

# Day Ahead Market Zonal LBMP

| ---        |       | --- Marginal Cost of Losses |       |       |       |       |        |       |       |       |       |       |        |        |        |        |       |       |       |       | --- Marginal Cost of Congestion |        |        |       |
|------------|-------|-----------------------------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|-------|-------|-------|---------------------------------|--------|--------|-------|
| Zonal Data |       | 11/10/2007                  |       |       |       |       |        |       |       |       |       |       |        |        |        |        |       |       |       |       |                                 |        |        |       |
| 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     | 59.37 | 53.45                       | 49.46 | 50.79 | 47.34 | 54.57 | 56.46  | 57.49 | 64.06 | 70.31 | 73.27 | 70.01 | 64.97  | 63.12  | 58.60  | 58.44  | 66.65 | 80.84 | 83.15 | 80.19 | 77.53                           | 65.38  | 59.00  | 53.30 |
| 61757      | 2.12  | 1.56                        | 1.25  | 1.29  | 1.38  | 1.59  | 2.12   | 2.10  | 2.11  | 2.77  | 2.95  | 3.08  | 2.86   | 2.49   | 2.20   | 2.30   | 2.50  | 2.28  | 2.73  | 2.41  | 2.33                            | 2.39   | 2.16   | 1.75  |
|            | 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  |
| CENTRL     | 57.02 | 50.85                       | 47.10 | 48.32 | 44.95 | 52.14 | 54.01  | 54.78 | 61.34 | 66.94 | 69.62 | 66.13 | 61.25  | 59.60  | 55.61  | 55.24  | 63.12 | 77.70 | 79.85 | 77.62 | 74.98                           | 62.48  | 56.21  | 50.57 |
| 61754      | -0.23 | -1.04                       | -1.11 | -1.19 | -1.01 | -0.85 | -0.33  | -0.61 | -0.62 | -0.61 | -0.70 | -0.80 | -0.87  | -1.03  | -0.79  | -0.90  | -1.03 | -0.86 | -0.56 | -0.16 | -0.23                           | -0.50  | -0.63  | -0.98 |
|            | 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  |
| DUNWOD     | 61.15 | 54.54                       | 50.23 | 51.63 | 47.80 | 55.63 | 57.98  | 59.26 | 66.85 | 73.69 | 76.93 | 73.15 | 67.77  | 65.66  | 60.97  | 60.74  | 69.47 | 85.24 | 87.65 | 84.39 | 81.60                           | 68.09  | 60.99  | 54.85 |
| 61760      | 3.89  | 2.65                        | 2.02  | 2.13  | 1.84  | 2.65  | 3.64   | 3.88  | 4.89  | 6.15  | 6.61  | 6.22  | 5.65   | 5.03   | 4.57   | 4.60   | 5.32  | 6.68  | 7.24  | 6.61  | 6.39                            | 5.10   | 4.15   | 3.30  |
|            | 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  |
| GENESE     | 55.71 | 49.14                       | 45.51 | 46.68 | 43.62 | 50.60 | 52.27  | 52.73 | 58.98 | 64.02 | 66.51 | 63.44 | 58.95  | 57.35  | 53.64  | 53.27  | 60.68 | 75.03 | 76.79 | 74.82 | 72.04                           | 60.53  | 54.68  | 48.87 |
| 61753      | -1.55 | -2.75                       | -2.70 | -2.82 | -2.34 | -2.38 | -2.06  | -2.66 | -2.97 | -3.51 | -3.80 | -3.48 | -3.17  | -3.27  | -2.76  | -2.86  | -3.46 | -3.54 | -3.62 | -2.96 | -3.16                           | -2.46  | -2.16  | -2.68 |
|            | 0.00  | 0.00                        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.01  | 0.01  | 0.01  | 0.00   | 0.01   | 0.00   | 0.00   | 0.01  | 0.00  | 0.01  | 0.00  | 0.00                            | 0.00   | 0.00   | 0.00  |
| H Q        | 55.94 | 51.37                       | 47.97 | 49.26 | 45.69 | 52.40 | 53.25  | 54.56 | 60.67 | 65.92 | 68.63 | 65.32 | 60.69  | 59.54  | 55.33  | 55.07  | 62.93 | 76.99 | 78.56 | 76.07 | 73.40                           | 61.53  | 55.76  | 50.88 |
