

# Day Ahead Market Zonal LBMP

|            |  | --- LBMP \$ |        |        |        |        |       |       |       |       |       | --- Marginal Cost of Losses |       |       |       |        |        |        |        |       |       | --- Marginal Cost of Congestion |        |        |            |  |  |  |  |  |  |  |  |  |
|------------|--|-------------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-----------------------------|-------|-------|-------|--------|--------|--------|--------|-------|-------|---------------------------------|--------|--------|------------|--|--|--|--|--|--|--|--|--|
| Zonal Data |  |             |        |        |        |        |       |       |       |       |       |                             |       |       |       |        |        |        |        |       |       |                                 |        |        | 03/24/2005 |  |  |  |  |  |  |  |  |  |
| 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     |  | 54.69       | 51.37  | 49.39  | 49.09  | 51.10  | 63.08 | 69.66 | 76.90 | 79.76 | 84.23 | 82.92                       | 81.66 | 76.89 | 73.27 | 64.40  | 65.39  | 65.50  | 72.61  | 89.87 | 86.42 | 79.72                           | 70.83  | 62.87  | 59.73      |  |  |  |  |  |  |  |  |  |
| 61757      |  | 2.50        | 2.21   | 2.04   | 2.11   | 2.11   | 3.12  | 4.37  | 5.23  | 5.50  | 5.80  | 5.93                        | 5.77  | 5.43  | 5.36  | 4.38   | 4.56   | 4.40   | 5.00   | 6.11  | 5.73  | 5.42                            | 4.63   | 3.95   | 3.01       |  |  |  |  |  |  |  |  |  |
|            |  | 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     |  | 50.62       | 47.68  | 46.03  | 45.57  | 47.58  | 58.82 | 64.83 | 71.17 | 73.89 | 77.95 | 76.53                       | 75.37 | 70.55 | 66.95 | 59.06  | 59.79  | 59.94  | 66.37  | 83.17 | 80.29 | 73.78                           | 65.45  | 57.57  | 55.19      |  |  |  |  |  |  |  |  |  |
| 61754      |  | -1.57       | -1.47  | -1.33  | -1.41  | -1.42  | -1.14 | -0.46 | -0.50 | -0.37 | -0.47 | -0.46                       | -0.53 | -0.86 | -0.95 | -0.96  | -1.03  | -1.16  | -1.22  | -0.59 | -0.40 | -0.52                           | -0.73  | -1.36  | -1.53      |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                        | 0.00  | 0.05  | 0.00  | 0.00   | 0.00   | 0.00   | 0.02   | 0.00  | 0.00  | 0.00                            | 0.02   | 0.00   | 0.00       |  |  |  |  |  |  |  |  |  |
| DUNWOD     |  | 56.04       | 52.50  | 50.44  | 50.17  | 52.13  | 64.40 | 71.42 | 79.79 | 82.73 | 87.52 | 85.93                       | 84.70 | 79.72 | 75.81 | 67.63  | 67.90  | 68.30  | 75.63  | 93.64 | 90.13 | 82.85                           | 73.73  | 65.17  | 61.77      |  |  |  |  |  |  |  |  |  |
| 61760      |  | 3.86        | 3.34   | 3.08   | 3.19   | 3.14   | 4.44  | 6.14  | 8.10  | 8.47  | 9.10  | 8.93                        | 8.80  | 8.29  | 7.88  | 6.42   | 7.00   | 6.97   | 7.91   | 9.88  | 9.44  | 8.54                            | 7.48   | 6.25   | 5.05       |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | -0.02 | 0.00  | 0.00  | 0.00                        | 0.00  | 0.03  | -0.03 | -1.19  | -0.07  | -0.24  | -0.12  | 0.00  | 0.00  | 0.00                            | -0.05  | 0.00   | 0.00       |  |  |  |  |  |  |  |  |  |
