

# Day Ahead Market Zonal LBMP

|            |        | --- LBMP \$ |       |       |       |       |       | --- Marginal Cost of Losses |        |        |        |        |        | --- Marginal Cost of Congestion |        |        |        |        |        |        |        |        |        |        |  |  |
|------------|--------|-------------|-------|-------|-------|-------|-------|-----------------------------|--------|--------|--------|--------|--------|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|
| Zonal Data |        | 07/24/2008  |       |       |       |       |       |                             |        |        |        |        |        |                                 |        |        |        |        |        |        |        |        |        |        |  |  |
| 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     | 79.45  | 73.32       | 71.31 | 66.50 | 66.75 | 71.42 | 81.53 | 97.58                       | 109.45 | 112.42 | 130.36 | 125.64 | 122.58 | 121.62                          | 122.92 | 122.08 | 123.77 | 116.44 | 114.80 | 109.65 | 110.71 | 116.57 | 102.65 | 86.54  |  |  |
| 61757      | 4.00   | 3.56        | 3.52  | 2.92  | 3.24  | 3.66  | 4.39  | 4.01                        | 4.20   | 4.70   | 5.01   | 5.85   | 6.03   | 5.75                            | 5.89   | 5.40   | 5.35   | 5.13   | 4.99   | 4.72   | 5.11   | 4.91   | 4.33   | 4.51   |  |  |
|            | 0.00   | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -0.07 | -16.44                      | -22.99 | -20.75 | -34.24 | -17.21 | -0.51  | -0.96                           | -1.57  | -1.75  | -2.12  | -2.05  | -11.88 | -17.53 | -11.04 | -20.72 | -18.16 | 0.00   |  |  |
| CENTRL     | 74.55  | 68.30       | 65.96 | 62.24 | 61.99 | 66.21 | 75.30 | 77.45                       | 83.46  | 87.84  | 93.53  | 103.38 | 115.81 | 114.56                          | 114.90 | 114.81 | 116.42 | 109.04 | 98.36  | 87.97  | 94.37  | 92.34  | 80.48  | 80.47  |  |  |
| 61754      | -0.91  | -1.46       | -1.83 | -1.34 | -1.52 | -1.56 | -1.77 | -1.54                       | -1.40  | -1.48  | -1.18  | -1.13  | -0.23  | -0.34                           | -0.58  | -0.11  | 0.12   | -0.22  | -0.78  | -1.31  | -1.32  | -0.91  | -1.76  | -1.56  |  |  |
|            | 0.00   | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -0.01 | -1.86                       | -2.60  | -2.34  | -3.61  | -1.93  | -0.01  | 0.00                            | -0.02  | 0.00   | 0.00   | -0.01  | -1.21  | -1.88  | -1.13  | -2.31  | -2.09  | 0.00   |  |  |
| DUNWOD     | 83.53  | 76.11       | 73.82 | 68.86 | 68.97 | 73.86 | 85.75 | 98.80                       | 109.44 | 112.59 | 127.26 | 135.88 | 138.21 | 146.91                          | 155.93 | 161.73 | 170.20 | 159.94 | 142.66 | 132.87 | 136.71 | 128.75 | 103.37 | 91.08  |  |  |
| 61760      | 8.07   | 6.35        | 6.03  | 5.28  | 5.46  | 6.10  | 8.63  | 9.10                        | 9.71   | 9.83   | 10.20  | 12.11  | 13.81  | 13.79                           | 13.86  | 13.79  | 13.96  | 13.22  | 11.95  | 10.49  | 11.25  | 11.00  | 9.22   | 8.86   |  |  |
