

# Day Ahead Market Zonal LBMP

|            |  | --- LBMP \$ |       |       |       |       | --- Marginal Cost of Losses |       |        |        |        |        |        |        |        |        | --- Marginal Cost of Congestion |        |        |        |        |        |        |        |       |  |  |  |  |
|------------|--|-------------|-------|-------|-------|-------|-----------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------------------|--------|--------|--------|--------|--------|--------|--------|-------|--|--|--|--|
| Zonal Data |  | 03/13/2023  |       |       |       |       |                             |       |        |        |        |        |        |        |        |        |                                 |        |        |        |        |        |        |        |       |  |  |  |  |
| 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     |  | 28.53       | 26.99 | 26.12 | 26.09 | 26.24 | 30.06                       | 37.09 | 48.72  | 55.46  | 50.65  | 45.81  | 45.39  | 42.32  | 42.26  | 40.00  | 40.70                           | 43.87  | 51.76  | 57.19  | 56.40  | 48.32  | 39.70  | 33.99  | 32.84 |  |  |  |  |
| 61757      |  | 1.43        | 1.39  | 1.39  | 1.36  | 1.41  | 1.50                        | 1.79  | 2.02   | 1.91   | 1.84   | 1.74   | 1.70   | 1.73   | 1.68   | 1.54   | 1.46                            | 1.53   | 1.63   | 1.68   | 1.71   | 1.78   | 1.61   | 1.59   | 1.46  |  |  |  |  |
|            |  | -2.44       | -1.19 | -0.38 | -0.89 | -0.94 | -3.89                       | -7.68 | -17.46 | -27.10 | -22.94 | -19.15 | -18.70 | -15.52 | -15.92 | -15.17 | -17.10                          | -19.49 | -25.11 | -30.86 | -29.90 | -21.04 | -13.38 | -7.53  | -6.67 |  |  |  |  |
| CENTRL     |  | 25.57       | 25.04 | 24.87 | 24.37 | 24.52 | 25.85                       | 29.84 | 32.92  | 31.37  | 30.13  | 28.51  | 28.38  | 27.93  | 27.44  | 25.94  | 25.10                           | 26.24  | 29.43  | 29.87  | 29.93  | 29.48  | 27.41  | 26.71  | 26.24 |  |  |  |  |
| 61754      |  | 0.52        | 0.44  | 0.46  | 0.38  | 0.48  | 0.57                        | 0.99  | 0.99   | 0.71   | 0.70   | 0.62   | 0.63   | 0.58   | 0.44   | 0.42   | 0.44                            | 0.46   | 0.63   | 0.57   | 0.64   | 0.82   | 0.62   | 0.67   | 0.49  |  |  |  |  |
|            |  | -0.39       | -0.19 | -0.06 | -0.14 | -0.15 | -0.63                       | -1.24 | -2.69  | -4.21  | -3.56  | -2.97  | -2.76  | -2.28  | -2.34  | -2.23  | -2.51                           | -2.93  | -3.78  | -4.64  | -4.50  | -3.17  | -2.08  | -1.17  | -1.04 |  |  |  |  |
| DUNWOD     |  | 28.27       | 26.99 | 26.29 | 26.14 | 26.22 | 29.22                       | 35.44 | 45.15  | 49.74  | 45.95  | 41.90  | 41.73  | 39.34  | 39.18  | 37.09  | 37.39                           | 39.95  | 46.84  | 50.86  | 50.32  | 44.15  | 37.00  | 32.60  | 31.64 |  |  |  |  |
| 61760      |  | 1.78        | 1.68  | 1.66  | 1.62  | 1.63  | 1.63                        | 2.04  | 2.19   | 2.04   | 2.09   | 1.97   | 2.02   | 2.06   | 2.00   | 1.86   | 1.79                            | 1.78   | 2.08   | 1.95   | 2.03   | 2.12   | 1.80   | 1.84   | 1.70  |  |  |  |  |
|            |  | -1.84       | -0.90 | -0.29 | -0.67 | -0.71 | -2.93                       | -5.79 | -13.71 | -21.25 | -17.98 | -15.01 | -14.71 | -12.21 | -12.53 | -11.94 | -13.46                          | -15.32 | -19.74 | -24.25 | -23.50 | -16.54 | -10.49 | -5.90  | -5.22 |  |  |  |  |
| GENESE     |  | 25.13       | 24.61 | 24.47 | 23.98 | 24.17 | 25.38                       | 29.33 | 32.02  | 29.87  | 28.77  | 27.42  | 27.48  | 27.15  | 26.60  | 25.14  | 24.23                           | 25.22  | 28.21  | 28.43  | 28.60  | 28.37  | 26.50  | 26.14  | 25.59 |  |  |  |  |
| 61753      |  | 0.17        | 0.05  | 0.07  | 0.02  | 0.17  | 0.25                        | 0.77  | 0.73   | 0.26   | 0.23   | 0.27   | 0.32   | 0.28   | 0.10   | 0.09   | 0.11                            | 0.11   | 0.28   | 0.20   | 0.35   | 0.43   | 0.22   | 0.40   | 0.10  |  |  |  |  |
|            |  | -0.30       | -0.15 | -0.05 | -0.11 | -0.12 | -0.48                       | -0.94 | -2.04  | -3.15  | -2.66  | -2.22  | -2.17  | -1.80  | -1.84  | -1.76  | -1.98                           | -2.26  | -2.91  | -3.58  | -3.47  | -2.44  | -1.56  | -0.88  | -0.78 |  |  |  |  |
| H Q        |  | 24.07       | 23.85 | 23.79 | 23.34 | 23.34 | 24.07                       | 24.34 | 22.34  | 22.34  | 22.34  | 22.34  | 22.34  | 22.34  | 22.34  | 22.34  | 21.57                           | 22.28  | 22.34  | 22.34  | 22.34  | 22.34  | 22.34  | 22.34  | 24.14 |  |  |  |  |
| 61844      |  | -0.59       | -0.56 | -0.56 | -0.50 | -0.55 | -0.59                       | -0.91 | -0.91  | -0.71  | -0.75  | -0.70  | -0.70  | -0.73  | -0.64  | -0.58  | -0.58                           | -0.57  | -0.67  | -0.62  | -0.67  | -0.79  | -0.67  | -0.70  | -0.57 |  |  |  |  |
|            |  | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00                        | 2.36  | 5.99   | 3.40   | 2.78   | 1.88   | 1.95   | 2.01   | 1.68   | 0.36   | 0.00                            | 0.00   | 2.01   | 1.70   | 1.78   | 2.37   | 1.71   | 1.83   | 0.00  |  |  |  |  |
| HUD VL     |  | 28.15       | 26.91 | 26.21 | 26.03 | 26.12 | 29.11                       | 35.23 | 45.13  | 49.59  | 45.79  | 41.75  | 41.50  | 39.15  | 39.02  | 36.93  | 37.21                           | 39.78  | 46.58  | 50.58  | 50.00  | 43.87  | 36.83  | 32.47  | 31.54 |  |  |  |  |
| 61758      |  | 1.68        | 1.61  | 1.58  | 1.53  | 1.53  | 1.55                        | 1.90  | 2.22   | 1.99   | 2.02   | 1.89   | 1.92   | 1.96   | 1.92   | 1.79   | 1.71                            | 1.76   | 2.00   | 1.90   | 1.93   | 1.99   | 1.73   | 1.77   | 1.66  |  |  |  |  |
|            |  | -1.81       | -0.89 | -0.28 | -0.67 | -0.70 | -2.90                       | -5.72 | -13.67 | -21.15 | -17.90 | -14.94 | -14.58 | -12.12 | -12.44 | -11.86 | -13.36                          | -15.17 | -19.55 | -24.02 | -23.28 | -16.38 | -10.39 | -5.84  | -5.18 |  |  |  |  |
| LONGIL     |  | 30.96       | 28.77 | 26.85 | 26.61 | 26.77 | 30.15                       | 38.93 | 45.80  | 50.64  | 51.84  | 55.25  | 45.55  | 43.12  | 41.47  | 40.65  | 40.66                           | 42.56  | 47.81  | 56.49  | 60.20  | 50.61  | 41.98  | 38.39  | 36.16 |  |  |  |  |
| 61762      |  | 2.37        | 2.29  | 2.22  | 2.10  | 2.17  | 2.22                        | 2.73  | 2.84   | 2.62   | 2.72   | 2.47   | 2.52   | 2.56   | 2.47   | 2.28   | 2.19                            | 2.19   | 2.55   | 2.44   | 2.48   | 2.63   | 2.27   | 2.41   | 2.27  |  |  |  |  |
