

# Day Ahead Market Zonal LBMP

|            |        | --- LBMP \$ |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | --- Marginal Cost of Losses |        |        |        |        |        |        |       |     |  |  |  |  |  |  |  | --- Marginal Cost of Congestion |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------|--------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------------------|--------|--------|--------|--------|--------|--------|-------|-----|--|--|--|--|--|--|--|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Zonal Data |        |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                             |        |        |        |        |        |        |       |     |  |  |  |  |  |  |  | 12/09/2006                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Name       | PTID   | 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 |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CAPITL     | EST    | EST         | EST    | EST    | EST    | EST    | EST    | EST    | EST    | EST    | EST    | EST    | EST    | EST    | EST    | EST    | EST    | EST                         | EST    | EST    | EST    | EST    | EST    | EST    | EST   | EST |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61757      | 61.66  | 60.29       | 56.44  | 45.15  | 42.38  | 48.69  | 50.59  | 55.34  | 61.33  | 69.00  | 67.30  | 63.10  | 59.87  | 54.27  | 53.57  | 55.97  | 77.67  | 100.89                      | 99.56  | 92.19  | 81.10  | 67.00  | 53.84  | 56.21  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 2.10   | 1.83        | 1.75   | 1.79   | 1.82   | 1.81   | 2.33   | 2.48   | 2.92   | 2.98   | 2.98   | 2.67   | 2.39   | 2.44   | 2.33   | 2.27   | 3.12   | 4.76                        | 4.40   | 3.80   | 3.25   | 2.92   | 2.31   | 2.18   |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | -16.60 | -23.27      | -20.98 | -9.55  | -6.80  | -13.45 | -5.85  | 0.00   | 0.00   | -7.55  | -5.91  | -9.06  | -11.46 | -5.80  | -5.52  | -8.25  | -12.05 | -6.27                       | -12.10 | -15.37 | -14.15 | -5.61  | -7.99  | -14.32 |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CENTRL     | 43.01  | 36.63       | 34.93  | 33.72  | 33.35  | 33.77  | 41.21  | 50.48  | 55.96  | 57.00  | 56.75  | 50.56  | 45.55  | 44.90  | 44.53  | 44.49  | 61.37  | 87.80                       | 81.96  | 72.45  | 62.97  | 56.71  | 42.90  | 39.96  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61754      | -1.85  | -1.23       | -1.18  | -1.18  | -1.18  | -1.20  | -1.87  | -2.38  | -2.45  | -2.34  | -2.34  | -1.85  | -1.79  | -1.80  | -1.83  | -1.91  | -2.50  | -2.79                       | -2.49  | -2.34  | -2.36  | -2.40  | -1.57  | -1.39  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | -1.91  | -2.67       | -2.41  | -1.10  | -0.78  | -1.54  | -0.67  | 0.00   | 0.00   | -0.87  | -0.68  | -1.04  | -1.32  | -0.67  | -0.63  | -0.95  | -1.38  | -0.72                       | -1.39  | -1.76  | -1.62  | -0.64  | -0.92  | -1.64  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DUNWOD     | 59.46  | 55.90       | 52.53  | 44.09  | 41.94  | 46.58  | 50.86  | 57.98  | 64.31  | 70.21  | 68.80  | 63.36  | 59.18  | 54.90  | 54.44  | 56.24  | 78.03  | 104.19                      | 101.20 | 92.52  | 81.14  | 68.75  | 53.99  | 54.43  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61760      | 4.04   | 3.24        | 3.07   | 3.11   | 3.07   | 3.04   | 4.07   | 5.13   | 5.90   | 6.08   | 5.96   | 5.19   | 4.56   | 4.51   | 4.57   | 4.59   | 6.50   | 9.62                        | 9.05   | 7.96   | 6.82   | 6.08   | 4.44   | 3.97   |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | -12.47 | -17.48      | -15.76 | -7.18  | -5.11  | -10.10 | -4.38  | 0.00   | 0.00   | -5.66  | -4.43  | -6.81  | -8.60  | -4.35  | -4.15  | -6.20  | -9.04  | -4.71                       | -9.09  | -11.54 | -10.63 | -4.20  | -6.00  | -10.75 |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GENESE     | 40.24  | 34.67       | 33.19  | 32.22  | 31.92  | 32.17  | 38.41  | 47.88  | 53.03  | 53.02  | 53.06  | 47.89  | 43.04  | 42.66  | 42.26  | 42.17  | 56.62  | 83.26                       | 77.70  | 68.53  | 59.53  | 52.95  | 40.41  | 37.98  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61753      | -4.25  | -2.67       | -2.46  | -2.47  | -2.46  | -2.51  | -3.86  | -4.97  | -5.37  | -5.26  | -5.20  | -4.31  | -4.05  | -3.91  | -3.98  | -4.05  | -5.56  | -7.19                       | -6.48  | -5.91  | -5.48  | -5.38  | -3.88  | -3.06  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | -1.54  | -2.16       | -1.94  | -0.89  | -0.63  | -1.25  | 0.14   | 0.01   | 0.01   | 0.19   | 0.15   | -0.84  | -1.06  | -0.54  | -0.51  | -0.76  | 0.30   | -0.58                       | -1.12  | -1.42  | -1.31  | 0.14   | -0.74  | -1.33  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H Q        | 41.85  | 34.76       | 33.30  | 33.40  | 33.35  | 33.06  | 42.15  | 52.70  | 58.00  | 58.00  | 58.00  | 50.75  | 45.56  | 45.57  | 45.26  | 48.47  | 58.50  | 88.70                       | 81.81  | 72.00  | 63.00  | 58.00  | 43.03  | 39.27  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61844      | -0.30  | -0.42       | -0.40  | -0.41  | -0.41  | -0.37  | -0.25  | -0.16  | -0.41  | -0.47  | -0.41  | -0.62  | -0.46  | -0.46  | -0.46  | -0.41  | -0.56  | -1.17                       | -1.25  | -1.02  | -0.70  | -0.47  | -0.52  | -0.44  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 0.80   | 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   | -3.43  | 3.43                        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HUD VL     | 59.07  | 55.56       | 52.21  | 43.83  | 41.73  | 46.33  | 50.49  | 57.56  | 63.90  | 69.76  | 68.36  | 63.00  | 58.80  | 54.55  | 54.09  | 55.83  | 77.46  | 103.52                      | 100.55 | 92.00  | 80.62  | 68.31  | 53.64  | 54.00  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61758      | 3.74   | 3.03        | 2.86   | 2.91   | 2.90   | 2.88   | 3.73   | 4.70   | 5.49   | 5.67   | 5.55   | 4.88   | 4.23   | 4.19   | 4.25   | 4.23   | 6.00   | 8.99                        | 8.47   | 7.52   | 6.37   | 5.67   | 4.14   | 3.61   |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | -12.38 | -17.35      | -15.64 | -7.12  | -5.07  | -10.03 | -4.35  | 0.00   | 0.00   | -5.62  | -4.40  | -6.76  | -8.54  | -4.32  | -4.12  | -6.15  | -8.97  | -4.67                       | -9.02  | -11.46 | -10.55 | -4.17  | -5.96  | -10.67 |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LONGIL     | 74.43  | 68.89       | 61.00  | 54.00  | 54.00  | 55.00  | 71.34  | 75.10  | 76.66  | 80.00  | 78.19  | 77.90  | 76.73  | 76.71  | 76.68  | 76.67  | 93.05  | 114.82                      | 123.00 | 101.82 | 98.29  | 100.09 | 75.15  | 73.05  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61762      | 5.11   | 4.26        | 4.04   | 4.09   | 4.08   | 3.94   | 5.13   | 6.29   | 7.13   | 7.13   | 6.95   | 6.06   | 5.29   | 5.25   | 5.30   | 5.27   | 7.50   | 11.14                       | 10.38  | 9.27   | 7.71   | 6.90   | 5.18   | 4.80   |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | -26.37 | -29.45      | -23.25 | -16.11 | -16.16 | -17.62 | -23.80 | -15.95 | -11.12 | -14.40 | -12.83 | -20.48 | -25.41 | -25.43 | -25.65 | -25.95 | -23.06 | -13.81                      | -29.56 | -19.52 | -26.88 | -34.72 | -26.42 | -28.53 |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MHK VL     | 44.11  | 36.78       | 35.10  | 34.31  | 34.06  | 34.44  | 42.55  | 52.80  | 58.47  | 59.27  | 59.14  | 52.19  | 47.20  | 46.56  | 46.36  | 46.34  | 63.89  | 91.50                       | 85.04  | 75.12  | 65.65  | 59.12  | 44.32  | 40.70  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61756      | -0.09  | -0.14       | -0.17  | -0.20  | -0.20  | 0.00   | -0.30  | -0.05  | 0.06   | 0.23   | 0.29   | 0.15   | 0.32   | 0.09   | 0.23   | 0.27   | 0.50   | 1.17                        | 1.08   | 0.95   | 0.89   | 0.23   | 0.17   | -0.08  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | -1.24  | -1.74       | -1.57  | -0.71  | -0.51  | -1.00  | -0.44  | 0.00   | 0.00   | -0.56  | -0.44  | -0.68  | -0.86  | -0.43  | -0.41  | -0.62  | -0.90  | -0.47                       | -0.90  | -1.15  | -1.06  | -0.42  | -0.60  | -1.07  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MILLWD     | 59.49  | 55.99       | 52.61  | 44.09  | 41.95  | 46.60  | 50.78  | 57.93  | 64.31  | 70.26  | 68.72  | 63.32  | 59.13  | 54.80  | 54.48  | 56.29  | 78.05  | 104.23                      | 101.20 | 92.63  | 81.18  | 68.79  | 53.96  | 54.41  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61759      | 3.95   | 3.17        | 3.00   | 3.04   | 3.04   | 2.98   | 3.94   | 5.07   | 5.90   | 6.08   | 5.84   | 5.08   | 4.42   | 4.37   | 4.57   | 4.59   | 6.44   | 9.62                        | 8.97   | 7.96   | 6.75   | 6.08   | 4.35   | 3.85   |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | -12.58 | -17.64      | -15.90 | -7.24  | -5.16  | -10.20 | -4.42  | 0.00   | 0.00   | -5.71  | -4.47  | -6.87  | -8.68  | -4.39  | -4.18  | -6.25  | -9.12  | -4.75                       | -9.17  | -11.65 | -10.72 | -4.24  | -6.05  | -10.85 |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| N.Y.C.     | 60.00  | 56.36       | 53.00  | 44.51  | 42.35  | 47.00  | 51.38  | 63.96  | 76.81  | 82.29  | 83.00  | 84.73  | 83.48  | 78.00  | 79.00  | 76.80  | 85.28  | 105.28                      | 103.49 | 98.00  | 92.51  | 91.57  | 85.00  | 67.73  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61761      | 4.55   | 3.66        | 3.51   | 3.52   | 3.48   | 3.44   | 4.58   | 5.66   | 6.54   | 6.72   | 6.60   | 5.80   | 5.06   | 5.02   | 5.08   | 5.05   | 7.25   | 10.69                       | 10.05  | 8.91   | 7.58   | 6.72   | 4.92   | 4.37   |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | -12.50 | -17.51      | -15.79 | -7.19  | -5.12  | -10.13 | -4.39  | -5.45  | -11.86 | -17.10 | -17.99 | -27.56 | -32.39 | -26.95 | -28.20 | -26.31 | -15.54 | -4.72                       | -10.38 | -16.07 | -21.23 | -26.37 | -36.53 | -23.65 |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NORTH      | 42.61  | 34.24       | 32.79  | 32.89  | 32.84  | 32.70  | 42.41  | 53.17  | 58.29  | 58.53  | 58.58  | 