| GENESE     |  | 50.93       | 48.02  | 46.60  | 45.85  | 48.16  | 59.36 | 64.70 | 70.38 | 73.60 | 77.40 | 76.07                       | 74.91 | 70.64 | 66.62 | 58.88  | 59.49  | 59.82  | 66.54  | 82.92 | 79.72 | 73.19                           | 65.19  | 57.39  | 55.53      |  |  |  |  |  |  |  |  |  |
| 61753      |  | -1.25       | -1.13  | -0.76  | -1.13  | -0.83  | -0.60 | -0.59 | -1.29 | -0.67 | -1.02 | -0.92                       | -0.99 | -1.07 | -1.29 | -1.14  | -1.34  | -1.28  | -1.15  | -0.84 | -0.97 | -1.11                           | -1.13  | -1.53  | -1.19      |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                        | 0.00  | -0.25 | 0.00  | 0.00   | 0.00   | 0.00   | -0.08  | 0.00  | 0.00  | 0.00                            | -0.12  | 0.00   | 0.00       |  |  |  |  |  |  |  |  |  |
| H Q        |  | 51.77       | 48.86  | 47.07  | 46.70  | 48.75  | 61.42 | 61.42 | 69.67 | 72.19 | 76.23 | 74.76                       | 73.77 | 69.46 | 66.07 | 58.70  | 59.31  | 59.63  | 65.78  | 81.41 | 78.43 | 72.22                           | 64.41  | 52.13  | 61.42      |  |  |  |  |  |  |  |  |  |
| 61844      |  | -0.42       | -0.29  | -0.28  | -0.28  | -0.24  | -0.84 | -1.57 | -2.01 | -2.08 | -2.20 | -2.23                       | -2.13 | -2.00 | -1.83 | -1.32  | -1.52  | -1.47  | -1.83  | -2.35 | -2.26 | -2.08                           | -1.79  | -1.36  | -0.74      |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | -2.30 | 2.30  | 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                            | 5.44   | -5.44  |            |  |  |  |  |  |  |  |  |  |
| HUD VL     |  | 55.47       | 52.01  | 50.01  | 49.66  | 51.74  | 63.80 | 70.71 | 78.87 | 82.14 | 86.89 | 85.54                       | 84.32 | 79.26 | 75.22 | 65.14  | 67.20  | 66.86  | 74.46  | 92.89 | 89.24 | 82.10                           | 72.71  | 64.52  | 61.03      |  |  |  |  |  |  |  |  |  |
| 61758      |  | 3.29        | 2.85   | 2.65   | 2.68   | 2.74   | 3.84  | 5.42  | 7.24  | 7.87  | 8.47  | 8.55                        | 8.42  | 7.86  | 7.40  | 6.00   | 6.57   | 6.29   | 7.17   | 9.13  | 8.55  | 7.80                            | 6.69   | 5.60   | 4.31       |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.04  | 0.00  | 0.00  | 0.00                        | 0.00  | 0.06  | 0.09  | 0.88   | 0.20   | 0.53   | 0.31   | 0.00  | 0.00  | 0.00                            | 0.17   | 0.00   | 0.00       |  |  |  |  |  |  |  |  |  |
| LONGIL     |  | 71.70       | 69.77  | 68.73  | 68.44  | 66.83  | 70.00 | 77.07 | 85.18 | 89.77 | 93.13 | 90.68                       | 87.79 | 82.38 | 81.02 | 85.96  | 79.55  | 82.45  | 87.81  | 96.41 | 95.40 | 95.00                           | 87.87  | 80.00  | 75.38      |  |  |  |  |  |  |  |  |  |
