

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/11/2022

| 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 | 49.28 | 33.28 | 44.61 | 44.24 | 48.53 | 44.52 | 46.97 | 58.21 | 55.99 | 56.09 | 60.93 | 55.57  | 53.43  | 62.13  | 64.09  | 65.41  | 81.71  | 86.89 | 90.19 | 80.01 | 72.93 | 72.28 | 65.60 | 52.85  |
| 61757  | 3.27  | 2.77  | 3.02  | 2.96  | 3.19  | 3.17  | 3.45  | 4.41  | 4.33  | 3.95  | 4.17  | 3.74   | 3.66   | 4.30   | 4.57   | 4.61   | 5.84   | 6.33  | 7.23  | 6.49  | 5.95  | 5.90  | 5.21  | 4.01   |
|        | 0.00  | 7.13  | 0.02  | 0.00  | 0.00  | 0.00  | -0.12 | 0.67  | 0.64  | 1.36  | 1.67  | -1.19  | 2.53   | 1.80   | 2.25   | -0.01  | -0.11  | -0.34 | 1.33  | 0.00  | 0.00  | 0.45  | 1.34  | 0.57   |
| CENTRL | 46.86 | 38.18 | 42.19 | 41.75 | 45.89 | 41.95 | 44.31 | 55.68 | 53.42 | 54.77 | 59.86 | 51.65  | 53.32  | 60.96  | 63.07  | 62.18  | 77.72  | 82.50 | 86.73 | 75.72 | 68.95 | 68.73 | 63.67 | 51.01  |
| 61754  | 0.85  | 0.54  | 0.57  | 0.46  | 0.55  | 0.60  | 0.91  | 1.21  | 1.12  | 1.28  | 1.44  | 1.01   | 1.02   | 1.34   | 1.30   | 1.40   | 1.95   | 2.28  | 2.44  | 2.21  | 1.97  | 1.91  | 1.94  | 1.61   |
|        | 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   |
| DUNWOD | 50.15 | 48.38 | 45.22 | 44.69 | 49.03 | 45.02 | 47.61 | 60.93 | 58.62 | 60.55 | 66.41 | 56.68  | 61.06  | 68.61  | 71.93  | 68.97  | 87.30  | 91.67 | 95.09 | 80.60 | 73.43 | 74.06 | 69.53 | 55.02  |
| 61760  | 4.13  | 3.42  | 3.59  | 3.41  | 3.70  | 3.68  | 4.22  | 5.62  | 5.67  | 5.67  | 6.30  | 5.98   | 6.19   | 7.15   | 7.40   | 7.36   | 9.17   | 9.45  | 9.04  | 7.09  | 6.45  | 6.76  | 6.42  | 5.03   |
|        | 0.00  | -7.32 | -0.02 | 0.00  | 0.00  | 0.00  | 0.00  | -0.84 | -0.65 | -1.38 | -1.69 | -0.05  | -2.57  | -1.83  | -2.76  | -0.83  | -2.37  | -2.00 | -1.76 | 0.00  | 0.00  | -0.47 | -1.38 | -0.59  |
| GENESE | 46.62 | 37.90 | 41.79 | 41.29 | 45.47 | 41.63 | 44.05 | 55.21 | 52.89 | 54.50 | 59.80 | 51.12  | 52.75  | 60.38  | 62.35  | 61.18  | 76.61  | 81.47 | 85.99 | 75.31 | 68.45 | 68.39 | 63.78 | 51.22  |
| 61753  | 0.60  | 0.26  | 0.18  | 0.00  | 0.13  | 0.28  | 0.65  | 0.75  | 0.59  | 1.00  | 1.38  | 0.47   | 0.46   | 0.75   | 0.58   | 0.40   | 0.85   | 1.25  | 1.70  | 1.80  | 1.47  | 1.57  | 2.05  | 1.81   |
|        | 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   |
| H Q    | 44.77 | 36.58 | 40.49 | 40.29 | 44.29 | 40.20 | 41.09 | 51.59 | 50.70 | 51.96 | 56.70 | 39.56  | 50.72  | 57.69  | 59.78  | 52.21  | 53.23  | 58.70 | 78.47 | 71.25 | 64.84 | 64.65 | 59.62 | 47.69  |
| 61844  | -1.25 | -1.06 | -1.12 | -0.99 | -1.05 | -1.15 | -1.36 | -1.70 | -1.60 | -1.54 | -1.72 | -1.59  | -1.58  | -1.94  | -1.99  | -1.98  | -2.50  | -2.66 | -2.70 | -2.26 | -2.14 | -2.18 | -2.11 | -1.71  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.95  | 1.17  | 0.00  | 0.00  | 0.00  | 9.50   | 0.00   | 0.00   | 0.00   | 6.59   | 20.03  | 18.85 | 3.12  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   |
