

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Zonal Data

09/17/2009

| 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 | 56.74  | 21.78  | 10.37 | 50.97  | 41.32  | 43.82  | 27.19 | 31.38 | 38.28 | 37.46 | 38.19 | 34.72 | 33.92 | 33.65 | 33.35 | 30.49 | 28.73 | 37.96 | 33.84 | 41.63 | 34.80 | 32.23 | 33.46 | 26.23 |
| 61757  | 0.33   | 1.23   | 0.58  | 0.69   | 1.60   | 1.61   | 1.68  | 1.95  | 2.53  | 2.52  | 2.60  | 2.36  | 2.19  | 2.12  | 2.04  | 1.78  | 1.62  | 2.34  | 2.17  | 2.76  | 2.35  | 2.21  | 2.28  | 1.25  |
|        | -51.15 | -1.21  | 0.00  | -39.25 | -14.03 | -16.45 | 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  | -0.53 | -6.99 |
|        | N      | N      | N     | N      | N      | N      | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| CENTRL | 11.14  | 20.41  | 9.92  | 15.63  | 27.63  | 28.14  | 25.97 | 30.13 | 36.56 | 35.65 | 36.41 | 33.10 | 32.56 | 32.33 | 32.11 | 29.47 | 27.79 | 36.41 | 32.33 | 39.80 | 33.10 | 30.51 | 31.32 | 19.02 |
| 61754  | 0.07   | 0.30   | 0.13  | 0.13   | 0.34   | 0.54   | 0.46  | 0.70  | 0.81  | 0.71  | 0.81  | 0.74  | 0.83  | 0.79  | 0.80  | 0.75  | 0.68  | 0.80  | 0.64  | 0.93  | 0.65  | 0.48  | 0.60  | 0.27  |
|        | -5.82  | -0.06  | 0.00  | -4.47  | -1.59  | -1.84  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.06 | -0.76 |
|        | N      | N      | N     | N      | N      | N      | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| DUNWOD | 44.48  | 22.12  | 10.59 | 41.67  | 38.43  | 40.44  | 27.98 | 32.39 | 39.46 | 38.60 | 39.33 | 35.73 | 34.99 | 34.73 | 34.53 | 31.64 | 29.71 | 39.04 | 34.69 | 42.88 | 35.85 | 33.10 | 33.98 | 24.91 |
| 61760  | 0.43   | 1.69   | 0.80  | 0.88   | 2.10   | 2.22   | 2.47  | 2.96  | 3.71  | 3.66  | 3.73  | 3.36  | 3.26  | 3.20  | 3.22  | 2.93  | 2.60  | 3.43  | 3.01  | 4.01  | 3.40  | 3.07  | 2.93  | 1.63  |
|        | -38.79 | -0.38  | 0.00  | -29.75 | -10.63 | -12.46 | 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  | -0.40 | -5.29 |
|        | N      | N      | N     | N      | N      | N      | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| GENESE | 9.34   | 20.31  | 9.89  | 14.22  | 27.00  | 27.57  | 25.90 | 29.86 | 36.01 | 35.15 | 35.94 | 32.73 | 32.26 | 32.05 | 31.77 | 29.19 | 27.57 | 36.08 | 31.98 | 39.13 | 32.59 | 30.06 | 30.93 | 18.62 |
| 61753  | 0.06   | 0.23   | 0.10  | 0.10   | 0.20   | 0.51   | 0.40  | 0.43  | 0.26  | 0.21  | 0.34  | 0.37  | 0.52  | 0.51  | 0.46  | 0.48  | 0.46  | 0.46  | 0.30  | 0.26  | 0.14  | 0.03  | 0.23  | 0.07  |
|        | -4.04  | -0.04  | 0.00  | -3.09  | -1.11  | -1.30  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.04 | -0.56 |
|        | N      | N      | N     | N      | N      | N      | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| H Q    | 5.11   | 19.51  | 9.54  | 10.75  | 25.02  | 25.03  | 24.75 | 28.53 | 34.59 | 33.81 | 34.41 | 31.28 | 30.66 | 30.50 | 30.28 | 27.79 | 26.31 | 34.57 | 30.75 | 37.59 | 31.37 | 29.08 | 29.57 | 17.41 |