| 61844      | -1.32 | -0.52                       | -0.24 | -0.25 | -0.28 | -0.58 | -1.09  | -1.00 | -1.12 | -1.62 | -1.69 | -1.61 | -1.43  | -1.09  | -1.07  | -1.07  | -1.22 | -1.57 | -1.85 | -1.71 | -1.80                           | -1.45  | -1.08  | -0.67 |
|            | 0.00  | 0.00                        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -0.17 | 0.17  | 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     | 60.80 | 54.33                       | 49.99 | 51.44 | 47.62 | 55.42 | 57.65  | 58.93 | 66.36 | 73.01 | 76.16 | 72.42 | 67.09  | 65.00  | 60.41  | 60.12  | 68.77 | 84.38 | 86.84 | 83.69 | 81.07                           | 67.58  | 60.53  | 54.44 |
| 61758      | 3.55  | 2.44                        | 1.78  | 1.93  | 1.65  | 2.44  | 3.31   | 3.54  | 4.40  | 5.47  | 5.84  | 5.49  | 4.97   | 4.37   | 4.00   | 3.99   | 4.62  | 5.81  | 6.43  | 5.91  | 5.87                            | 4.60   | 3.69   | 2.89  |
|            | 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  |
| LONGIL     | 62.69 | 70.69                       | 56.88 | 60.57 | 49.18 | 67.43 | 79.30  | 60.76 | 68.71 | 77.21 | 80.90 | 80.86 | 80.76  | 79.96  | 79.06  | 79.08  | 80.00 | 87.68 | 90.22 | 86.96 | 84.00                           | 80.71  | 76.03  | 56.55 |
| 61762      | 5.44  | 4.46                        | 3.66  | 3.86  | 3.22  | 4.50  | 5.60   | 5.37  | 6.75  | 8.44  | 8.86  | 8.37  | 7.64   | 6.97   | 6.43   | 6.40   | 7.38  | 9.11  | 9.81  | 9.18  | 8.80                            | 7.18   | 5.97   | 5.00  |
|            | 0.00  | -14.34                      | -5.01 | -7.20 | 0.00  | -9.94 | -19.37 | 0.00  | 0.00  | -1.22 | -1.72 | -5.56 | -11.01 | -12.35 | -16.23 | -16.55 | -8.48 | 0.00  | 0.00  | 0.00  | 0.00                            | -10.55 | -13.22 | 0.00  |
| MHK VL     | 57.83 | 52.15                       | 48.35 | 49.60 | 45.97 | 53.14 | 54.88  | 56.05 | 62.89 | 68.62 | 71.37 | 67.87 | 62.80  | 61.30  | 56.97  | 56.70  | 64.98 | 79.58 | 81.86 | 79.33 | 76.63                           | 63.87  | 57.35  | 51.91 |
| 61756      | 0.57  | 0.26                        | 0.14  | 0.10  | 0.00  | 0.16  | 0.54   | 0.66  | 0.93  | 1.08  | 1.05  | 0.94  | 0.68   | 0.67   | 0.56   | 0.56   | 0.83  | 1.02  | 1.45  | 1.56  | 1.43                            | 0.88   | 0.51   | 0.36  |
|            | 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  |
| MILLWD     | 61.09 | 54.49                       | 50.14 | 51.58 | 47.76 | 55.58 | 57.87  | 59.15 | 66.79 | 73.62 | 76.79 | 73.02 | 67.64  | 65.54  | 60.80  | 60.57  | 69.41 | 85.16 | 87.57 | 84.31 | 81.44                           | 67.83  | 60.82  | 54.59 |
| 61759      | 3.84  | 2.59                        | 1.93  | 2.08  | 1.79  | 2.60  | 3.53   | 3.77  | 4.83  | 6.08  | 6.47  | 6.09  | 5.53   | 4.91   | 4.40   | 4.43   | 5.26  | 6.60  | 7.16  | 6.53  | 6.24                            | 4.85   | 3.98   | 3.04  |
|            | 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  |
| N.Y.C.     | 61.72 | 55.01                       | 50.62 | 52.08 | 48.17 | 56.06 | 58.47  | 59.71 | 67.41 | 74.43 | 77.49 | 73.76 | 68.33  | 66.27  | 61.59  | 61.36  | 70.06 | 86.69 | 89.03 | 85.97 | 82.28                           | 68.69  | 61.62  | 55.42 |
| 61761      | 4.47  | 3.11                        | 2.41  | 2.57  | 2.21  | 3.07  | 4.13   | 4.32  | 5.45  | 6.89  | 7.17  | 6.83  | 6.21   | 5.64   | 5.19   | 5.22   | 5.90  | 7.38  | 8.12  | 7.39  | 7.07                            | 5.67   | 4.77   | 3.87  |
