0.76 | -0.70 | -0.64 | -0.46 | -0.74 | -1.12 | -1.28 | -1.43 | -1.27 | -1.22                           | -0.95 | -0.43 | -0.17      |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -2.91 | 0.25  | 1.08  | 1.57  | 0.00  | 0.00                        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 4.85                            | 0.78  | -5.63 |            |  |  |  |  |  |  |  |  |  |
| HUD VL     |  | 38.92       | 38.02 | 36.83 | 36.54 | 36.50 | 36.96 | 48.11 | 50.71 | 51.97 | 50.60 | 50.62                       | 48.82 | 47.89 | 46.32 | 45.02 | 47.86 | 61.27 | 67.17 | 61.11 | 56.47 | 54.05                           | 51.96 | 41.94 | 36.37      |  |  |  |  |  |  |  |  |  |
| 61758      |  | 1.96        | 1.88  | 1.75  | 1.67  | 1.70  | 1.96  | 3.06  | 3.93  | 4.34  | 4.52  | 4.56                        | 3.95  | 3.95  | 3.79  | 3.53  | 4.15  | 5.52  | 6.38  | 5.96  | 5.50  | 5.18                            | 4.25  | 2.93  | 2.06       |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                            | 0.00  | 0.00  | 0.00       |  |  |  |  |  |  |  |  |  |
| LONGIL     |  | 40.40       | 39.57 | 38.58 | 37.90 | 38.07 | 39.10 | 60.93 | 62.88 | 61.22 | 59.90 | 59.13                       | 60.01 | 57.78 | 50.15 | 49.72 | 50.68 | 63.51 | 71.37 | 63.89 | 61.88 | 60.17                           | 55.42 | 46.01 | 38.53      |  |  |  |  |  |  |  |  |  |
| 61762      |  | 3.44        | 3.43  | 3.51  | 3.03  | 3.27  | 4.09  | 6.26  | 6.78  | 7.53  | 7.14  | 6.03                        | 5.29  | 5.14  | 4.85  | 4.52  | 5.38  | 7.75  | 8.75  | 8.71  | 7.44  | 6.84                            | 5.92  | 4.68  | 4.22       |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -9.62 | -9.32 | -6.06 | -6.67 | -7.04                       | -9.85 | -8.71 | -2.76 | -3.70 | -1.60 | -0.01 | -1.82 | -0.02 | -3.47 | -4.46                           | -1.79 | -2.32 | 0.00       |  |  |  |  |  |  |  |  |  |
| MHK VL     |  | 37.70       | 36.82 | 35.74 | 35.60 | 35.53 | 36.02 | 47.17 | 49.21 | 50.26 | 48.85 | 48.59                       | 46.98 | 46.00 | 44.41 | 43.24 | 45.76 | 58.49 | 64.13 | 58.30 | 53.92 | 51.56                           | 50.00 | 40.42 | 35.51      |  |  |  |  |  |  |  |  |  |
| 61756      |  | 0.74        | 0.69  | 0.67  | 0.73  | 0.73  | 1.02  | 2.12  | 2.43  | 2.62  | 2.76  | 2.53                        | 2.11  | 2.06  | 1.87  | 1.74  | 2.05  | 2.73  | 3.34  | 3.14  | 2.96  | 2.69                            | 2.29  | 1.40  | 1.20       |  |  |  |  |  |  |  |  |  |
|            |  | 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       |  |  |  |  |  |  |  |  |  |
| MILLWD     |  | 39.03       | 38.12 | 36.90 | 36.57 | 36.54 | 37.06 | 48.29 | 50.66 | 51.93 | 50.51 | 50.57                       | 48.69 | 47.85 | 46.24 | 44.89 | 47.73 | 61.05 | 66.87 | 60.95 | 56.42 | 53.90                           | 51.82 | 41.82 | 36.48      |  |  |  |  |  |  |  |  |  |
