

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/06/2024

| 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 | 27.23  | 26.65 | 23.07 | 22.92 | 20.65  | 20.17 | 24.75  | 33.62  | 28.26 | 22.41 | 21.57 | 21.61 | 22.73 | 23.88 | 23.54 | 29.02  | 33.10  | 48.47 | 51.68 | 43.07 | 41.04  | 47.56  | 31.01 | 23.66 |
| 61757  | 1.11   | 1.04  | 0.90  | 0.91  | 0.86   | 0.86  | 1.07   | 1.44   | 1.11  | 0.78  | 0.76  | 0.73  | 0.79  | 0.85  | 0.89  | 1.14   | 1.44   | 2.26  | 2.58  | 2.27  | 2.17   | 2.31   | 1.43  | 1.06  |
|        | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | -0.01  | 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  |
| CENTRL | 25.79  | 25.20 | 21.74 | 21.57 | 19.34  | 18.78 | 23.24  | 31.63  | 26.47 | 21.12 | 20.32 | 20.45 | 21.50 | 22.55 | 22.10 | 27.23  | 30.89  | 45.21 | 48.64 | 41.31 | 38.27  | 44.47  | 29.08 | 22.33 |
| 61754  | -0.33  | -0.41 | -0.42 | -0.44 | -0.45  | -0.43 | -0.44  | -0.54  | -0.68 | -0.51 | -0.49 | -0.42 | -0.45 | -0.48 | -0.54 | -0.65  | -0.77  | -1.00 | -0.84 | -0.68 | -0.60  | -0.78  | -0.50 | -0.27 |
|        | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.10  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | -0.01  | 0.00  | -0.38 | -1.18 | 0.00   | 0.00   | 0.00  | 0.00  |
| DUNWOD | 27.57  | 26.89 | 23.30 | 23.09 | 20.79  | 20.32 | 24.94  | 33.90  | 28.63 | 22.88 | 22.11 | 22.23 | 23.43 | 24.69 | 24.35 | 30.05  | 34.03  | 49.44 | 52.60 | 43.75 | 41.59  | 48.21  | 31.61 | 24.07 |
| 61760  | 1.45   | 1.28  | 1.13  | 1.08  | 1.01   | 1.01  | 1.26   | 1.72   | 1.48  | 1.25  | 1.30  | 1.36  | 1.49  | 1.66  | 1.71  | 2.17   | 2.38   | 3.23  | 3.51  | 2.94  | 2.72   | 2.96   | 2.04  | 1.46  |
|        | 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  |
| GENESE | 25.61  | 24.99 | 21.54 | 21.36 | 19.10  | 18.44 | 23.03  | 31.19  | 25.98 | 20.80 | 20.00 | 20.17 | 21.23 | 22.33 | 21.78 | 26.80  | 30.38  | 44.53 | 47.59 | 39.54 | 37.71  | 43.87  | 28.68 | 22.25 |
| 61753  | -0.51  | -0.62 | -0.62 | -0.65 | -0.68  | -0.63 | -0.64  | -0.98  | -1.17 | -0.83 | -0.81 | -0.71 | -0.72 | -0.70 | -0.87 | -1.08  | -1.28  | -1.68 | -1.51 | -1.28 | -1.16  | -1.38  | -0.90 | -0.36 |
|        | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.24  | 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 | 0.00   | 0.00   | 0.00  | 0.00  |
| H Q    | 26.11  | 25.68 | 22.23 | 22.06 | 19.81  | 19.31 | 23.68  | 32.19  | 27.24 | 21.71 | 20.85 | 20.89 | 21.98 | 23.06 | 22.65 | 27.86  | 31.61  | 46.22 | 49.00 | 40.68 | 38.72  | 45.25  | 29.54 | 24.00 |
| 61844  | -0.02  | 0.07  | 0.07  | 0.05  | 0.02   | 0.00  | 0.01   | 0.02   | 0.09  | 0.07  | 0.04  | 0.01  | 0.02  | 0.02  | 0.01  | -0.02  | -0.04  | 0.01  | -0.09 | -0.13 | -0.15  | 0.00   | -0.04 | -0.08 |
|        | 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  | -1.47 |
