

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/07/2021

| 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 | 26.82 | 25.85 | 24.27 | 20.38 | 20.95 | 21.01 | 24.12 | 25.85 | 23.99 | 22.19  | 29.36  | 43.11 | 53.19  | 74.19   | 72.03   | 73.99  | 87.31   | 70.00   | 168.30  | 16.69   | 13.02   | 20.36  | 24.52  | 36.60 |
| 61757  | 1.99  | 1.90  | 1.78  | 1.50  | 1.54  | 1.53  | 1.80  | 1.92  | 1.82  | 1.59   | 2.01   | 2.78  | 3.47   | 4.80    | 4.60    | 4.70   | 5.95    | 3.94    | 11.60   | 0.34    | 0.52    | 1.34   | 1.43   | 2.51  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.07  | 0.00   | 0.00    | 0.00    | 0.00   | -2.99   | -14.89  | -10.04  | -11.70  | -6.10   | -2.48  | -4.22  | 0.00  |
| CENTRL | 25.33 | 24.30 | 22.82 | 19.13 | 19.72 | 19.77 | 22.63 | 24.23 | 22.46 | 21.39  | 28.96  | 43.79 | 55.61  | 78.02   | 75.65   | 77.31  | 85.11   | 54.08   | 148.13  | 4.72    | 6.44    | 18.69  | 20.47  | 35.42 |
| 61754  | 0.50  | 0.35  | 0.32  | 0.25  | 0.30  | 0.28  | 0.31  | 0.30  | 0.28  | 0.36   | 0.56   | 0.95  | 1.34   | 2.11    | 2.03    | 1.84   | 1.57    | 1.04    | 1.48    | 0.07    | 0.04    | 0.16   | 0.31   | 0.40  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.44  | -1.06  | -2.44 | -4.55  | -6.51   | -6.18   | -6.19  | -5.17   | -1.86   | 0.00    | 0.00    | -0.01   | -1.99  | -1.28  | -0.93 |
| DUNWOD | 27.33 | 26.39 | 24.72 | 20.69 | 21.30 | 21.36 | 24.55 | 26.31 | 24.45 | 22.70  | 30.25  | 44.86 | 54.94  | 77.15   | 75.29   | 77.34  | 120.55  | 508.25  | 666.98  | 125.12  | 77.03   | 55.05  | 55.65  | 38.10 |
| 61760  | 2.50  | 2.44  | 2.23  | 1.82  | 1.88  | 1.87  | 2.23  | 2.38  | 2.28  | 2.10   | 2.91   | 4.38  | 5.22   | 7.75    | 7.86    | 8.06   | 9.38    | 5.33    | 15.13   | 0.47    | 0.68    | 1.77   | 2.02   | 4.00  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | -0.09 | 0.00   | 0.00    | 0.00    | 0.00   | -32.80  | -451.75 | -505.19 | -120.00 | -69.96  | -36.74 | -34.77 | 0.00  |
| GENESE | 25.19 | 24.19 | 22.78 | 19.06 | 19.71 | 19.70 | 22.37 | 23.81 | 22.09 | 18.99  | 27.33  | 40.93 | 50.60  | 71.02   | 68.47   | 70.34  | 77.60   | 51.38   | 144.30  | 4.59    | 6.21    | 15.47  | 18.26  | 33.31 |
| 61753  | 0.36  | 0.24  | 0.28  | 0.18  | 0.29  | 0.21  | 0.05  | -0.12 | -0.08 | 0.06   | 0.28   | 0.53  | 0.88   | 1.67    | 1.56    | 1.06   | 0.06    | 0.20    | -2.36   | -0.06   | -0.19   | -0.36  | -0.12  | -0.55 |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 1.67   | 0.29   | 0.00  | 0.00   | 0.05    | 0.52    | 0.00   | 0.84    | 0.00    | 0.00    | 0.00    | 0.00    | 0.71   | 0.48   | 0.23  |
| H Q    | 24.07 | 23.24 | 21.82 | 18.33 | 18.83 | 18.92 | 21.68 | 23.28 | 21.55 | 20.02  | 26.54  | 39.24 | 48.32  | 67.31   | 65.33   | 67.22  | 76.00   | 54.51   | 142.85  | 4.53    | 6.23    | 16.08  | 18.23  | 33.14 |
| 61844  | -0.76 | -0.72 | -0.68 | -0.55 | -0.59 | -0.56 | -0.64 | -0.65 | -0.62 | -0.58  | -0.80  | -1.16 | -1.40  | -2.09   | -2.10   | -2.07  | -2.37   | -1.47   | -3.81   | -0.12   | -0.17   | -0.45  | -0.52  | -0.96 |
|        | 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    | -4.80   | 0.00    | 0.00    | 0.00    | 0.00   | 0.12   | 0.00  |
