

# Day Ahead Market Zonal LBMP

|            |  | --- LBMP \$ |        |        |        |        |        |       |       |       |        |        | --- Marginal Cost of Losses |        |        |        |        |        |        |        |        |        |        | --- Marginal Cost of Congestion |            |  |  |  |  |  |  |  |  |  |  |  |
|------------|--|-------------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------------------|------------|--|--|--|--|--|--|--|--|--|--|--|
| Zonal Data |  |             |        |        |        |        |        |       |       |       |        |        |                             |        |        |        |        |        |        |        |        |        |        |                                 | 01/06/2006 |  |  |  |  |  |  |  |  |  |  |  |
| 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     |  | 60.37       | 59.44  | 59.37  | 59.10  | 62.60  | 62.87  | 86.34 | 89.77 | 87.86 | 88.43  | 88.00  | 84.21                       | 83.34  | 81.71  | 79.85  | 80.03  | 106.81 | 131.14 | 110.67 | 94.98  | 91.55  | 84.23  | 76.29                           | 71.76      |  |  |  |  |  |  |  |  |  |  |  |
| 61757      |  | 2.54        | 2.18   | 2.12   | 2.22   | 2.00   | 2.01   | 3.80  | 4.84  | 4.62  | 4.45   | 4.51   | 4.47                        | 4.42   | 4.33   | 4.09   | 3.96   | 6.24   | 6.72   | 5.87   | 5.04   | 4.69   | 4.08   | 2.93                            | 2.29       |  |  |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | -0.73 | 0.00   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.01   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -1.73  | 0.00                            | 0.00       |  |  |  |  |  |  |  |  |  |  |  |
| CENTRL     |  | 55.92       | 55.67  | 55.42  | 55.06  | 59.14  | 59.76  | 81.55 | 82.64 | 80.36 | 81.79  | 81.15  | 76.96                       | 75.84  | 74.59  | 72.88  | 73.18  | 97.46  | 122.06 | 102.39 | 87.87  | 83.74  | 75.40  | 70.35                           | 66.83      |  |  |  |  |  |  |  |  |  |  |  |
| 61754      |  | -1.91       | -1.60  | -1.83  | -1.82  | -1.45  | -1.10  | -0.99 | -2.29 | -2.23 | -2.18  | -2.34  | -2.79                       | -3.08  | -2.79  | -2.88  | -2.89  | -3.12  | -2.36  | -2.41  | -2.07  | -3.13  | -3.22  | -3.01                           | -2.64      |  |  |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | -0.08 | 0.00   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.01   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -0.19  | 0.00                            | 0.00       |  |  |  |  |  |  |  |  |  |  |  |
| DUNWOD     |  | 61.94       | 60.65  | 60.80  | 60.35  | 64.05  | 64.76  | 89.81 | 93.42 | 91.28 | 91.73  | 91.46  | 87.13                       | 86.31  | 84.58  | 82.63  | 82.56  | 111.84 | 137.36 | 116.06 | 99.56  | 96.46  | 88.11  | 79.87                           | 74.36      |  |  |  |  |  |  |  |  |  |  |  |
| 61760      |  | 4.11        | 3.38   | 3.55   | 3.47   | 3.45   | 3.90   | 7.26  | 8.49  | 8.58  | 8.40   | 8.68   | 8.13                        | 8.21   | 8.05   | 7.73   | 7.46   | 11.26  | 12.94  | 11.32  | 9.80   | 9.73   | 8.39   | 6.97                            | 5.84       |  |  |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | -0.19 | 0.64   | 0.72   | 0.76                        | 0.81   | 0.84   | 0.87   | 0.97   | 0.00   | 0.00   | 0.05   | 0.18   | 0.13   | -1.30  | 0.45                            | 0.95       |  |  |  |  |  |  |  |  |  |  |  |
