

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/28/2021

| 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 | 42.95  | 37.05  | 36.06  | 33.59  | 33.50  | 33.54  | 32.26  | 30.20  | 33.33  | 35.67  | 36.74  | 39.16  | 41.40  | 43.68  | 46.29  | 48.93 | 53.37 | 54.78 | 52.66 | 45.15 | 43.41 | 39.16  | 36.90  | 35.57 |
| 61757  | 2.67   | 2.43   | 2.13   | 2.11   | 1.99   | 2.04   | 1.93   | 1.89   | 1.94   | 2.04   | 1.93   | 1.95   | 2.05   | 2.00   | 2.12   | 2.30  | 2.60  | 2.78  | 2.91  | 2.47  | 2.47  | 2.23   | 2.30   | 2.19  |
|        | -1.02  | -0.82  | -3.08  | -0.90  | -2.68  | -2.84  | -2.32  | -0.08  | -0.19  | -0.20  | -0.25  | -0.33  | 0.00   | 0.00   | 0.00   | -0.67 | -0.82 | -0.45 | -0.36 | 0.00  | -0.39 | -0.32  | -0.31  | -0.26 |
| CENTRL | 39.50  | 34.06  | 31.30  | 30.79  | 29.26  | 29.13  | 28.50  | 28.45  | 31.64  | 33.99  | 35.39  | 37.98  | 42.09  | 44.94  | 47.74  | 47.73 | 52.01 | 55.20 | 52.32 | 45.72 | 41.99 | 37.59  | 35.15  | 33.88 |
| 61754  | 0.24   | 0.27   | 0.16   | 0.18   | 0.17   | 0.20   | 0.22   | 0.22   | 0.44   | 0.57   | 0.83   | 1.07   | 1.34   | 1.54   | 1.50   | 1.47  | 1.75  | 1.91  | 1.48  | 1.32  | 1.22  | 0.99   | 0.86   | 0.76  |
|        | 0.00   | 0.00   | -0.28  | -0.02  | -0.25  | -0.27  | -0.27  | 0.00   | 0.00   | 0.00   | 0.00   | -0.04  | -1.40  | -1.72  | -2.07  | -0.30 | -0.31 | -1.74 | -1.46 | -1.72 | -0.24 | 0.00   | 0.00   | 0.00  |
| DUNWOD | 43.62  | 37.41  | 35.92  | 34.06  | 33.36  | 33.38  | 32.77  | 31.61  | 34.85  | 37.26  | 38.36  | 40.86  | 43.41  | 45.88  | 48.72  | 51.02 | 55.35 | 57.07 | 54.72 | 47.19 | 44.88 | 40.70  | 38.00  | 36.90 |
| 61760  | 4.36   | 3.62   | 3.33   | 3.33   | 3.03   | 3.10   | 3.14   | 3.39   | 3.65   | 3.84   | 3.80   | 3.98   | 4.05   | 4.21   | 4.55   | 5.06  | 5.40  | 5.52  | 5.33  | 4.52  | 4.34  | 4.10   | 3.70   | 3.77  |
|        | 0.00   | 0.00   | -1.73  | -0.15  | -1.50  | -1.62  | -1.63  | 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 | 38.95  | 33.59  | 30.77  | 30.29  | 28.74  | 28.70  | 27.93  | 27.86  | 31.23  | 33.62  | 35.21  | 37.83  | 40.82  | 43.34  | 45.85  | 47.60 | 52.00 | 53.80 | 51.03 | 44.08 | 41.78 | 37.63  | 35.29  | 34.08 |
| 61753  | -0.32  | -0.20  | -0.31  | -0.31  | -0.29  | -0.17  | -0.28  | -0.37  | 0.03   | 0.20   | 0.65   | 1.00   | 1.58   | 1.83   | 1.90   | 1.93  | 2.35  | 2.58  | 1.83  | 1.45  | 1.26  | 1.02   | 1.00   | 0.96  |