|            | 0.00  | 0.00                        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | -0.01 | -0.01  | 0.00   | 0.00   | 0.00   | -0.01 | -0.74 | -0.49 | -0.81 | -0.01                           | -0.04  | 0.00   | 0.00  |
| NORTH      | 55.42 | 51.06                       | 47.73 | 49.01 | 45.37 | 51.82 | 52.76  | 54.17 | 60.59 | 65.58 | 68.21 | 64.92 | 60.31  | 59.24  | 55.05  | 54.84  | 62.67 | 76.52 | 78.24 | 75.76 | 72.80                           | 60.97  | 55.19  | 50.31 |
| 61755      | -1.83 | -0.83                       | -0.48 | -0.50 | -0.60 | -1.17 | -1.58  | -1.22 | -1.36 | -1.96 | -2.11 | -2.01 | -1.80  | -1.39  | -1.35  | -1.29  | -1.48 | -2.04 | -2.17 | -2.02 | -2.41                           | -2.02  | -1.65  | -1.24 |
|            | 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        | 59.54 | 53.50                       | 49.46 | 50.84 | 47.25 | 54.68 | 56.62  | 57.94 | 64.33 | 70.79 | 73.69 | 70.48 | 65.47  | 63.48  | 59.00  | 58.77  | 67.10 | 81.78 | 83.95 | 78.40 | 77.52                           | 66.22  | 59.22  | 53.46 |
| 61845      | 2.29  | 1.61                        | 1.25  | 1.34  | 1.29  | 1.70  | 2.28   | 2.38  | 2.54  | 3.24  | 3.38  | 3.55  | 3.35   | 2.85   | 2.59   | 2.64   | 2.95  | 3.22  | 3.54  | 2.80  | 2.78                            | 2.77   | 2.39   | 1.91  |
|            | 0.00  | 0.00                        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -0.17 | 0.17  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 2.18  | 0.47                            | -0.47  | 0.00   | 0.00  |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| H<br>61846    | 53.99 | 47.32 | 43.87 | 45.00 | 42.20 | 48.90 | 50.37 | 49.96 | 54.91 | 59.36 | 61.52 | 58.82 | 54.91 | 53.47 | 50.42 | 50.02 | 56.64 | 70.00 | 71.48 | 70.00 | 67.08  | 57.00 | 52.12 | 46.50 |
|               | -3.26 | -4.57 | -4.34 | -4.50 | -3.77 | -4.08 | -3.97 | -5.59 | -6.88 | -8.17 | -8.79 | -8.10 | -7.21 | -7.15 | -5.98 | -6.12 | -7.51 | -8.56 | -8.93 | -7.78 | -8.12  | -5.98 | -4.72 | -5.05 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.17 | 0.17  | 0.01  | 0.01  | 0.01  | 0.00  | 0.01  | 0.00  | 0.00  | 0.01  | 0.00  | 0.01  | 0.00  | 0.00   | 0.00  | 0.00  |       |
| PJM<br>61847  | 50.27 | 46.96 | 45.25 | 45.00 | 45.00 | 48.48 | 51.46 | 56.00 | 60.36 | 68.82 | 71.72 | 68.00 | 62.99 | 60.87 | 56.74 | 56.36 | 64.28 | 79.27 | 81.62 | 79.18 | 64.95  | 62.18 | 57.07 | 46.86 |
|               | -4.81 | -4.93 | -1.06 | -1.04 | -0.97 | -0.48 | -6.90 | 0.44  | -1.42 | 1.28  | 1.41  | 1.07  | 0.87  | 0.24  | 0.34  | 0.22  | 0.13  | 0.71  | 1.21  | 1.40  | -11.88 | 0.82  | 0.23  | -4.69 |
|               | 2.17  | 0.00  | 1.90  | 3.47  | 0.00  | 4.02  | -4.02 | -0.17 | 0.17  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -1.63  | 1.62  | 0.00  | 0.00  |
| WEST<br>61752 | 53.99 | 47.22 | 43.68 | 44.80 | 41.97 | 48.75 | 50.37 | 50.13 | 55.51 | 59.84 | 62.16 | 59.23 | 55.10 | 53.59 | 50.54 | 50.13 | 56.70 | 70.24 | 71.80 | 70.62 | 67.68  | 57.19 | 52.01 | 46.34 |
|               | -3.26 | -4.67 | -4.53 | -4.70 | -4.00 | -4.24 | -3.97 | -5.26 | -6.44 | -7.70 | -8.16 | -7.70 | -7.02 | -7.03 | -5.87 | -6.01 | -7.44 | -8.33 | -8.60 | -7.16 | -7.52  | -5.79 | -4.83 | -5.21 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.01  | 0.01  | 0.00  | 0.01  | 0.00  | 0.00  | 0.01  | 0.00  | 0.01  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  |