| HUD VL | 49.52 | 46.14 | 44.70 | 44.20 | 48.49 | 44.49 | 46.97 | 59.83 | 57.51 | 59.26 | 64.96 | 55.69  | 59.50  | 67.10  | 70.27  | 67.66  | 85.40  | 89.83 | 93.49 | 79.78 | 72.70 | 73.05 | 68.25 | 54.12  |
| 61758  | 3.50  | 2.90  | 3.07  | 2.92  | 3.16  | 3.14  | 3.57  | 4.73  | 4.71  | 4.69  | 5.22  | 5.01   | 5.20   | 6.05   | 6.27   | 6.24   | 7.79   | 8.06  | 7.85  | 6.27  | 5.73  | 5.88  | 5.49  | 4.28   |
|        | 0.00  | -5.61 | -0.01 | 0.00  | 0.00  | 0.00  | 0.00  | -0.64 | -0.49 | -1.07 | -1.32 | -0.04  | -2.00  | -1.42  | -2.24  | -0.65  | -1.84  | -1.55 | -1.34 | 0.00  | 0.00  | -0.35 | -1.04 | -0.44  |
| LONGIL | 51.28 | 49.04 | 45.69 | 45.37 | 49.64 | 45.75 | 48.48 | 61.96 | 59.54 | 61.26 | 67.37 | 70.73  | 80.50  | 80.34  | 84.63  | 89.54  | 120.07 | 93.82 | 96.28 | 81.22 | 76.09 | 78.55 | 78.40 | 73.47  |
| 61762  | 5.26  | 4.07  | 4.06  | 4.09  | 4.31  | 4.40  | 5.09  | 6.65  | 6.59  | 6.38  | 7.25  | 6.87   | 7.08   | 8.10   | 8.42   | 8.33   | 10.35  | 10.58 | 10.23 | 7.70  | 7.64  | 8.10  | 7.89  | 6.23   |
|        | 0.00  | -7.33 | -0.02 | 0.00  | 0.00  | 0.00  | 0.00  | -0.84 | -0.65 | -1.38 | -1.70 | -13.22 | -21.12 | -12.61 | -14.44 | -20.44 | -33.96 | -3.02 | -1.76 | 0.00  | -1.48 | -3.62 | -8.79 | -17.84 |
| MHK VL | 47.47 | 38.73 | 42.77 | 42.37 | 46.58 | 42.52 | 44.35 | 55.91 | 54.35 | 55.58 | 60.71 | 48.73  | 54.36  | 61.99  | 64.24  | 60.73  | 71.03  | 76.53 | 87.05 | 77.15 | 70.18 | 69.96 | 64.49 | 51.22  |
| 61756  | 1.45  | 1.09  | 1.15  | 1.09  | 1.25  | 1.17  | 1.38  | 1.96  | 2.04  | 2.08  | 2.29  | 2.06   | 2.06   | 2.36   | 2.47   | 2.55   | 3.16   | 3.55  | 3.96  | 3.64  | 3.21  | 3.13  | 2.77  | 1.82   |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.42  | 0.52  | 0.00  | 0.00  | 0.00  | 3.98   | 0.00   | 0.00   | 0.00   | 2.60   | 7.89   | 7.23  | 1.21  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   |
| MILLWD | 49.88 | 48.02 | 45.00 | 44.49 | 48.79 | 44.81 | 47.34 | 60.53 | 58.16 | 60.07 | 65.87 | 56.23  | 60.55  | 68.09  | 71.33  | 68.50  | 86.68  | 91.06 | 94.57 | 80.26 | 73.15 | 73.68 | 69.08 | 54.67  |
| 61759  | 3.86  | 3.20  | 3.37  | 3.20  | 3.46  | 3.45  | 3.95  | 5.24  | 5.22  | 5.22  | 5.79  | 5.53   | 5.74   | 6.67   | 6.92   | 6.90   | 8.60   | 8.89  | 8.56  | 6.75  | 6.17  | 6.40  | 6.01  | 4.69   |
|        | 0.00  | -7.18 | -0.02 | 0.00  | 0.00  | 0.00  | 0.00  | -0.82 | -0.64 | -1.35 | -1.65 | -0.05  | -2.51  | -1.79  | -2.64  | -0.82  | -2.32  | -1.96 | -1.72 | 0.00  | 0.00  | -0.46 | -1.35 | -0.58  |
| N.Y.C. | 50.47 | 48.66 | 45.50 | 44.94 | 49.30 | 45.33 | 47.98 | 61.37 | 59.05 | 60.97 | 66.84 | 57.12  | 61.45  | 68.98  | 72.23  | 69.23  | 87.58  | 91.91 | 95.10 | 80.76 | 73.69 | 74.41 | 69.87 | 55.34  |
| 61761  | 4.46  | 3.69  | 3.86  | 3.66  | 3.96  | 3.98  | 4.58  | 6.06  | 6.09  | 6.09  | 6.73  | 6.42   | 6.59   | 7.52   | 7.70   | 7.62   | 9.44   | 9.69  | 9.05  | 7.24  | 6.71  | 7.11  | 6.76  | 5.35   |
|        | 0.00  | -7.33 | -0.02 | 0.00  | 0.00  | 0.00  | 0.00  | -0.84 | -0.65 | -1.38 | -1.69 | -0.05  | -2.57  | -1.83  | -2.76  | -0.83  | -2.37  | -2.01 | -1.76 | 0.00  | 0.00  | -0.47 | -1.38 | -0.59  |
