

# Day Ahead Market Zonal LBMP

|            |       | --- LBMP \$ |        |        |        |        |        |        | --- Marginal Cost of Losses |        |       |       |       |       |        | --- Marginal Cost of Congestion |        |        |        |        |        |        |        |        |            |  |  |
|------------|-------|-------------|--------|--------|--------|--------|--------|--------|-----------------------------|--------|-------|-------|-------|-------|--------|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|------------|--|--|
| Zonal Data |       |             |        |        |        |        |        |        |                             |        |       |       |       |       |        |                                 |        |        |        |        |        |        |        |        | 03/21/2022 |  |  |
| Name       | PTID  | 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      |  |  |
| CAPITL     | 61757 | 46.63       | 45.19  | 44.13  | 43.72  | 45.19  | 43.96  | 51.60  | 65.29                       | 64.03  | 54.59 | 43.40 | 45.54 | 43.30 | 44.19  | 46.88                           | 50.87  | 54.88  | 60.76  | 67.86  | 70.04  | 67.60  | 53.44  | 58.35  | 48.71      |  |  |
|            |       | 1.25        | 1.08   | 1.10   | 1.12   | 1.12   | 1.97   | 2.73   | 3.93                        | 3.21   | 3.53  | 2.81  | 2.61  | 2.44  | 2.09   | 1.61                            | 1.36   | 1.40   | 1.54   | 2.01   | 2.79   | 2.86   | 2.22   | 1.24   | 1.49       |  |  |
|            |       | -25.47      | -25.79 | -24.76 | -24.32 | -25.77 | -14.20 | -15.54 | -15.16                      | -21.75 | -7.01 | -5.94 | -9.93 | -8.30 | -12.61 | -20.86                          | -29.22 | -32.86 | -38.17 | -38.26 | -32.33 | -28.95 | -21.22 | -38.88 | -24.59     |  |  |
| CENTRL     | 61754 | 24.02       | 22.40  | 22.15  | 22.10  | 22.34  | 30.70  | 36.46  | 50.02                       | 43.22  | 46.13 | 36.18 | 35.06 | 34.42 | 31.86  | 27.86                           | 24.78  | 25.59  | 26.76  | 33.48  | 40.14  | 40.58  | 33.59  | 23.86  | 26.73      |  |  |
|            |       | 0.72        | 0.64   | 0.57   | 0.57   | 0.60   | 1.00   | 1.03   | 1.80                        | 1.29   | 1.23  | 0.83  | 0.83  | 0.85  | 0.77   | 0.73                            | 0.63   | 0.64   | 0.65   | 0.83   | 0.94   | 0.97   | 0.75   | 0.44   | 0.81       |  |  |
|            |       | -3.40       | -3.44  | -3.30  | -3.25  | -3.44  | -1.91  | -2.10  | -2.02                       | -2.85  | -0.84 | -0.70 | -1.24 | -1.02 | -1.61  | -2.73                           | -3.85  | -4.34  | -5.05  | -5.06  | -4.28  | -3.83  | -2.84  | -5.20  | -3.29      |  |  |
| DUNWOD     | 61760 | 39.82       | 38.25  | 37.42  | 37.07  | 38.17  | 40.04  | 47.34  | 61.16                       | 58.24  | 53.05 | 41.74 | 42.93 | 41.42 | 41.32  | 41.47                           | 42.96  | 45.90  | 50.09  | 57.25  | 60.77  | 59.35  | 47.69  | 47.35  | 42.01      |  |  |
|            |       | 1.71        | 1.50   | 1.44   | 1.41   | 1.45   | 2.11   | 2.93   | 4.30                        | 3.95   | 4.50  | 3.36  | 3.33  | 3.42  | 3.21   | 2.44                            | 1.99   | 2.02   | 1.98   | 2.54   | 2.93   | 3.04   | 2.64   | 1.55   | 1.95       |  |  |
