

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/31/2023

| 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 | 22.88 | 22.14 | 27.51  | 20.11 | 20.70 | 21.88 | 22.12 | 25.51 | 25.72 | 24.33 | 21.75 | 23.03 | 22.81 | 24.34 | 25.58 | 27.76 | 42.10 | 38.47 | 41.47 | 42.05 | 41.84 | 32.36 | 26.78 | 24.40 |
| 61757  | 0.58  | 0.67  | 0.35   | 0.92  | 0.89  | 0.90  | 0.97  | 1.08  | 0.93  | 0.80  | 0.78  | 0.81  | 0.81  | 0.82  | 0.85  | 1.05  | 1.49  | 1.54  | 1.73  | 2.02  | 2.14  | 1.65  | 1.23  | 0.99  |
|        | -8.08 | -5.60 | -19.82 | 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 | 15.39 | 16.70 | 9.96   | 19.34 | 20.05 | 21.27 | 21.40 | 24.85 | 25.23 | 24.03 | 21.39 | 22.69 | 22.73 | 24.52 | 25.74 | 28.20 | 43.45 | 40.07 | 42.97 | 43.33 | 43.08 | 32.66 | 26.60 | 23.91 |
| 61754  | 0.11  | 0.09  | 0.04   | 0.15  | 0.23  | 0.29  | 0.25  | 0.42  | 0.44  | 0.50  | 0.41  | 0.45  | 0.47  | 0.52  | 0.52  | 0.86  | 1.16  | 1.32  | 1.25  | 1.31  | 1.40  | 0.83  | 0.44  | 0.47  |
|        | -1.05 | -0.73 | -2.57  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.03 | -0.25 | -0.49 | -0.49 | -0.63 | -1.67 | -1.81 | -1.98 | -1.98 | -1.97 | -1.12 | -0.61 | -0.03 |
| DUNWOD | 20.95 | 20.74 | 22.74  | 20.07 | 20.63 | 21.89 | 22.26 | 25.76 | 26.06 | 24.74 | 22.25 | 23.55 | 23.40 | 24.97 | 26.29 | 28.50 | 43.14 | 39.42 | 42.06 | 42.39 | 42.33 | 32.79 | 27.14 | 24.68 |
| 61760  | 0.58  | 0.60  | 0.32   | 0.88  | 0.82  | 0.91  | 1.11  | 1.33  | 1.27  | 1.21  | 1.27  | 1.34  | 1.39  | 1.45  | 1.56  | 1.79  | 2.52  | 2.48  | 2.32  | 2.36  | 2.63  | 2.08  | 1.59  | 1.26  |
|        | -6.15 | -4.26 | -15.08 | 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  |
| GENESE | 15.09 | 16.50 | 9.40   | 19.36 | 20.12 | 21.38 | 21.34 | 24.78 | 25.35 | 24.21 | 21.59 | 22.93 | 22.77 | 24.33 | 25.56 | 28.19 | 42.54 | 38.97 | 41.68 | 41.95 | 41.62 | 31.79 | 25.90 | 23.93 |
| 61753  | 0.04  | 0.05  | 0.03   | 0.17  | 0.31  | 0.40  | 0.19  | 0.35  | 0.56  | 0.67  | 0.61  | 0.72  | 0.76  | 0.81  | 0.82  | 1.48  | 1.92  | 2.04  | 1.94  | 1.92  | 1.92  | 1.08  | 0.34  | 0.51  |
|        | -0.83 | -0.57 | -2.04  | 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    | 14.23 | 15.87 | 7.28   | 19.01 | 19.63 | 21.39 | 20.82 | 31.41 | 24.61 | 23.36 | 20.77 | 21.98 | 21.73 | 23.22 | 24.45 | 26.18 | 40.03 | 35.19 | 39.09 | 39.27 | 38.76 | 30.07 | 25.26 | 23.19 |
| 61844  | 0.00  | 0.00  | -0.06  | -0.18 | -0.18 | -0.20 | -0.20 | -0.23 | -0.18 | -0.18 | -0.21 | -0.23 | -0.28 | -0.29 | -0.28 | -0.52 | -0.59 | -0.74 | -0.65 | -0.76 | -0.94 | -0.64 | -0.30 | -0.23 |
