

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/25/2022

| 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 | 245.14  | 135.19  | 167.10  | 147.31  | 137.21  | 117.20  | 96.96  | 117.81 | 113.05  | 129.87  | 131.53  | 120.63  | 117.01 | 121.13 | 137.55  | 135.77  | 137.47  | 343.45  | 150.18  | 156.36  | 167.12  | 155.09  | 157.35  | 270.24  |
| 61757  | -0.78   | -0.04   | -0.88   | -0.52   | -0.47   | 0.82    | 0.65   | 1.22   | 0.45    | 0.30    | 0.93    | 0.86    | 1.31   | 1.70   | 0.51    | 1.54    | 0.64    | -0.06   | 0.02    | -0.22   | -1.02   | -0.86   | -0.95   | -1.51   |
|        | -260.58 | -135.89 | -186.81 | -158.88 | -147.64 | -100.02 | -83.35 | -93.16 | -103.12 | -123.25 | -111.56 | -101.25 | -88.99 | -84.52 | -126.39 | -102.23 | -124.55 | -343.61 | -149.80 | -160.25 | -184.72 | -170.92 | -175.21 | -298.53 |
| CENTRL | 14.12   | 14.53   | 1.66    | 6.40    | 6.33    | 28.05   | 22.82  | 34.90  | 21.45   | 20.43   | 32.03   | 30.12   | 37.13  | 45.12  | 24.70   | 44.01   | 26.19   | 37.74   | 17.19   | 14.35   | 3.87    | 3.83    | 2.40    | 6.21    |
| 61754  | -0.46   | -0.02   | -0.56   | -0.30   | -0.27   | 0.44    | 0.45   | 0.82   | 0.32    | 0.21    | 0.66    | 0.59    | 0.80   | 1.08   | 0.32    | 0.89    | 0.32    | -0.06   | 0.01    | -0.11   | -0.49   | -0.39   | -0.44   | -0.71   |
|        | -29.24  | -15.22  | -21.05  | -17.77  | -16.57  | -11.25  | -9.41  | -10.64 | -11.67  | -13.89  | -12.33  | -11.01  | -9.63  | -9.14  | -13.74  | -11.12  | -13.59  | -37.90  | -16.82  | -18.12  | -20.94  | -19.19  | -19.76  | -33.69  |
| DUNWOD | 155.17  | 88.55   | 102.55  | 95.76   | 89.68   | 85.14   | 70.34  | 88.15  | 79.99   | 90.32   | 96.09   | 88.70   | 89.32  | 95.24  | 97.56   | 104.34  | 98.94   | 233.54  | 102.12  | 105.61  | 108.53  | 100.78  | 101.65  | 175.76  |
| 61760  | -1.23   | -0.05   | -1.60   | -0.81   | -0.72   | 1.15    | 0.91   | 1.66   | 0.72    | 0.50    | 1.51    | 1.52    | 2.28   | 2.96   | 0.91    | 2.76    | 1.08    | 0.02    | 0.02    | -0.24   | -1.13   | -1.07   | -1.19   | -1.73   |
|        | -171.06 | -89.27  | -122.98 | -107.63 | -100.36 | -67.63  | -56.48 | -63.04 | -69.80  | -83.50  | -75.55  | -68.65  | -60.34 | -57.38 | -86.01  | -69.58  | -85.59  | -233.63 | -101.73 | -109.51 | -126.24 | -116.82 | -119.75 | -204.26 |
| GENESE | 7.49    | 11.08   | -3.08   | 2.51    | 2.66    | 25.41   | 20.53  | 32.08  | 18.60   | 17.10   | 29.11   | 27.61   | 34.75  | 42.67  | 21.60   | 40.99   | 24.61   | 29.21   | 13.22   | 10.04   | -1.15   | -0.43   | -2.11   | -1.56   |
| 61753  | -0.38   | -0.01   | -0.46   | -0.24   | -0.21   | 0.40    | 0.35   | 0.57   | 0.19    | 0.12    | 0.40    | 0.37    | 0.41   | 0.53   | 0.11    | 0.23    | 0.06    | -0.11   | 0.00    | -0.13   | -0.55   | -0.37   | -0.47   | -0.85   |
