

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/08/2022

| 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 | 65.33  | 60.89 | 55.15 | 51.36 | 50.94 | 55.93 | 54.92 | 72.25 | 80.37  | 68.53 | 48.75 | 46.28  | 45.29  | 44.42 | 41.85 | 42.29 | 46.64 | 74.33  | 167.44 | 101.19 | 69.33  | 54.10  | 50.83 | 44.71 |
| 61757  | 3.93   | 3.62  | 3.27  | 3.01  | 2.96  | 3.21  | 3.29  | 4.25  | 3.77   | 4.30  | 2.97  | 2.66   | 2.50   | 2.38  | 2.30  | 2.37  | 2.69  | 3.74   | 8.80   | 4.87   | 2.34   | 2.61   | 2.98  | 2.21  |
|        | 0.00   | 0.00  | -0.69 | 0.00  | 0.00  | 0.00  | 0.00  | -1.43 | -22.28 | 0.00  | 0.00  | -0.55  | -1.52  | -0.93 | 0.00  | 0.00  | -0.69 | -12.78 | -25.73 | -25.67 | -31.34 | -11.61 | 0.00  | 0.00  |
| CENTRL | 62.75  | 58.65 | 52.49 | 49.66 | 49.23 | 54.30 | 53.25 | 68.57 | 59.77  | 66.26 | 47.03 | 44.64  | 43.98  | 42.82 | 40.27 | 40.47 | 43.85 | 60.79  | 141.52 | 78.81  | 42.07  | 42.64  | 48.72 | 43.13 |
| 61754  | 1.36   | 1.38  | 1.16  | 1.31  | 1.26  | 1.57  | 1.62  | 1.74  | 1.37   | 2.03  | 1.26  | 1.00   | 1.11   | 0.73  | 0.72  | 0.56  | 0.46  | 0.50   | 1.51   | 1.04   | 0.55   | 0.62   | 0.87  | 0.64  |
|        | 0.00   | 0.00  | -0.13 | 0.00  | 0.00  | 0.00  | 0.00  | -0.26 | -4.08  | 0.00  | 0.00  | -0.58  | -1.60  | -0.98 | 0.00  | 0.00  | -0.12 | -2.49  | -7.09  | -7.11  | -5.86  | -2.14  | 0.00  | 0.00  |
| DUNWOD | 66.97  | 62.19 | 56.01 | 52.35 | 51.92 | 57.14 | 56.21 | 73.11 | 75.88  | 70.04 | 50.32 | 47.78  | 46.64  | 45.77 | 43.27 | 43.61 | 47.79 | 72.48  | 162.30 | 96.99  | 63.40  | 52.34  | 52.28 | 46.08 |
| 61760  | 5.58   | 4.93  | 4.29  | 4.00  | 3.95  | 4.42  | 4.58  | 5.46  | 4.58   | 5.81  | 4.55  | 4.22   | 4.00   | 3.82  | 3.72  | 3.70  | 4.00  | 4.93   | 9.79   | 5.84   | 3.28   | 3.61   | 4.43  | 3.58  |
|        | 0.00   | 0.00  | -0.52 | 0.00  | 0.00  | 0.00  | 0.00  | -1.09 | -16.98 | 0.00  | 0.00  | -0.50  | -1.37  | -0.84 | 0.00  | 0.00  | -0.53 | -9.74  | -19.59 | -20.50 | -24.45 | -8.85  | 0.00  | 0.00  |
| GENESE | 61.78  | 57.97 | 51.82 | 49.13 | 48.73 | 53.77 | 52.45 | 67.18 | 58.47  | 65.41 | 46.36 | 43.89  | 43.33  | 42.04 | 39.39 | 39.52 | 42.66 | 58.59  | 135.60 | 74.07  | 40.37  | 41.60  | 47.77 | 42.47 |
| 61753  | 0.39   | 0.70  | 0.52  | 0.77  | 0.75  | 1.05  | 0.82  | 0.38  | 0.59   | 1.18  | 0.58  | 0.20   | 0.35   | -0.13 | -0.16 | -0.40 | -0.71 | -1.25  | -1.42  | -0.64  | -0.28  | -0.14  | -0.07 | -0.03 |
