

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

02/07/2007

| 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 | 82.94  | 81.48  | 80.31  | 80.31  | 78.95 | 88.64  | 107.00 | 116.77 | 118.53 | 120.42 | 115.42  | 106.66 | 103.17 | 94.74  | 93.00  | 93.39  | 105.55 | 133.55 | 144.84 | 133.31 | 120.19 | 91.54  | 90.75  | 87.95  |
| 61757  | 4.03   | 3.96   | 3.99   | 3.99   | 4.82  | 5.57   | 7.21   | 8.95   | 7.98   | 6.52   | 6.46    | 6.25   | 6.07   | 5.59   | 5.44   | 5.28   | 5.87   | 7.45   | 8.42   | 7.90   | 7.00   | 5.83   | 5.45   | 4.73   |
|        | -18.79 | -19.25 | -18.49 | -18.57 | -8.95 | -13.43 | -15.01 | 0.00   | -13.25 | -30.33 | -25.10  | -15.94 | -17.27 | -10.39 | -9.82  | -10.48 | -21.46 | -28.13 | -31.17 | -30.22 | -26.78 | -1.29  | -0.07  | -5.76  |
| CENTRL | 59.99  | 58.25  | 57.75  | 57.57  | 63.98 | 69.23  | 83.53  | 105.13 | 96.29  | 84.79  | 84.56   | 83.67  | 79.10  | 77.33  | 76.07  | 76.03  | 78.10  | 97.87  | 105.56 | 96.27  | 86.80  | 81.79  | 82.25  | 75.41  |
| 61754  | -2.28  | -2.21  | -2.20  | -2.31  | -2.22 | -1.95  | -2.97  | -2.70  | -2.53  | -2.26  | -2.18   | -2.62  | -2.71  | -2.60  | -2.80  | -2.79  | -2.58  | -3.33  | -3.26  | -2.38  | -2.68  | -2.79  | -2.98  | -2.71  |
|        | -2.15  | -2.21  | -2.12  | -2.13  | -1.03 | -1.54  | -1.72  | 0.00   | -1.52  | -3.48  | -2.88   | -1.83  | -1.98  | -1.17  | -1.12  | -1.20  | -2.46  | -3.22  | -3.57  | -3.46  | -3.07  | -0.15  | -0.01  | -0.66  |
| DUNWOD | 79.65  | 77.75  | 76.59  | 76.63  | 77.64 | 85.86  | 103.61 | 118.17 | 117.77 | 115.73 | 112.29  | 105.91 | 101.28 | 95.16  | 93.52  | 93.89  | 102.96 | 130.39 | 141.00 | 128.76 | 116.22 | 94.77  | 94.56  | 89.00  |
| 61760  | 5.41   | 5.01   | 4.86   | 4.91   | 5.74  | 6.13   | 7.55   | 10.35  | 10.51  | 9.36   | 9.56    | 9.46   | 8.46   | 8.58   | 8.40   | 8.38   | 8.60   | 11.27  | 12.31  | 10.85  | 9.68   | 9.37   | 9.29   | 7.20   |
|        | -14.12 | -14.47 | -13.90 | -13.96 | -6.73 | -10.09 | -11.28 | 0.00   | -9.96  | -22.80 | -18.86  | -11.99 | -12.98 | -7.82  | -7.38  | -7.88  | -16.13 | -21.14 | -23.43 | -22.72 | -20.13 | -0.97  | -0.05  | -4.33  |
| GENESE | 57.99  | 56.41  | 55.93  | 55.75  | 62.17 | 66.87  | 80.01  | 103.40 | 94.56  | 83.01  | 82.71   | 81.58  | 77.08  | 75.32  | 74.32  | 74.27  | 75.79  | 95.44  | 102.94 | 93.86  | 84.88  | 79.74  | 80.03  | 72.97  |
| 61753  | -3.91  | -3.67  | -3.64  | -3.75  | -3.85 | -4.04  | -6.19  | -4.42  | -3.99  | -3.43  | -3.52   | -4.39  | -4.39  | -4.41  | -4.35  | -4.35  | -4.46  | -5.19  | -5.26  | -4.19  | -4.06  | -4.81  | -5.20  | -5.04  |