|            | 0.00   | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -0.05 | -12.57                      | -17.48 | -15.79 | -25.95 | -21.19 | -8.36  | -18.21                          | -26.61 | -33.01 | -39.94 | -37.48 | -32.79 | -34.98 | -30.89 | -26.81 | -13.99 | -0.19  |  |  |
| GENESE     | 72.51  | 66.34       | 63.65 | 60.46 | 60.08 | 64.17 | 71.52 | 70.89                       | 75.89  | 83.12  | 88.80  | 98.51  | 112.21 | 111.23                          | 111.20 | 111.60 | 113.05 | 105.54 | 94.74  | 84.02  | 90.32  | 88.05  | 76.45  | 78.00  |  |  |
| 61753      | -2.94  | -3.42       | -4.14 | -3.12 | -3.43 | -3.59 | -5.55 | -5.86                       | -5.84  | -5.65  | -5.19  | -5.54  | -3.83  | -3.68                           | -4.27  | -3.33  | -3.26  | -3.71  | -4.11  | -4.81  | -5.11  | -4.64  | -5.29  | -4.02  |  |  |
|            | 0.00   | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -0.01 | 0.38                        | 0.53   | -1.80  | -2.89  | -1.46  | -0.01  | 0.00                            | -0.01  | 0.00   | 0.00   | -0.01  | -0.92  | -1.43  | -0.86  | -1.76  | -1.59  | 0.00   |  |  |
| H Q        | 73.64  | 68.72       | 66.97 | 62.88 | 62.81 | 66.82 | 75.45 | 75.51                       | 80.37  | 85.15  | 89.01  | 100.02 | 112.67 | 111.58                          | 112.34 | 111.71 | 113.05 | 106.30 | 95.28  | 85.39  | 92.30  | 88.57  | 78.55  | 80.22  |  |  |
| 61844      | -1.81  | -1.05       | -0.81 | -0.70 | -0.70 | -0.95 | -1.62 | -1.62                       | -1.89  | -1.83  | -2.10  | -2.56  | -3.37  | -3.33                           | -3.12  | -3.22  | -3.26  | -2.95  | -2.64  | -2.01  | -2.27  | -2.36  | -1.60  | -1.80  |  |  |
|            | 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   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |        |  |  |
| HUD VL     | 83.08  | 75.69       | 73.41 | 68.47 | 68.65 | 73.46 | 85.52 | 98.36                       | 109.03 | 112.07 | 126.78 | 133.22 | 135.46 | 141.83                          | 148.81 | 153.12 | 159.87 | 150.26 | 136.02 | 126.81 | 130.51 | 125.29 | 102.64 | 90.31  |  |  |
| 61758      | 7.62   | 5.93        | 5.63  | 4.90  | 5.14  | 5.69  | 8.40  | 8.79                        | 9.38   | 9.39   | 9.84   | 11.59  | 13.11  | 13.21                           | 13.28  | 13.33  | 13.49  | 12.78  | 11.46  | 10.05  | 10.88  | 10.46  | 8.74   | 8.28   |  |  |
|            | 0.00   | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -0.05 | -12.44                      | -17.39 | -15.70 | -25.84 | -19.05 | -6.31  | -13.71                          | -20.07 | -24.86 | -30.07 | -28.23 | -26.64 | -29.36 | -25.06 | -23.90 | -13.75 | 0.00   |  |  |
| LONGIL     | 86.25  | 77.99       | 75.58 | 70.00 | 70.18 | 75.35 | 88.37 | 111.57                      | 113.97 | 118.91 | 130.47 | 138.86 | 141.69 | 149.67                          | 157.55 | 163.24 | 171.84 | 162.47 | 145.41 | 135.51 | 139.56 | 131.58 | 129.95 | 121.41 |  |  |
| 61762      | 10.79  | 8.23        | 7.80  | 6.42  | 6.67  | 7.59  | 11.25 | 11.96                       | 12.83  | 13.13  | 13.39  | 15.08  | 17.29  | 16.55                           | 15.47  | 15.29  | 15.58  | 15.73  | 14.69  | 13.11  | 14.09  | 13.82  | 11.86  | 11.65  |  |  |