|        | 0.00   | 0.00  | -0.11 | 0.00  | 0.00  | 0.00  | 0.00  | -0.23 | -3.57  | 0.00  | 0.00  | -0.62  | -1.71  | -1.05 | 0.00  | 0.00  | -0.11 | -2.04  | -4.11  | -4.06  | -4.98  | -1.86  | 0.00  | 0.00  |
| H Q    | 59.81  | 55.77 | 49.89 | 47.09 | 46.75 | 51.36 | 50.24 | 65.01 | 52.97  | 62.46 | 44.48 | 40.74  | 36.93  | 38.18 | 38.64 | 39.06 | 42.39 | 56.77  | 130.63 | 70.80  | 34.88  | 39.01  | 46.80 | 41.64 |
| 61844  | -1.58  | -1.49 | -1.31 | -1.26 | -1.23 | -1.37 | -1.40 | -1.56 | -1.35  | -1.77 | -1.30 | -1.13  | -1.11  | -0.94 | -0.91 | -0.85 | -0.88 | -1.04  | -2.28  | -1.39  | -0.78  | -0.88  | -1.05 | -0.85 |
|        | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 1.19   | 3.24   | 1.99  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | -1.54  | 0.00   | 0.00   | 0.00  | 0.00  |
| HUD VL | 66.67  | 61.93 | 55.80 | 52.17 | 51.72 | 56.94 | 56.02 | 72.95 | 75.54  | 69.75 | 50.00 | 47.45  | 46.28  | 45.41 | 42.93 | 43.30 | 47.49 | 72.16  | 162.19 | 96.74  | 63.03  | 52.14  | 52.11 | 45.91 |
| 61758  | 5.28   | 4.67  | 4.09  | 3.81  | 3.74  | 4.21  | 4.39  | 5.31  | 4.42   | 5.52  | 4.23  | 3.89   | 3.64   | 3.46  | 3.38  | 3.39  | 3.71  | 4.73   | 9.90   | 5.88   | 3.22   | 3.51   | 4.26  | 3.41  |
|        | 0.00   | 0.00  | -0.52 | 0.00  | 0.00  | 0.00  | 0.00  | -1.08 | -16.80 | 0.00  | 0.00  | -0.50  | -1.37  | -0.84 | 0.00  | 0.00  | -0.52 | -9.62  | -19.38 | -20.21 | -24.15 | -8.75  | 0.00  | 0.00  |
| LONGIL | 82.21  | 63.49 | 56.95 | 53.07 | 52.63 | 58.06 | 56.98 | 74.21 | 76.69  | 70.61 | 58.56 | 64.43  | 65.50  | 53.53 | 43.83 | 45.29 | 48.39 | 73.29  | 163.94 | 97.93  | 64.08  | 52.97  | 61.24 | 47.58 |
| 61762  | 7.11   | 6.22  | 5.24  | 4.71  | 4.66  | 5.33  | 5.34  | 6.55  | 5.38   | 6.52  | 5.37  | 4.98   | 4.73   | 4.50  | 4.33  | 4.41  | 4.61  | 5.74   | 11.42  | 6.77   | 3.95   | 4.24   | 5.60  | 4.60  |
|        | -13.70 | 0.00  | -0.52 | 0.00  | 0.00  | 0.00  | 0.00  | -1.09 | -16.99 | 0.14  | -7.42 | -16.39 | -19.50 | -7.93 | 0.05  | -0.97 | -0.53 | -9.74  | -19.60 | -20.51 | -24.47 | -8.85  | -7.80 | -0.48 |
| MHK VL | 63.82  | 59.52 | 53.30 | 50.35 | 50.00 | 55.06 | 54.01 | 69.87 | 61.08  | 67.35 | 47.76 | 44.89  | 43.07  | 42.74 | 41.07 | 41.34 | 44.94 | 62.45  | 143.19 | 78.64  | 43.32  | 43.88  | 49.76 | 43.91 |
| 61756  | 2.43   | 2.26  | 1.98  | 2.00  | 2.02  | 2.34  | 2.38  | 3.03  | 2.47   | 3.12  | 1.99  | 1.83   | 1.79   | 1.63  | 1.51  | 1.43  | 1.56  | 2.24   | 5.33   | 3.08   | 1.57   | 1.70   | 1.91  | 1.41  |