| NORTH  | 44.44 | 36.35 | 40.33 | 40.19 | 44.21 | 40.15 | 37.98 | 47.75 | 50.51 | 51.80 | 56.54 | 10.52  | 50.45  | 57.45  | 59.59  | 31.90  | -8.09  | 0.79  | 68.62 | 71.26 | 64.67 | 64.38 | 59.21 | 47.29  |
| 61755  | -1.58 | -1.29 | -1.29 | -1.09 | -1.13 | -1.20 | -1.59 | -1.99 | -1.79 | -1.70 | -1.88 | -1.76  | -1.85  | -2.17  | -2.18  | -2.24  | -3.05  | -3.36 | -3.07 | -2.25 | -2.31 | -2.45 | -2.52 | -2.12  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 3.82  | 4.73  | 0.00  | 0.00  | 0.00  | 38.37  | 0.00   | 0.00   | 0.00   | 26.64  | 80.80  | 76.06 | 12.61 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   |
| NPX    | 48.49 | 4.14  | 43.91 | 43.59 | 47.84 | 43.90 | 46.13 | 53.80 | 52.51 | 49.48 | 53.52 | 53.71  | 43.01  | 54.53  | 54.76  | 60.60  | 68.99  | 75.35 | 80.77 | 77.74 | 70.95 | 68.61 | 58.78 | 49.57  |
| 61845  | 2.48  | 2.22  | 2.38  | 2.31  | 2.51  | 2.55  | 2.73  | 3.47  | 3.41  | 3.12  | 3.41  | 3.30   | 3.33   | 3.90   | 4.04   | 3.93   | 4.83   | 4.91  | 5.05  | 4.23  | 3.97  | 4.06  | 3.79  | 3.03   |
|        | 0.00  | 35.72 | 0.08  | 0.00  | 0.00  | 0.00  | 0.00  | 4.14  | 3.20  | 7.14  | 8.32  | 0.24   | 12.62  | 8.99   | 11.05  | 4.11   | 11.60  | 9.78  | 8.57  | 0.00  | 0.00  | 2.28  | 6.74  | 2.87   |

|       |       |       |       |       |       |       |       |       |       |        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH    | 45.77 | 37.22 | 41.05 | 40.54 | 44.70 | 40.90 | 43.31 | 54.21 | 51.82 | 90.39  | 58.69 | 49.48 | 50.87 | 58.09 | 59.79 | 58.37 | 73.01 | 77.55 | 82.00 | 72.14 | 65.60 | 65.69 | 61.85 | 49.97 |
| 61846 | -0.25 | -0.42 | -0.56 | -0.74 | -0.64 | -0.45 | -0.08 | -0.26 | -0.48 | 0.04   | 0.27  | -1.16 | -1.42 | -1.54 | -1.98 | -2.41 | -2.75 | -2.66 | -2.29 | -1.37 | -1.38 | -1.14 | 0.13  | 0.56  |
|       | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -36.85 | 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  |
| PJM   | 48.17 | 43.20 | 43.44 | 42.90 | 47.17 | 43.20 | 45.74 | 58.00 | 55.68 | 57.42  | 62.89 | 53.70 | 56.68 | 64.14 | 66.90 | 64.70 | 81.49 | 85.98 | 89.75 | 77.06 | 70.15 | 70.47 | 66.11 | 52.72 |
| 61847 | 2.15  | 1.69  | 1.82  | 1.61  | 1.84  | 1.85  | 2.34  | 3.09  | 3.03  | 3.18   | 3.57  | 3.02  | 3.02  | 3.54  | 3.53  | 3.48  | 4.47  | 4.70  | 4.52  | 3.55  | 3.17  | 3.40  | 3.65  | 3.01  |
|       | 0.00  | -3.87 | -0.01 | 0.00  | 0.00  | 0.00  | 0.00  | -0.45 | -0.35 | -0.73  | -0.90 | -0.03 | -1.36 | -0.97 | -1.60 | -0.44 | -1.26 | -1.06 | -0.93 | 0.00  | 0.00  | -0.25 | -0.73 | -0.31 |
| WEST  | 46.86 | 38.02 | 41.92 | 41.32 | 45.58 | 41.71 | 44.23 | 55.55 | 53.30 | 55.10  | 60.42 | 51.03 | 52.45 | 59.77 | 61.63 | 60.27 | 75.46 | 80.21 | 84.81 | 74.36 | 67.46 | 67.41 | 63.34 | 51.10 |
| 61752 | 0.84  | 0.38  | 0.30  | 0.04  | 0.24  | 0.36  | 0.83  | 1.09  | 1.00  | 1.60   | 2.00  | 0.39  | 0.15  | 0.14  | -0.14 | -0.51 | -0.31 | -0.01 | 0.52  | 0.85  | 0.48  | 0.58  | 1.62  | 1.69  |
|       | 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  | -0.01 | -0.01 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |