

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/08/2008

| 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 | 76.81 | 73.93 | 68.76 | 67.41 | 67.33 | 75.89  | 106.04 | 108.52 | 118.66 | 128.09 | 130.62 | 126.78 | 122.57 | 122.51 | 118.77 | 116.26 | 115.41 | 116.13 | 115.55 | 132.61 | 135.20 | 116.73 | 87.24  | 83.98  |
| 61757  | 3.87  | 3.87  | 3.73  | 3.67  | 3.73  | 3.73   | 5.10   | 4.63   | 4.89   | 4.87   | 4.71   | 4.61   | 3.99   | 3.86   | 3.55   | 3.64   | 3.74   | 3.39   | 3.35   | 3.66   | 4.25   | 3.63   | 3.27   | 3.43   |
|        | -9.44 | -6.55 | -1.79 | -0.41 | -0.30 | -6.73  | -21.19 | -22.58 | -24.79 | -33.05 | -37.06 | -35.19 | -35.39 | -38.18 | -39.61 | -36.76 | -32.00 | -39.10 | -39.48 | -52.77 | -42.49 | -35.93 | -14.33 | -17.06 |
| CENTRL | 63.64 | 63.01 | 61.88 | 61.62 | 61.76 | 65.84  | 82.28  | 84.28  | 91.78  | 93.97  | 93.39  | 91.26  | 87.72  | 85.54  | 80.88  | 80.76  | 83.69  | 79.00  | 78.07  | 83.65  | 94.29  | 81.77  | 71.05  | 64.96  |
| 61754  | -1.33 | -1.52 | -1.64 | -1.77 | -1.58 | -0.65  | -0.80  | -0.57  | -1.07  | -1.35  | -1.24  | -1.22  | -1.00  | -0.89  | -0.91  | -0.83  | -0.96  | -0.74  | -0.80  | -0.76  | -0.80  | -1.00  | -0.84  | -1.21  |
|        | -1.48 | -1.03 | -0.28 | -0.06 | -0.05 | -1.05  | -3.32  | -3.54  | -3.87  | -5.16  | -5.78  | -5.49  | -5.52  | -5.96  | -6.18  | -5.74  | -4.99  | -6.09  | -6.15  | -8.22  | -6.62  | -5.60  | -2.25  | -2.67  |
| DUNWOD | 77.16 | 74.40 | 70.17 | 69.05 | 68.92 | 77.76  | 106.48 | 110.26 | 120.60 | 128.59 | 130.69 | 126.96 | 122.19 | 121.46 | 117.14 | 115.06 | 115.40 | 114.63 | 113.84 | 128.86 | 133.99 | 116.03 | 89.67  | 84.23  |
| 61760  | 5.84  | 5.46  | 5.44  | 5.38  | 5.38  | 6.74   | 9.17   | 10.24  | 11.12  | 11.09  | 11.19  | 10.87  | 9.73   | 9.41   | 8.77   | 8.80   | 9.24   | 8.62   | 8.44   | 8.99   | 10.35  | 9.11   | 8.15   | 6.60   |
|        | -7.82 | -5.43 | -1.48 | -0.34 | -0.25 | -5.58  | -17.55 | -18.71 | -20.50 | -27.33 | -30.65 | -29.10 | -29.26 | -31.58 | -32.76 | -30.40 | -26.50 | -32.37 | -32.69 | -43.69 | -35.18 | -29.75 | -11.89 | -14.13 |
| GENESE | 61.92 | 61.37 | 60.34 | 60.15 | 60.35 | 64.47  | 79.12  | 80.77  | 87.69  | 89.55  | 88.55  | 86.57  | 83.40  | 81.50  | 77.07  | 77.30  | 80.30  | 75.65  | 74.79  | 79.30  | 89.93  | 77.48  | 68.56  | 62.95  |
| 61753  | -2.60 | -2.86 | -3.10 | -3.23 | -2.97 | -1.70  | -2.95  | -3.01  | -4.00  | -4.24  | -4.35  | -4.26  | -3.66  | -3.14  | -2.87  | -2.58  | -2.87  | -2.28  | -2.25  | -2.67  | -3.18  | -3.63  | -2.65  | -2.41  |