|        | 0.00   | 0.00   | -0.22  | -0.02  | -0.19  | -0.21  | -0.21  | 0.00   | 0.00   | 0.00   | 0.00   | 0.04   | 0.11   | 0.17   | 0.22   | 0.29  | 0.30  | 0.32  | 0.18  | 0.05  | 0.01  | 0.00   | 0.00   | 0.00  |
| H Q    | 31.69  | 27.71  | 25.51  | 25.28  | 24.04  | 23.86  | 26.70  | 26.82  | 29.02  | 31.06  | 31.90  | 33.57  | 35.14  | 36.80  | 38.54  | 40.21 | 43.08 | 44.44 | 41.95 | 37.47 | 36.20 | 33.37  | 31.20  | 30.34 |
| 61844  | -1.14  | -1.01  | -0.90  | -0.92  | -0.86  | -0.86  | -0.84  | -0.88  | -0.97  | -1.07  | -1.11  | -1.22  | -1.30  | -1.37  | -1.46  | -1.52 | -1.70 | -1.75 | -1.63 | -1.41 | -1.34 | -1.21  | -1.17  | -1.13 |
|        | 6.44   | 5.07   | 4.45   | 4.38   | 3.93   | 3.94   | 0.46   | 0.53   | 1.21   | 1.29   | 1.55   | 2.08   | 2.92   | 3.51   | 4.17   | 4.23  | 5.18  | 5.35  | 5.81  | 3.79  | 3.00  | 2.03   | 1.93   | 1.65  |
| HUD VL | 43.07  | 36.94  | 35.49  | 33.63  | 32.99  | 32.98  | 32.32  | 31.11  | 34.29  | 36.66  | 37.74  | 40.19  | 42.70  | 45.13  | 47.92  | 50.19 | 54.50 | 56.19 | 53.83 | 46.47 | 44.15 | 39.97  | 37.38  | 36.27 |
| 61758  | 3.81   | 3.14   | 2.93   | 2.91   | 2.68   | 2.72   | 2.72   | 2.88   | 3.09   | 3.24   | 3.18   | 3.32   | 3.34   | 3.46   | 3.75   | 4.23  | 4.55  | 4.64  | 4.45  | 3.80  | 3.61  | 3.37   | 3.09   | 3.15  |
|        | 0.00   | 0.00   | -1.70  | -0.14  | -1.47  | -1.59  | -1.60  | 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 | 69.86  | 58.06  | 55.12  | 51.93  | 50.70  | 49.84  | 47.49  | 49.06  | 50.05  | 55.01  | 56.64  | 58.54  | 59.77  | 59.08  | 59.81  | 59.88 | 65.00 | 57.73 | 58.78 | 55.55 | 55.37 | 53.19  | 48.47  | 46.63 |
| 61762  | 4.83   | 3.92   | 3.58   | 3.64   | 3.26   | 3.27   | 3.33   | 3.73   | 4.05   | 4.25   | 4.32   | 4.57   | 4.68   | 4.92   | 5.21   | 5.79  | 6.14  | 6.18  | 6.07  | 5.20  | 4.90  | 4.54   | 4.15   | 4.11  |
|        | -25.77 | -20.34 | -20.68 | -17.71 | -18.60 | -17.91 | -16.16 | -17.11 | -14.80 | -17.34 | -17.76 | -17.10 | -15.74 | -12.49 | -10.43 | -8.13 | -8.90 | 0.00  | -3.33 | -7.67 | -9.93 | -12.05 | -10.03 | -9.40 |
| MHK VL | 37.95  | 32.86  | 30.37  | 29.78  | 28.45  | 28.24  | 29.07  | 29.02  | 31.84  | 34.14  | 35.28  | 37.64  | 43.12  | 46.02  | 49.11  | 46.13 | 49.99 | 55.00 | 52.79 | 47.39 | 41.71 | 37.35  | 34.88  | 33.71 |