49.82  | 44.97  | 44.98  | 44.62  | 44.54  | 62.80  | 89.95                       | 82.73  | 72.80  | 63.83  | 58.58  | 42.59  | 38.76  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61755      | -0.34  | -0.95       | -0.91  | -0.91  | -0.91  | -0.74  | 0.00   | 0.32   | -0.12  | 0.06   | 0.18   | -1.54  | -1.06  | -1.06  | -1.10  | -0.91  | 0.31   | 0.09                        | -0.33  | -0.22  | 0.13   | 0.12   | -0.96  | -0.95  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 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   |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NPX        | 59.52  | 58.09       | 54.47  | 44.47  | 41.96  | 47.59  | 50.43  | 56.08  | 62.09  | 68.96  | 67.37  | 62.70  | 59.16  | 54.16  | 53.58  | 55.73  | 77.26  | 101.40                      | 99.27  | 91.43  | 80.42  | 67.16  | 53.56  | 55.08  |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61845      | 2.53   | 2.11        | 2.02   | 2.13   | 2.13   | 2.14   | 2.80   | 3.22   | 3.68   | 3.74   | 3.68   | 3.24   | 2.90   | 2.95   | 2.93   | 2.91   | 4.00   | 5.93                        | 5.40   | 4.67   | 4.08   | 3.68   | 2.87   | 2.58   |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | -14.03 | -20.79      | -18.75 | -8.54  | -6.08  | -12.02 | -5.22  | 0.00   | 0.00   | -6.75  | -5.28  | -8.10  | -10.24 | -5.18  | -4.93  | -7.37  | -10.77 | -5.60                       | -10.81 | -13.73 | -12.64 | -5.01  | -7.14  | -12.79 |       |     |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|
| OH<br>61846   | 37.63 | 33.27 | 32.00 | 30.89 | 30.59 | 30.70 | 36.21 | 44.97 | 49.58 | 49.57 | 49.66 | 45.13 | 40.60 | 40.34 | 40.04 | 40.00 | 53.01 | 77.58  | 72.62  | 64.27  | 55.76 | 49.65 | 38.29 | 36.33 |
|               | -6.27 | -4.36 | -3.91 | -3.92 | -3.88 | -4.15 | -6.15 | -7.88 | -8.82 | -8.83 | -8.70 | -7.19 | -6.63 | -6.31 | -6.26 | -6.32 | -9.37 | -12.94 | -11.71 | -10.37 | -9.43 | -8.77 | -6.10 | -4.88 |
|               | -0.95 | -2.45 | -2.21 | -1.00 | -0.72 | -1.41 | 0.05  | 0.01  | 0.01  | 0.07  | 0.05  | -0.95 | -1.20 | -0.61 | -0.58 | -0.87 | 0.11  | -0.66  | -1.27  | -1.62  | -1.49 | 0.05  | -0.84 | -1.50 |
| PJM<br>61847  | 41.00 | 36.51 | 34.62 | 32.65 | 32.09 | 32.83 | 38.51 | 47.04 | 52.27 | 53.54 | 53.25 | 47.97 | 43.06 | 42.01 | 41.68 | 41.95 | 57.55 | 83.94  | 78.59  | 69.83  | 60.29 | 53.44 | 41.29 | 38.77 |
|               | -4.25 | -3.03 | -3.00 | -2.94 | -2.94 | -3.11 | -4.75 | -5.81 | -6.13 | -6.02 | -6.02 | -5.09 | -5.11 | -5.11 | -5.08 | -5.05 | -6.69 | -7.10  | -6.73  | -6.06  | -6.05 | -5.85 | -3.75 | -3.61 |
|               | -2.30 | -4.35 | -3.92 | -1.78 | -1.27 | -2.51 | -0.85 | 0.00  | 0.00  | -1.10 | -0.86 | -1.69 | -2.14 | -1.08 | -1.03 | -1.54 | -1.75 | -1.17  | -2.26  | -2.87  | -2.64 | -0.81 | -1.49 | -2.67 |
| WEST<br>61752 | 39.13 | 33.91 | 32.54 | 31.30 | 31.00 | 31.22 | 36.74 | 45.45 | 50.22 | 50.35 | 50.40 | 45.84 | 41.23 | 41.00 | 40.69 | 40.68 | 53.97 | 79.00  | 74.00  | 65.61  | 56.81 | 50.51 | 38.99 | 36.93 |
|               | -5.76 | -3.98 | -3.61 | -3.62 | -3.54 | -3.78 | -5.73 | -7.40 | -8.18 | -8.19 | -8.06 | -6.57 | -6.12 | -5.71 | -5.67 | -5.73 | -8.62 | -11.59 | -10.47 | -9.20  | -8.54 | -8.01 | -5.49 | -4.45 |
|               | -1.93 | -2.70 | -2.44 | -1.11 | -0.79 | -1.56 | -0.05 | 0.01  | 0.01  | -0.07 | -0.05 | -1.05 | -1.33 | -0.67 | -0.64 | -0.96 | -0.10 | -0.73  | -1.41  | -1.79  | -1.64 | -0.05 | -0.93 | -1.66 |