| HUD VL | 27.25  | 26.60 | 23.05 | 22.87 | 20.59  | 20.11 | 24.69  | 33.58  | 28.33 | 22.58 | 21.79 | 21.89 | 23.07 | 24.31 | 23.95 | 29.58  | 33.54  | 48.83 | 52.02 | 43.24 | 41.12  | 47.68  | 31.22 | 23.78 |
| 61758  | 1.14   | 0.99  | 0.88  | 0.86  | 0.80   | 0.81  | 1.01   | 1.40   | 1.18  | 0.95  | 0.98  | 1.02  | 1.13  | 1.28  | 1.31  | 1.70   | 1.88   | 2.62  | 2.92  | 2.44  | 2.25   | 2.43   | 1.65  | 1.17  |
|        | 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  |
| LONGIL | 53.00  | 28.30 | 23.79 | 23.56 | 35.72  | 29.43 | 36.36  | 36.37  | 29.30 | 23.32 | 22.47 | 22.51 | 23.84 | 25.05 | 29.93 | 42.27  | 57.55  | 50.19 | 53.20 | 44.34 | 42.20  | 48.79  | 31.99 | 24.33 |
| 61762  | 2.11   | 1.91  | 1.62  | 1.55  | 1.49   | 1.51  | 1.84   | 2.52   | 2.15  | 1.69  | 1.67  | 1.64  | 1.89  | 2.02  | 2.21  | 2.78   | 3.09   | 3.98  | 4.10  | 3.53  | 3.33   | 3.54   | 2.42  | 1.72  |
|        | -24.77 | -0.78 | 0.00  | 0.00  | -14.44 | -8.62 | -10.84 | -1.67  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -5.08 | -11.60 | -22.80 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00  |
| MHK VL | 26.80  | 26.26 | 22.69 | 22.52 | 20.21  | 19.78 | 24.15  | 32.89  | 27.62 | 21.88 | 21.01 | 21.08 | 22.10 | 23.18 | 22.76 | 28.06  | 31.94  | 46.70 | 49.83 | 41.36 | 39.39  | 45.89  | 30.04 | 23.01 |
| 61756  | 0.68   | 0.65  | 0.53  | 0.51  | 0.43   | 0.36  | 0.47   | 0.71   | 0.47  | 0.25  | 0.21  | 0.20  | 0.15  | 0.15  | 0.12  | 0.18   | 0.29   | 0.49  | 0.74  | 0.56  | 0.52   | 0.64   | 0.46  | 0.26  |
|        | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | -0.11 | 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  | 0.00   | 0.00   | 0.00  | -0.15 |
| MILLWD | 27.44  | 26.79 | 23.21 | 23.02 | 20.74  | 20.25 | 24.85  | 33.78  | 28.53 | 22.79 | 22.01 | 22.12 | 23.32 | 24.56 | 24.21 | 29.88  | 33.86  | 49.22 | 52.40 | 43.60 | 41.45  | 48.04  | 31.48 | 23.96 |
| 61759  | 1.32   | 1.18  | 1.04  | 1.01  | 0.95   | 0.94  | 1.17   | 1.60   | 1.38  | 1.15  | 1.21  | 1.24  | 1.37  | 1.53  | 1.57  | 2.00   | 2.21   | 3.01  | 3.30  | 2.79  | 2.58   | 2.79   | 1.90  | 1.35  |
|        | 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  |
| N.Y.C. | 27.77  | 27.07 | 23.44 | 23.23 | 20.91  | 20.43 | 25.08  | 34.08  | 28.81 | 23.05 | 22.29 | 22.43 | 23.65 | 24.93 | 24.60 | 30.32  | 34.28  | 49.78 | 52.98 | 44.06 | 41.86  | 48.53  | 31.86 | 24.24 |
| 61761  | 1.65   | 1.46  | 1.27  | 1.22  | 1.13   | 1.13  | 1.40   | 1.90   | 1.66  | 1.42  | 1.49  | 1.56  | 1.70  | 1.90  | 1.93  | 2.43   | 2.63   | 3.57  | 3.88  | 3.26  | 2.99   | 3.28   | 2.28  | 1.63  |
|        | 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   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00  |