|        | -1.03 | -0.72 | -0.20 | -0.04 | -0.03 | -0.74  | -2.32  | -2.48  | -2.71  | -3.62  | -4.05  | -3.85  | -3.87  | -4.18  | -4.33  | -4.02  | -3.50  | -4.28  | -4.32  | -5.78  | -4.65  | -3.93  | -1.57  | -1.87  |
| H Q    | 62.35 | 62.49 | 62.23 | 62.32 | 62.28 | 63.93  | 78.08  | 81.34  | 85.54  | 88.54  | 87.16  | 85.24  | 81.53  | 78.77  | 74.10  | 74.27  | 78.07  | 72.03  | 70.70  | 75.00  | 86.52  | 75.63  | 68.10  | 62.29  |
| 61844  | -1.14 | -1.02 | -1.01 | -1.01 | -1.01 | -1.51  | -1.67  | -1.71  | -1.69  | -1.62  | -1.69  | -1.74  | -1.66  | -1.69  | -1.51  | -1.59  | -1.59  | -1.62  | -1.53  | -1.68  | -1.95  | -1.54  | -1.53  | -1.21  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | -1.75  | 1.75   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.49   | -0.49  | 0.00   | 0.00   | 0.00   | 0.00   |
| HUD VL | 76.48 | 73.80 | 69.59 | 68.55 | 68.35 | 77.00  | 105.51 | 109.27 | 119.62 | 127.57 | 129.75 | 126.04 | 121.31 | 120.59 | 116.31 | 114.24 | 114.46 | 113.80 | 113.02 | 128.03 | 133.10 | 115.18 | 88.90  | 83.40  |
| 61758  | 5.21  | 4.89  | 4.87  | 4.88  | 4.81  | 6.02   | 8.29   | 9.35   | 10.23  | 10.19  | 10.40  | 10.09  | 8.98   | 8.69   | 8.09   | 8.12   | 8.44   | 7.95   | 7.78   | 8.38   | 9.64   | 8.41   | 7.45   | 5.84   |
|        | -7.78 | -5.40 | -1.48 | -0.34 | -0.25 | -5.54  | -17.46 | -18.61 | -20.41 | -27.21 | -30.51 | -28.97 | -29.13 | -31.44 | -32.61 | -30.26 | -26.36 | -32.20 | -32.52 | -43.46 | -34.99 | -29.59 | -11.81 | -14.06 |
| LONGIL | 78.75 | 75.79 | 72.00 | 71.17 | 71.03 | 87.82  | 108.80 | 112.54 | 122.93 | 130.59 | 132.84 | 128.36 | 123.28 | 122.36 | 117.76 | 115.45 | 116.21 | 115.68 | 115.17 | 130.63 | 135.95 | 117.97 | 104.44 | 85.85  |
| 61762  | 7.43  | 6.86  | 7.27  | 7.47  | 7.47  | 8.70   | 11.48  | 12.52  | 13.44  | 13.07  | 13.33  | 12.26  | 10.81  | 10.30  | 9.38   | 9.18   | 10.04  | 9.65   | 9.74   | 10.74  | 12.30  | 11.04  | 9.75   | 8.19   |
|        | -7.82 | -5.43 | -1.49 | -0.36 | -0.27 | -13.68 | -17.56 | -18.72 | -20.51 | -27.35 | -30.66 | -29.12 | -29.28 | -31.59 | -32.77 | -30.41 | -26.51 | -32.38 | -32.70 | -43.71 | -35.19 | -29.76 | -25.05 | -14.16 |
| MHK VL | 64.46 | 64.18 | 63.19 | 63.01 | 62.96 | 66.46  | 83.56  | 85.90  | 93.81  | 96.34  | 95.81  | 93.39  | 89.39  | 86.92  | 82.04  | 81.75  | 84.87  | 79.65  | 78.69  | 84.26  | 95.61  | 82.72  | 72.09  | 65.86  |