|        | 0.00   | 0.00  | -0.13 | 0.00  | 0.00  | 0.00  | 0.00  | -0.27 | -4.30  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | -0.13 | -2.41  | -4.94  | -4.92  | -6.09  | -2.30  | 0.00  | 0.00  |
| MILLWD | 66.71  | 61.97 | 55.82 | 52.17 | 51.73 | 56.94 | 56.01 | 72.89 | 75.77  | 69.85 | 50.14 | 47.61  | 46.46  | 45.60 | 43.10 | 43.45 | 47.62 | 72.33  | 162.09 | 96.88  | 63.34  | 52.22  | 52.11 | 45.91 |
| 61759  | 5.32   | 4.71  | 4.10  | 3.82  | 3.76  | 4.21  | 4.37  | 5.23  | 4.42   | 5.63  | 4.37  | 4.05   | 3.82   | 3.65  | 3.55  | 3.53  | 3.83  | 4.75   | 9.52   | 5.69   | 3.16   | 3.47   | 4.26  | 3.41  |
|        | 0.00   | 0.00  | -0.52 | 0.00  | 0.00  | 0.00  | 0.00  | -1.09 | -17.03 | 0.00  | 0.00  | -0.50  | -1.37  | -0.84 | 0.00  | 0.00  | -0.53 | -9.77  | -19.64 | -20.54 | -24.52 | -8.87  | 0.00  | 0.00  |
| N.Y.C. | 67.50  | 62.73 | 56.44 | 52.79 | 52.33 | 57.60 | 56.69 | 73.61 | 76.27  | 72.99 | 50.76 | 49.53  | 49.85  | 47.04 | 44.53 | 44.00 | 48.17 | 72.86  | 162.49 | 97.30  | 63.67  | 52.63  | 52.69 | 46.46 |
| 61761  | 6.10   | 5.46  | 4.72  | 4.44  | 4.35  | 4.86  | 5.06  | 5.95  | 4.96   | 6.34  | 4.98  | 4.59   | 4.31   | 4.17  | 4.07  | 4.08  | 4.38  | 5.30   | 9.98   | 6.14   | 3.54   | 3.90   | 4.84  | 3.96  |
|        | 0.00   | 0.00  | -0.52 | 0.00  | 0.00  | -0.01 | 0.00  | -1.09 | -16.99 | -2.42 | -0.01 | -1.88  | -4.26  | -1.77 | -0.91 | -0.01 | -0.53 | -9.74  | -19.60 | -20.51 | -24.46 | -8.85  | 0.00  | 0.00  |
| NORTH  | 59.50  | 55.52 | 49.66 | 46.83 | 46.49 | 51.09 | 49.93 | 64.75 | 53.43  | 62.16 | 44.15 | 34.55  | 20.72  | 28.00 | 38.17 | 38.65 | 42.09 | 57.02  | 132.01 | 70.33  | 35.57  | 39.03  | 46.37 | 41.25 |
| 61755  | -1.89  | -1.74 | -1.55 | -1.53 | -1.49 | -1.64 | -1.70 | -1.85 | -1.42  | -2.07 | -1.62 | -1.60  | -1.67  | -1.49 | -1.38 | -1.27 | -1.19 | -1.09  | -1.52  | -0.93  | -0.84  | -1.13  | -1.48 | -1.25 |
|        | 0.00   | 0.00  | -0.02 | 0.00  | 0.00  | 0.00  | 0.00  | -0.03 | -0.53  | 0.00  | 0.00  | 6.91   | 18.88  | 11.62 | 0.00  | 0.00  | -0.02 | -0.31  | -0.61  | -0.61  | -0.75  | -0.28  | 0.00  | 0.00  |
| NPX    | 64.53  | 60.55 | 54.80 | 50.52 | 50.61 | 55.41 | 54.10 | 68.46 | 76.97  | 65.37 | 48.43 | 42.08  | 34.07  | 40.68 | 5.80  | 22.27 | 46.24 | 69.00  | 162.76 | 92.66  | 65.39  | 52.31  | 50.47 | 44.40 |