| HUD VL | 26.93 | 26.01 | 24.38 | 20.42 | 21.02 | 21.08 | 24.21 | 25.95 | 24.10 | 22.36  | 29.77  | 44.11 | 54.09  | 75.91   | 74.05   | 76.10  | 88.19   | 154.07  | 354.57  | 10.82   | 5.33    | 12.38  | 23.60  | 37.51 |
| 61758  | 2.10  | 2.06  | 1.89  | 1.54  | 1.60  | 1.59  | 1.89  | 2.02  | 1.92  | 1.76   | 2.42   | 3.64  | 4.37   | 6.52    | 6.62    | 6.81   | 8.00    | 4.66    | 13.13   | 0.41    | 0.60    | 1.57   | 1.76   | 3.41  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | -0.07 | 0.00   | 0.00    | 0.00    | 0.00   | -1.82   | -98.23  | -194.79 | -5.75   | 1.66    | 5.72   | -2.97  | 0.00  |
| LONGIL | 27.56 | 26.73 | 25.02 | 20.92 | 21.53 | 21.51 | 24.64 | 26.32 | 24.34 | 21.84  | 30.99  | 49.70 | 111.87 | 251.66  | 234.84  | 156.92 | 202.55  | 501.38  | 905.24  | 557.73  | 120.18  | 55.66  | 54.91  | 41.03 |
| 61762  | 2.73  | 2.77  | 2.52  | 2.04  | 2.11  | 2.03  | 2.33  | 2.39  | 2.35  | 2.12   | 3.31   | 5.02  | 5.88   | 8.63    | 8.50    | 8.51   | 9.84    | 5.03    | 15.53   | 0.52    | 0.79    | 1.94   | 2.08   | 4.36  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.18  | 0.87   | -0.34  | -4.28 | -56.27 | -173.63 | -158.91 | -79.13 | -114.34 | -445.17 | -743.06 | -552.56 | -112.99 | -37.18 | -33.96 | -2.58 |
| MHK VL | 25.79 | 24.82 | 23.29 | 19.55 | 20.11 | 20.22 | 23.22 | 24.97 | 23.19 | 21.59  | 28.68  | 42.45 | 52.35  | 73.07   | 71.03   | 72.85  | 82.46   | 74.66   | 187.38  | 4.89    | 6.72    | 17.38  | 18.84  | 35.63 |
| 61756  | 0.95  | 0.87  | 0.80  | 0.67  | 0.70  | 0.74  | 0.91  | 1.04  | 1.02  | 0.99   | 1.34   | 2.05  | 2.63   | 3.67    | 3.56    | 3.57   | 3.97    | 2.58    | 7.29    | 0.24    | 0.33    | 0.85   | 0.93   | 1.54  |
|        | 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    | -0.03   | 0.00   | -0.12   | -20.90  | -33.43  | 0.00    | 0.00    | 0.00   | 0.97   | 0.00  |
| MILLWD | 27.15 | 26.22 | 24.57 | 20.57 | 21.17 | 21.24 | 24.39 | 26.15 | 24.30 | 22.54  | 30.03  | 44.52 | 54.57  | 76.63   | 74.77   | 76.82  | 142.84  | 892.25  | 993.02  | 240.40  | 153.29  | 104.53 | 86.80  | 37.84 |
| 61759  | 2.32  | 2.27  | 2.07  | 1.70  | 1.76  | 1.75  | 2.08  | 2.22  | 2.12  | 1.94   | 2.68   | 4.03  | 4.85   | 7.24    | 7.34    | 7.54   | 8.84    | 5.06    | 14.39   | 0.45    | 0.64    | 1.67   | 1.90   | 3.74  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | -0.08 | 0.00   | 0.00    | 0.00    | 0.00   | -55.63  | -836.02 | -831.97 | -235.31 | -146.25 | -86.32 | -66.03 | 0.00  |
| N.Y.C. | 27.57 | 26.61 | 24.90 | 20.84 | 21.45 | 21.53 | 24.78 | 26.53 | 28.79 | 43.18  | 54.26  | 52.19 | 55.58  | 77.47   | 75.70   | 77.66  | 120.44  | 497.83  | 656.57  | 122.78  | 75.60   | 54.20  | 55.08  | 46.50 |
| 61761  | 2.73  | 2.66  | 2.41  | 1.97  | 2.03  | 2.05  | 2.46  | 2.60  | 2.43  | 2.21   | 3.03   | 4.54  | 5.43   | 8.08    | 8.26    | 8.38   | 9.68    | 5.17    | 14.81   | 0.46    | 0.67    | 1.80   | 2.10   | 4.31  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -4.19 | -20.37 | -23.88 | -7.25 | -0.43  | 0.00    | -0.01   | 0.00   | -32.39  | -441.49 | -495.11 | -117.67 | -68.54  | -35.86 | -34.11 | -8.10 |
| NORTH  | 24.07 | 23.19 | 21.76 | 18.30 | 18.79 | 18.94 | 21.70 | 23.35 | 21.63 | 20.12  | 26.64  | 39.42 | 48.60  | 67.50   | 65.46   | 67.31  | 75.98   | 49.75   | 143.52  | 4.55    | 6.26    | 16.15  | 18.41  | 33.19 |
