

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/04/2022

| 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 | 92.12   | 89.96   | 83.11  | 80.38  | 72.69  | 67.80  | 80.62  | 122.69  | 137.23  | 108.14 | 121.26 | 132.03  | 129.33  | 130.38  | 115.24  | 109.57 | 133.97  | 141.89  | 117.33  | 92.14  | 88.18  | 83.14  | 84.10  | 88.45  |
| 61757  | -0.57   | -0.97   | -0.46  | -0.13  | 0.25   | 0.12   | 0.47   | 0.13    | -0.15   | 0.78   | 1.04   | 0.31    | 0.65    | 0.26    | 0.72    | 0.63   | -0.13   | 0.06    | 0.71    | 3.06   | 3.34   | 3.16   | 0.86   | 0.10   |
|        | -105.53 | -113.33 | -94.13 | -83.71 | -67.27 | -64.92 | -70.82 | -119.88 | -140.19 | -91.51 | -99.40 | -125.75 | -116.29 | -124.99 | -100.07 | -94.33 | -136.71 | -140.67 | -103.02 | -29.88 | -17.85 | -12.39 | -64.45 | -86.17 |
| CENTRL | 4.38    | -3.39   | 4.89   | 10.54  | 16.36  | 13.54  | 21.32  | 22.80   | 20.78   | 31.60  | 38.23  | 27.00   | 31.72   | 25.62   | 31.00   | 30.37  | 19.57   | 24.02   | 30.65   | 65.14  | 71.69  | 72.52  | 29.98  | 16.28  |
| 61754  | -0.23   | -0.42   | -0.17  | -0.05  | 0.07   | 0.04   | 0.19   | 0.05    | -0.05   | 0.33   | 0.36   | 0.09    | 0.18    | 0.08    | 0.10    | 0.30   | -0.06   | 0.02    | 0.24    | 1.07   | 1.42   | 1.59   | 0.44   | 0.05   |
|        | -17.46  | -19.43  | -15.62 | -13.78 | -11.12 | -10.74 | -11.79 | -20.08  | -23.64  | -15.43 | -17.06 | -20.94  | -19.15  | -20.42  | -16.45  | -15.46 | -22.25  | -22.83  | -16.81  | -4.88  | -3.29  | -3.34  | -10.74 | -14.05 |
| DUNWOD | 63.64   | 59.16   | 57.78  | 58.04  | 54.93  | 50.59  | 61.95  | 90.55   | 99.00   | 83.67  | 94.75  | 98.01   | 98.00   | 96.52   | 88.46   | 84.72  | 97.23   | 104.25  | 90.06   | 85.38  | 84.77  | 81.51  | 67.19  | 65.16  |
| 61760  | -0.97   | -1.63   | -0.77  | -0.23  | 0.37   | 0.21   | 0.73   | 0.24    | -0.17   | 1.19   | 1.52   | 0.42    | 0.88    | 0.36    | 1.06    | 1.17   | -0.20   | 0.11    | 1.05    | 4.33   | 4.66   | 4.63   | 1.44   | 0.17   |
|        | -77.47  | -83.18  | -69.10 | -61.47 | -49.39 | -47.62 | -51.89 | -87.63  | -101.98 | -66.63 | -72.41 | -91.62  | -84.74  | -91.03  | -72.96  | -68.95 | -100.05 | -102.98 | -75.41  | -21.85 | -13.14 | -9.30  | -46.95 | -62.81 |
| GENESE | 0.55    | -3.03   | 0.61   | 6.87   | 13.33  | 10.60  | 17.97  | 17.12   | 14.17   | 26.95  | 32.11  | 21.24   | 26.44   | 20.22   | 26.30   | 25.94  | 13.66   | 17.90   | 25.74   | 61.83  | 67.08  | 64.19  | 25.99  | 12.45  |