| 61756  | -0.38 | -0.25 | -0.32 | -0.38 | -0.38 | 0.07   | 0.80   | 1.38   | 1.42   | 1.62   | 1.87   | 1.57   | 1.33   | 1.21   | 0.98   | 0.83   | 0.96   | 0.81   | 0.73   | 1.07   | 1.50   | 0.77   | 0.42   | -0.06  |
|        | -1.34 | -0.93 | -0.27 | -0.06 | -0.05 | -0.96  | -3.01  | -3.21  | -3.41  | -4.55  | -5.10  | -4.84  | -4.87  | -5.25  | -5.45  | -5.06  | -4.25  | -5.20  | -5.25  | -7.01  | -5.65  | -4.78  | -2.04  | -2.43  |
| MILLWD | 76.53 | 73.83 | 69.60 | 68.49 | 68.35 | 77.10  | 105.78 | 109.88 | 120.29 | 128.20 | 130.31 | 126.59 | 121.84 | 121.12 | 116.83 | 114.74 | 115.04 | 114.31 | 113.60 | 128.62 | 133.69 | 115.76 | 89.32  | 83.55  |
| 61759  | 5.21  | 4.89  | 4.87  | 4.81  | 4.81  | 6.09   | 8.45   | 9.84   | 10.77  | 10.64  | 10.75  | 10.44  | 9.32   | 9.01   | 8.39   | 8.42   | 8.84   | 8.25   | 8.14   | 8.68   | 10.00  | 8.80   | 7.80   | 5.91   |
|        | -7.83 | -5.44 | -1.49 | -0.34 | -0.25 | -5.58  | -17.58 | -18.74 | -20.54 | -27.39 | -30.71 | -29.16 | -29.33 | -31.65 | -32.83 | -30.46 | -26.54 | -32.42 | -32.74 | -43.76 | -35.23 | -29.79 | -11.89 | -14.15 |
| N.Y.C. | 77.73 | 74.91 | 70.68 | 69.57 | 69.37 | 78.41  | 107.28 | 111.00 | 121.42 | 129.33 | 131.42 | 127.67 | 122.87 | 122.12 | 117.76 | 115.75 | 116.05 | 115.31 | 116.76 | 129.57 | 134.80 | 117.96 | 90.44  | 84.88  |
| 61761  | 6.41  | 5.97  | 5.94  | 5.89  | 5.82  | 7.39   | 9.97   | 10.98  | 11.92  | 11.81  | 11.91  | 11.57  | 10.40  | 10.06  | 9.38   | 9.48   | 9.88   | 9.28   | 9.09   | 9.68   | 11.15  | 9.88   | 8.91   | 7.24   |
|        | -7.83 | -5.43 | -1.49 | -0.34 | -0.25 | -5.58  | -17.56 | -18.72 | -20.51 | -27.35 | -30.66 | -29.12 | -29.28 | -31.59 | -32.77 | -30.41 | -26.51 | -32.38 | -34.95 | -43.71 | -35.19 | -30.90 | -11.89 | -14.14 |
| NORTH  | 61.27 | 61.41 | 61.15 | 61.37 | 61.27 | 62.95  | 77.44  | 79.11  | 86.76  | 88.36  | 86.63  | 84.55  | 80.86  | 77.97  | 73.34  | 73.43  | 77.27  | 71.22  | 70.39  | 73.52  | 85.90  | 74.94  | 67.20  | 61.46  |
| 61755  | -2.22 | -2.10 | -2.09 | -1.96 | -2.03 | -2.49  | -2.31  | -2.20  | -2.22  | -1.80  | -2.22  | -2.44  | -2.33  | -2.49  | -2.27  | -2.43  | -2.39  | -2.33  | -2.67  | -2.67  | -2.57  | -2.24  | -2.44  | -2.03  |
|        | 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    | 76.78 | 74.00 | 69.26 | 68.08 | 68.00 | 79.40  | 102.24 | 110.00 | 113.96 | 115.23 | 115.00 | 113.95 | 113.58 | 112.61 | 104.44 | 100.24 | 101.67 | 107.09 | 104.50 | 109.97 | 111.50 | 99.07  | 86.04  | 83.50  |
| 61845  | 4.57  | 4.45  | 4.36  | 4.37  | 4.43  | 4.78   | 5.90   | 6.10   | 6.50   | 6.40   | 6.49   | 6.26   | 5.57   | 5.39   | 4.99   | 5.01   | 5.18   | 4.86   | 4.73   | 5.03   | 5.84   | 5.17   | 4.67   | 4.25   |
