

# Time Weighted/Integrated Real Time LBMP - Zonal

|            |  | --- LBMP \$ |       |       |       |       | --- Marginal Cost of Losses |       |       |       |       | --- Marginal Cost of Congestion |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------|--|-------------|-------|-------|-------|-------|-----------------------------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Zonal Data |  | 03/03/2024  |       |       |       |       |                             |       |       |       |       |                                 |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 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       |  | EST         | EST   | EST   | EST   | EST   | EST                         | EST   | EST   | EST   | EST   | EST                             | EST   | EST   | EST   | EST   | EST   | EST   | EST   | EST   | EST   | EST   | EST   | EST   | EST   |
| CAPITL     |  | 23.45       | 22.47 | 20.36 | 20.25 | 19.90 | 19.30                       | 20.11 | 20.16 | 19.95 | 20.37 | 20.06                           | 18.79 | 18.32 | 18.43 | 18.43 | 18.19 | 19.62 | 22.84 | 22.84 | 29.68 | 46.75 | 28.49 | 20.56 | 20.53 |
| 61757      |  | 0.47        | 0.41  | 0.40  | 0.42  | 0.41  | 0.37                        | 0.43  | 0.45  | 0.48  | 0.51  | 0.46                            | 0.42  | 0.41  | 0.48  | 0.49  | 0.51  | 0.55  | 0.80  | 0.91  | 1.02  | 1.18  | 0.63  | 0.41  | 0.35  |
|            |  | 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  |
| CENTRL     |  | 22.64       | 21.73 | 19.61 | 19.49 | 19.17 | 18.63                       | 19.33 | 19.40 | 19.10 | 19.47 | 19.25                           | 18.08 | 17.63 | 17.63 | 17.67 | 17.45 | 18.78 | 21.76 | 21.75 | 28.39 | 44.95 | 27.46 | 19.85 | 19.87 |
| 61754      |  | -0.34       | -0.33 | -0.36 | -0.35 | -0.32 | -0.30                       | -0.35 | -0.31 | -0.37 | -0.39 | -0.34                           | -0.28 | -0.29 | -0.33 | -0.28 | -0.23 | -0.29 | -0.28 | -0.18 | -0.27 | -0.63 | -0.40 | -0.31 | -0.31 |
|            |  | 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  |
| DUNWOD     |  | 23.63       | 22.64 | 20.46 | 20.28 | 19.94 | 19.40                       | 20.23 | 20.30 | 20.01 | 20.39 | 20.17                           | 18.92 | 18.41 | 18.54 | 18.52 | 18.32 | 19.77 | 23.07 | 23.16 | 29.97 | 46.90 | 28.74 | 20.77 | 20.63 |
| 61760      |  | 0.66        | 0.58  | 0.49  | 0.44  | 0.45  | 0.48                        | 0.55  | 0.58  | 0.54  | 0.53  | 0.57                            | 0.56  | 0.50  | 0.59  | 0.58  | 0.64  | 0.70  | 1.03  | 1.24  | 1.31  | 1.32  | 0.88  | 0.62  | 0.45  |
|            |  | 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     |  | 22.02       | 21.15 | 19.11 | 18.93 | 18.64 | 18.06                       | 18.62 | 18.56 | 18.38 | 18.84 | 18.63                           | 17.56 | 17.18 | 17.11 | 17.15 | 16.96 | 18.18 | 20.97 | 20.99 | 27.24 | 42.99 | 26.31 | 19.08 | 19.21 |
| 61753      |  | -0.96       | -0.91 | -0.86 | -0.91 | -0.85 | -0.86                       | -1.06 | -1.15 | -1.09 | -1.02 | -0.96                           | -0.80 | -0.73 | -0.85 | -0.79 | -0.72 | -0.89 | -1.06 | -0.94 | -1.42 | -2.59 | -1.55 | -1.08 | -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  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| H Q        |  | 23.32       | 22.41 | 20.29 | 20.17 | 19.79 | 19.60                       | 20.05 | 20.01 | 19.79 | 20.21 | 19.93                           | 18.64 | 18.58 | 18.18 | 18.16 | 17.88 | 19.30 | 22.05 | 21.88 | 28.70 | 46.38 | 28.12 | 20.34 | 20.38 |