| GENESE     |  | 54.59       | 54.18  | 53.76  | 53.41  | 57.69  | 58.06  | 78.83 | 77.63 | 76.89 | 78.52  | 76.64  | 72.49                       | 71.57  | 71.34  | 69.92  | 70.14  | 93.34  | 118.58 | 97.36  | 83.56  | 78.87  | 71.30  | 68.07                           | 64.54      |  |  |  |  |  |  |  |  |  |  |  |
| 61753      |  | -3.24       | -3.09  | -3.49  | -3.47  | -2.91  | -2.80  | -3.71 | -7.30 | -5.69 | -5.46  | -6.85  | -7.26                       | -7.34  | -6.04  | -5.91  | -5.93  | -7.24  | -5.85  | -7.44  | -6.39  | -7.99  | -7.29  | -5.28                           | -4.93      |  |  |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | -0.07 | 0.00   | 0.00   | 0.00                        | 0.00   | 0.00   | -0.06  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -0.17  | 0.00                            | 0.00       |  |  |  |  |  |  |  |  |  |  |  |
| H Q        |  | 57.60       | 57.04  | 57.02  | 56.65  | 59.97  | 67.84  | 74.47 | 83.91 | 81.35 | 82.89  | 82.40  | 78.87                       | 78.13  | 76.37  | 74.94  | 75.39  | 98.87  | 122.46 | 103.43 | 88.59  | 85.73  | 77.48  | 72.84                           | 69.19      |  |  |  |  |  |  |  |  |  |  |  |
| 61844      |  | -0.23       | -0.23  | -0.23  | -0.23  | -0.24  | -0.24  | -1.24 | -1.02 | -1.16 | -1.09  | -1.09  | -0.88                       | -0.79  | -1.01  | -0.83  | -0.68  | -1.71  | -1.87  | -1.47  | -1.35  | -1.13  | -0.94  | -0.51                           | -0.28      |  |  |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.38   | -7.22  | 6.84  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.10   | -0.10  | 0.00   | 0.00   | 0.00   | 0.00                            |            |  |  |  |  |  |  |  |  |  |  |  |
| HUD VL     |  | 61.59       | 60.36  | 60.52  | 60.12  | 63.87  | 64.45  | 89.23 | 93.00 | 90.74 | 91.00  | 90.78  | 86.46                       | 85.58  | 83.82  | 81.87  | 81.96  | 111.14 | 136.62 | 115.30 | 98.92  | 95.78  | 87.63  | 79.19                           | 73.36      |  |  |  |  |  |  |  |  |  |  |  |
| 61758      |  | 3.76        | 3.09   | 3.26   | 3.24   | 3.27   | 3.59   | 6.69  | 8.07  | 8.17  | 7.89   | 8.27   | 7.74                        | 7.65   | 7.58   | 7.27   | 7.07   | 10.56  | 12.19  | 10.58  | 9.26   | 9.12   | 7.92   | 6.53                            | 5.35       |  |  |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | -0.06 | 0.87   | 0.97   | 1.02                        | 0.99   | 1.14   | 1.17   | 1.19   | 0.00   | 0.00   | 0.08   | 0.28   | 0.21   | -1.29  | 0.69                            | 1.45       |  |  |  |  |  |  |  |  |  |  |  |
| LONGIL     |  | 87.71       | 84.11  | 80.00  | 82.00  | 82.36  | 85.08  | 92.00 | 93.85 | 96.05 | 100.29 | 101.26 | 96.72                       | 95.06  | 95.01  | 93.23  | 93.49  | 112.05 | 138.36 | 118.32 | 110.24 | 100.53 | 99.63  | 91.39                           | 89.71      |  |  |  |  |  |  |  |  |  |  |  |
| 61762      |  | 5.61        | 4.98   | 5.15   | 5.06   | 5.15   | 5.72   | 9.41  | 8.92  | 8.66  | 8.40   | 8.93   | 7.66                        | 7.50   | 7.27   | 6.90   | 7.07   | 11.16  | 13.94  | 12.79  | 11.24  | 10.68  | 9.49   | 8.07                            | 6.74       |  |  |  |  |  |  |  |  |  |  |  |