|            |       | -18.21      | -18.43 | -17.69 | -17.38 | -18.42 | -10.14 | -11.08 | -10.66                      | -15.22 | -4.50 | -3.72 | -6.60 | -5.45 | -8.62  | -14.62                          | -20.68 | -23.27 | -27.06 | -27.12 | -22.92 | -20.52 | -15.05 | -27.57 | -17.44     |  |  |
| GENESE     | 61753 | 23.12       | 21.48  | 21.22  | 21.23  | 21.46  | 30.09  | 35.33  | 48.97                       | 41.81  | 45.08 | 35.35 | 34.13 | 33.65 | 30.99  | 26.81                           | 23.53  | 24.22  | 25.22  | 31.77  | 38.52  | 39.05  | 32.41  | 22.27  | 25.76      |  |  |
|            |       | 0.64        | 0.55   | 0.44   | 0.49   | 0.55   | 0.86   | 0.43   | 1.25                        | 0.59   | 0.40  | 0.17  | 0.20  | 0.33  | 0.29   | 0.34                            | 0.32   | 0.33   | 0.32   | 0.33   | 0.35   | 0.36   | 0.27   | 0.13   | 0.66       |  |  |
|            |       | -2.58       | -2.61  | -2.50  | -2.46  | -2.61  | -1.44  | -1.57  | -1.51                       | -2.14  | -0.63 | -0.52 | -0.93 | -0.77 | -1.21  | -2.06                           | -2.91  | -3.28  | -3.84  | -3.85  | -3.25  | -2.91  | -2.14  | -3.92  | -2.48      |  |  |
| H Q        | 61844 | 19.31       | 17.77  | 17.77  | 17.77  | 17.77  | 26.93  | 34.82  | 40.78                       | 34.82  | 34.82 | 32.13 | 27.65 | 27.34 | 25.15  | 21.49                           | 18.54  | 18.77  | 20.45  | 26.82  | 33.98  | 34.82  | 29.20  | 17.77  | 21.92      |  |  |
|            |       | -0.60       | -0.55  | -0.51  | -0.51  | -0.53  | -0.86  | -0.97  | -1.57                       | -1.25  | -1.32 | -0.97 | -0.96 | -0.95 | -0.86  | -0.73                           | -0.61  | -0.62  | -0.61  | -0.77  | -0.94  | -0.96  | -0.81  | -0.45  | -0.70      |  |  |
|            |       | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -2.46  | 3.86                        | 3.01   | 7.92  | 1.55  | 4.39  | 4.27  | 3.48   | 2.19                            | 1.15   | 1.23   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00       |  |  |
| HUD VL     | 61758 | 39.87       | 38.33  | 37.49  | 37.18  | 38.28  | 40.05  | 47.30  | 61.00                       | 58.06  | 52.67 | 41.41 | 42.60 | 41.06 | 40.97  | 41.26                           | 42.82  | 45.79  | 50.00  | 57.14  | 60.69  | 59.22  | 47.52  | 47.32  | 41.95      |  |  |
|            |       | 1.65        | 1.47   | 1.41   | 1.41   | 1.45   | 2.06   | 2.83   | 4.07                        | 3.67   | 4.10  | 3.01  | 2.97  | 3.03  | 2.83   | 2.17                            | 1.76   | 1.81   | 1.77   | 2.32   | 2.76   | 2.83   | 2.43   | 1.44   | 1.83       |  |  |
|            |       | -18.32      | -18.54 | -17.80 | -17.49 | -18.53 | -10.20 | -11.15 | -10.73                      | -15.31 | -4.52 | -3.74 | -6.63 | -5.48 | -8.65  | -14.68                          | -20.76 | -23.36 | -27.17 | -27.24 | -23.01 | -20.61 | -15.09 | -27.65 | -17.49     |  |  |
| LONGIL     | 61762 | 40.29       | 38.54  | 37.68  | 37.37  | 38.52  | 40.71  | 53.31  | 61.91                       | 58.84  | 53.71 | 42.36 | 43.49 | 41.85 | 41.64  | 41.77                           | 43.25  | 46.34  | 57.42  | 59.34  | 88.00  | 81.64  | 61.50  | 54.15  | 42.65      |  |  |
|            |       | 2.17        | 1.78   | 1.70   | 1.70   | 1.79   | 2.78   | 3.86   | 5.04                        | 4.53   | 5.15  | 3.98  | 3.89  | 3.84  | 3.54   | 2.73                            | 2.27   | 2.45   | 2.46   | 3.17   | 3.67   | 3.79   | 3.30   | 2.06   | 2.58       |  |  |