| 61844      |  | 0.34        | 0.35  | 0.33  | 0.33  | 0.30  | 0.30                        | 0.31  | 0.30  | 0.33  | 0.36  | 0.34                            | 0.28  | 0.27  | 0.23  | 0.22  | 0.19  | 0.23  | 0.12  | -0.05 | 0.04  | 0.37  | 0.26  | 0.19  | 0.20  |
|            |  | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -0.37                       | -0.06 | 0.00  | 0.00  | 0.00  | 0.00                            | 0.00  | -0.39 | 0.00  | 0.00  | 0.00  | 0.00  | 0.10  | 0.00  | 0.00  | -0.44 | 0.00  | 0.00  | 0.00  |
| HUD VL     |  | 23.59       | 22.60 | 20.43 | 20.27 | 19.93 | 19.38                       | 20.20 | 20.26 | 19.97 | 20.34 | 20.11                           | 18.86 | 18.35 | 18.48 | 18.46 | 18.25 | 19.71 | 23.00 | 23.07 | 29.89 | 46.90 | 28.69 | 20.73 | 20.61 |
| 61758      |  | 0.61        | 0.55  | 0.47  | 0.43  | 0.44  | 0.45                        | 0.52  | 0.55  | 0.50  | 0.49  | 0.51                            | 0.50  | 0.44  | 0.52  | 0.52  | 0.57  | 0.64  | 0.96  | 1.14  | 1.23  | 1.32  | 0.83  | 0.58  | 0.43  |
|            |  | 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     |  | 23.81       | 22.84 | 20.62 | 20.42 | 20.08 | 19.51                       | 20.33 | 20.36 | 20.09 | 20.46 | 20.32                           | 19.08 | 18.56 | 18.68 | 18.64 | 18.47 | 19.93 | 23.30 | 23.47 | 30.36 | 47.18 | 28.93 | 21.00 | 20.88 |
| 61762      |  | 0.84        | 0.78  | 0.65  | 0.58  | 0.59  | 0.58                        | 0.65  | 0.65  | 0.61  | 0.60  | 0.72                            | 0.72  | 0.65  | 0.73  | 0.70  | 0.78  | 0.86  | 1.26  | 1.54  | 1.70  | 1.60  | 1.07  | 0.85  | 0.71  |
|            |  | 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  |
| MHK VL     |  | 23.51       | 22.59 | 20.40 | 20.28 | 19.92 | 19.35                       | 20.13 | 20.21 | 19.98 | 20.41 | 20.12                           | 18.88 | 18.39 | 18.42 | 18.43 | 18.20 | 19.66 | 22.79 | 22.76 | 29.68 | 46.95 | 28.62 | 20.64 | 20.60 |
| 61756      |  | 0.53        | 0.53  | 0.44  | 0.44  | 0.43  | 0.43                        | 0.46  | 0.49  | 0.51  | 0.55  | 0.53                            | 0.52  | 0.47  | 0.46  | 0.49  | 0.52  | 0.59  | 0.75  | 0.83  | 1.02  | 1.37  | 0.76  | 0.49  | 0.43  |
|            |  | 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  |
| MILLWD     |  | 23.58       | 22.60 | 20.43 | 20.25 | 19.92 | 19.38                       | 20.20 | 20.27 | 19.99 | 20.38 | 20.15                           | 18.90 | 18.38 | 18.50 | 18.48 | 18.27 | 19.73 | 23.01 | 23.10 | 29.91 | 46.84 | 28.68 | 20.72 | 20.59 |
| 61759      |  | 0.61        | 0.54  | 0.46  | 0.41  | 0.43  | 0.45                        | 0.52  | 0.55  | 0.52  | 0.52  | 0.55                            | 0.54  | 0.47  | 0.55  | 0.54  | 0.59  | 0.66  | 0.97  | 1.17  | 1.25  | 1.26  | 0.82  | 0.57  | 0.42  |
|            |  | 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.     |  | 23.63       | 22.63 | 20.47 | 20.28 | 19.95 | 19.41                       | 20.25 | 20.32 | 20.04 | 20.41 | 20.21                           | 18.96 | 18.44 | 18.56 | 18.53 | 18.34 | 19.79 | 23.06 | 23.17 | 29.94 | 46.73 | 28.72 | 20.75 | 20.58 |
| 61761      |  | 0.65        | 0.57  | 0.51  | 0.44  | 0.45  | 0.49                        | 0.57  | 0.61  | 0.57  | 0.56  | 0.62                            | 0.60  | 0.52  | 0.61  | 0.59  | 0.66  | 0.71  | 1.02  | 1.24  | 1.28  | 1.17  | 0.86  | 0.60  | 0.41  |
|            |  | 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  | 0.01  | 0.00  | 0.00  | 0.00  |
| NORTH      |  | 23.95       | 23.03 | 20.88 | 20.75 | 20.32 | 19.74                       | 20.53 | 20.53 | 20.35 | 20.80 | 20.49                           | 19.13 | 18.64 | 18.61 | 18.55 | 18.25 | 19.72 | 22.57 | 22.25 | 29.23 | 46.77 | 28.62 | 20.79 | 20.81 |
