

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/03/2008

| 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 | 82.40  | 65.77  | 51.10  | 52.24  | 52.35  | 55.67  | 55.72  | 64.06  | 75.41  | 141.47 | 127.05 | 130.26 | 129.70 | 124.35 | 83.41  | 87.23  | 85.17  | 92.03  | 89.25  | 99.76  | 105.29 | 95.63  | 87.24  | 83.50  |
| 61757  | 3.13   | 3.41   | 2.71   | 2.77   | 2.63   | 2.80   | 2.75   | 3.45   | 3.36   | 2.30   | 2.48   | 2.69   | 2.55   | 2.32   | 4.33   | 3.86   | 4.20   | 3.89   | 3.25   | 3.29   | 4.39   | 3.84   | 2.95   | 2.90   |
|        | -24.41 | -2.44  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -8.64  | -77.11 | -55.73 | -52.97 | -58.27 | -55.74 | -1.73  | -14.43 | -4.58  | -14.70 | -23.57 | -31.86 | -23.85 | -19.30 | -22.72 | -21.46 |
| CENTRL | 55.27  | 57.81  | 46.79  | 47.79  | 48.07  | 51.33  | 51.33  | 58.73  | 64.44  | 69.01  | 73.76  | 78.98  | 74.01  | 71.06  | 78.53  | 70.92  | 77.12  | 74.02  | 64.58  | 67.47  | 78.97  | 74.43  | 62.20  | 58.96  |
| 61754  | -2.36  | -2.40  | -1.60  | -1.68  | -1.64  | -1.53  | -1.64  | -1.88  | -1.71  | -1.49  | -1.17  | -1.42  | -1.24  | -1.33  | -1.08  | -1.31  | -1.60  | -1.76  | -1.62  | -1.74  | -1.93  | -1.74  | -2.28  | -2.60  |
|        | -2.76  | -0.30  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -2.74  | -8.43  | -6.09  | -5.79  | -6.37  | -6.10  | -2.26  | -3.28  | -2.34  | -2.35  | -3.78  | -4.61  | -3.84  | -3.69  | -2.91  | -2.42  |
| DUNWOD | 77.25  | 66.48  | 52.16  | 53.33  | 53.39  | 57.04  | 57.15  | 66.18  | 104.42 | 120.95 | 114.13 | 118.69 | 115.93 | 111.40 | 123.15 | 109.55 | 114.07 | 107.36 | 111.44 | 115.33 | 128.71 | 114.19 | 94.31  | 80.22  |
| 61760  | 4.66   | 4.79   | 3.77   | 3.86   | 3.68   | 4.18   | 4.18   | 5.58   | 6.34   | 5.46   | 6.68   | 7.39   | 6.68   | 6.50   | 7.97   | 7.24   | 7.87   | 7.49   | 6.37   | 6.59   | 7.86   | 7.47   | 6.16   | 5.50   |
|        | -17.72 | -1.78  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -34.67 | -53.42 | -38.61 | -36.70 | -40.37 | -38.62 | -37.84 | -33.37 | -29.81 | -26.43 | -42.64 | -44.13 | -43.80 | -34.24 | -26.59 | -15.58 |
| GENESE | 53.20  | 56.94  | 46.31  | 47.20  | 47.57  | 51.07  | 51.11  | 57.94  | 62.86  | 65.84  | 71.80  | 77.15  | 72.11  | 69.31  | 78.67  | 70.16  | 75.71  | 72.80  | 62.86  | 65.68  | 77.86  | 73.38  | 60.30  | 57.12  |
| 61753  | -3.68  | -3.18  | -2.08  | -2.28  | -2.14  | -1.80  | -1.85  | -2.67  | -2.73  | -2.42  | -1.51  | -1.72  | -1.45  | -1.46  | -1.01  | -1.38  | -2.52  | -2.50  | -2.56  | -2.58  | -2.23  | -2.03  | -3.39  | -3.78  |
|        | -2.01  | -0.21  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -2.17  | -6.20  | -4.48  | -4.26  | -4.68  | -4.48  | -2.32  | -2.60  | -1.84  | -1.86  | -2.99  | -3.66  | -3.04  | -2.93  | -2.12  | -1.77  |
| H Q    | 54.48  | 59.43  | 47.71  | 48.83  | 49.12  | 52.23  | 52.39  | 59.76  | 62.21  | 61.39  | 67.74  | 73.41  | 67.78  | 65.29  | 75.26  | 67.43  | 74.94  | 72.11  | 61.37  | 63.51  | 75.59  | 71.18  | 60.95  | 58.78  |
| 61844  | -0.38  | -0.48  | -0.68  | -0.64  | -0.60  | -0.63  | -0.58  | -0.85  | -1.20  | -0.68  | -1.10  | -1.19  | -1.10  | -0.99  | -2.09  | -1.52  | -1.45  | -1.32  | -1.06  | -1.10  | -1.46  | -1.30  | -0.62  | -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   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| HUD VL | 76.70  | 66.00  | 51.87  | 52.99  | 53.09  | 56.67  | 56.78  | 65.88  | 101.49 | 120.75 | 113.84 | 118.29 | 115.58 | 111.06 | 119.55 | 107.14 | 111.37 | 105.00 | 108.02 | 112.43 | 125.00 | 111.98 | 92.64  | 79.57  |