|            |       | -18.21      | -18.44 | -17.70 | -17.39 | -18.43 | -10.14 | -16.12 | -10.66                      | -15.23 | -4.50 | -3.72 | -6.60 | -5.45 | -8.62  | -14.63                          | -20.69 | -23.28 | -33.89 | -28.57 | -49.42 | -42.06 | -28.20 | -33.87 | -17.45     |  |  |
| MHK VL     | 61756 | 25.09       | 23.44  | 23.21  | 23.08  | 23.36  | 31.22  | 37.41  | 50.56                       | 43.27  | 45.32 | 35.18 | 34.24 | 33.47 | 31.22  | 27.68                           | 25.04  | 25.91  | 27.58  | 34.38  | 41.20  | 41.63  | 34.49  | 25.02  | 27.37      |  |  |
|            |       | 0.78        | 0.66   | 0.64   | 0.58   | 0.60   | 1.08   | 1.53   | 2.36                        | 1.84   | 1.81  | 1.28  | 1.25  | 1.14  | 1.03   | 0.88                            | 0.73   | 0.76   | 0.80   | 1.05   | 1.43   | 1.50   | 1.11   | 0.62   | 0.84       |  |  |
|            |       | -4.41       | -4.46  | -4.28  | -4.21  | -4.46  | -2.34  | -2.55  | -2.00                       | -2.35  | 0.55  | 0.76  | 0.02  | 0.22  | -0.71  | -2.40                           | -4.01  | -4.54  | -5.73  | -5.74  | -4.85  | -4.34  | -3.37  | -6.17  | -3.90      |  |  |
| MILLWD     | 61759 | 39.91       | 38.34  | 37.52  | 37.21  | 38.28  | 40.05  | 47.35  | 61.14                       | 58.27  | 52.90 | 41.56 | 42.75 | 41.20 | 41.15  | 41.42                           | 42.98  | 45.94  | 50.14  | 57.31  | 60.81  | 59.41  | 47.67  | 47.45  | 42.03      |  |  |
|            |       | 1.67        | 1.47   | 1.43   | 1.43   | 1.43   | 2.06   | 2.87   | 4.20                        | 3.87   | 4.32  | 3.15  | 3.10  | 3.16  | 2.98   | 2.27                            | 1.85   | 1.88   | 1.85   | 2.43   | 2.83   | 2.97   | 2.52   | 1.48   | 1.86       |  |  |
|            |       | -18.33      | -18.56 | -17.81 | -17.50 | -18.55 | -10.21 | -11.15 | -10.73                      | -15.33 | -4.53 | -3.75 | -6.64 | -5.49 | -8.68  | -14.74                          | -20.84 | -23.45 | -27.23 | -27.29 | -23.06 | -20.65 | -15.14 | -27.75 | -17.55     |  |  |
| N.Y.C.     | 61761 | 39.56       | 38.00  | 37.14  | 36.85  | 37.89  | 39.80  | 47.03  | 60.54                       | 57.62  | 52.99 | 41.74 | 42.88 | 41.41 | 41.34  | 41.41                           | 42.86  | 45.73  | 49.86  | 56.63  | 60.15  | 58.75  | 47.30  | 46.91  | 41.73      |  |  |
|            |       | 1.81        | 1.58   | 1.52   | 1.50   | 1.50   | 2.17   | 3.10   | 4.48                        | 4.18   | 4.89  | 3.64  | 3.60  | 3.71  | 3.54   | 2.68                            | 2.17   | 2.18   | 2.15   | 2.71   | 3.11   | 3.22   | 2.79   | 1.66   | 2.06       |  |  |
|            |       | -17.84      | -18.10 | -17.35 | -17.07 | -18.09 | -9.84  | -10.60 | -9.85                       | -14.35 | -4.04 | -3.45 | -6.28 | -5.15 | -8.31  | -14.32                          | -20.40 | -22.93 | -26.65 | -26.34 | -22.13 | -19.75 | -14.50 | -27.02 | -17.04     |  |  |
| NORTH      | 61755 | 19.03       | 17.48  | 17.50  | 17.55  | 17.51  | 26.57  | 32.03  | 38.83                       | 26.15  | 24.84 | 15.24 | 15.14 | 15.11 | 15.03  | 14.97                           | 14.89  | 14.92  | 19.92  | 26.21  | 33.31  | 34.25  | 28.69  | 17.51  | 21.54      |  |  |
|            |       | -0.88       | -0.84  | -0.79  | -0.73  | -0.79  | -1.22  | -1.30  | -2.26                       | -1.91  | -2.16 | -1.77 | -1.75 | -1.79 | -1.68  | -1.42                           | -1.20  | -1.20  | -1.14  | -1.38  | -1.61  | -1.54  | -1.32  | -0.71  | -1.09      |  |  |