|        | -1.77  | -1.82  | -1.75  | -1.75  | -0.85 | -1.27  | -1.42  | 0.00   | -1.25  | -2.86  | -2.37   | -1.51  | -1.63  | -0.97  | -0.93  | -0.99  | -2.03  | -2.66  | -2.94  | -2.85  | -2.53  | -0.12  | -0.01  | -0.54  |
| H Q    | 59.58  | 57.80  | 57.43  | 57.35  | 58.44 | 62.08  | 96.32  | 108.57 | 96.43  | 82.73  | 83.02   | 83.79  | 79.20  | 77.97  | 76.97  | 76.85  | 71.40  | 103.53 | 104.62 | 94.33  | 86.34  | 88.52  | 78.47  | 76.54  |
| 61844  | -0.54  | -0.47  | -0.40  | -0.40  | -0.59 | -0.70  | -0.08  | -0.65  | -0.88  | -0.84  | -0.84   | -0.68  | -0.64  | -0.79  | -0.78  | -0.78  | -0.78  | -0.49  | -0.63  | -0.86  | -0.69  | -0.84  | -1.19  | -0.93  |
|        | 0.00   | 0.00   | 0.00   | 0.00   | 6.15  | 6.86   | -11.62 | -1.39  | 0.00   | 0.00   | 0.00    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 6.04   | -6.04  | 0.00   | 0.00   | -0.63  | -4.94  | 5.56   | 0.00   |
| HUD VL | 79.05  | 77.15  | 76.00  | 75.98  | 76.99 | 85.22  | 102.92 | 117.20 | 116.71 | 114.61 | 111.20  | 104.87 | 100.28 | 94.06  | 92.44  | 92.81  | 101.88 | 129.22 | 139.95 | 127.89 | 115.35 | 93.66  | 93.37  | 88.34  |
| 61758  | 4.93   | 4.54   | 4.40   | 4.39   | 5.15  | 5.57   | 6.95   | 9.38   | 9.54   | 8.44   | 8.64    | 8.53   | 7.58   | 7.56   | 7.39   | 7.37   | 7.67   | 10.29  | 11.47  | 10.19  | 8.99   | 8.27   | 8.10   | 6.58   |
|        | -14.00 | -14.34 | -13.77 | -13.84 | -6.67 | -10.00 | -11.18 | 0.00   | -9.87  | -22.60 | -18.70  | -11.88 | -12.86 | -7.74  | -7.31  | -7.81  | -15.99 | -20.96 | -23.22 | -22.52 | -19.95 | -0.96  | -0.05  | -4.29  |
| LONGIL | 80.08  | 78.05  | 76.83  | 76.58  | 78.29 | 86.08  | 118.01 | 161.50 | 166.98 | 177.68 | 195.84  | 174.83 | 169.29 | 168.64 | 166.56 | 168.73 | 169.62 | 179.53 | 189.00 | 196.28 | 179.49 | 167.48 | 126.66 | 89.31  |
| 61762  | 5.83   | 5.30   | 5.09   | 4.85   | 6.39  | 6.34   | 9.67   | 12.83  | 12.55  | 11.11  | 11.32   | 11.06  | 9.90   | 10.16  | 10.03  | 10.01  | 10.17  | 12.84  | 14.00  | 12.57  | 11.15  | 10.98  | 11.25  | 7.51   |
|        | -14.13 | -14.48 | -13.91 | -13.97 | -6.73 | -10.10 | -23.56 | -40.85 | -57.13 | -83.00 | -100.66 | -79.30 | -79.56 | -79.72 | -78.79 | -81.09 | -81.23 | -68.72 | -69.75 | -88.53 | -81.93 | -72.08 | -30.19 | -4.33  |
| MHK VL | 61.69  | 59.98  | 59.43  | 59.31  | 66.06 | 71.24  | 86.79  | 109.44 | 100.08 | 87.25  | 86.98   | 87.30  | 82.53  | 80.71  | 79.59  | 79.45  | 81.06  | 101.82 | 109.66 | 100.00 | 90.55  | 85.63  | 85.83  | 78.22  |