|        | -22.53  | -11.76  | -16.21  | -13.81  | -12.83  | -8.66   | -7.23  | -8.07  | -8.93   | -10.66  | -9.66   | -8.72   | -7.64  | -7.23  | -10.83  | -8.76   | -12.27  | -29.43  | -12.86  | -13.84  | -15.98  | -14.91  | -15.28  | -26.05  |
| H Q    | -14.30  | -0.65   | -18.38  | -10.82  | -9.74   | 16.01   | -0.92  | 22.68  | 0.00    | -0.42   | -0.52   | 0.00    | 0.00   | 0.00   | -3.31   | 0.00    | -3.60   | -24.46  | 0.35    | -3.58   | -16.18  | -14.61  | -16.53  | -26.16  |
| 61844  | 0.37    | 0.01    | 0.45    | 0.24    | 0.22    | -0.35   | -0.33  | -0.57  | -0.24   | -0.16   | -0.53   | -0.51   | -0.76  | -1.01  | -0.30   | -0.91   | -0.34   | 0.04    | -0.01   | 0.08    | 0.40    | 0.36    | 0.39    | 0.61    |
|        | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 13.55  | 0.19   | 9.23    | 6.58    | 19.04   | 18.02   | 25.95  | 33.90  | 13.65   | 31.09   | 15.54   | 24.39   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| HUD VL | 152.87  | 87.27   | 100.90  | 93.50   | 87.35   | 83.47   | 68.86  | 86.51  | 78.32   | 88.42   | 94.15   | 86.90   | 87.65  | 93.57  | 95.32   | 102.33  | 96.67   | 227.72  | 99.66   | 103.23  | 105.87  | 98.35   | 99.12   | 171.28  |
| 61758  | -1.10   | -0.05   | -1.43   | -0.74   | -0.67   | 1.07    | 0.86   | 1.54   | 0.66    | 0.45    | 1.37    | 1.37    | 2.04   | 2.67   | 0.82    | 2.51    | 0.98    | 0.01    | 0.02    | -0.24   | -1.11   | -1.03   | -1.12   | -1.71   |
|        | -168.63 | -87.99  | -121.16 | -105.30 | -97.98  | -66.04  | -55.05 | -61.52 | -68.19  | -81.65  | -73.73  | -67.01  | -58.90 | -55.99 | -83.85  | -67.82  | -83.42  | -227.81 | -99.28  | -107.13 | -123.56 | -114.34 | -117.16 | -199.76 |
| LONGIL | 163.52  | 111.00  | 102.22  | 95.65   | 89.56   | 85.56   | 87.63  | 88.80  | 80.26   | 90.51   | 96.51   | 89.04   | 89.74  | 95.70  | 97.74   | 104.61  | 99.18   | 233.83  | 102.21  | 105.73  | 108.79  | 100.81  | 101.51  | 175.70  |
| 61762  | -1.57   | -0.07   | -2.10   | -1.04   | -0.93   | 1.50    | 1.28   | 2.26   | 0.92    | 0.61    | 1.85    | 1.80    | 2.65   | 3.36   | 1.01    | 2.97    | 1.25    | 0.07    | 0.02    | -0.21   | -0.99   | -1.15   | -1.43   | -1.98   |
|        | -179.75 | -111.75 | -123.15 | -107.75 | -100.45 | -67.69  | -73.40 | -63.10 | -69.87  | -83.58  | -75.61  | -68.71  | -60.39 | -57.43 | -86.09  | -69.64  | -85.67  | -233.86 | -101.83 | -109.61 | -126.36 | -116.92 | -119.85 | -204.44 |
| MHK VL | 10.87   | 13.00   | -0.43   | 5.24    | 4.90    | 27.00   | 21.75  | 33.74  | 20.30   | 19.28   | 30.46   | 28.43   | 35.47  | 43.35  | 22.16   | 42.19   | 24.22   | 32.92   | 14.75   | 11.75   | 0.87    | 1.42    | 0.06    | 2.94    |