|            | 0.00   | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -0.05 | -22.49                      | -18.88 | -18.80 | -25.97 | -21.20 | -8.37  | -18.21                          | -26.62 | -33.02 | -39.95 | -37.49 | -32.80 | -35.00 | -30.90 | -26.82 | -37.93 | -27.73 |  |  |
| MHK VL     | 76.21  | 70.25       | 67.99 | 64.02 | 63.76 | 68.10 | 77.84 | 80.58                       | 86.96  | 91.65  | 97.59  | 107.81 | 119.75 | 118.78                          | 119.71 | 119.62 | 121.41 | 114.05 | 102.53 | 92.23  | 98.95  | 95.83  | 83.40  | 82.76  |  |  |
| 61756      | 0.75   | 0.49        | 0.20  | 0.45  | 0.25  | 0.34  | 0.77  | 1.62                        | 2.14   | 2.35   | 2.73   | 2.87   | 3.25   | 2.87                            | 2.77   | 2.87   | 2.91   | 2.73   | 2.06   | 1.75   | 1.99   | 2.00   | 1.20   | 0.74   |  |  |
|            | 0.00   | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -0.01 | -1.83                       | -2.56  | -2.32  | -3.75  | -2.35  | -0.47  | -1.00                           | -1.48  | -1.82  | -2.20  | -2.07  | -2.55  | -3.08  | -2.39  | -2.90  | -2.04  | 0.00   |  |  |
| MILLWD     | 83.30  | 75.90       | 73.62 | 68.60 | 68.78 | 73.66 | 85.52 | 98.65                       | 109.46 | 112.49 | 127.33 | 135.67 | 138.03 | 146.39                          | 155.23 | 161.00 | 169.32 | 159.01 | 142.06 | 132.36 | 136.14 | 128.49 | 103.11 | 90.72  |  |  |
| 61759      | 7.85   | 6.14        | 5.83  | 5.02  | 5.27  | 5.90  | 8.40  | 8.95                        | 9.62   | 9.65   | 10.11  | 12.00  | 13.81  | 13.67                           | 13.74  | 13.79  | 13.96  | 13.11  | 11.85  | 10.40  | 11.16  | 10.91  | 9.06   | 8.69   |  |  |
|            | 0.00   | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -0.05 | -12.57                      | -17.57 | -15.86 | -26.11 | -21.08 | -8.18  | -17.81                          | -26.03 | -32.28 | -39.05 | -36.65 | -32.29 | -34.56 | -30.41 | -26.65 | -13.90 | 0.00   |  |  |
| N.Y.C.     | 118.59 | 85.26       | 79.61 | 69.43 | 69.55 | 74.54 | 91.21 | 124.16                      | 130.57 | 143.87 | 144.88 | 148.46 | 150.71 | 158.06                          | 165.84 | 170.76 | 178.13 | 170.43 | 155.95 | 147.37 | 150.81 | 147.79 | 135.63 | 125.33 |  |  |
| 61761      | 8.90   | 7.05        | 6.64  | 5.85  | 6.03  | 6.78  | 9.25  | 9.72                        | 10.36  | 10.44  | 10.84  | 12.82  | 14.74  | 14.36                           | 14.43  | 14.37  | 14.65  | 14.09  | 13.02  | 11.36  | 12.29  | 12.00  | 10.10  | 9.76   |  |  |
|            | -34.23 | -8.45       | -5.18 | 0.00  | 0.00  | 0.00  | -4.90 | -37.31                      | -37.94 | -46.46 | -42.93 | -33.05 | -19.94 | -28.79                          | -35.94 | -41.46 | -47.17 | -47.09 | -45.00 | -48.61 | -43.95 | -44.85 | -45.37 | -33.54 |  |  |
| NORTH      | 71.61  | 66.97       | 65.28 | 61.42 | 61.22 | 65.39 | 73.83 | 74.89                       | 79.71  | 84.89  | 88.83  | 99.20  | 111.28 | 110.43                          | 111.42 | 110.91 | 112.23 | 105.75 | 94.60  | 84.95  | 91.73  | 87.57  | 77.91  | 78.41  |  |  |