| 61844  | -0.14  | -0.54  | -0.25 | -0.28  | -0.67  | -0.74  | -0.76 | -0.91 | -1.16 | -1.13 | -1.18 | -1.09 | -1.08 | -1.04 | -1.03 | -0.93 | -0.80 | -1.05 | -0.93 | -1.28 | -1.08 | -0.96 | -1.08 | -0.57 |
|        | 0.00   | 0.00   | 0.00  | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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      | N      | N     | N      | N      | N      | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| HUD VL | 44.36  | 22.06  | 10.57 | 41.58  | 38.37  | 40.38  | 27.93 | 32.27 | 39.32 | 38.45 | 39.20 | 35.62 | 34.96 | 34.70 | 34.48 | 31.53 | 29.62 | 38.93 | 34.60 | 42.74 | 35.75 | 33.01 | 33.90 | 24.84 |
| 61758  | 0.42   | 1.63   | 0.78  | 0.86   | 2.06   | 2.17   | 2.42  | 2.84  | 3.57  | 3.52  | 3.60  | 3.26  | 3.22  | 3.16  | 3.17  | 2.82  | 2.51  | 3.31  | 2.92  | 3.88  | 3.30  | 2.98  | 2.84  | 1.58  |
|        | -38.69 | -0.38  | 0.00  | -29.68 | -10.61 | -12.44 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.40 | -5.27 |
|        | N      | N      | N     | N      | N      | N      | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| LONGIL | 44.61  | 41.31  | 10.92 | 42.00  | 39.22  | 41.36  | 29.39 | 34.70 | 40.55 | 39.64 | 40.36 | 36.70 | 35.90 | 35.61 | 35.46 | 32.56 | 30.48 | 40.06 | 35.56 | 44.06 | 36.83 | 33.93 | 34.58 | 25.25 |
| 61762  | 0.54   | 2.35   | 1.13  | 1.20   | 2.89   | 3.12   | 3.50  | 4.06  | 4.80  | 4.71  | 4.76  | 4.33  | 4.17  | 4.07  | 4.15  | 3.78  | 3.36  | 4.44  | 3.88  | 5.19  | 4.38  | 3.90  | 3.53  | 1.96  |
|        | -38.82 | -18.92 | 0.00  | -29.78 | -10.64 | -12.47 | -0.38 | -1.21 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.07 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.40 | -5.30 |
|        | N      | N      | N     | N      | N      | N      | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| MHK VL | 10.46  | 20.81  | 10.13 | 15.31  | 27.99  | 28.32  | 26.66 | 30.88 | 37.50 | 36.63 | 37.35 | 33.92 | 33.28 | 33.03 | 32.80 | 30.07 | 28.43 | 37.35 | 33.22 | 40.90 | 34.08 | 31.44 | 31.98 | 19.31 |
| 61756  | 0.19   | 0.72   | 0.34  | 0.39   | 0.92   | 0.98   | 1.16  | 1.45  | 1.75  | 1.69  | 1.76  | 1.56  | 1.54  | 1.49  | 1.49  | 1.36  | 1.32  | 1.73  | 1.54  | 2.03  | 1.64  | 1.41  | 1.27  | 0.65  |
|        | -5.01  | -0.05  | 0.00  | -3.89  | -1.38  | -1.57  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.05 | -0.68 |
|        | N      | N      | N     | N      | N      | N      | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| MILLWD | 44.71  | 22.06  | 10.56 | 41.82  | 38.43  | 40.46  | 27.93 | 32.33 | 39.41 | 38.54 | 39.28 | 35.68 | 34.95 | 34.70 | 34.47 | 31.59 | 29.67 | 39.00 | 34.65 | 42.83 | 35.83 | 33.08 | 33.94 | 24.90 |
| 61759  | 0.42   | 1.63   | 0.78  | 0.86   | 2.04   | 2.16   | 2.42  | 2.90  | 3.66  | 3.60  | 3.68  | 3.32  | 3.22  | 3.16  | 3.16  | 2.87  | 2.56  | 3.38  | 2.97  | 3.96  | 3.38  | 3.05  | 2.89  | 1.59  |