| NORTH  | 26.52  | 26.23 | 22.68 | 22.48 | 20.16  | 19.60 | 24.06  | 32.80  | 27.66 | 21.98 | 21.03 | 20.99 | 22.09 | 23.16 | 22.73 | 27.82  | 31.61  | 46.24 | 48.92 | 40.43 | 38.50  | 45.78  | 29.86 | 21.37 |
| 61755  | 0.40   | 0.62  | 0.52  | 0.47  | 0.37   | 0.30  | 0.39   | 0.63   | 0.50  | 0.35  | 0.22  | 0.11  | 0.14  | 0.13  | 0.09  | -0.06  | -0.05  | 0.03  | -0.18 | -0.38 | -0.37  | 0.52   | 0.29  | -0.21 |
|        | 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  | 1.02  |
| NPX    | 27.19  | 27.48 | 24.44 | 24.55 | 24.49  | 23.39 | 34.79  | 44.31  | 28.28 | 26.05 | 22.42 | 21.82 | 22.98 | 24.14 | 23.79 | 29.30  | 33.27  | 48.43 | 50.49 | 56.96 | 58.14  | 55.31  | 30.96 | 25.18 |
| 61845  | 1.07   | 1.02  | 0.92  | 0.92  | 0.87   | 0.87  | 1.05   | 1.37   | 1.13  | 0.93  | 0.96  | 0.94  | 1.03  | 1.11  | 1.16  | 1.42   | 1.62   | 2.22  | 2.44  | 2.10  | 2.01   | 2.19   | 1.40  | 1.06  |
|        | 0.00   | -0.85 | -1.35 | -1.62 | -3.84  | -3.22 | -10.06 | -10.77 | 0.00  | -3.49 | -0.65 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00  | 1.04  | -14.06 | -17.26 | -7.87 | -1.52 |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| O H<br>61846  | 24.48 | 23.87 | 20.54 | 20.37 | 18.17 | 17.44 | 21.94 | 29.59 | 24.50 | 19.75 | 18.95 | 19.14 | 20.17 | 21.25 | 20.58 | 25.26 | 28.42 | 41.53 | 43.55 | 34.20 | 35.25 | 41.18 | 27.00 | 21.21 |
|               | -1.64 | -1.74 | -1.62 | -1.64 | -1.62 | -1.55 | -1.73 | -2.59 | -2.65 | -1.88 | -1.86 | -1.73 | -1.78 | -1.78 | -2.06 | -2.62 | -3.22 | -4.68 | -4.77 | -3.99 | -3.63 | -4.07 | -2.58 | -1.39 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.31  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.00  | 0.77  | 2.62  | 0.00  | 0.00  | 0.00  | 0.00  |
| PJM<br>61847  | 17.72 | 25.40 | 21.94 | 21.76 | 19.51 | 18.13 | 23.55 | 32.33 | 26.84 | 21.50 | 20.73 | 20.91 | 22.04 | 23.22 | 22.73 | 28.01 | 31.61 | 46.04 | 48.81 | 39.83 | 38.82 | 45.12 | 29.59 | 23.59 |
|               | -0.11 | -0.21 | -0.23 | -0.25 | -0.27 | -0.25 | -0.16 | -0.18 | -0.31 | -0.13 | -0.08 | 0.03  | 0.09  | 0.19  | 0.09  | 0.13  | -0.04 | -0.17 | -0.01 | -0.06 | -0.05 | -0.13 | 0.02  | 0.11  |
|               | 8.29  | 0.00  | 0.00  | 0.00  | 0.00  | 0.92  | -0.03 | -0.33 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.28  | 0.92  | 0.00  | 0.00  | 0.00  | -0.87 |
| WEST<br>61752 | 24.85 | 24.19 | 20.78 | 20.58 | 18.34 | 17.56 | 22.17 | 29.94 | 24.81 | 20.01 | 19.22 | 19.44 | 20.49 | 21.58 | 20.89 | 25.64 | 28.90 | 42.37 | 44.29 | 34.37 | 36.04 | 42.04 | 27.54 | 21.58 |
|               | -1.27 | -1.42 | -1.39 | -1.43 | -1.44 | -1.38 | -1.51 | -2.23 | -2.34 | -1.61 | -1.59 | -1.43 | -1.46 | -1.45 | -1.75 | -2.24 | -2.73 | -3.84 | -3.78 | -3.12 | -2.83 | -3.21 | -2.03 | -1.03 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.36  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.02  | 0.00  | 1.03  | 3.32  | 0.00  | 0.00  | 0.00  | 0.00  |