|        | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | -0.61 | 0.12  | -7.21 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.99  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| HUD VL | 20.83 | 20.64 | 22.49  | 20.06 | 20.66 | 21.86 | 22.19 | 25.67 | 25.97 | 24.68 | 22.24 | 23.54 | 23.30 | 24.82 | 26.14 | 28.34 | 43.03 | 39.38 | 42.11 | 42.46 | 42.35 | 32.76 | 27.09 | 24.64 |
| 61758  | 0.54  | 0.58  | 0.31   | 0.87  | 0.85  | 0.88  | 1.05  | 1.24  | 1.18  | 1.14  | 1.26  | 1.33  | 1.29  | 1.30  | 1.41  | 1.64  | 2.41  | 2.45  | 2.37  | 2.43  | 2.64  | 2.05  | 1.54  | 1.22  |
|        | -6.06 | -4.20 | -14.83 | 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 | 21.68 | 22.88  | 20.23 | 21.00 | 22.68 | 23.53 | 27.19 | 27.18 | 27.27 | 24.84 | 24.60 | 23.84 | 25.24 | 26.37 | 28.54 | 43.27 | 39.50 | 42.17 | 42.47 | 42.70 | 33.12 | 27.44 | 24.97 |
| 61762  | 0.70  | 0.81  | 0.37   | 1.03  | 0.96  | 1.16  | 1.53  | 1.91  | 1.80  | 1.47  | 1.48  | 1.55  | 1.67  | 1.67  | 1.64  | 1.83  | 2.66  | 2.57  | 2.43  | 2.44  | 3.00  | 2.41  | 1.89  | 1.56  |
|        | -8.88 | -4.99 | -15.17 | -0.01 | -0.23 | -0.55 | -0.86 | -0.85 | -0.60 | -2.28 | -2.39 | -0.84 | -0.16 | -0.05 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| MHK VL | 15.69 | 17.04 | 10.47  | 19.55 | 20.23 | 21.48 | 21.73 | 25.19 | 25.49 | 24.18 | 21.55 | 22.83 | 22.73 | 24.38 | 25.67 | 27.90 | 42.87 | 39.11 | 42.16 | 42.70 | 42.57 | 32.83 | 26.98 | 24.31 |
| 61756  | 0.28  | 0.33  | 0.17   | 0.37  | 0.41  | 0.50  | 0.58  | 0.76  | 0.70  | 0.64  | 0.57  | 0.61  | 0.61  | 0.65  | 0.71  | 0.88  | 1.38  | 1.36  | 1.45  | 1.63  | 1.76  | 1.44  | 1.05  | 0.87  |
|        | -1.18 | -0.83 | -2.96  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.01 | -0.11 | -0.21 | -0.23 | -0.32 | -0.87 | -0.82 | -0.97 | -1.04 | -1.10 | -0.68 | -0.38 | -0.02 |
| MILLWD | 20.94 | 20.73 | 22.79  | 20.03 | 20.60 | 21.85 | 22.23 | 25.71 | 26.01 | 24.69 | 22.20 | 23.49 | 23.33 | 24.90 | 26.22 | 28.42 | 43.05 | 39.33 | 42.03 | 42.36 | 42.29 | 32.73 | 27.09 | 24.63 |
| 61759  | 0.54  | 0.57  | 0.31   | 0.84  | 0.78  | 0.88  | 1.08  | 1.29  | 1.22  | 1.15  | 1.23  | 1.28  | 1.33  | 1.38  | 1.49  | 1.72  | 2.44  | 2.40  | 2.29  | 2.33  | 2.58  | 2.02  | 1.54  | 1.21  |
|        | -6.17 | -4.28 | -15.15 | 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. | 20.97 | 20.73 | 22.75  | 20.08 | 20.63 | 21.89 | 22.30 | 25.71 | 26.11 | 24.80 | 22.32 | 23.60 | 23.46 | 25.03 | 26.40 | 28.59 | 43.02 | 39.39 | 42.06 | 42.39 | 42.34 | 32.83 | 27.22 | 24.73 |
| 61761  | 0.59  | 0.60  | 0.32   | 0.89  | 0.81  | 0.91  | 1.15  | 1.35  | 1.32  | 1.27  | 1.34  | 1.39  | 1.45  | 1.51  | 1.67  | 1.88  | 2.59  | 2.52  | 2.32  | 2.36  | 2.64  | 2.12  | 1.66  | 1.31  |