|        | -8.72 | -6.05 | -1.65 | -0.38 | -0.28 | -9.19  | -16.59 | -22.60 | -18.48 | -18.66 | -19.67 | -20.70 | -24.81 | -26.75 | -23.84 | -19.38 | -16.83 | -28.58 | -27.06 | -28.76 | -17.20 | -16.72 | -11.74 | -15.75 |

|               |       |        |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       |       |
|---------------|-------|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| OH<br>61846   | 58.98 | 58.30  | 57.08 | 56.80 | 57.00 | 61.05 | 73.42  | 76.65  | 78.54  | 82.00  | 81.10  | 79.00  | 76.53  | 75.00  | 71.32  | 71.71  | 74.00  | 70.43  | 69.45  | 74.68  | 82.88  | 71.23  | 64.00 | 59.31 |
|               | -5.71 | -6.03  | -6.39 | -6.59 | -6.33 | -5.23 | -9.01  | -9.27  | -11.83 | -12.35 | -12.44 | -12.44 | -11.15 | -10.30 | -9.30  | -8.80  | -9.72  | -8.17  | -7.78  | -8.68  | -10.97 | -10.50 | -7.45 | -6.35 |
|               | -1.20 | -0.83  | -0.23 | -0.05 | -0.04 | -0.85 | -2.69  | -4.61  | -1.39  | -4.19  | -4.69  | -4.46  | -4.48  | -4.83  | -5.02  | -4.65  | -4.06  | -4.96  | -4.51  | -7.18  | -5.39  | -4.56  | -1.82 | -2.16 |
| PJM<br>61847  | 59.75 | 57.13  | 55.94 | 55.85 | 57.01 | 63.17 | 98.02  | 100.81 | 106.15 | 113.68 | 115.09 | 111.93 | 107.60 | 106.39 | 102.15 | 100.68 | 100.88 | 99.84  | 98.62  | 103.62 | 116.95 | 101.80 | 80.83 | 72.65 |
|               | -6.67 | -10.35 | 0.63  | 0.51  | 0.57  | -4.19 | 3.27   | 4.07   | 3.92   | 3.52   | 3.82   | 3.65   | 2.99   | 2.82   | 2.57   | 2.58   | 1.83   | 2.50   | 2.47   | -5.03  | 2.74   | 2.86   | 2.51  | 1.40  |
|               | -2.92 | -3.97  | 7.93  | 7.99  | 6.85  | -1.92 | -15.00 | -15.44 | -13.25 | -20.00 | -22.43 | -21.29 | -21.41 | -23.11 | -23.97 | -22.24 | -19.39 | -23.69 | -23.43 | -32.47 | -25.74 | -21.77 | -8.69 | -7.76 |
| WEST<br>61752 | 59.52 | 58.73  | 57.49 | 57.19 | 57.45 | 61.89 | 75.78  | 77.89  | 83.75  | 85.39  | 84.70  | 82.41  | 79.57  | 77.85  | 73.92  | 74.19  | 76.48  | 72.74  | 72.17  | 76.95  | 86.11  | 74.11  | 65.71 | 60.24 |
|               | -5.33 | -5.72  | -6.01 | -6.21 | -5.89 | -4.52 | -7.02  | -6.67  | -8.81  | -9.56  | -9.51  | -9.66  | -8.74  | -8.13  | -7.41  | -6.98  | -7.81  | -6.55  | -6.25  | -6.86  | -8.49  | -8.26  | -5.99 | -5.71 |
|               | -1.36 | -0.94  | -0.26 | -0.06 | -0.04 | -0.97 | -3.05  | -3.25  | -3.58  | -4.78  | -5.35  | -5.08  | -5.11  | -5.52  | -5.72  | -5.31  | -4.62  | -5.65  | -5.70  | -7.62  | -6.14  | -5.19  | -2.06 | -2.46 |