| 61755  | -0.77 | -0.77 | -0.74 | -0.58 | -0.63 | -0.55 | -0.61 | -0.57 | -0.54 | -0.48  | -0.70  | -0.98 | -1.12  | -1.89   | -1.97   | -1.98  | -2.39   | -1.42   | -3.14   | -0.10   | -0.14   | -0.39  | -0.46  | -0.91 |
|        | 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    | 26.44 | 25.57 | 24.04 | 20.20 | 20.76 | 20.80 | 23.60 | 25.69 | 23.72 | 21.92  | 28.97  | 42.19 | 52.30  | 73.82   | 70.23   | 74.73  | 103.84  | 220.02  | 353.93  | 47.75   | 31.42   | 30.19  | 33.14  | 36.55 |
| 61845  | 1.61  | 1.62  | 1.55  | 1.32  | 1.34  | 1.32  | 1.51  | 1.62  | 1.54  | 1.32   | 1.63   | 2.20  | 2.58   | 3.92    | 3.72    | 4.04   | 5.18    | 3.26    | 9.45    | 0.27    | 0.43    | 1.13   | 1.22   | 2.36  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.22  | -0.13 | 0.00  | 0.00   | 0.00   | 0.42  | 0.00   | -0.51   | 0.92    | -1.41  | -20.29  | -165.59 | -197.82 | -42.83  | -24.59  | -12.52 | -13.06 | -0.09 |

|       |       |       |       |       |       |       |       |       |       |        |        |        |         |         |         |         |         |        |        |       |       |        |        |        |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|---------|---------|---------|---------|---------|--------|--------|-------|-------|--------|--------|--------|
| OH    | 24.54 | 23.62 | 22.32 | 18.70 | 19.39 | 19.31 | 21.75 | 23.01 | 21.34 | 14.93  | 15.58  | 17.07  | 14.43   | 16.48   | 17.41   | 17.80   | 35.74   | 34.59  | 138.86 | 4.44  | 5.81  | -1.77  | 4.91   | 21.86  |
| 61846 | -0.29 | -0.33 | -0.17 | -0.18 | -0.03 | -0.18 | -0.56 | -0.92 | -0.84 | -0.56  | -0.48  | -0.60  | -0.35   | 0.27    | 0.19    | -0.41   | -2.15   | -1.18  | -7.80  | -0.21 | -0.45 | -1.03  | -0.68  | -1.58  |
|       | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 5.11   | 11.28  | 22.73  | 34.94   | 53.19   | 50.20   | 51.08   | 40.47   | 15.40  | 0.00   | 0.00  | 0.14  | 17.27  | 13.27  | 10.66  |
| PJM   | 26.13 | 25.10 | 23.55 | 19.72 | 20.36 | 20.39 | 23.31 | 24.87 | 23.34 | 25.48  | 35.68  | 52.75  | 64.99   | 94.09   | 90.44   | 93.07   | 95.96   | 80.42  | 233.23 | 10.50 | 5.08  | 18.56  | 29.91  | 41.29  |
| 61847 | 1.29  | 1.15  | 1.06  | 0.85  | 0.94  | 0.90  | 0.99  | 0.94  | 0.88  | 0.92   | 1.35   | 2.08   | 2.63    | 4.18    | 4.17    | 3.96    | 3.84    | 2.13   | 4.00   | 0.15  | 0.17  | 0.56   | 0.89   | 1.68   |
|       | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.28 | -3.96  | -6.99  | -10.27 | -12.64  | -20.51  | -18.84  | -19.83  | -13.74  | -27.11 | -82.58 | -5.69 | 1.49  | -1.48  | -10.16 | -5.51  |
| WEST  | 25.38 | 24.30 | 22.91 | 19.19 | 19.89 | 19.82 | 22.40 | 23.74 | 22.07 | 35.27  | 61.51  | 113.05 | 171.36  | 251.29  | 238.87  | 244.70  | 213.85  | 103.31 | 143.70 | 4.59  | 6.53  | 62.30  | 56.89  | 62.70  |
| 61752 | 0.54  | 0.34  | 0.42  | 0.32  | 0.47  | 0.33  | 0.08  | -0.19 | -0.10 | 0.20   | 0.52   | 0.90   | 1.57    | 3.07    | 2.93    | 2.41    | 0.87    | 0.72   | -2.96  | -0.06 | -0.26 | -0.51  | 0.01   | -0.40  |
|       | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -14.46 | -33.65 | -71.75 | -120.06 | -178.83 | -168.51 | -173.00 | -134.61 | -51.41 | 0.00   | 0.00  | -0.39 | -46.27 | -38.02 | -29.00 |