|            |  | -3.94       | -2.06 | -0.29 | -0.67 | -0.71 | -3.27                       | -8.59 | -13.72 | -21.57 | -23.25 | -27.86 | -18.04 | -15.49 | -14.34 | -15.08 | -16.33                          | -17.52 | -20.23 | -29.39 | -32.93 | -22.49 | -15.00 | -11.11 | -9.18 |  |  |  |  |
| MHK VL     |  | 26.03       | 25.61 | 25.41 | 24.90 | 24.96 | 26.23                       | 30.04 | 33.37  | 32.00  | 30.68  | 28.92  | 28.92  | 28.35  | 27.96  | 26.45  | 25.52                           | 26.57  | 29.75  | 30.28  | 30.30  | 29.78  | 27.79  | 26.98  | 26.67 |  |  |  |  |
| 61756      |  | 0.96        | 1.00  | 1.00  | 0.91  | 0.91  | 0.91                        | 1.13  | 1.35   | 1.22   | 1.14   | 0.95   | 0.93   | 0.90   | 0.86   | 0.84   | 0.75                            | 0.80   | 0.95   | 0.99   | 1.02   | 1.12   | 1.04   | 0.97   | 0.94  |  |  |  |  |
|            |  | -0.41       | -0.20 | -0.06 | -0.15 | -0.16 | -0.66                       | -1.30 | -2.78  | -4.33  | -3.67  | -3.06  | -3.00  | -2.38  | -2.44  | -2.32  | -2.62                           | -2.93  | -3.77  | -4.63  | -4.49  | -3.16  | -2.04  | -1.15  | -1.02 |  |  |  |  |
| MILLWD     |  | 28.20       | 26.95 | 26.24 | 26.07 | 26.13 | 29.16                       | 35.33 | 45.16  | 49.80  | 46.03  | 41.99  | 41.79  | 39.41  | 39.26  | 37.14  | 37.40                           | 40.01  | 46.89  | 50.92  | 50.38  | 44.13  | 36.98  | 32.55  | 31.61 |  |  |  |  |
| 61759      |  | 1.70        | 1.64  | 1.61  | 1.55  | 1.53  | 1.55                        | 1.90  | 2.16   | 2.01   | 2.09   | 1.99   | 2.02   | 2.08   | 2.02   | 1.86   | 1.75                            | 1.78   | 2.05   | 1.92   | 2.01   | 2.04   | 1.75   | 1.77   | 1.66  |  |  |  |  |
|            |  | -1.84       | -0.90 | -0.29 | -0.68 | -0.71 | -2.95                       | -5.81 | -13.76 | -21.34 | -18.06 | -15.07 | -14.77 | -12.26 | -12.58 | -11.99 | -13.51                          | -15.37 | -19.81 | -24.34 | -23.58 | -16.59 | -10.52 | -5.92  | -5.24 |  |  |  |  |
| N.Y.C.     |  | 28.27       | 26.97 | 26.22 | 26.06 | 26.15 | 29.12                       | 35.39 | 45.09  | 49.72  | 45.98  | 41.90  | 41.73  | 39.37  | 39.21  | 37.14  | 37.46                           | 39.98  | 46.82  | 50.85  | 50.26  | 44.13  | 36.93  | 32.63  | 31.67 |  |  |  |  |
| 61761      |  | 1.78        | 1.66  | 1.58  | 1.55  | 1.55  | 1.53                        | 1.99  | 2.13   | 2.01   | 2.12   | 1.97   | 2.02   | 2.08   | 2.02   | 1.91   | 1.86                            | 1.80   | 2.05   | 1.92   | 1.96   | 2.09   | 1.73   | 1.87   | 1.73  |  |  |  |  |
|            |  | -1.84       | -0.90 | -0.29 | -0.67 | -0.71 | -2.94                       | -5.79 | -13.72 | -21.26 | -17.99 | -15.02 | -14.71 | -12.21 | -12.53 | -11.95 | -13.46                          | -15.33 | -19.74 | -24.26 | -23.51 | -16.54 | -10.49 | -5.90  | -5.23 |  |  |  |  |
| NORTH      |  | 23.94       | 23.78 | 23.74 | 23.25 | 23.24 | 23.94                       | 26.34 | 28.10  | 25.71  | 24.97  | 24.19  | 24.19  | 24.22  | 24.04  | 22.73  | 21.59                           | 22.32  | 24.30  | 24.12  | 24.09  | 24.43  | 23.97  | 24.04  | 24.05 |  |  |  |  |
| 61755      |  | -0.72       | -0.63 | -0.61 | -0.60 | -0.64 | -0.72                       | -1.27 | -1.14  | -0.74  | -0.91  | -0.72  | -0.80  | -0.85  | -0.62  | -0.56  | -0.55                           | -0.52  | -0.73  | -0.54  | -0.69  | -1.07  | -0.74  | -0.82  | -0.67 |  |  |  |  |
|            |  | 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        |  | 28.30       | 27.03 | 26.28 | 26.19 | 26.28 | 29.63                       | 38.13 | 45.90  | 50.21  | 45.00  | 43.20  | 42.96  | 40.25  | 40.15  | 38.01  | 38.56                           | 41.36  | 48.71  | 53.56  | 52.85  | 45.68  | 38.03  | 32.97  | 31.98 |  |  |  |  |
| 61845      |  | 1.53        | 1.59  | 1.61  | 1.57  | 1.58  | 1.60                        | 1.74  | 1.75   | 1.45   | 1.45   | 1.37   | 1.40   | 1.43   | 1.38   | 1.28   | 1.26                            | 1.26   | 1.45   | 1.58   | 1.59   | 1.56   | 1.51   | 1.47   | 1.38  |  |  |  |  |
|            |  | -2.11       | -1.03 | -0.33 | -0.77 | -0.82 | -3.37                       | -8.78 | -14.90 | -22.30 | -17.68 | -16.91 | -16.57 | -13.75 | -14.11 | -13.45 | -15.16                          | -17.26 | -22.23 | -27.32 | -26.47 | -18.63 | -11.81 | -6.64  | -5.88 |  |  |  |  |

|               |       |       |       |       |       |       |       |       |        |        |       |       |       |       |       |       |       |        |        |        |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|
| O H<br>61846  | 24.72 | 24.15 | 24.04 | 23.52 | 23.77 | 25.04 | 31.04 | 30.98 | 27.93  | 28.42  | 26.98 | 27.08 | 26.66 | 26.09 | 24.71 | 23.93 | 24.86 | 27.88  | 28.22  | 28.41  | 28.00 | 25.93 | 25.66 | 25.02 |
|               | -0.29 | -0.44 | -0.36 | -0.45 | -0.26 | -0.20 | 0.17  | -0.20 | -0.66  | -0.65  | -0.60 | -0.53 | -0.58 | -0.79 | -0.70 | -0.60 | -0.71 | -0.65  | -0.74  | -0.55  | -0.43 | -0.64 | -0.25 | -0.62 |
|               | -0.36 | -0.18 | -0.06 | -0.13 | -0.14 | -0.58 | -3.26 | -1.94 | -2.14  | -3.19  | -2.66 | -2.61 | -2.17 | -2.22 | -2.12 | -2.39 | -2.72 | -3.50  | -4.30  | -4.17  | -2.93 | -1.86 | -1.05 | -0.93 |
| PJM<br>61847  | 26.29 | 25.40 | 25.01 | 24.63 | 24.80 | 26.96 | 34.24 | 37.87 | 38.10  | 37.21  | 34.48 | 34.40 | 32.99 | 32.65 | 30.90 | 30.67 | 32.48 | 37.45  | 39.70  | 39.50  | 36.19 | 31.51 | 29.07 | 28.28 |
|               | 0.52  | 0.44  | 0.49  | 0.38  | 0.48  | 0.52  | 0.99  | 0.91  | 0.56   | 0.57   | 0.57  | 0.60  | 0.60  | 0.49  | 0.47  | 0.47  | 0.46  | 0.60   | 0.52   | 0.64   | 0.79  | 0.52  | 0.67  | 0.45  |
|               | -1.12 | -0.54 | -0.17 | -0.41 | -0.43 | -1.78 | -5.64 | -7.72 | -11.09 | -10.77 | -8.99 | -8.81 | -7.31 | -7.50 | -7.15 | -8.06 | -9.17 | -11.82 | -14.52 | -14.07 | -9.90 | -6.28 | -3.53 | -3.13 |
| WEST<br>61752 | 25.00 | 24.38 | 24.24 | 23.72 | 23.99 | 25.36 | 29.45 | 32.29 | 30.41  | 29.17  | 27.70 | 27.76 | 27.30 | 26.68 | 25.24 | 24.48 | 25.47 | 28.60  | 28.99  | 29.24  | 28.72 | 26.51 | 26.11 | 25.48 |
|               | -0.05 | -0.22 | -0.17 | -0.26 | -0.05 | 0.07  | 0.61  | 0.38  | -0.18  | -0.21  | -0.15 | -0.10 | -0.15 | -0.42 | -0.37 | -0.29 | -0.37 | -0.27  | -0.40  | -0.12  | 0.00  | -0.25 | 0.10  | -0.25 |
|               | -0.39 | -0.19 | -0.06 | -0.14 | -0.15 | -0.62 | -1.23 | -2.67 | -4.14  | -3.51  | -2.93 | -2.87 | -2.38 | -2.44 | -2.33 | -2.62 | -2.98 | -3.84  | -4.72  | -4.58  | -3.22 | -2.04 | -1.15 | -1.02 |