| 61756  | -0.41   | -0.02   | -0.51   | -0.29   | -0.27   | 0.45    | 0.42   | 0.79   | 0.30    | 0.19    | 0.57    | 0.56    | 0.79   | 1.03   | 0.31    | 0.95    | 0.36    | -0.04   | 0.01    | -0.12   | -0.54   | -0.47   | -0.45   | -0.69   |
|        | -25.95  | -13.69  | -18.91  | -16.58  | -15.14  | -10.19  | -8.37  | -9.51  | -10.53  | -12.77  | -10.85  | -9.35   | -7.97  | -7.40  | -11.20  | -9.24   | -11.58  | -33.07  | -14.38  | -15.53  | -18.00  | -16.85  | -17.42  | -30.40  |
| MILLWD | 156.30  | 89.12   | 103.40  | 96.31   | 90.06   | 85.35   | 70.55  | 88.38  | 80.28   | 90.69   | 96.39   | 88.95   | 89.50  | 95.42  | 97.98   | 104.59  | 99.34   | 234.69  | 102.63  | 106.25  | 109.26  | 101.46  | 102.35  | 176.86  |
| 61759  | -1.18   | -0.05   | -1.53   | -0.77   | -0.70   | 1.10    | 0.88   | 1.61   | 0.70    | 0.48    | 1.45    | 1.46    | 2.18   | 2.84   | 0.87    | 2.66    | 1.04    | 0.02    | 0.02    | -0.24   | -1.12   | -1.05   | -1.16   | -1.70   |
|        | -172.14 | -89.84  | -123.76 | -108.14 | -100.71 | -67.89  | -56.72 | -63.33 | -70.12  | -83.89  | -75.90  | -68.97  | -60.62 | -57.67 | -86.46  | -69.93  | -86.02  | -234.78 | -102.25 | -110.15 | -126.96 | -117.48 | -120.43 | -205.33 |
| N.Y.C. | 155.28  | 88.63   | 102.62  | 95.81   | 89.70   | 85.24   | 70.42  | 88.28  | 80.10   | 86.38   | 90.76   | 88.87   | 89.54  | 95.52  | 97.69   | 104.59  | 99.08   | 229.86  | 102.18  | 105.68  | 108.61  | 100.85  | 101.69  | 175.95  |
| 61761  | -1.29   | -0.06   | -1.66   | -0.85   | -0.77   | 1.20    | 0.95   | 1.75   | 0.78    | 0.54    | 1.62    | 1.65    | 2.46   | 3.19   | 0.97    | 2.97    | 1.16    | 0.06    | 0.02    | -0.24   | -1.13   | -1.09   | -1.22   | -1.68   |
|        | -171.23 | -89.35  | -123.11 | -107.73 | -100.43 | -67.68  | -56.52 | -63.08 | -69.85  | -79.52  | -70.10  | -68.69  | -60.38 | -57.42 | -86.07  | -69.63  | -85.65  | -229.91 | -101.80 | -109.58 | -126.32 | -116.90 | -119.82 | -204.40 |
| NORTH  | -14.21  | -0.65   | -18.33  | -10.80  | -9.72   | 15.98   | 12.60  | 22.86  | 9.20    | 6.13    | 18.40   | 17.91   | 25.79  | 33.66  | 10.28   | 30.91   | 11.86   | -0.04   | 0.35    | -3.58   | -16.20  | -14.59  | -16.45  | -26.15  |
| 61755  | 0.46    | 0.02    | 0.50    | 0.26    | 0.23    | -0.38   | -0.35  | -0.59  | -0.27   | -0.19   | -0.64   | -0.61   | -0.92  | -1.25  | -0.36   | -1.09   | -0.41   | 0.06    | -0.01   | 0.08    | 0.37    | 0.37    | 0.46    | 0.62    |
|        | 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    | 200.23  | 111.89  | 134.50  | 120.30  | 112.15  | 100.65  | 80.38  | 102.16 | 88.20   | 92.16   | 88.33   | 82.38   | 81.93  | 91.08  | 96.62   | 99.64   | 101.46  | 287.50  | 129.26  | 130.69  | 137.59  | 127.79  | 130.50  | 217.61  |