|        | -6.15 | -4.26 | -15.10 | 0.00  | 0.00  | 0.00  | 0.00  | 0.07  | 0.00  | 0.01  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.19  | 0.06  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| NORTH  | 13.41 | 15.11 | 7.69   | 19.01 | 19.62 | 20.76 | 21.00 | 24.33 | 24.81 | 23.54 | 20.96 | 22.18 | 21.95 | 23.47 | 24.76 | 26.54 | 40.56 | 36.70 | 39.72 | 39.98 | 39.34 | 30.66 | 25.73 | 23.61 |
| 61755  | -0.95 | -0.86 | 0.01   | -0.17 | -0.19 | -0.22 | -0.14 | -0.10 | 0.02  | 0.00  | -0.02 | -0.03 | -0.05 | -0.04 | 0.02  | -0.16 | -0.06 | -0.23 | -0.02 | -0.05 | -0.37 | -0.04 | 0.18  | 0.20  |
|        | -0.14 | -0.10 | -0.34  | 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    | 21.69 | 21.28 | 25.02  | 21.11 | 20.53 | 22.31 | 21.80 | 32.44 | 25.44 | 24.00 | 21.63 | 22.90 | 22.76 | 24.27 | 25.50 | 27.60 | 41.79 | 36.14 | 40.45 | 41.43 | 41.32 | 32.05 | 24.84 | 24.19 |
| 61845  | 0.41  | 0.49  | 0.28   | 0.76  | 0.71  | 0.72  | 0.78  | 0.80  | 0.65  | 0.52  | 0.66  | 0.69  | 0.76  | 0.76  | 0.77  | 0.89  | 1.17  | 1.14  | 1.19  | 1.40  | 1.62  | 1.34  | 0.99  | 0.78  |
|        | -7.05 | -4.92 | -17.40 | -1.16 | 0.00  | -0.61 | 0.12  | -7.21 | 0.00  | 0.06  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 1.93  | 0.47  | 0.00  | 0.00  | 1.70  | 0.00  | 0.00  |

|               |                                       |                                       |                                      |                                      |                                     |                                      |                                      |                                       |                                     |                                     |                                     |                                      |                                      |                                      |                                      |                                      |                                       |                                     |                                      |                                      |                                       |                                       |                                      |                                      |
|---------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|