| 61756  | 0.12   | 0.23   | 0.17   | 0.12   | 0.20  | 0.56   | 0.85   | 1.62   | 1.75   | 1.34   | 1.17    | 1.60   | 1.36   | 1.18   | 1.09   | 1.01   | 1.17   | 1.67   | 2.00   | 2.47   | 2.07   | 1.10   | 0.60   | 0.31   |
|        | -1.45  | -1.49  | -1.43  | -1.44  | -0.69 | -1.04  | -1.16  | 0.00   | -1.02  | -2.34  | -1.94   | -1.23  | -1.33  | -0.77  | -0.76  | -0.81  | -1.66  | -2.17  | -2.41  | -2.34  | -2.07  | -0.10  | -0.01  | -0.44  |
| MILLWD | 79.82  | 77.91  | 76.75  | 76.73  | 77.71 | 86.05  | 104.08 | 118.60 | 118.18 | 116.24 | 112.67  | 106.30 | 101.67 | 95.25  | 93.60  | 94.06  | 103.23 | 130.93 | 141.59 | 129.40 | 116.71 | 94.78  | 94.56  | 89.05  |
| 61759  | 5.41   | 5.01   | 4.86   | 4.85   | 5.74  | 6.20   | 7.88   | 10.78  | 10.80  | 9.61   | 9.73    | 9.71   | 8.70   | 8.58   | 8.40   | 8.46   | 8.68   | 11.56  | 12.63  | 11.23  | 9.94   | 9.37   | 9.29   | 7.20   |
|        | -14.29 | -14.64 | -14.06 | -14.12 | -6.81 | -10.21 | -11.41 | 0.00   | -10.08 | -23.06 | -19.08  | -12.12 | -13.13 | -7.91  | -7.46  | -7.97  | -16.32 | -21.39 | -23.70 | -22.98 | -20.36 | -0.98  | -0.05  | -4.38  |
| N.Y.C. | 80.33  | 78.46  | 77.29  | 77.33  | 78.49 | 86.64  | 103.96 | 139.90 | 138.18 | 136.60 | 133.75  | 128.31 | 124.25 | 115.48 | 118.30 | 114.66 | 125.76 | 149.70 | 160.02 | 149.68 | 139.13 | 121.42 | 118.86 | 115.88 |
| 61761  | 6.07   | 5.71   | 5.55   | 5.60   | 6.58  | 6.89   | 7.88   | 10.78  | 11.09  | 10.11  | 10.40   | 10.30  | 9.18   | 9.45   | 9.33   | 9.32   | 9.39   | 12.15  | 13.16  | 11.61  | 10.46  | 10.55  | 10.40  | 8.29   |
|        | -14.13 | -14.48 | -13.91 | -13.97 | -6.74 | -10.10 | -11.29 | -21.30 | -29.78 | -42.92 | -39.49  | -33.55 | -35.23 | -27.27 | -31.22 | -27.72 | -38.14 | -39.57 | -41.61 | -42.88 | -42.26 | -26.44 | -23.24 | -30.12 |
| NORTH  | 60.00  | 58.32  | 58.00  | 57.87  | 65.04 | 69.71  | 85.88  | 107.93 | 97.59  | 83.57  | 83.78   | 85.14  | 80.40  | 78.91  | 77.90  | 77.70  | 78.46  | 99.06  | 105.99 | 96.05  | 87.10  | 84.34  | 84.46  | 77.00  |
| 61755  | -0.12  | 0.06   | 0.17   | 0.12   | -0.13 | 0.07   | 1.10   | 0.11   | 0.29   | 0.00   | -0.08   | 0.68   | 0.56   | 0.16   | 0.16   | 0.08   | 0.23   | 1.08   | 0.74   | 0.86   | 0.69   | -0.08  | -0.77  | -0.46  |
|        | 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    | 81.30  | 79.66  | 78.63  | 78.63  | 72.04 | 80.35  | 116.60 | 117.84 | 117.22 | 117.37 | 113.00  | 105.30 | 101.41 | 94.11  | 92.42  | 92.89  | 97.62  | 137.00 | 141.74 | 130.10 | 117.79 | 97.10  | 86.20  | 87.80  |
| 61845  | 4.39   | 4.19   | 4.28   | 4.27   | 5.02  | 5.57   | 6.78   | 8.63   | 8.08   | 6.69   | 6.71    | 6.59   | 6.15   | 6.06   | 5.91   | 5.90   | 6.26   | 7.84   | 8.63   | 7.90   | 6.83   | 6.59   | 6.48   | 5.19   |