| 61762      |  | 5.64        | 5.06   | 4.78   | 4.89   | 4.85   | 6.36  | 8.29  | 10.39 | 10.55 | 11.29 | 10.78                       | 10.55 | 10.22 | 9.85  | 7.50   | 8.70   | 8.74   | 9.73   | 12.65 | 11.94 | 10.63                           | 9.27   | 7.90   | 6.69       |  |  |  |  |  |  |  |  |  |
|            |  | -13.88      | -15.55 | -16.59 | -16.57 | -12.98 | -3.68 | -3.49 | -3.12 | -4.96 | -3.41 | -2.91                       | -1.35 | -0.71 | -3.26 | -18.44 | -10.02 | -12.62 | -10.47 | 0.00  | -2.77 | -10.07                          | -12.40 | -13.18 | -11.96     |  |  |  |  |  |  |  |  |  |
| MHK VL     |  | 52.65       | 49.55  | 47.69  | 47.31  | 49.49  | 60.80 | 66.46 | 73.03 | 75.75 | 79.99 | 78.53                       | 77.34 | 72.67 | 68.99 | 60.98  | 61.74  | 62.01  | 68.55  | 85.43 | 82.30 | 75.79                           | 67.12  | 58.69  | 56.38      |  |  |  |  |  |  |  |  |  |
| 61756      |  | 0.47        | 0.39   | 0.33   | 0.33   | 0.49   | 0.84  | 1.18  | 1.36  | 1.49  | 1.57  | 1.54                        | 1.44  | 1.21  | 1.09  | 0.96   | 0.91   | 0.92   | 0.95   | 1.68  | 1.61  | 1.49                            | 0.93   | -0.24  | -0.34      |  |  |  |  |  |  |  |  |  |
|            |  | 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     |  | 55.94       | 52.40  | 50.39  | 50.03  | 52.08  | 64.34 | 71.36 | 79.84 | 82.88 | 87.60 | 86.08                       | 84.85 | 79.81 | 75.75 | 64.18  | 67.56  | 67.13  | 75.04  | 93.72 | 90.29 | 82.99                           | 73.42  | 65.29  | 61.77      |  |  |  |  |  |  |  |  |  |
| 61759      |  | 3.76        | 3.24   | 3.03   | 3.05   | 3.09   | 4.38  | 6.07  | 8.24  | 8.61  | 9.18  | 9.09                        | 8.96  | 8.43  | 8.01  | 6.42   | 7.12   | 7.09   | 8.04   | 9.97  | 9.60  | 8.69                            | 7.55   | 6.36   | 5.05       |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.07  | 0.00  | 0.00  | 0.00                        | 0.00  | 0.08  | 0.17  | 2.26   | 0.38   | 1.06   | 0.61   | 0.00  | 0.00  | 0.00                            | 0.32   | 0.00   | 0.00       |  |  |  |  |  |  |  |  |  |
| N.Y.C.     |  | 57.61       | 53.88  | 51.76  | 51.44  | 53.51  | 66.02 | 73.45 | 83.03 | 85.56 | 90.52 | 88.94                       | 87.60 | 84.01 | 83.85 | 91.47  | 82.90  | 83.44  | 85.42  | 97.09 | 93.36 | 85.74                           | 78.67  | 67.36  | 63.82      |  |  |  |  |  |  |  |  |  |
| 61761      |  | 5.43        | 4.72   | 4.40   | 4.46   | 4.51   | 6.06  | 8.16  | 10.75 | 11.29 | 12.08 | 11.93                       | 11.69 | 11.00 | 10.46 | 8.46   | 9.19   | 9.23   | 10.48  | 13.32 | 12.67 | 11.44                           | 10.06  | 8.43   | 7.09       |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | -0.60 | -0.01 | -0.02 | -0.02                       | -0.02 | -1.54 | -5.49 | -23.00 | -12.89 | -13.11 | -7.34  | -0.02 | 0.00  | 0.00                            | -2.41  | 0.00   | -0.01      |  |  |  |  |  |  |  |  |  |
| NORTH      |  | 51.82       | 49.01  | 47.17  | 46.74  | 48.85  | 59.24 | 63.59 | 69.31 | 71.81 | 75.76 | 74.22                       | 73.24 | 68.89 | 65.53 | 58.40  | 58.82  | 59.20  | 65.30  | 80.91 | 78.03 | 71.92                           | 63.88  | 57.16  | 55.87      |  |  |  |  |  |  |  |  |  |