| 61756  | 1.41   | 1.25   | 1.08   | 1.04   | 1.01   | 0.94   | 0.95   | 1.01   | 1.16   | 1.27   | 1.38   | 1.66   | 1.73   | 1.88   | 1.99   | 1.97  | 2.25  | 2.42  | 2.37  | 2.05  | 1.87  | 1.61   | 1.41   | 1.29  |
|        | 2.72   | 2.19   | 1.57   | 1.84   | 1.39   | 1.37   | -0.12  | 0.22   | 0.52   | 0.55   | 0.66   | 0.89   | -2.04  | -2.47  | -2.95  | 1.81  | 2.21  | -1.03 | -1.04 | -2.67 | 0.69  | 0.87   | 0.82   | 0.71  |
| MILLWD | 43.43  | 37.24  | 35.80  | 33.91  | 33.22  | 33.24  | 32.64  | 31.44  | 34.70  | 37.03  | 38.15  | 40.56  | 43.09  | 45.64  | 48.50  | 50.74 | 55.05 | 56.81 | 54.47 | 46.98 | 44.68 | 40.48  | 37.72  | 36.63 |
| 61759  | 4.16   | 3.45   | 3.21   | 3.18   | 2.88   | 2.95   | 3.00   | 3.22   | 3.49   | 3.61   | 3.59   | 3.69   | 3.74   | 3.96   | 4.33   | 4.78  | 5.10  | 5.26  | 5.09  | 4.31  | 4.14  | 3.88   | 3.43   | 3.51  |
|        | 0.00   | 0.00   | -1.74  | -0.15  | -1.50  | -1.62  | -1.64  | 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. | 44.03  | 37.72  | 36.20  | 34.37  | 33.65  | 33.63  | 32.99  | 32.22  | 35.21  | 39.18  | 41.37  | 41.37  | 45.85  | 47.80  | 50.06  | 52.67 | 56.38 | 57.58 | 55.91 | 50.11 | 45.37 | 45.37  | 38.42  | 41.80 |
| 61761  | 4.75   | 3.92   | 3.61   | 3.64   | 3.31   | 3.35   | 3.36   | 3.70   | 3.99   | 4.21   | 4.21   | 4.42   | 4.48   | 4.63   | 4.99   | 5.56  | 5.94  | 6.03  | 5.82  | 5.03  | 4.74  | 4.50   | 4.11   | 4.14  |
|        | -0.02  | 0.00   | -1.73  | -0.15  | -1.50  | -1.62  | -1.63  | -0.30  | -0.01  | -1.55  | -2.60  | -0.07  | -2.01  | -1.49  | -0.90  | -1.15 | -0.48 | -0.01 | -0.70 | -2.40 | -0.09 | -4.27  | -0.02  | -4.54 |
| NORTH  | 12.13  | 11.90  | 11.80  | 11.79  | 11.94  | 11.70  | 25.19  | 25.16  | 25.21  | 27.06  | 27.04  | 27.08  | 29.98  | 30.67  | 31.25  | 27.20 | 27.21 | 29.70 | 30.46 | 30.72 | 27.51 | 26.90  | 25.05  | 25.02 |
| 61755  | -1.22  | -1.08  | -0.99  | -0.98  | -0.92  | -0.95  | -0.92  | -0.93  | -1.06  | -1.14  | -1.21  | -1.33  | -1.38  | -1.42  | -1.50  | -1.56 | -1.70 | -1.70 | -1.78 | -1.58 | -1.54 | -1.47  | -1.41  | -1.39 |
|        | 25.92  | 20.81  | 18.07  | 17.81  | 15.97  | 16.02  | 1.88   | 2.13   | 4.93   | 5.23   | 6.31   | 8.46   | 7.99   | 9.59   | 11.42  | 17.20 | 21.04 | 20.15 | 17.15 | 10.37 | 11.48 | 8.24   | 7.83   | 6.72  |
| NPX    | 42.12  | 36.39  | 35.22  | 33.07  | 32.75  | 32.73  | 32.12  | 30.43  | 33.48  | 35.79  | 36.84  | 39.16  | 41.67  | 43.93  | 46.60  | 48.67 | 52.90 | 55.24 | 51.80 | 45.19 | 42.97 | 38.95  | 36.52  | 35.41 |