|            |  | -24.27      | -21.86 | -17.60 | -20.06 | -16.61 | -18.50 | -0.04 | 0.00  | -4.88 | -7.92  | -8.84  | -9.32                       | -8.65  | -10.36 | -10.56 | -10.34 | -0.31  | 0.00   | -0.74  | -9.06  | -2.98  | -11.72 | -9.97                           | -13.50     |  |  |  |  |  |  |  |  |  |  |  |
| MHK VL     |  | 57.77       | 57.56  | 57.48  | 57.11  | 60.90  | 61.41  | 83.62 | 86.12 | 83.31 | 85.15  | 84.66  | 80.70                       | 79.71  | 78.15  | 76.45  | 76.76  | 101.58 | 126.17 | 106.05 | 91.11  | 87.73  | 78.96  | 73.43                           | 69.75      |  |  |  |  |  |  |  |  |  |  |  |
| 61756      |  | -0.06       | 0.29   | 0.23   | 0.23   | 0.30   | 0.55   | 1.07  | 1.19  | 0.74  | 1.18   | 1.17   | 0.96                        | 0.79   | 0.77   | 0.68   | 0.68   | 1.01   | 1.74   | 1.26   | 1.17   | 0.87   | 0.39   | 0.07                            | 0.28       |  |  |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | -0.06 | 0.00   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -0.14  | 0.00                            | 0.00       |  |  |  |  |  |  |  |  |  |  |  |
| MILLWD     |  | 61.82       | 60.59  | 60.74  | 60.29  | 63.99  | 64.69  | 89.72 | 93.59 | 91.10 | 91.26  | 90.91  | 86.53                       | 85.62  | 83.82  | 81.85  | 81.79  | 112.04 | 137.74 | 116.31 | 99.50  | 96.44  | 88.28  | 79.30                           | 72.86      |  |  |  |  |  |  |  |  |  |  |  |
| 61759      |  | 3.99        | 3.32   | 3.49   | 3.41   | 3.39   | 3.83   | 7.18  | 8.66  | 8.75  | 8.57   | 8.85   | 8.29                        | 8.21   | 8.12   | 7.80   | 7.53   | 11.47  | 13.31  | 11.63  | 9.98   | 9.90   | 8.55   | 7.04                            | 5.70       |  |  |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.01  | 0.00  | 0.15  | 1.29   | 1.43   | 1.51                        | 1.51   | 1.68   | 1.73   | 1.81   | 0.00   | 0.00   | 0.12   | 0.42   | 0.32   | -1.31  | 1.09                            | 2.30       |  |  |  |  |  |  |  |  |  |  |  |
| N.Y.C.     |  | 62.63       | 61.22  | 61.37  | 60.92  | 64.54  | 65.36  | 90.69 | 94.36 | 98.38 | 104.05 | 105.00 | 101.31                      | 100.27 | 100.31 | 98.57  | 98.32  | 116.63 | 138.61 | 118.06 | 104.03 | 100.00 | 88.98  | 89.40                           | 93.53      |  |  |  |  |  |  |  |  |  |  |  |
| 61761      |  | 4.80        | 3.95   | 4.12   | 4.04   | 3.94   | 4.50   | 8.09  | 9.43  | 9.49  | 9.41   | 9.60   | 9.01                        | 9.00   | 8.98   | 8.56   | 8.29   | 12.17  | 14.18  | 12.26  | 10.70  | 10.68  | 9.25   | 7.78                            | 6.67       |  |  |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -0.06 | -0.01 | -6.38 | -10.67 | -11.91 | -12.55                      | -12.35 | -13.96 | -14.24 | -13.96 | -3.88  | -0.01  | -1.00  | -3.38  | -2.45  | -1.31  | -8.27                           | -17.40     |  |  |  |  |  |  |  |  |  |  |  |
| NORTH      |  | 57.48       | 56.98  | 56.97  | 56.54  | 60.30  | 60.62  | 80.98 | 84.25 | 81.44 | 82.97  | 82.49  | 79.03                       | 78.21  | 76.37  | 74.86  | 75.54  | 98.26  | 122.06 | 102.91 | 88.23  | 85.73  | 77.48  | 72.84                           | 69.19      |  |  |  |  |  |  |  |  |  |  |  |