| 61755      |  | 0.98        | 0.97  | 0.91  | 0.90  | 0.83  | 0.81                        | 0.85  | 0.82  | 0.89  | 0.94  | 0.90                            | 0.76  | 0.73  | 0.65  | 0.60  | 0.56  | 0.65  | 0.54  | 0.32  | 0.57  | 1.20  | 0.76  | 0.64  | 0.63  |
|            |  | 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  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| NPX        |  | 23.18       | 22.22 | 20.14 | 20.02 | 19.66 | 19.45                       | 19.96 | 19.95 | 19.71 | 20.12 | 19.83                           | 9.05  | 18.49 | 18.24 | 18.22 | 17.97 | 19.37 | 22.05 | 22.42 | 29.33 | 46.60 | 27.60 | 20.38 | 20.22 |
| 61845      |  | 0.20        | 0.16  | 0.17  | 0.18  | 0.17  | 0.15                        | 0.22  | 0.24  | 0.25  | 0.27  | 0.23                            | 0.20  | 0.19  | 0.29  | 0.28  | 0.29  | 0.31  | 0.51  | 0.67  | 0.67  | 0.59  | 0.30  | 0.19  | 0.10  |
|            |  | 0.00        | 0.00  | 0.00  | 0.00  | 0.00  | -0.37                       | -0.06 | 0.00  | 0.00  | 0.00  | 0.00                            | 9.51  | -0.39 | 0.00  | 0.00  | 0.00  | 0.01  | 0.50  | 0.18  | 0.00  | -0.44 | 0.56  | -0.04 | 0.06  |

|               |                         |                        |                        |                        |                        |                         |                         |                         |                        |                        |                        |                        |                         |                        |                        |                        |                        |                         |                        |                         |                         |                        |                        |                        |
|---------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| O H<br>61846  | 21.54<br>-1.43<br>0.00  | 20.74<br>-1.32<br>0.00 | 18.72<br>-1.25<br>0.00 | 18.53<br>-1.31<br>0.00 | 18.26<br>-1.24<br>0.00 | 17.64<br>-1.28<br>0.00  | 18.05<br>-1.63<br>0.00  | 17.91<br>-1.80<br>0.00  | 17.75<br>-1.71<br>0.00 | 18.27<br>-1.58<br>0.00 | 18.09<br>-1.50<br>0.00 | 17.13<br>-1.23<br>0.00 | 16.82<br>-1.10<br>0.00  | 16.67<br>-1.28<br>0.00 | 16.71<br>-1.23<br>0.00 | 16.54<br>-1.15<br>0.00 | 17.61<br>-1.46<br>0.00 | 20.17<br>-1.87<br>0.00  | 20.14<br>-1.79<br>0.00 | 26.01<br>-2.65<br>0.00  | 39.56<br>-4.67<br>1.34  | 25.15<br>-2.71<br>0.00 | 18.33<br>-1.83<br>0.00 | 18.55<br>-1.62<br>0.00 |
| PJM<br>61847  | 29.13<br>-0.21<br>-6.37 | 21.86<br>-0.20<br>0.00 | 19.72<br>-0.25<br>0.00 | 19.54<br>-0.31<br>0.00 | 19.23<br>-0.26<br>0.00 | 19.04<br>-0.25<br>-0.37 | 19.39<br>-0.35<br>-0.06 | 21.00<br>-0.35<br>-1.64 | 19.07<br>-0.39<br>0.00 | 19.52<br>-0.34<br>0.00 | 19.35<br>-0.25<br>0.00 | 18.21<br>-0.15<br>0.00 | 18.14<br>-0.16<br>-0.39 | 17.77<br>-0.19<br>0.00 | 17.78<br>-0.16<br>0.00 | 17.58<br>-0.10<br>0.00 | 18.39<br>-0.20<br>0.48 | 22.16<br>-0.16<br>-0.28 | 21.89<br>-0.04<br>0.00 | 29.22<br>-0.32<br>-0.89 | 45.90<br>-1.13<br>-1.46 | 27.27<br>-0.59<br>0.00 | 19.78<br>-0.37<br>0.00 | 19.75<br>-0.43<br>0.00 |
| WEST<br>61752 | 22.10<br>-0.88<br>0.00  | 21.26<br>-0.80<br>0.00 | 19.17<br>-0.80<br>0.00 | 18.97<br>-0.87<br>0.00 | 18.70<br>-0.79<br>0.00 | 18.09<br>-0.84<br>0.00  | 18.52<br>-1.17<br>0.00  | 18.39<br>-1.33<br>0.00  | 18.20<br>-1.27<br>0.00 | 18.74<br>-1.11<br>0.00 | 18.59<br>-1.00<br>0.00 | 17.59<br>-0.78<br>0.00 | 17.24<br>-0.68<br>0.00  | 17.08<br>-0.87<br>0.00 | 17.14<br>-0.80<br>0.00 | 16.96<br>-0.72<br>0.00 | 18.08<br>-0.99<br>0.00 | 20.74<br>-1.29<br>0.00  | 20.69<br>-1.24<br>0.00 | 26.72<br>-1.94<br>0.00  | 41.97<br>-3.60<br>0.00  | 25.74<br>-2.12<br>0.00 | 18.74<br>-1.42<br>0.00 | 18.93<br>-1.24<br>0.00 |