| 61759      |  | 2.07        | 1.99  | 1.82  | 1.71  | 1.74  | 2.07  | 3.24  | 3.88  | 4.29  | 4.42  | 4.51                        | 3.81  | 3.91  | 3.70  | 3.40  | 4.02  | 5.30  | 6.08  | 5.79  | 5.45  | 5.03                            | 4.10  | 2.81  | 2.16       |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                        | 0.00  | 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.Y.C.     |  | 50.00       | 38.60 | 37.32 | 36.96 | 36.92 | 37.48 | 48.97 | 51.17 | 52.64 | 51.15 | 51.26                       | 49.36 | 48.42 | 46.83 | 45.43 | 48.47 | 61.83 | 70.81 | 64.03 | 58.67 | 54.49                           | 52.29 | 42.21 | 43.18      |  |  |  |  |  |  |  |  |  |
| 61761      |  | 2.59        | 2.46  | 2.24  | 2.09  | 2.12  | 2.48  | 3.92  | 4.40  | 5.00  | 5.07  | 5.20                        | 4.49  | 4.48  | 4.30  | 3.94  | 4.76  | 6.08  | 6.93  | 6.51  | 6.01  | 5.62                            | 4.58  | 3.20  | 2.71       |  |  |  |  |  |  |  |  |  |
|            |  | -10.45      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -3.09 | -2.36 | -1.69 | 0.00                            | 0.00  | 0.00  | -6.16      |  |  |  |  |  |  |  |  |  |
| NORTH      |  | 36.81       | 36.06 | 35.04 | 34.86 | 34.86 | 34.93 | 44.83 | 46.54 | 47.11 | 45.48 | 45.23                       | 44.47 | 43.63 | 42.28 | 41.37 | 43.23 | 55.25 | 60.06 | 54.05 | 49.95 | 47.89                           | 46.95 | 38.66 | 34.18      |  |  |  |  |  |  |  |  |  |
| 61755      |  | -0.15       | -0.07 | -0.04 | 0.00  | 0.07  | -0.07 | -0.23 | -0.23 | -0.52 | -0.60 | -0.83                       | -0.40 | -0.31 | -0.26 | -0.12 | -0.48 | -0.50 | -0.73 | -1.10 | -1.02 | -0.98                           | -0.76 | -0.35 | -0.14      |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                        | 0.00  | 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        |  | 38.66       | 37.98 | 36.86 | 36.57 | 36.54 | 39.15 | 47.90 | 48.36 | 48.88 | 48.94 | 49.05                       | 47.29 | 46.35 | 44.92 | 43.65 | 46.20 | 59.04 | 64.56 | 58.74 | 54.48 | 51.90                           | 45.84 | 39.64 | 41.66      |  |  |  |  |  |  |  |  |  |
| 61845      |  | 1.70        | 1.84  | 1.79  | 1.71  | 1.74  | 1.82  | 2.52  | 2.67  | 2.81  | 2.86  | 2.99                        | 2.42  | 2.42  | 2.38  | 2.16  | 2.49  | 3.29  | 3.77  | 3.59  | 3.52  | 3.03                            | 2.43  | 1.95  | 1.72       |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -2.33 | -0.33 | 1.08  | 1.57  | 0.00  | 0.00                        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 4.31                            | 1.32  | -5.63 |            |  |  |  |  |  |  |  |  |  |

|               |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|---------------|--|--|--|--|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| O H<br>61846  | 33.45<br><span>-3.51</span><br><span>0.00</span> | 32.60<br><span>-3.54</span><br><span>0.00</span> | 31.60<br><span>-3.47</span><br><span>0.00</span> | 31.66<br><span>-3.21</span><br><span>0.00</span> | 30.97<br><span>-3.83</span><br><span>0.00</span> | 34.63<br><span>-2.69</span><br><span>-2.33</span> | 40.02<br><span>-5.36</span><br><span>-0.33</span> | 41.49<br><span>-4.21</span><br><span>1.08</span> | 42.97<br><span>-3.10</span><br><span>1.57</span> | 42.67<br><span>-3.41</span><br><span>0.00</span> | 