| O H<br>61846  | 14.94<br><i>-0.28</i><br><i>-1.00</i> | 16.31<br><i>-0.25</i><br><i>-0.69</i> | 9.69<br><i>-0.09</i><br><i>-2.44</i> | 19.10<br><i>-0.09</i><br><i>0.00</i> | 19.91<br><i>0.09</i><br><i>0.00</i> | 21.13<br><i>0.15</i><br><i>0.00</i>  | 20.92<br><i>-0.22</i><br><i>0.00</i> | 24.39<br><i>-0.04</i><br><i>0.00</i>  | 25.09<br><i>0.30</i><br><i>0.00</i> | 24.02<br><i>0.48</i><br><i>0.00</i> | 21.40<br><i>0.42</i><br><i>0.00</i> | 22.73<br><i>0.52</i><br><i>0.00</i>  | 22.53<br><i>0.52</i><br><i>0.00</i>  | 24.03<br><i>0.52</i><br><i>0.00</i>  | 25.19<br><i>0.45</i><br><i>0.00</i>  | 28.05<br><i>1.35</i><br><i>0.00</i>  | 68.57<br><i>1.40</i><br><i>-26.55</i> | 38.53<br><i>1.60</i><br><i>0.00</i> | 41.25<br><i>1.25</i><br><i>-0.26</i> | 41.12<br><i>1.09</i><br><i>0.00</i>  | 65.32<br><i>1.14</i><br><i>-24.48</i> | 55.63<br><i>0.37</i><br><i>-24.55</i> | 25.19<br><i>-0.36</i><br><i>0.00</i> | 23.53<br><i>0.11</i><br><i>0.00</i>  |
| PJM<br>61847  | 18.23<br><i>0.17</i><br><i>-3.83</i>  | 18.73<br><i>0.21</i><br><i>-2.65</i>  | 16.87<br><i>0.14</i><br><i>-9.39</i> | 19.59<br><i>0.40</i><br><i>0.00</i>  | 20.25<br><i>0.43</i><br><i>0.00</i> | 22.09<br><i>0.50</i><br><i>-0.61</i> | 21.54<br><i>0.51</i><br><i>0.12</i>  | 50.67<br><i>0.81</i><br><i>-25.43</i> | 25.64<br><i>0.85</i><br><i>0.00</i> | 24.48<br><i>0.96</i><br><i>0.01</i> | 21.92<br><i>0.94</i><br><i>0.00</i> | 23.23<br><i>1.01</i><br><i>-0.01</i> | 23.07<br><i>0.98</i><br><i>-0.09</i> | 24.67<br><i>1.00</i><br><i>-0.16</i> | 25.95<br><i>1.04</i><br><i>-0.18</i> | 28.46<br><i>1.51</i><br><i>-0.24</i> | 42.94<br><i>2.00</i><br><i>-0.33</i>  | 38.38<br><i>1.98</i><br><i>0.53</i> | 42.06<br><i>1.67</i><br><i>-0.65</i> | 42.35<br><i>1.66</i><br><i>-0.65</i> | 42.22<br><i>1.87</i><br><i>-0.66</i>  | 32.37<br><i>1.28</i><br><i>-0.38</i>  | 26.55<br><i>0.78</i><br><i>-0.21</i> | 27.73<br><i>0.77</i><br><i>-3.55</i> |
| WEST<br>61752 | 15.34<br><i>0.04</i><br><i>-1.08</i>  | 16.66<br><i>0.05</i><br><i>-0.75</i>  | 10.00<br><i>0.03</i><br><i>-2.64</i> | 19.40<br><i>0.21</i><br><i>0.00</i>  | 20.23<br><i>0.42</i><br><i>0.00</i> | 21.49<br><i>0.51</i><br><i>0.00</i>  | 21.33<br><i>0.18</i><br><i>0.00</i>  | 24.97<br><i>0.54</i><br><i>0.00</i>   | 25.75<br><i>0.96</i><br><i>0.00</i> | 24.73<br><i>1.20</i><br><i>0.00</i> | 22.07<br><i>1.09</i><br><i>0.00</i> | 23.45<br><i>1.23</i><br><i>0.00</i>  | 23.22<br><i>1.21</i><br><i>0.00</i>  | 24.79<br><i>1.28</i><br><i>0.00</i>  | 26.00<br><i>1.27</i><br><i>0.00</i>  | 28.94<br><i>2.24</i><br><i>0.00</i>  | 43.36<br><i>2.74</i><br><i>0.00</i>   | 39.74<br><i>2.82</i><br><i>0.00</i> | 42.23<br><i>2.49</i><br><i>0.00</i>  | 42.35<br><i>2.32</i><br><i>0.00</i>  | 42.01<br><i>2.31</i><br><i>0.00</i>   | 31.88<br><i>1.17</i><br><i>0.00</i>   | 25.83<br><i>0.28</i><br><i>0.00</i>  | 24.08<br><i>0.67</i><br><i>0.00</i>  |