| 61755      |  | -0.35       | -0.29  | -0.29  | -0.34  | -0.30  | -0.24  | -1.57 | -0.68 | -1.07 | -1.01  | -1.00  | -0.72                       | -0.71  | -1.01  | -0.91  | -0.53  | -2.31  | -2.36  | -1.89  | -1.71  | -1.13  | -0.94  | -0.51                           | -0.28      |  |  |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00                        | 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        |  | 60.90       | 59.90  | 60.00  | 59.61  | 62.76  | 63.80  | 87.25 | 90.62 | 88.77 | 89.35  | 89.00  | 85.17                       | 84.36  | 82.71  | 80.91  | 81.02  | 108.22 | 132.29 | 112.23 | 96.33  | 93.03  | 85.38  | 77.61                           | 73.01      |  |  |  |  |  |  |  |  |  |  |  |
| 61845      |  | 3.06        | 2.63   | 2.75   | 2.73   | 2.55   | 2.56   | 4.71  | 5.69  | 5.61  | 5.37   | 5.51   | 5.42                        | 5.45   | 5.34   | 5.15   | 4.94   | 7.64   | 7.96   | 7.34   | 6.39   | 6.17   | 5.41   | 4.25                            | 3.54       |  |  |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.38   | -0.38  | 0.00  | 0.00  | -0.65 | 0.00   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.01   | 0.00   | 0.00   | 0.10   | -0.10  | 0.00   | 0.00   | -1.55  | 0.00                            | 0.00       |  |  |  |  |  |  |  |  |  |  |  |

|               |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| OH<br>61846   | 51.47 | 52.00 | 51.35 | 50.96 | 54.09 | 55.04 | 72.89 | 70.83  | 69.30  | 71.13  | 70.05  | 65.87  | 65.10  | 64.45  | 62.55  | 63.45  | 83.88  | 108.03 | 89.28  | 76.81  | 71.74  | 65.00  | 63.01  | 61.13 |
|               | -6.36 | -5.27 | -5.90 | -5.92 | -6.12 | -6.21 | -9.66 | -14.10 | -13.20 | -12.85 | -13.44 | -13.88 | -13.81 | -12.92 | -12.58 | -12.63 | -16.70 | -16.30 | -15.61 | -13.13 | -15.11 | -13.41 | -10.34 | -8.34 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.38  | -0.38 | 0.00  | 0.00   | 0.01   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.64   | 0.00   | 0.00   | 0.10   | -0.10  | 0.00   | 0.00   | 0.01   | 0.00   | 0.00  |
| PJM<br>61847  | 52.86 | 53.09 | 52.39 | 51.93 | 53.89 | 61.85 | 82.38 | 81.53  | 78.96  | 80.03  | 79.32  | 73.85  | 71.97  | 70.72  | 68.34  | 69.00  | 93.84  | 119.35 | 100.91 | 86.43  | 80.00  | 70.24  | 65.36  | 58.18 |
|               | -4.97 | -4.18 | -4.87 | -4.95 | -3.27 | -1.46 | -1.16 | -3.40  | -3.63  | -3.95  | -4.17  | -5.90  | -6.94  | -6.65  | -7.12  | -7.07  | -6.74  | -4.98  | -3.98  | -3.51  | -6.86  | -8.39  | -8.00  | -7.36 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 3.44  | -2.45 | -0.99 | 0.00   | -0.08  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.31   | 0.00   | 0.00   | 0.10   | -0.10  | 0.00   | 0.00   | -0.21  | 0.00   | 3.92  |
| WEST<br>61752 | 51.99 | 52.46 | 51.81 | 51.42 | 55.39 | 55.93 | 74.87 | 73.38  | 71.87  | 73.40  | 72.30  | 67.79  | 66.76  | 65.92  | 63.96  | 65.12  | 86.39  | 111.73 | 92.22  | 79.24  | 73.66  | 66.29  | 63.67  | 61.62 |
|               | -5.84 | -4.81 | -5.44 | -5.46 | -5.21 | -4.93 | -7.68 | -11.55 | -10.64 | -10.58 | -11.19 | -11.96 | -12.15 | -11.45 | -11.21 | -10.95 | -14.18 | -12.69 | -12.58 | -10.70 | -13.20 | -12.16 | -9.68  | -7.85 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.60   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -0.02  | 0.00   | 0.00  |