|        | -39.04 | -0.39  | 0.00  | -29.93 | -10.69 | -12.54 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.40 | -5.33 |
|        | N      | N      | N     | N      | N      | N      | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| N.Y.C. | 44.53  | 22.22  | 10.64 | 41.74  | 38.55  | 40.57  | 28.14 | 32.58 | 39.70 | 38.84 | 39.54 | 35.91 | 35.17 | 34.90 | 34.72 | 31.83 | 29.88 | 39.24 | 34.83 | 43.09 | 36.05 | 33.28 | 34.17 | 25.02 |
| 61761  | 0.46   | 1.79   | 0.85  | 0.94   | 2.22   | 2.33   | 2.63  | 3.14  | 3.95  | 3.90  | 3.94  | 3.54  | 3.43  | 3.36  | 3.41  | 3.11  | 2.76  | 3.62  | 3.15  | 4.22  | 3.60  | 3.25  | 3.11  | 1.73  |
|        | -38.82 | -0.38  | 0.00  | -29.77 | -10.64 | -12.47 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.40 | -5.30 |
|        | N      | N      | N     | N      | N      | N      | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |

|                |  |   |  |                                   |   |  |  |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |  |  |
|----------------|--|---|--|-----------------------------------|---|--|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|--|--|
| NORTH<br>61755 |  | 5.16<br><i>-0.09</i><br>0.00<br>N           | 19.65<br><i>-0.39</i><br>0.00<br>N         | 6.62<br><i>-0.17</i><br>0.00<br>N | 10.84<br><i>-0.20</i><br>0.00<br>N          | 25.14<br><i>-0.56</i><br>0.00<br>N         | 24.88<br><i>-0.88</i><br>0.00<br>N         | 24.70<br><i>-0.80</i><br>0.00<br>N | 28.47<br><i>-0.96</i><br>0.00<br>N | 34.48<br><i>-1.27</i><br>0.00<br>N | 33.67<br><i>-1.27</i><br>0.00<br>N | 34.21<br><i>-1.39</i><br>0.00<br>N | 31.09<br><i>-1.27</i><br>0.00<br>N | 30.44<br><i>-1.30</i><br>0.00<br>N | 30.28<br><i>-1.26</i><br>0.00<br>N | 30.07<br><i>-1.24</i><br>0.00<br>N | 27.60<br><i>-1.12</i><br>0.00<br>N | 26.33<br><i>-0.78</i><br>0.00<br>N | 34.64<br><i>-0.98</i><br>0.00<br>N | 30.83<br><i>-0.85</i><br>0.00<br>N | 37.42<br><i>-1.45</i><br>0.00<br>N | 31.09<br><i>-1.35</i><br>0.00<br>N | 28.88<br><i>-1.15</i><br>0.00<br>N | 29.09<br><i>-1.56</i><br>0.00<br>N         | 17.06<br><i>-0.93</i><br>0.00<br>N         |
| NPX<br>61845   |  | 51.86<br>0.34<br><i>-46.27</i><br>N         | 21.76<br>1.26<br><i>-0.46</i><br>N         | 10.39<br>0.60<br>0.00<br>N        | 47.26<br>0.71<br><i>-35.51</i><br>N         | 40.02<br>1.64<br><i>-12.69</i><br>N        | 42.26<br>1.62<br><i>-14.88</i><br>N        | 27.20<br>1.69<br>0.00<br>N         | 31.43<br>2.00<br>0.00<br>N         | 38.48<br>2.73<br>0.00<br>N         | 37.70<br>2.76<br>0.00<br>N         | 38.38<br>2.79<br>0.00<br>N         | 34.90<br>2.53<br>0.00<br>N         | 34.14<br>2.40<br>0.00<br>N         | 33.91<br>2.37<br>0.00<br>N         | 33.62<br>2.31<br>0.00<br>N         | 30.71<br>2.00<br>0.00<br>N         | 28.89<br>1.78<br>0.00<br>N         | 38.16<br>2.54<br>0.00<br>N         | 34.00<br>2.32<br>0.00<br>N         | 41.75<br>2.88<br>0.00<br>N         | 34.92<br>2.47<br>0.00<br>N         | 32.38<br>2.35<br>0.00<br>N         | 33.46<br>2.33<br><i>-0.48</i><br>N         | 25.58<br>1.28<br><i>-6.32</i><br>N         |