| 61755      |  | -0.37       | -0.15  | -0.19  | -0.23  | -0.15  | -0.72 | -1.70 | -2.37 | -2.45 | -2.67 | -2.77                       | -2.66 | -2.57 | -2.38 | -1.62  | -2.01  | -1.89  | -2.30  | -2.85 | -2.66 | -2.38                           | -2.32  | -1.77  | -0.85      |  |  |  |  |  |  |  |  |  |
|            |  | 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        |  | 54.74       | 51.37  | 49.39  | 49.05  | 51.10  | 63.02 | 69.60 | 77.19 | 79.91 | 84.46 | 83.00                       | 81.82 | 77.00 | 73.34 | 64.34  | 65.57  | 65.80  | 73.00  | 90.29 | 86.82 | 80.02                           | 71.15  | 62.88  | 60.24      |  |  |  |  |  |  |  |  |  |
| 61845      |  | 2.56        | 2.21   | 2.04   | 2.07   | 2.11   | 3.06  | 4.31  | 5.52  | 5.64  | 6.04  | 6.01                        | 5.92  | 5.57  | 5.43  | 4.32   | 4.74   | 4.70   | 5.41   | 6.53  | 6.13  | 5.72                            | 4.96   | 4.18   | 3.29       |  |  |  |  |  |  |  |  |  |
|            |  | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                        | 0.00  | 0.03  | 0.00  | 0.00   | 0.00   | 0.00   | 0.01   | 0.00  | 0.00  | 0.00                            | 0.02   | 0.23   | -0.23      |  |  |  |  |  |  |  |  |  |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH<br>61846   | 46.49 | 43.99 | 43.00 | 42.00 | 44.00 | 54.38 | 58.37 | 63.00 | 65.87 | 69.40 | 68.29 | 67.24 | 60.60 | 59.82 | 52.69 | 53.53 | 53.76 | 58.86 | 74.71 | 71.65 | 65.76 | 57.52 | 51.63 | 50.99 |
|               | -5.69 | -5.16 | -4.36 | -4.98 | -5.00 | -5.58 | -6.92 | -8.67 | -8.39 | -9.02 | -8.70 | -8.65 | -8.00 | -8.08 | -7.32 | -7.30 | -7.33 | -7.77 | -9.05 | -9.04 | -8.54 | -7.35 | -7.07 | -5.96 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 2.85  | 0.00  | 0.00  | 0.00  | 0.00  | 0.97  | 0.00  | 0.00  | 0.00  | 1.33  | 0.23  | -0.23 |
| PJM<br>61847  | 45.66 | 42.91 | 41.63 | 41.11 | 42.78 | 52.55 | 62.52 | 67.87 | 70.55 | 74.42 | 72.68 | 71.64 | 64.64 | 62.34 | 54.97 | 55.17 | 55.17 | 58.32 | 81.33 | 76.66 | 70.44 | 61.42 | 52.00 | 50.31 |
|               | -6.52 | -6.24 | -5.73 | -5.87 | -6.22 | -5.94 | -4.24 | -3.80 | -3.71 | -4.00 | -4.31 | -4.25 | -5.50 | -5.57 | -5.04 | -5.66 | -5.93 | -6.49 | -4.77 | -4.03 | -3.86 | -4.50 | -6.36 | -6.64 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 1.47  | -1.47 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 1.32  | 0.00  | 0.00  | 0.00  | 0.00  | 2.79  | -2.34 | 0.00  | 0.00  | 0.28  | 0.56  | -0.23 |
| WEST<br>61752 | 46.86 | 44.29 | 43.24 | 42.33 | 44.10 | 54.86 | 59.67 | 65.01 | 67.88 | 71.60 | 70.29 | 69.29 | 62.30 | 61.18 | 53.95 | 54.50 | 54.74 | 60.08 | 76.80 | 73.83 | 67.76 | 59.00 | 52.56 | 51.11 |
|               | -5.32 | -4.87 | -4.12 | -4.65 | -4.90 | -5.10 | -5.61 | -6.67 | -6.39 | -6.82 | -6.70 | -6.60 | -6.50 | -6.72 | -6.06 | -6.33 | -6.35 | -6.63 | -6.95 | -6.86 | -6.54 | -5.96 | -6.36 | -5.62 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 2.66  | 0.00  | 0.00  | 0.00  | 0.00  | 0.90  | 0.00  | 0.00  | 0.00  | 1.24  | 0.00  | 0.00  |