| 61758  | 4.11   | 4.31   | 3.48   | 3.51   | 3.38   | 3.81   | 3.81   | 5.27   | 5.83   | 5.09   | 6.26   | 6.86   | 6.20   | 6.03   | 7.50   | 6.76   | 7.41   | 6.98   | 5.93   | 6.14   | 7.24   | 6.96   | 5.66   | 4.85   |
|        | -17.72 | -1.78  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -32.24 | -53.59 | -38.74 | -36.82 | -40.50 | -38.74 | -34.70 | -31.44 | -27.57 | -24.59 | -39.66 | -41.68 | -40.70 | -32.54 | -25.41 | -15.59 |
| LONGIL | 79.18  | 68.22  | 53.37  | 54.47  | 54.48  | 58.31  | 58.58  | 67.58  | 106.26 | 122.62 | 116.34 | 120.71 | 117.89 | 113.74 | 124.93 | 112.13 | 115.82 | 110.46 | 113.28 | 117.13 | 131.05 | 116.24 | 99.27  | 86.48  |
| 61762  | 6.58   | 6.53   | 4.98   | 5.00   | 4.77   | 5.44   | 5.61   | 6.97   | 8.18   | 7.14   | 8.54   | 9.40   | 8.40   | 8.22   | 9.75   | 9.17   | 9.62   | 9.55   | 7.87   | 8.40   | 10.17  | 9.49   | 7.88   | 7.27   |
|        | -17.73 | -1.78  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -34.67 | -53.42 | -38.96 | -36.70 | -40.61 | -39.24 | -37.84 | -34.02 | -29.81 | -27.48 | -42.98 | -44.13 | -43.82 | -34.27 | -29.83 | -20.07 |
| MHK VL | 57.12  | 60.06  | 48.15  | 49.28  | 49.61  | 52.81  | 53.02  | 60.85  | 67.75  | 69.24  | 74.45  | 80.04  | 74.49  | 71.53  | 82.33  | 73.27  | 80.31  | 76.50  | 66.86  | 69.64  | 81.81  | 77.09  | 64.44  | 61.03  |
| 61756  | -0.38  | -0.12  | -0.24  | -0.20  | -0.10  | -0.05  | 0.05   | 0.24   | 0.25   | 0.56   | 0.83   | 0.90   | 0.62   | 0.46   | 0.77   | 0.34   | 0.53   | 0.51   | 0.31   | 0.39   | 0.54   | 0.43   | -0.06  | -0.24  |
|        | -2.64  | -0.27  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -4.08  | -6.61  | -4.78  | -4.54  | -5.00  | -4.78  | -4.20  | -3.98  | -3.38  | -2.56  | -4.12  | -4.64  | -4.21  | -4.17  | -2.94  | -2.13  |
| MILLWD | 76.90  | 65.90  | 51.73  | 52.84  | 52.89  | 56.51  | 56.62  | 65.64  | 103.38 | 121.11 | 113.98 | 118.40 | 115.74 | 111.21 | 121.85 | 108.61 | 112.99 | 106.60 | 110.84 | 114.81 | 127.98 | 113.36 | 93.72  | 79.74  |
| 61759  | 4.11   | 4.19   | 3.34   | 3.36   | 3.18   | 3.65   | 3.65   | 5.03   | 5.71   | 4.97   | 6.06   | 6.64   | 5.99   | 5.83   | 7.27   | 6.55   | 7.18   | 6.76   | 5.81   | 6.01   | 7.17   | 6.81   | 5.48   | 4.85   |
|        | -17.92 | -1.80  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -34.26 | -54.08 | -39.09 | -37.15 | -40.87 | -39.09 | -37.23 | -33.12 | -29.42 | -26.41 | -42.60 | -44.20 | -43.76 | -34.07 | -26.68 | -15.75 |
| N.Y.C. | 87.70  | 78.92  | 62.44  | 62.87  | 62.54  | 57.52  | 57.58  | 66.73  | 104.93 | 121.50 | 115.96 | 120.14 | 118.50 | 113.47 | 124.21 | 111.87 | 116.02 | 111.52 | 113.46 | 117.12 | 129.32 | 116.11 | 97.88  | 80.75  |
| 61761  | 5.21   | 5.33   | 4.26   | 4.35   | 4.18   | 4.65   | 4.61   | 6.12   | 6.85   | 6.02   | 7.30   | 7.98   | 7.30   | 7.09   | 8.66   | 7.93   | 8.63   | 8.15   | 6.93   | 7.24   | 8.48   | 8.19   | 6.71   | 6.03   |
|        | -27.63 | -13.68 | -9.80  | -9.05  | -8.65  | 0.00   | 0.00   | 0.00   | -34.67 | -53.41 | -39.82 | -37.55 | -42.32 | -40.09 | -38.20 | -35.00 | -31.00 | -29.94 | -44.10 | -45.28 | -43.79 | -35.44 | -29.61 | -15.58 |