42.28<br><span>-3.78</span><br><span>0.00</span> | 40.83<br><span>-4.04</span><br><span>0.00</span> | 39.45<br><span>-4.48</span><br><span>0.00</span> | 38.07<br><span>-4.47</span><br><span>0.00</span> | 37.05<br><span>-4.44</span><br><span>0.00</span> | 39.51<br><span>-4.20</span><br><span>0.00</span> | 50.07<br><span>-5.69</span><br><span>0.00</span> | 55.38<br><span>-5.41</span><br><span>0.00</span> | 51.57<br><span>-3.59</span><br><span>0.00</span> | 47.20<br><span>-3.77</span><br><span>0.00</span> | 46.38<br><span>-2.49</span><br><span>0.00</span> | 41.26<br><span>-2.15</span><br><span>4.31</span> | 35.43<br><span>-2.26</span><br><span>1.32</span> | 37.06<br><span>-2.88</span><br><span>-5.63</span> |
| PJM<br>61847  | 34.71<br><span>-2.25</span><br><span>0.00</span> | 33.68<br><span>-2.46</span><br><span>0.00</span> | 35.32<br><span>0.25</span><br><span>0.00</span>  | 35.11<br><span>0.24</span><br><span>0.00</span>  | 34.97<br><span>0.17</span><br><span>0.00</span>  | 37.85<br><span>0.53</span><br><span>-2.33</span>  | 40.47<br><span>-4.91</span><br><span>-0.33</span> | 44.25<br><span>-1.45</span><br><span>1.08</span> | 48.30<br><span>2.24</span><br><span>1.57</span>  | 48.39<br><span>2.30</span><br><span>0.00</span>  | 48.41<br><span>2.35</span><br><span>0.00</span>  | 46.35<br><span>1.48</span><br><span>0.00</span>  | 45.34<br><span>1.41</span><br><span>0.00</span>  | 43.81<br><span>1.28</span><br><span>0.00</span>  | 42.57<br><span>1.08</span><br><span>0.00</span>  | 41.65<br><span>-2.05</span><br><span>0.00</span> | 51.35<br><span>-4.40</span><br><span>0.00</span> | 63.89<br><span>3.10</span><br><span>0.00</span>  | 58.41<br><span>3.25</span><br><span>0.00</span>  | 53.72<br><span>2.75</span><br><span>0.00</span>  | 47.55<br><span>-1.32</span><br><span>0.00</span> | 45.65<br><span>2.24</span><br><span>4.31</span>  | 38.86<br><span>1.17</span><br><span>1.32</span>  | 36.89<br><span>-3.05</span><br><span>-5.63</span> |
| WEST<br>61752 | 33.86<br><span>-3.10</span><br><span>0.00</span> | 32.96<br><span>-3.18</span><br><span>0.00</span> | 31.92<br><span>-3.16</span><br><span>0.00</span> | 32.00<br><span>-2.86</span><br><span>0.00</span> | 31.42<br><span>-3.38</span><br><span>0.00</span> | 32.73<br><span>-2.28</span><br><span>0.00</span>  | 40.95<br><span>-4.10</span><br><span>0.00</span>  | 44.02<br><span>-2.76</span><br><span>0.00</span> | 45.92<br><span>-1.71</span><br><span>0.00</span> | 44.15<br><span>-1.94</span><br><span>0.00</span> | 43.76<br><span>-2.30</span><br><span>0.00</span> | 42.00<br><span>-2.87</span><br><span>0.00</span> | 40.55<br><span>-3.38</span><br><span>0.00</span> | 39.09<br><span>-3.45</span><br><span>0.00</span> | 38.01<br><span>-3.49</span><br><span>0.00</span> | 40.74<br><span>-2.97</span><br><span>0.00</span> | 51.74<br><span>-4.01</span><br><span>0.00</span> | 57.51<br><span>-3.28</span><br><span>0.00</span> | 53.61<br><span>-1.54</span><br><span>0.00</span> | 48.88<br><span>-2.09</span><br><span>0.00</span> | 48.14<br><span>-0.73</span><br><span>0.00</span> | 47.24<br><span>-0.48</span><br><span>0.00</span> | 37.72<br><span>-1.29</span><br><span>0.00</span> | 31.91<br><span>-2.40</span><br><span>0.00</span>  |