| 61753  | -0.26   | -0.51   | -0.18  | -0.03  | 0.04   | 0.01   | 0.10   | 0.00    | -0.06   | -0.02  | -0.18  | -0.03   | -0.08   | -0.02   | -0.22   | 0.00   | -0.03   | -0.05   | -0.14   | -0.57  | -0.18  | 0.10   | 0.01   | 0.01   |
|        | -13.66  | -19.88  | -11.35 | -10.10 | -8.12  | -7.83  | -8.53  | -14.44  | -17.04  | -11.13 | -11.48 | -15.30  | -14.14  | -15.12  | -12.08  | -11.33 | -16.31  | -16.78  | -12.27  | -3.20  | -0.28  | 3.50   | -7.18  | -10.26 |
| H Q    | -12.75  | -22.26  | -10.49 | -3.18  | 5.15   | 2.75   | 9.24   | 2.65    | -2.78   | 15.69  | 20.63  | 5.92    | 12.28   | 5.08    | 14.39   | 14.45  | -2.59   | 1.14    | 13.49   | 58.71  | 66.38  | 67.02  | 18.60  | 2.16   |
| 61844  | 0.10    | 0.14    | 0.06   | 0.02   | -0.02  | -0.01  | -0.09  | -0.03   | 0.03    | -0.16  | -0.18  | -0.05   | -0.10   | -0.05   | -0.07   | -0.16  | 0.03    | -0.02   | -0.12   | -0.49  | -0.60  | -0.57  | -0.19  | -0.02  |
|        | 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   |
| HUD VL | 62.64   | 58.12   | 56.88  | 57.20  | 54.21  | 49.92  | 61.22  | 89.44   | 97.60   | 82.62  | 93.58  | 96.70   | 96.72   | 95.20   | 87.36   | 83.62  | 95.90   | 103.00  | 89.10   | 84.73  | 84.27  | 81.01  | 66.42  | 64.24  |
| 61758  | -0.89   | -1.50   | -0.70  | -0.20  | 0.34   | 0.19   | 0.67   | 0.22    | -0.17   | 1.09   | 1.40   | 0.39    | 0.82    | 0.33    | 0.95    | 1.05   | -0.18   | 0.10    | 0.96    | 3.94   | 4.30   | 4.23   | 1.30   | 0.15   |
|        | -76.38  | -82.01  | -68.14 | -60.60 | -48.70 | -46.97 | -51.22 | -86.55  | -100.58 | -65.69 | -71.37 | -90.34  | -83.52  | -89.74  | -71.95  | -67.96 | -98.70  | -101.74 | -74.54  | -21.60 | -12.98 | -9.19  | -46.33 | -61.91 |
| LONGIL | 63.42   | 58.78   | 57.57  | 58.01  | 55.09  | 50.67  | 62.14  | 90.66   | 99.02   | 83.95  | 95.17  | 98.16   | 98.19   | 96.59   | 88.52   | 84.87  | 97.30   | 104.34  | 90.20   | 86.23  | 85.39  | 82.33  | 67.51  | 65.23  |
| 61762  | -1.25   | -2.06   | -1.02  | -0.31  | 0.50   | 0.25   | 0.89   | 0.30    | -0.21   | 1.43   | 1.89   | 0.50    | 1.01    | 0.36    | 1.06    | 1.27   | -0.20   | 0.13    | 1.14    | 5.17   | 5.26   | 5.44   | 1.74   | 0.20   |
|        | -77.52  | -83.24  | -69.15 | -61.51 | -49.42 | -47.65 | -51.92 | -87.67  | -102.04 | -66.67 | -72.47 | -91.69  | -84.80  | -91.10  | -73.00  | -69.00 | -100.12 | -103.05 | -75.46  | -21.87 | -13.15 | -9.30  | -46.98 | -62.85 |
| MHK VL | 4.09    | -4.47   | 4.60   | 10.56  | 16.30  | 13.37  | 20.81  | 21.74   | 19.54   | 30.85  | 37.02  | 26.06   | 30.92   | 24.91   | 30.36   | 29.88  | 18.47   | 22.77   | 29.98   | 65.67  | 71.90  | 71.47  | 29.59  | 16.12  |
| 61756  | -0.17   | -0.29   | -0.16  | -0.04  | 0.08   | 0.05   | 0.22   | 0.07    | -0.07   | 0.49   | 0.65   | 0.18    | 0.37    | 0.14    | 0.44    | 0.42   | -0.07   | 0.04    | 0.40    | 1.74   | 2.08   | 2.01   | 0.51   | 0.05   |
|        | -17.12  | -18.23  | -15.31 | -13.81 | -11.05 | -10.56 | -11.25 | -18.99  | -22.42  | -14.51 | -15.56 | -19.91  | -18.17  | -19.64  | -15.46  | -14.85 | -21.15  | -21.57  | -15.98  | -4.74  | -2.84  | -1.88  | -10.29 | -13.89 |
| MILLWD | 64.03   | 59.56   | 58.10  | 58.32  | 55.13  | 50.80  | 62.17  | 90.97   | 99.49   | 83.95  | 95.06  | 98.45   | 98.38   | 96.94   | 88.80   | 85.03  | 97.71   | 104.73  | 90.39   | 85.37  | 84.75  | 81.42  | 67.36  | 65.40  |
| 61759  | -0.94   | -1.57   | -0.74  | -0.22  | 0.36   | 0.20   | 0.71   | 0.23    | -0.17   | 1.17   | 1.49   | 0.41    | 0.85    | 0.35    | 1.03    | 1.13   | -0.20   | 0.11    | 1.02    | 4.22   | 4.57   | 4.50   | 1.39   | 0.16   |
|        | -77.82  | -83.54  | -69.40 | -61.73 | -49.60 | -47.83 | -52.13 | -88.06  | -102.48 | -66.94 | -72.76 | -92.07  | -85.14  | -91.46  | -73.32  | -69.29 | -100.52 | -103.46 | -75.77  | -21.96 | -13.20 | -9.34  | -47.18 | -63.05 |
| N.Y.C. | 63.63   | 59.13   | 57.78  | 58.07  | 54.98  | 50.63  | 62.02  | 90.60   | 99.04   | 83.78  | 94.85  | 98.07   | 98.06   | 96.58   | 88.57   | 84.87  | 97.27   | 104.30  | 90.16   | 85.66  | 85.07  | 81.79  | 67.32  | 65.21  |
| 61761  | -1.02   | -1.69   | -0.80  | -0.23  | 0.39   | 0.22   | 0.77   | 0.26    | -0.18   | 1.27   | 1.59   | 0.43    | 0.90    | 0.38    | 1.13    | 1.27   | -0.21   | 0.13    | 1.11    | 4.60   | 4.94   | 4.91   | 1.55   | 0.19   |
|        | -77.51  | -83.22  | -69.14 | -61.50 | -49.41 | -47.64 | -51.91 | -87.66  | -102.02 | -66.66 | -72.45 | -91.67  | -84.77  | -91.07  | -72.99  | -68.99 | -100.10 | -103.01 | -75.44  | -21.86 | -13.14 | -9.30  | -46.97 | -62.84 |
| NORTH  | -12.70  | -22.19  | -10.46 | -3.17  | 5.15   | 2.76   | 9.18   | 2.63    | -2.77   | 15.61  | 20.59  | 5.91    | 12.25   | 5.07    | 14.79   | 14.36  | -2.57   | 1.12    | 13.45   | 58.60  | 66.17  | 66.86  | 18.47  | 2.15   |
| 61755  | 0.15    | 0.21    | 0.09   | 0.03   | -0.02  | 0.00   | -0.15  | -0.05   | 0.04    | -0.24  | -0.22  | -0.06   | -0.14   | -0.06   | 0.34    | -0.25  | 0.05    | -0.04   | -0.16   | -0.60  | -0.81  | -0.72  | -0.33  | -0.03  |
|        | 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    | 74.64   | 71.16   | 67.54  | 66.56  | 61.59  | 57.32  | 68.78  | 102.48  | 113.29  | 92.44  | 104.27 | 110.65  | 109.52  | 109.09  | 98.25   | 93.69  | 111.06  | 118.35  | 99.99   | 86.69  | 84.63  | 81.07  | 72.48  | 73.64  |
