

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/10/2021

| 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 | 50.87  | 49.34  | 48.47  | 48.26  | 46.15  | 46.23  | 48.50  | 45.79  | 48.49  | 55.24  | 55.09  | 54.92  | 52.77  | 53.30  | 51.92 | 53.99 | 58.73 | 66.77  | 69.76  | 70.23  | 64.17  | 58.06  | 52.92  | 51.97  |
| 61757  | 1.28   | 1.32   | 1.18   | 1.06   | 1.15   | 1.19   | 1.19   | 1.22   | 1.60   | 1.83   | 2.14   | 2.16   | 2.29   | 2.39   | 2.40  | 2.55  | 2.84  | 3.16   | 3.43   | 3.38   | 2.69   | 2.25   | 2.13   | 1.39   |
|        | -24.06 | -23.11 | -23.78 | -25.55 | -21.51 | -20.79 | -23.90 | -19.68 | -16.76 | -20.14 | -16.64 | -16.70 | -12.22 | -11.77 | -8.86 | -9.02 | -9.35 | -14.32 | -14.42 | -15.59 | -18.16 | -17.63 | -15.30 | -23.73 |
| CENTRL | 29.03  | 28.23  | 26.74  | 25.10  | 26.42  | 27.09  | 26.69  | 27.71  | 32.60  | 36.24  | 38.81  | 38.51  | 40.18  | 41.02  | 42.27 | 44.03 | 48.34 | 51.87  | 54.41  | 53.87  | 46.04  | 40.86  | 37.88  | 30.27  |
| 61754  | 0.36   | 0.30   | 0.12   | 0.11   | 0.12   | 0.12   | 0.16   | 0.25   | 0.27   | 0.33   | 0.33   | 0.29   | 0.34   | 0.35   | 0.37  | 0.42  | 0.47  | 0.54   | 0.57   | 0.56   | 0.34   | 0.38   | 0.39   | 0.32   |
|        | -3.15  | -3.02  | -3.11  | -3.34  | -2.81  | -2.72  | -3.12  | -2.57  | -2.19  | -2.63  | -2.18  | -2.17  | -1.58  | -1.53  | -1.23 | -1.18 | -1.34 | -2.04  | -1.92  | -2.05  | -2.37  | -2.30  | -2.00  | -3.10  |
| DUNWOD | 44.79  | 43.27  | 42.06  | 41.27  | 40.42  | 40.74  | 42.07  | 41.00  | 44.80  | 50.57  | 51.52  | 51.36  | 50.76  | 51.55  | 51.25 | 53.31 | 57.95 | 64.32  | 67.34  | 67.48  | 60.52  | 54.46  | 49.73  | 45.92  |
| 61760  | 2.45   | 2.22   | 1.93   | 1.78   | 1.90   | 1.96   | 1.97   | 2.37   | 2.96   | 3.23   | 3.59   | 3.64   | 3.98   | 4.19   | 4.39  | 4.58  | 4.89  | 5.03   | 5.35   | 5.33   | 4.51   | 3.97   | 3.55   | 2.50   |
|        | -16.81 | -16.14 | -16.61 | -17.85 | -15.03 | -14.53 | -16.70 | -13.75 | -11.71 | -14.07 | -11.63 | -11.66 | -8.53  | -8.22  | -6.19 | -6.30 | -6.53 | -10.00 | -10.08 | -10.89 | -12.69 | -12.32 | -10.69 | -16.58 |
| GENESE | 28.18  | 27.34  | 25.77  | 24.07  | 25.51  | 26.14  | 25.62  | 26.70  | 31.52  | 35.10  | 37.65  | 37.34  | 39.18  | 40.05  | 41.03 | 43.12 | 46.92 | 50.03  | 53.12  | 52.61  | 44.85  | 39.76  | 37.07  | 29.36  |
| 61753  | 0.23   | 0.10   | -0.14  | -0.15  | -0.14  | -0.19  | -0.19  | -0.17  | -0.30  | -0.20  | -0.33  | -0.40  | -0.31  | -0.27  | -0.24 | -0.21 | -0.14 | -0.10  | -0.10  | -0.15  | -0.30  | -0.19  | 0.04   | 0.13   |