| 61845  | 2.91   | 2.54   | 2.34   | 2.32   | 2.16   | 2.18   | 2.21   | 2.20   | 2.28   | 2.37   | 2.28   | 2.29   | 2.32   | 2.25   | 2.43   | 2.71  | 2.95  | 3.04  | 3.06  | 2.52  | 2.43  | 2.34   | 2.23   | 2.28  |
|        | 0.05   | -0.05  | -2.02  | -0.17  | -1.75  | -1.89  | -1.90  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | -0.64 | 0.64  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| O H<br>61846  | 34.30 | 32.33 | 29.68 | 29.20 | 27.80 | 27.77 | 26.95 | 26.59 | 29.95 | 32.32 | 33.97 | 35.45 | 36.11 | 36.71  | 37.42  | 36.81  | 41.02  | 42.58  | 42.61  | 40.96 | 39.78 | 36.19 | 34.26 | 33.45 |
|               | -2.32 | -1.52 | -1.48 | -1.41 | -1.30 | -1.18 | -1.34 | -1.64 | -1.25 | -1.10 | -0.59 | -0.22 | 0.39  | 0.66   | 0.62   | 0.55   | 1.00   | 1.13   | -0.05  | -0.21 | -0.33 | -0.40 | -0.03 | 0.33  |
|               | 2.65  | -0.05 | -0.30 | -0.03 | -0.26 | -0.28 | -0.29 | 0.00  | 0.00  | 0.00  | 0.00  | 1.20  | 3.64  | 5.63   | 7.37   | 9.70   | 9.93   | 10.11  | 6.72   | 1.50  | 0.43  | 0.01  | 0.00  | 0.00  |
| PJM<br>61847  | 39.60 | 35.00 | 32.95 | 31.74 | 30.75 | 30.76 | 30.08 | 29.43 | 32.67 | 35.03 | 36.36 | 39.36 | 42.87 | 46.19  | 49.45  | 52.26  | 56.73  | 59.36  | 53.53  | 45.42 | 42.76 | 38.74 | 36.11 | 35.05 |
|               | 1.18  | 1.15  | 1.02  | 1.07  | 0.98  | 1.09  | 1.06  | 1.19  | 1.47  | 1.60  | 1.80  | 2.06  | 2.24  | 2.54   | 2.69   | 2.90   | 3.30   | 3.40   | 2.66   | 2.22  | 2.07  | 1.94  | 1.82  | 1.92  |
|               | 0.84  | -0.05 | -1.08 | -0.09 | -0.93 | -1.01 | -1.02 | -0.02 | 0.00  | 0.00  | 0.00  | -0.42 | -1.28 | -1.97  | -2.58  | -3.40  | -3.48  | -4.41  | -1.48  | -0.53 | -0.15 | -0.20 | 0.00  | 0.00  |
| WEST<br>61752 | 37.89 | 33.08 | 30.40 | 29.91 | 28.50 | 28.50 | 27.60 | 27.35 | 30.83 | 33.32 | 35.15 | 40.26 | 48.61 | 55.31  | 61.37  | 67.82  | 72.93  | 76.37  | 63.39  | 47.03 | 42.52 | 37.48 | 35.32 | 34.38 |
|               | -1.38 | -0.71 | -0.77 | -0.70 | -0.61 | -0.46 | -0.70 | -0.88 | -0.37 | -0.10 | 0.59  | 1.14  | 1.89  | 2.25   | 2.30   | 2.25   | 2.90   | 3.09   | 1.73   | 1.32  | 1.09  | 0.84  | 1.03  | 1.26  |
|               | 0.00  | 0.00  | -0.32 | -0.03 | -0.27 | -0.30 | -0.30 | 0.00  | 0.00  | 0.00  | 0.00  | -2.24 | -7.37 | -11.38 | -14.90 | -19.61 | -20.08 | -21.73 | -12.28 | -3.04 | -0.88 | -0.03 | 0.00  | 0.00  |