| 61845  | 3.62   | 3.29  | 3.01  | 2.67  | 2.63  | 2.69  | 2.69  | 3.32  | 3.11   | 3.57  | 2.66  | 2.40   | 2.27   | 2.18  | 2.11  | 2.11  | 2.38  | 3.16   | 7.30   | 4.22   | 2.01   | 2.25   | 2.62  | 1.91  |
|        | 0.49   | 0.00  | -0.60 | 0.50  | 0.00  | 0.00  | 0.23  | 1.43  | -19.55 | 2.42  | 0.00  | 3.38   | 9.48   | 2.61  | 35.86 | 19.75 | -0.60 | -8.04  | -22.55 | -17.79 | -27.72 | -10.18 | 0.00  | 0.00  |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |        |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|-------|-------|-------|-------|
| OH<br>61846   | 60.40 | 56.94 | 50.90 | 48.36 | 47.96 | 52.93 | 51.37 | 65.75 | 54.65 | 64.09 | 45.31 | 42.80 | 42.46 | 41.13 | 38.51 | 38.53 | 55.75  | 63.32 | 145.47 | 67.78 | 39.27 | 40.51 | 46.43 | 41.54 |
|               | -1.00 | -0.33 | -0.42 | 0.01  | -0.01 | 0.20  | -0.26 | -1.41 | -0.78 | -0.14 | -0.46 | -0.89 | -0.53 | -1.04 | -1.04 | -1.38 | -2.05  | -3.44 | -6.48  | -3.41 | -1.62 | -1.43 | -1.42 | -0.96 |
|               | 0.00  | 0.00  | -0.12 | 0.00  | 0.00  | 0.00  | 0.00  | -0.59 | -1.12 | 0.00  | 0.00  | -0.63 | -1.71 | -1.05 | 0.00  | 0.00  | -14.54 | -8.96 | -19.03 | -0.53 | -5.23 | -2.05 | 0.00  | 0.00  |
| PJM<br>61847  | 22.61 | 55.79 | 48.77 | 49.61 | 49.19 | 54.28 | 53.17 | 68.27 | 62.61 | 66.43 | 47.12 | 44.80 | 44.41 | 42.96 | 40.43 | 40.47 | 43.75  | 61.69 | 138.40 | 78.45 | 40.51 | 38.66 | 48.42 | 43.03 |
|               | 0.97  | 1.17  | 0.99  | 1.26  | 1.21  | 1.56  | 1.54  | 1.23  | 0.92  | 2.04  | 1.34  | 1.03  | 1.24  | 0.74  | 0.81  | 0.56  | 0.26   | -0.19 | -0.63  | 0.04  | 0.05  | 0.19  | 0.57  | 0.53  |
|               | 39.75 | 2.64  | 3.41  | 0.00  | 0.00  | 0.00  | 0.00  | -0.47 | -7.38 | -0.17 | 0.00  | -0.72 | -1.90 | -1.11 | -0.06 | 0.00  | -0.23  | -4.07 | -6.11  | -7.76 | -4.79 | 1.42  | 0.00  | 0.00  |
| WEST<br>61752 | 61.45 | 57.95 | 51.80 | 49.25 | 48.81 | 53.93 | 52.42 | 66.74 | 58.70 | 65.51 | 46.29 | 43.70 | 43.28 | 41.75 | 39.12 | 39.12 | 41.98  | 57.17 | 126.44 | 66.29 | 39.95 | 41.15 | 47.17 | 42.22 |
|               | 0.06  | 0.69  | 0.48  | 0.89  | 0.84  | 1.21  | 0.78  | -0.09 | 0.27  | 1.28  | 0.52  | 0.02  | 0.30  | -0.41 | -0.43 | -0.79 | -1.41  | -2.53 | -4.47  | -2.19 | -1.13 | -0.88 | -0.68 | -0.27 |
|               | 0.00  | 0.00  | -0.13 | 0.00  | 0.00  | 0.00  | 0.00  | -0.27 | -4.12 | 0.00  | 0.00  | -0.62 | -1.71 | -1.05 | 0.00  | 0.00  | -0.13  | -1.90 | 2.01   | 2.17  | -5.41 | -2.15 | 0.00  | 0.00  |