|        | -2.42  | -2.33  | -2.39  | -2.57  | -2.16  | -2.09  | -2.41  | -1.98  | -1.69  | -2.03  | -1.67  | -1.68  | -1.23  | -1.18  | -0.61 | -0.91 | -0.52 | -0.84  | -1.31  | -1.50  | -1.83  | -1.77  | -1.54  | -2.39  |
| H Q    | 24.89  | 24.34  | 23.07  | 21.24  | 23.04  | 23.79  | 22.96  | 24.34  | 31.02  | 32.34  | 33.96  | 35.19  | 37.30  | 38.16  | 39.65 | 41.33 | 45.38 | 48.06  | 50.62  | 49.98  | 42.28  | 36.77  | 34.98  | 26.20  |
| 61844  | -0.64  | -0.57  | -0.45  | -0.41  | -0.45  | -0.46  | -0.45  | -0.55  | -0.69  | -0.83  | -0.87  | -0.87  | -0.95  | -0.98  | -1.02 | -1.10 | -1.16 | -1.23  | -1.30  | -1.28  | -1.04  | -0.99  | -0.92  | -0.64  |
|        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -1.58  | 0.10   | 1.48   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.41   | -0.41  | 0.00   |
| HUD VL | 44.21  | 42.73  | 41.55  | 40.80  | 39.96  | 40.28  | 41.57  | 40.45  | 44.16  | 49.84  | 50.82  | 50.61  | 49.97  | 50.74  | 50.39 | 52.46 | 57.12 | 63.45  | 66.37  | 66.56  | 59.65  | 53.65  | 49.09  | 45.35  |
| 61758  | 2.09   | 1.89   | 1.65   | 1.54   | 1.64   | 1.70   | 1.69   | 1.99   | 2.47   | 2.69   | 3.05   | 3.03   | 3.29   | 3.48   | 3.62  | 3.82  | 4.14  | 4.29   | 4.51   | 4.56   | 3.81   | 3.32   | 3.05   | 2.15   |
|        | -16.59 | -15.93 | -16.39 | -17.61 | -14.83 | -14.33 | -16.48 | -13.57 | -11.55 | -13.88 | -11.47 | -11.52 | -8.43  | -8.12  | -6.10 | -6.21 | -6.44 | -9.87  | -9.94  | -10.75 | -12.51 | -12.15 | -10.54 | -16.36 |
| LONGIL | 45.26  | 43.73  | 42.58  | 41.73  | 40.89  | 41.23  | 42.56  | 41.64  | 45.56  | 51.34  | 52.53  | 52.05  | 51.50  | 52.26  | 51.99 | 54.08 | 58.94 | 65.46  | 68.69  | 68.62  | 61.35  | 55.28  | 50.63  | 46.47  |
| 61762  | 2.91   | 2.67   | 2.45   | 2.23   | 2.37   | 2.45   | 2.46   | 2.99   | 3.71   | 3.99   | 4.46   | 4.32   | 4.70   | 4.89   | 5.12  | 5.35  | 5.86  | 6.16   | 6.65   | 6.46   | 5.33   | 4.77   | 4.44   | 3.03   |
|        | -16.82 | -16.15 | -16.62 | -17.85 | -15.03 | -14.53 | -16.70 | -13.76 | -11.72 | -14.08 | -11.77 | -11.67 | -8.54  | -8.23  | -6.20 | -6.31 | -6.54 | -10.01 | -10.13 | -10.90 | -12.70 | -12.33 | -10.70 | -16.59 |
| MHK VL | 29.24  | 28.43  | 27.04  | 25.35  | 26.75  | 27.46  | 26.92  | 27.95  | 32.93  | 36.69  | 39.41  | 38.92  | 40.64  | 41.54  | 42.96 | 44.75 | 49.11 | 52.66  | 55.44  | 54.95  | 46.95  | 41.49  | 38.33  | 30.49  |
| 61756  | 0.69   | 0.62   | 0.54   | 0.50   | 0.56   | 0.61   | 0.51   | 0.60   | 0.69   | 0.90   | 1.02   | 1.01   | 1.03   | 1.09   | 1.18  | 1.19  | 1.39  | 1.58   | 1.71   | 1.74   | 1.34   | 1.11   | 0.92   | 0.67   |
|        | -3.02  | -2.90  | -2.98  | -3.20  | -2.70  | -2.61  | -3.00  | -2.47  | -2.10  | -2.53  | -2.09  | -1.85  | -1.35  | -1.30  | -1.11 | -1.13 | -1.17 | -1.80  | -1.81  | -1.96  | -2.28  | -2.21  | -1.92  | -2.98  |
| MILLWD | 44.74  | 43.25  | 42.05  | 41.30  | 40.40  | 40.73  | 42.06  | 40.89  | 44.65  | 50.41  | 51.36  | 51.14  | 50.53  | 51.31  | 50.93 | 52.98 | 57.68 | 64.00  | 67.00  | 67.20  | 60.18  | 54.22  | 49.49  | 45.86  |
| 61759  | 2.27   | 2.07   | 1.79   | 1.67   | 1.76   | 1.84   | 1.83   | 2.14   | 2.71   | 2.96   | 3.34   | 3.32   | 3.67   | 3.88   | 4.03  | 4.20  | 4.56  | 4.63   | 4.93   | 4.97   | 4.07   | 3.63   | 3.23   | 2.31   |
|        | -16.94 | -16.27 | -16.74 | -17.99 | -15.14 | -14.64 | -16.83 | -13.86 | -11.80 | -14.18 | -11.72 | -11.77 | -8.61  | -8.29  | -6.23 | -6.35 | -6.58 | -10.08 | -10.15 | -10.98 | -12.78 | -12.41 | -10.77 | -16.71 |
| N.Y.C. | 44.95  | 43.43  | 42.18  | 41.36  | 40.56  | 40.79  | 42.14  | 41.15  | 44.95  | 50.83  | 51.82  | 51.61  | 51.03  | 51.86  | 51.53 | 53.61 | 58.33 | 64.57  | 67.55  | 67.73  | 60.78  | 54.77  | 49.98  | 46.08  |
| 61761  | 2.61   | 2.37   | 2.05   | 1.86   | 2.04   | 2.01   | 2.04   | 2.51   | 3.10   | 3.49   | 3.89   | 3.90   | 4.25   | 4.50   | 4.67  | 4.88  | 5.26  | 5.28   | 5.56   | 5.59   | 4.77   | 4.27   | 3.80   | 2.66   |
|        | -16.82 | -16.15 | -16.62 | -17.85 | -15.03 | -14.53 | -16.70 | -13.75 | -11.71 | -14.07 | -11.63 | -11.66 | -8.53  | -8.22  | -6.19 | -6.30 | -6.53 | -10.00 | -10.07 | -10.89 | -12.69 | -12.32 | -10.69 | -16.59 |
| NORTH  | 24.76  | 24.24  | 22.98  | 21.15  | 22.97  | 23.74  | 22.87  | 24.17  | 29.24  | 32.24  | 35.22  | 34.98  | 37.03  | 37.88  | 39.45 | 41.07 | 45.10 | 47.81  | 50.36  | 49.67  | 41.98  | 36.88  | 34.32  | 26.06  |
| 61755  | -0.77  | -0.67  | -0.54  | -0.50  | -0.52  | -0.51  | -0.54  | -0.72  | -0.90  | -1.03  | -1.09  | -1.08  | -1.23  | -1.25  | -1.22 | -1.36 | -1.44 | -1.48  | -1.56  | -1.59  | -1.34  | -1.30  | -1.17  | -0.78  |
|        | 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    | 46.93  | 45.46  | 44.50  | 44.00  | 42.59  | 42.79  | 44.53  | 47.80  | 49.89  | 51.75  | 50.78  | 52.00  | 50.61  | 51.25  | 50.50 | 52.50 | 57.14 | 64.18  | 67.00  | 67.27  | 60.95  | 54.61  | 50.73  | 48.02  |
| 61845  | 1.43   | 1.37   | 1.25   | 1.15   | 1.24   | 1.28   | 1.29   | 1.37   | 1.72   | 1.86   | 2.14   | 2.09   | 2.22   | 2.35   | 2.48  | 2.59  | 2.84  | 3.01   | 3.11   | 3.08   | 2.56   | 2.21   | 2.13   | 1.48   |
|        | -19.97 | -19.18 | -19.74 | -21.20 | -17.85 | -17.26 | -19.84 | -21.54 | -18.03 | -16.61 | -12.33 | -13.85 | -10.14 | -9.76  | -7.35 | -7.48 | -7.76 | -11.89 | -11.97 | -12.94 | -15.07 | -14.22 | -13.11 | -19.70 |

|               |        |       |        |        |       |       |        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|---------------|--------|-------|--------|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| OH<br>61846   | 27.49  | 26.71 | 25.03  | 23.48  | 24.70 | 25.25 | 24.94  | 25.66 | 31.50 | 33.11 | 33.84 | 34.99 | 36.63 | 37.42 | 37.22 | 40.28 | 42.08 | 44.40 | 48.80 | 48.59 | 41.85 | 36.89 | 35.74 | 28.58  |
|               | -1.02  | -1.07 | -1.44  | -1.34  | -1.46 | -1.58 | -1.43  | -1.67 | -2.29 | -2.56 | -3.05 | -3.14 | -3.14 | -3.17 | -3.21 | -3.27 | -3.63 | -3.84 | -4.26 | -4.31 | -3.73 | -3.06 | -2.06 | -1.21  |
|               | -2.98  | -2.87 | -2.95  | -3.17  | -2.67 | -2.58 | -2.96  | -2.44 | -3.65 | -2.40 | -0.59 | -2.07 | -1.51 | -1.45 | 0.24  | -1.12 | 0.83  | 1.04  | -1.14 | -1.64 | -2.25 | -1.77 | -2.31 | -2.94  |
| PJM<br>61847  | 36.79  | 35.64 | 34.19  | 33.07  | 33.16 | 33.62 | 34.20  | 34.04 | 39.63 | 42.55 | 42.69 | 43.90 | 44.32 | 45.19 | 45.89 | 47.46 | 52.25 | 57.33 | 59.44 | 59.18 | 52.02 | 46.20 | 43.56 | 37.90  |
|               | 0.89   | 0.77  | 0.42   | 0.41   | 0.40  | 0.41  | 0.49   | 0.67  | 0.69  | 0.70  | 0.69  | 0.65  | 0.80  | 0.98  | 1.06  | 1.15  | 1.16  | 1.13  | 1.14  | 1.13  | 0.87  | 0.84  | 1.06  | 0.83   |
|               | -10.37 | -9.96 | -10.25 | -11.01 | -9.27 | -8.96 | -10.30 | -8.48 | -8.80 | -8.58 | -5.69 | -7.19 | -5.26 | -5.07 | -4.17 | -3.89 | -4.55 | -6.91 | -6.39 | -6.80 | -7.83 | -7.19 | -7.01 | -10.23 |
| WEST<br>61752 | 28.20  | 27.37 | 25.65  | 24.07  | 25.30 | 25.84 | 25.60  | 26.48 | 30.88 | 34.33 | 36.58 | 36.29 | 37.94 | 38.86 | 42.60 | 41.74 | 49.65 | 54.52 | 52.59 | 51.30 | 43.27 | 38.53 | 36.38 | 29.37  |
|               | -0.46  | -0.55 | -0.97  | -0.91  | -0.99 | -1.11 | -0.91  | -0.97 | -1.45 | -1.56 | -1.89 | -1.95 | -1.91 | -1.84 | -1.87 | -1.87 | -2.05 | -2.22 | -2.49 | -2.56 | -2.43 | -1.95 | -1.10 | -0.56  |
|               | -3.13  | -3.01 | -3.10  | -3.33  | -2.80 | -2.71 | -3.11  | -2.57 | -2.19 | -2.63 | -2.17 | -2.18 | -1.60 | -1.56 | -3.80 | -1.18 | -5.16 | -7.45 | -3.16 | -2.61 | -2.37 | -2.30 | -1.99 | -3.09  |