|            |       | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 5.11                        | 11.02  | 17.06 | 17.65 | 16.11 | 15.66 | 12.77  | 8.02                            | 4.20   | 4.50   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00       |  |  |
| NPX        | 61845 | 41.32       | 39.84  | 38.97  | 38.59  | 39.81  | 40.76  | 50.49  | 59.00                       | 57.00  | 49.41 | 44.87 | 43.09 | 41.40 | 41.64  | 42.51                           | 44.72  | 47.90  | 52.52  | 59.54  | 61.67  | 56.13  | 48.73  | 45.02  | 43.40      |  |  |
|            |       | 1.37        | 1.23   | 1.21   | 1.17   | 1.23   | 1.81   | 2.50   | 3.51                        | 3.16   | 3.65  | 2.84  | 2.80  | 2.83  | 2.65   | 1.98                            | 1.62   | 1.63   | 1.62   | 2.04   | 2.38   | 2.43   | 2.13   | 1.24   | 1.54       |  |  |
|            |       | -20.05      | -20.30 | -19.48 | -19.14 | -20.28 | -11.16 | -14.67 | -9.28                       | -14.76 | -1.70 | -7.37 | -7.29 | -6.02 | -9.50  | -16.12                          | -22.80 | -25.66 | -29.84 | -29.91 | -24.38 | -17.91 | -16.59 | -25.56 | -19.24     |  |  |

|               |        |        |        |        |        |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |       |        |        |
|---------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| O H<br>61846  | 23.63  | 22.11  | 21.74  | 21.79  | 21.98  | 30.00 | 36.74 | 44.89 | 40.75 | 39.95 | 37.08 | 33.00 | 32.62 | 30.29 | 26.66 | 23.81  | 24.57  | 25.59  | 31.76  | 37.56  | 37.98  | 31.56 | 22.75  | 26.22  |
|               | 0.36   | 0.39   | 0.18   | 0.29   | 0.27   | 0.33  | -1.10 | -0.83 | -1.13 | -1.67 | -1.52 | -1.22 | -0.95 | -0.79 | -0.46 | -0.33  | -0.37  | -0.48  | -0.86  | -1.61  | -1.61  | -1.23 | -0.58  | 0.36   |
|               | -3.37  | -3.41  | -3.27  | -3.21  | -3.41  | -1.87 | -4.52 | 0.48  | -2.81 | 2.43  | -3.95 | -1.22 | -1.01 | -1.60 | -2.72 | -3.84  | -4.32  | -5.02  | -5.03  | -4.25  | -3.81  | -2.79 | -5.11  | -3.23  |
| PJM<br>61847  | 31.90  | 30.43  | 29.76  | 29.66  | 30.33  | 34.92 | 43.22 | 51.10 | 48.90 | 44.30 | 40.87 | 37.79 | 36.83 | 35.70 | 34.20 | 33.84  | 35.68  | 38.29  | 44.61  | 49.10  | 48.52  | 39.60 | 35.50  | 34.24  |
|               | 1.01   | 0.93   | 0.80   | 0.84   | 0.86   | 1.17  | 1.17  | 1.90  | 1.56  | 1.67  | 1.21  | 1.32  | 1.50  | 1.42  | 1.17  | 1.01   | 1.01   | 0.90   | 1.02   | 0.87   | 0.93   | 0.90  | 0.60   | 1.15   |
|               | -10.98 | -11.18 | -10.68 | -10.54 | -11.17 | -5.96 | -8.73 | -3.00 | -8.26 | 1.43  | -5.00 | -3.47 | -2.78 | -4.80 | -8.62 | -12.53 | -14.06 | -16.33 | -16.00 | -13.31 | -11.81 | -8.69 | -16.67 | -10.46 |
| WEST<br>61752 | 24.31  | 22.72  | 22.33  | 22.40  | 22.60  | 30.80 | 35.40 | 48.99 | 42.16 | 44.63 | 35.00 | 34.09 | 33.65 | 31.23 | 27.51 | 24.58  | 25.37  | 26.42  | 32.79  | 38.79  | 39.21  | 32.58 | 23.49  | 26.95  |
|               | 0.86   | 0.81   | 0.60   | 0.73   | 0.71   | 1.03  | -0.10 | 0.69  | 0.12  | -0.31 | -0.38 | -0.20 | 0.03  | 0.06  | 0.24  | 0.24   | 0.21   | 0.08   | -0.08  | -0.59  | -0.57  | -0.36 | -0.11  | 0.93   |
|               | -3.55  | -3.59  | -3.45  | -3.39  | -3.59  | -1.97 | -2.17 | -2.09 | -2.96 | -0.88 | -0.72 | -1.29 | -1.06 | -1.69 | -2.86 | -4.05  | -4.55  | -5.27  | -5.29  | -4.47  | -4.00  | -2.93 | -5.38  | -3.40  |