| 61755      | -3.85  | -2.79       | -2.51 | -2.16 | -2.29 | -2.37 | -3.24 | -2.24                       | -2.55  | -2.09  | -2.28  | -3.39  | -4.76  | -4.48                           | -4.04  | -4.02  | -4.07  | -3.50  | -3.33  | -2.45  | -2.84  | -3.36  | -2.24  | -3.61  |  |  |
|            | 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        | 80.36  | 73.81       | 71.72 | 66.95 | 67.13 | 71.83 | 82.37 | 97.21                       | 108.68 | 111.69 | 128.13 | 128.33 | 127.39 | 129.80                          | 134.04 | 135.44 | 139.41 | 130.76 | 123.90 | 117.00 | 119.19 | 120.00 | 102.00 | 87.52  |  |  |
| 61845      | 4.90   | 4.05        | 3.93  | 3.37  | 3.62  | 4.07  | 5.24  | 5.24                        | 5.68   | 6.00   | 6.20   | 7.28   | 8.01   | 7.70                            | 7.97   | 7.47   | 7.33   | 6.66   | 6.66   | 5.94   | 6.53   | 6.37   | 5.45   | 5.50   |  |  |
|            | 0.00   | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -0.06 | -14.84                      | -20.74 | -18.72 | -30.83 | -18.46 | -3.35  | -7.19                           | -10.61 | -13.04 | -15.78 | -14.85 | -19.32 | -23.66 | -18.10 | -22.70 | -16.39 | 0.00   |  |  |

|       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| OH    | 69.12 | 63.13 | 60.40 | 57.41 | 57.10 | 60.78 | 66.75  | 65.00  | 69.27  | 75.26  | 77.28  | 89.23  | 100.96 | 100.20 | 100.00 | 100.68 | 102.00 | 95.71  | 86.38  | 76.06  | 81.39  | 80.00  | 70.00  | 72.76 |
| 61846 | -6.34 | -6.63 | -7.39 | -6.17 | -6.41 | -6.98 | -10.33 | -11.96 | -12.75 | -13.31 | -13.48 | -15.08 | -15.08 | -14.71 | -15.47 | -14.25 | -14.31 | -13.55 | -12.63 | -13.02 | -14.19 | -13.00 | -12.02 | -9.27 |
|       | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.01  | 0.18   | 0.24   | -1.59  | 0.34   | -1.72  | -0.01  | 0.00   | -0.01  | 0.00   | 0.00   | -0.01  | -1.09  | -1.68  | -1.01  | -2.07  | -1.87  | 0.00  |
| PJM   | 77.85 | 70.00 | 69.82 | 65.36 | 65.42 | 70.00 | 75.00  | 92.39  | 101.52 | 104.81 | 113.82 | 122.19 | 127.95 | 132.96 | 138.29 | 142.05 | 138.36 | 130.00 | 124.79 | 115.00 | 119.53 | 115.00 | 103.53 | 80.00 |
| 61847 | -2.49 | 2.37  | 2.03  | 1.78  | 1.91  | 2.24  | 3.70   | -3.16  | 4.44   | 4.00   | 4.01   | 5.23   | 6.73   | 6.78   | 6.58   | 7.13   | -1.98  | -2.08  | 5.78   | 4.72   | 5.11   | 5.46   | 3.85   | 3.61  |
|       | -4.88 | 2.13  | 0.00  | 0.00  | 0.00  | 0.00  | 5.76   | -18.42 | -14.82 | -13.83 | -18.71 | -14.37 | -5.18  | -11.27 | -16.25 | -20.00 | -24.03 | -22.83 | -21.09 | -22.88 | -19.85 | -18.61 | -19.53 | 5.63  |
| WEST  | 70.78 | 64.39 | 61.62 | 58.56 | 58.24 | 62.14 | 68.67  | 67.77  | 72.59  | 78.51  | 81.40  | 92.94  | 105.25 | 104.34 | 104.04 | 104.82 | 106.19 | 99.53  | 89.46  | 79.07  | 84.64  | 83.54  | 72.65  | 74.72 |
| 61752 | -4.68 | -5.37 | -6.17 | -5.02 | -5.27 | -5.62 | -8.40  | -9.56  | -9.95  | -10.44 | -10.57 | -11.59 | -10.79 | -10.57 | -11.43 | -10.11 | -10.12 | -9.72  | -9.69  | -10.23 | -11.06 | -9.73  | -9.62  | -7.30 |
|       | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.01  | -0.20  | -0.28  | -1.97  | -0.86  | -1.95  | -0.01  | 0.00   | -0.01  | 0.00   | 0.00   | -0.01  | -1.23  | -1.90  | -1.14  | -2.34  | -2.11  | 0.00  |