|        | -16.79 | -17.21 | -16.52 | -16.60 | -1.85 | -5.14  | -25.04 | -1.39  | -11.84 | -27.11 | -22.43  | -14.25 | -15.43 | -9.29  | -8.77  | -9.37  | -13.14 | -31.18 | -27.86 | -27.01 | -24.56 | -6.09  | 5.50   | -5.15  |

|               |       |       |       |       |       |       |        |        |        |       |       |        |        |        |        |        |        |        |        |        |        |        |        |       |
|---------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| OH<br>61846   | 56.08 | 54.64 | 54.34 | 54.05 | 54.00 | 57.13 | 86.58  | 98.00  | 88.13  | 77.92 | 77.27 | 75.72  | 71.41  | 69.48  | 68.78  | 68.67  | 64.10  | 94.43  | 95.16  | 87.23  | 79.74  | 78.70  | 68.56  | 69.54 |
|               | -6.07 | -5.71 | -5.49 | -5.72 | -6.00 | -7.10 | -11.45 | -11.21 | -10.61 | -8.94 | -9.31 | -10.47 | -10.30 | -10.40 | -10.03 | -10.09 | -10.40 | -12.64 | -13.47 | -11.23 | -10.20 | -10.81 | -10.82 | -8.83 |
|               | -2.04 | -2.09 | -2.00 | -2.01 | 5.18  | 5.41  | -13.25 | -1.39  | -1.44  | -3.29 | -2.72 | -1.73  | -1.87  | -1.12  | -1.06  | -1.14  | 3.72   | -9.09  | -3.38  | -3.28  | -3.53  | -5.08  | 5.84   | -0.91 |
| PJM<br>61847  | 58.05 | 56.50 | 56.31 | 56.14 | 34.54 | 73.88 | 105.90 | 111.42 | 100.00 | 87.85 | 86.68 | 83.44  | 77.66  | 74.64  | 72.77  | 72.78  | 70.61  | 102.76 | 105.01 | 97.13  | 86.87  | 85.34  | 75.00  | 65.68 |
|               | -5.35 | -5.13 | -4.74 | -4.85 | -4.11 | -2.99 | -3.31  | -1.29  | -2.24  | -2.01 | -2.35 | -3.80  | -5.19  | -5.91  | -6.69  | -6.68  | -5.32  | -6.17  | -5.68  | -3.33  | -4.84  | -6.16  | -7.41  | -8.13 |
|               | -3.28 | -3.36 | -3.23 | -3.24 | 26.52 | -7.23 | -24.42 | -4.89  | -4.94  | -6.29 | -5.17 | -2.78  | -3.01  | -1.79  | -1.71  | -1.83  | 2.30   | -10.95 | -5.44  | -5.27  | -5.30  | -7.08  | 2.81   | 3.65  |
| WEST<br>61752 | 56.66 | 55.15 | 54.84 | 54.55 | 60.71 | 65.12 | 77.09  | 99.63  | 90.82  | 80.44 | 79.83 | 78.18  | 73.44  | 71.25  | 70.21  | 70.11  | 72.12  | 90.97  | 98.26  | 90.25  | 81.50  | 75.46  | 75.69  | 69.63 |
|               | -5.71 | -5.42 | -5.20 | -5.43 | -5.54 | -6.13 | -9.50  | -8.19  | -8.08  | -6.77 | -7.04 | -8.19  | -8.46  | -8.74  | -8.71  | -8.77  | -8.68  | -10.39 | -10.74 | -8.57  | -8.12  | -9.12  | -9.55  | -8.52 |
|               | -2.25 | -2.31 | -2.22 | -2.23 | -1.07 | -1.61 | -1.80  | 0.00   | -1.59  | -3.64 | -3.01 | -1.91  | -2.07  | -1.24  | -1.18  | -1.26  | -2.57  | -3.37  | -3.74  | -3.63  | -3.21  | -0.15  | -0.01  | -0.69 |