| NORTH  | 53.49  | 58.53  | 46.55  | 47.69  | 48.12  | 51.22  | 51.43  | 58.97  | 60.94  | 60.64  | 66.71  | 72.52  | 66.74  | 64.23  | 73.56  | 65.84  | 73.79  | 71.23  | 60.56  | 62.73  | 74.90  | 70.23  | 60.27  | 58.31  |
| 61755  | -1.37  | -1.38  | -1.84  | -1.78  | -1.59  | -1.64  | -1.54  | -1.64  | -2.47  | -1.43  | -2.13  | -2.09  | -2.14  | -2.05  | -3.79  | -3.10  | -2.60  | -2.20  | -1.87  | -1.87  | -2.16  | -2.25  | -1.29  | -0.83  |
|        | 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    | 85.00  | 79.69  | 76.60  | 75.49  | 76.18  | 77.75  | 80.10  | 83.33  | 98.90  | 114.25 | 120.69 | 124.30 | 122.86 | 113.56 | 99.07  | 93.30  | 93.30  | 96.40  | 95.75  | 104.02 | 111.98 | 100.44 | 89.04  | 82.12  |
| 61845  | 3.68   | 3.95   | 3.19   | 3.22   | 3.13   | 3.38   | 3.39   | 4.30   | 4.25   | 3.17   | 3.65   | 3.88   | 3.58   | 3.45   | 5.18   | 4.83   | 5.12   | 4.85   | 4.18   | 4.33   | 5.24   | 4.86   | 4.00   | 3.84   |
|        | -26.46 | -15.83 | -25.02 | -22.80 | -23.34 | -21.50 | -23.74 | -18.42 | -31.24 | -49.02 | -48.20 | -45.81 | -50.40 | -43.82 | -16.54 | -19.53 | -11.79 | -18.12 | -29.14 | -35.09 | -29.69 | -23.10 | -23.47 | -19.14 |

|               |        |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---------------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| OH<br>61846   | 46.52  | 51.95 | 43.50 | 44.13 | 44.59 | 47.47 | 47.46 | 52.85 | 52.50  | 53.11  | 59.99  | 64.98  | 59.98  | 57.60  | 60.03  | 61.03  | 66.97  | 64.19  | 54.19  | 56.13  | 67.23  | 63.40  | 52.50  | 49.89  |
|               | -8.12  | -8.21 | -4.89 | -5.34 | -5.12 | -5.39 | -5.51 | -7.76 | -7.86  | -7.76  | -7.99  | -8.80  | -7.99  | -7.82  | -7.97  | -7.86  | -9.47  | -9.11  | -8.05  | -8.20  | -9.63  | -8.99  | -8.86  | -9.05  |
|               | 0.22   | -0.25 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 3.05   | 1.20   | 0.87   | 0.82   | 0.91   | 0.87   | 9.35   | 0.05   | -0.05  | 0.14   | 0.19   | 0.27   | 0.19   | 0.09   | 0.20   | 0.20   |
| PJM<br>61847  | 58.90  | 52.81 | 48.00 | 47.94 | 48.00 | 48.00 | 52.65 | 60.67 | 69.33  | 92.95  | 92.95  | 97.56  | 94.04  | 90.35  | 88.89  | 87.95  | 84.97  | 90.51  | 89.40  | 91.26  | 106.74 | 95.26  | 72.59  | 68.90  |
|               | -7.68  | -0.84 | -0.39 | -1.53 | -0.50 | -4.86 | -0.32 | 0.06  | -15.03 | -2.86  | -0.28  | -0.22  | -0.41  | -0.33  | -9.67  | -2.48  | -10.47 | 0.37   | 0.25   | 0.26   | 0.69   | 0.65   | -5.97  | -0.53  |
|               | -11.72 | 6.26  | 0.00  | 0.00  | 1.21  | 0.00  | 0.00  | 0.00  | -20.95 | -33.74 | -24.39 | -23.18 | -25.57 | -24.39 | -21.21 | -21.49 | -19.04 | -16.71 | -26.72 | -26.40 | -28.99 | -22.13 | -17.00 | -10.30 |
| WEST<br>61752 | 47.70  | 52.16 | 43.40 | 44.13 | 44.59 | 47.52 | 47.46 | 53.21 | 53.02  | 54.19  | 60.88  | 65.84  | 60.84  | 58.42  | 60.62  | 61.97  | 67.99  | 65.00  | 55.15  | 57.26  | 68.42  | 64.51  | 53.88  | 50.93  |
|               | -7.85  | -8.03 | -4.98 | -5.34 | -5.12 | -5.34 | -5.51 | -7.39 | -7.86  | -7.82  | -7.92  | -8.73  | -7.99  | -7.82  | -8.20  | -7.51  | -8.86  | -8.74  | -7.80  | -7.95  | -9.17  | -8.55  | -8.43  | -8.81  |
|               | -0.68  | -0.28 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 2.53   | 0.06   | 0.04   | 0.04   | 0.04   | 0.04   | 8.53   | -0.55  | -0.47  | -0.31  | -0.52  | -0.60  | -0.53  | -0.58  | -0.75  | -0.60  |