| 61845  | -0.60   | -1.04   | -0.49  | -0.14  | 0.25   | 0.13   | 0.44   | 0.14    | -0.11   | 0.66   | 0.94   | 0.28    | 0.58    | 0.23    | 0.66    | 0.59   | -0.11   | 0.06    | 0.63    | 2.64   | 2.76   | 2.54   | 0.77   | 0.09   |
|        | -88.10  | -94.59  | -78.58 | -69.90 | -56.16 | -54.42 | -59.00 | -99.67  | -116.20 | -75.94 | -82.51 | -104.40 | -96.55  | -103.73 | -83.13  | -78.49 | -113.78 | -117.12 | -85.76  | -24.85 | -14.90 | -10.95 | -52.92 | -71.36 |

|       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| OH    | 3.55   | 0.04   | 3.29   | 9.24   | 15.18  | 12.38  | 19.79  | 20.42  | 18.08  | 28.50  | 34.19  | 24.38  | 29.29  | 23.64  | 28.66  | 28.12  | 17.45  | 21.68  | 28.10  | 60.73  | 65.55  | 63.06  | 27.23  | 14.73  |
| 61846 | -0.22  | -0.49  | -0.16  | -0.02  | 0.00   | -0.03  | -0.06  | -0.06  | -0.01  | -0.46  | -0.83  | -0.20  | -0.46  | -0.16  | -0.71  | -0.37  | 0.03   | -0.10  | -0.54  | -2.33  | -2.00  | -1.45  | -0.36  | -0.03  |
|       | -16.62 | -22.93 | -14.00 | -12.45 | -10.01 | -9.65  | -10.51 | -17.80 | -20.91 | -13.12 | -14.21 | -18.61 | -17.36 | -18.68 | -14.92 | -13.88 | -20.04 | -20.61 | -15.04 | -3.87  | -0.56  | 3.08   | -8.80  | -12.57 |
| PJM   | 43.41  | 46.54  | 50.35  | 53.89  | 63.20  | 69.49  | 48.44  | 81.70  | 54.80  | 53.26  | 62.60  | 57.71  | 80.35  | 78.26  | 82.69  | 77.94  | 78.38  | 73.83  | 68.94  | 73.30  | 77.47  | 86.25  | 58.51  | 37.55  |
| 61847 | -0.66  | -1.19  | -0.52  | -0.14  | 0.22   | 0.12   | 0.42   | 0.11   | -0.10  | 0.58   | 0.61   | 0.16   | 0.36   | 0.15   | 0.27   | 0.57   | -0.11  | 0.03   | 0.44   | 1.78   | 2.25   | 2.86   | 0.91   | 0.10   |
|       | -56.93 | -70.13 | -61.42 | -57.23 | -57.81 | -66.61 | -38.69 | -78.91 | -57.70 | -36.83 | -41.18 | -51.58 | -67.61 | -72.98 | -67.97 | -62.77 | -81.11 | -72.64 | -54.89 | -12.32 | -8.24  | -15.81 | -38.81 | -35.27 |
| WEST  | 4.37   | 0.47   | 4.07   | 10.05  | 15.95  | 13.12  | 20.77  | 21.78  | 19.56  | 29.96  | 38.46  | 25.93  | 30.90  | 25.16  | 30.14  | 29.54  | 18.83  | 23.21  | 29.61  | 64.01  | 78.83  | 101.83 | 36.40  | 15.66  |
| 61752 | -0.46  | -0.95  | -0.34  | -0.07  | 0.08   | 0.03   | 0.17   | 0.00   | -0.08  | 0.00   | -0.23  | -0.05  | -0.14  | -0.03  | -0.33  | 0.02   | -0.04  | -0.05  | -0.17  | -0.68  | -0.07  | 0.60   | 0.22   | 0.03   |
|       | -17.68 | -23.82 | -14.97 | -13.31 | -10.70 | -10.33 | -11.26 | -19.10 | -22.45 | -14.11 | -17.88 | -20.01 | -18.65 | -20.07 | -16.02 | -14.90 | -21.49 | -22.10 | -16.17 | -5.50  | -11.91 | -33.65 | -17.39 | -13.45 |