| O H<br>61846   |  | 9.63<br><i>-0.30</i><br><i>-4.68</i><br>N   | 19.03<br><i>-1.07</i><br><i>-0.05</i><br>N | 9.28<br><i>-0.51</i><br>0.00<br>N | 14.01<br><i>-0.61</i><br><i>-3.59</i><br>N  | 25.47<br><i>-1.51</i><br><i>-1.28</i><br>N | 26.10<br><i>-1.17</i><br><i>-1.50</i><br>N | 23.86<br><i>-1.65</i><br>0.00<br>N | 27.29<br><i>-2.14</i><br>0.00<br>N | 32.63<br><i>-3.12</i><br>0.00<br>N | 31.72<br><i>-3.22</i><br>0.00<br>N | 32.33<br><i>-3.27</i><br>0.00<br>N | 29.50<br><i>-2.87</i><br>0.00<br>N | 29.13<br><i>-2.61</i><br>0.00<br>N | 28.94<br><i>-2.60</i><br>0.00<br>N | 28.73<br><i>-2.58</i><br>0.00<br>N | 26.51<br><i>-2.21</i><br>0.00<br>N | 25.15<br><i>-1.97</i><br>0.00<br>N | 32.89<br><i>-2.73</i><br>0.00<br>N | 29.16<br><i>-2.51</i><br>0.00<br>N | 35.33<br><i>-3.54</i><br>0.00<br>N | 29.39<br><i>-3.06</i><br>0.00<br>N | 27.30<br><i>-2.73</i><br>0.00<br>N | 28.42<br><i>-2.28</i><br><i>-0.05</i><br>N | 17.35<br><i>-1.27</i><br><i>-0.63</i><br>N |
| PJM<br>61847   |  | 32.34<br><i>-0.12</i><br><i>-27.21</i><br>N | 19.88<br><i>-0.44</i><br><i>-0.27</i><br>N | 9.53<br><i>-0.26</i><br>0.00<br>N | 31.62<br><i>-0.28</i><br><i>-20.87</i><br>N | 32.55<br><i>-0.60</i><br><i>-7.46</i><br>N | 34.27<br><i>-0.23</i><br><i>-8.74</i><br>N | 24.74<br><i>-0.77</i><br>0.00<br>N | 28.99<br><i>-0.44</i><br>0.00<br>N | 35.39<br><i>-0.36</i><br>0.00<br>N | 34.12<br><i>-0.81</i><br>0.00<br>N | 35.07<br><i>-0.53</i><br>0.00<br>N | 31.78<br><i>-0.58</i><br>0.00<br>N | 31.37<br><i>-0.37</i><br>0.00<br>N | 31.02<br><i>-0.52</i><br>0.00<br>N | 30.93<br><i>-0.37</i><br>0.00<br>N | 28.38<br><i>-0.34</i><br>0.00<br>N | 26.61<br><i>-0.50</i><br>0.00<br>N | 34.98<br><i>-0.63</i><br>0.00<br>N | 30.92<br><i>-0.75</i><br>0.00<br>N | 38.47<br><i>-0.40</i><br>0.00<br>N | 31.64<br><i>-0.81</i><br>0.00<br>N | 29.11<br><i>-0.92</i><br>0.00<br>N | 30.35<br><i>-0.58</i><br><i>-0.28</i><br>N | 20.98<br><i>-0.52</i><br><i>-3.52</i><br>N |
| WEST<br>61752  |  | 10.19<br><i>-0.22</i><br><i>-5.15</i><br>N  | 19.38<br><i>-0.72</i><br><i>-0.05</i><br>N | 9.43<br><i>-0.36</i><br>0.00<br>N | 14.55<br><i>-0.43</i><br><i>-3.95</i><br>N  | 26.06<br><i>-1.04</i><br><i>-1.41</i><br>N | 26.74<br><i>-0.67</i><br><i>-1.65</i><br>N | 24.30<br><i>-1.21</i><br>0.00<br>N | 28.02<br><i>-1.41</i><br>0.00<br>N | 33.72<br><i>-2.03</i><br>0.00<br>N | 32.75<br><i>-2.19</i><br>0.00<br>N | 33.49<br><i>-2.11</i><br>0.00<br>N | 30.52<br><i>-1.85</i><br>0.00<br>N | 30.15<br><i>-1.59</i><br>0.00<br>N | 29.93<br><i>-1.61</i><br>0.00<br>N | 29.74<br><i>-1.57</i><br>0.00<br>N | 27.39<br><i>-1.33</i><br>0.00<br>N | 25.88<br><i>-1.24</i><br>0.00<br>N | 33.82<br><i>-1.80</i><br>0.00<br>N | 29.96<br><i>-1.72</i><br>0.00<br>N | 36.54<br><i>-2.33</i><br>0.00<br>N | 30.34<br><i>-2.11</i><br>0.00<br>N | 28.12<br><i>-1.91</i><br>0.00<br>N | 29.29<br><i>-1.42</i><br><i>-0.05</i><br>N | 17.81<br><i>-0.87</i><br><i>-0.70</i><br>N |