| 61845  | -0.84   | -0.04   | -1.01   | -0.56   | -0.50   | 0.76    | 0.54   | 1.00   | 0.40    | 0.27    | 0.85    | 0.84    | 1.29   | 1.68   | 0.49    | 1.48    | 0.59    | -0.05   | 0.02    | -0.20   | -0.90   | -0.74   | -0.85   | -1.37   |
|        | -215.73 | -112.59 | -154.35 | -131.92 | -122.61 | -83.53  | -66.88 | -77.72 | -78.33  | -85.56  | -68.43  | -63.02  | -53.93 | -54.50 | -85.48  | -66.17  | -88.58  | -287.65 | -128.88 | -134.55 | -155.06 | -143.49 | -148.26 | -245.76 |

|               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |        |        |        |        |        |         |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|---------|
| OH<br>61846   | 12.23  | 13.54  | 0.28   | 5.38   | 5.36   | 27.19  | 21.95  | 33.53  | 20.36  | 19.32  | 30.89  | 29.13  | 35.88  | 43.64  | 23.71  | 42.21  | 27.71  | 35.34   | 15.87  | 12.92  | 2.34   | 2.93   | 1.25   | 4.00    |
|               | -0.35  | -0.01  | -0.47  | -0.24  | -0.19  | 0.37   | 0.28   | 0.35   | 0.09   | 0.06   | 0.15   | 0.09   | -0.04  | -0.03  | -0.07  | -0.41  | -0.21  | -0.20   | -0.01  | -0.09  | -0.32  | -0.13  | -0.31  | -0.74   |
|               | -27.25 | -14.22 | -19.58 | -16.68 | -15.50 | -10.46 | -8.72  | -9.74  | -10.80 | -12.93 | -11.70 | -10.51 | -9.22  | -8.77  | -13.13 | -10.62 | -15.64 | -35.65  | -15.52 | -16.67 | -19.24 | -18.02 | -18.47 | -31.51  |
| PJM<br>61847  | 77.17  | 47.67  | 46.71  | 46.18  | 43.37  | 53.45  | 43.94  | 58.45  | 47.41  | 51.48  | 60.65  | 56.23  | 60.37  | 67.50  | 57.13  | 70.80  | 61.07  | 125.63  | 58.38  | 58.60  | 54.65  | 51.27  | 50.86  | 88.90   |
|               | -0.85  | -0.03  | -1.09  | -0.58  | -0.51  | 0.79   | 0.68   | 1.19   | 0.48   | 0.33   | 1.06   | 1.02   | 1.46   | 1.97   | 0.58   | 1.67   | 0.59   | -0.10   | 0.01   | -0.16  | -0.77  | -0.66  | -0.79  | -1.30   |
|               | -92.69 | -48.38 | -66.63 | -57.82 | -53.84 | -36.29 | -30.30 | -33.82 | -37.46 | -44.82 | -40.55 | -36.68 | -32.21 | -30.63 | -45.90 | -37.13 | -48.21 | -125.83 | -58.02 | -62.43 | -71.99 | -66.89 | -68.57 | -116.97 |
| WEST<br>61752 | 12.05  | 13.68  | -0.16  | 5.21   | 5.21   | 27.85  | 22.51  | 34.52  | 20.83  | 19.71  | 31.69  | 29.87  | 36.86  | 44.89  | 24.21  | 43.33  | 28.70  | 35.71   | 16.06  | 12.99  | 2.03   | 2.68   | 0.99   | 3.69    |
|               | -0.86  | -0.03  | -1.13  | -0.61  | -0.52  | 0.91   | 0.72   | 1.21   | 0.43   | 0.30   | 0.81   | 0.70   | 0.82   | 1.10   | 0.25   | 0.58   | 0.17   | -0.31   | 0.00   | -0.22  | -0.88  | -0.56  | -0.76  | -1.36   |
|               | -27.57 | -14.38 | -19.81 | -16.88 | -15.68 | -10.58 | -8.83  | -9.87  | -10.93 | -13.08 | -11.84 | -10.65 | -9.34  | -8.88  | -13.31 | -10.75 | -16.26 | -36.12  | -15.71 | -16.88 | -19.48 | -18.21 | -18.66 | -31.82  |