

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

02/19/2009

| Name<br>PTID<br>CAPITL | 00:00<br>EST                | 01:00<br>EST                | 02:00<br>EST                | 03:00<br>EST                | 04:00<br>EST               | 05:00<br>EST                | 06:00<br>EST                | 07:00<br>EST                | 08:00<br>EST                 | 09:00<br>EST                 | 10:00<br>EST                 | 11:00<br>EST                 | 12:00<br>EST                | 13:00<br>EST                | 14:00<br>EST                | 15:00<br>EST                | 16:00<br>EST                | 17:00<br>EST                | 18:00<br>EST                 | 19:00<br>EST                 | 20:00<br>EST                 | 21:00<br>EST                | 22:00<br>EST                 | 23:00<br>EST                |
|------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|
| 61757                  | 24.51<br>1.39<br>0.00<br>N  | 15.17<br>0.78<br>0.00<br>N  | 23.87<br>1.25<br>0.00<br>N  | 31.39<br>1.57<br>0.00<br>N  | 5.65<br>0.33<br>0.00<br>N  | 32.94<br>1.74<br>0.00<br>N  | 34.48<br>1.90<br>0.00<br>N  | 35.37<br>2.06<br>0.00<br>N  | 44.10<br>2.60<br>0.00<br>N   | 40.54<br>2.50<br>0.00<br>N   | 38.94<br>2.42<br>0.00<br>N   | 42.66<br>2.69<br>0.00<br>N   | 37.19<br>2.36<br>0.00<br>N  | 37.44<br>2.35<br>0.00<br>N  | 36.55<br>2.29<br>0.00<br>N  | 36.02<br>2.18<br>0.00<br>N  | 47.65<br>2.92<br>0.00<br>N  | 74.96<br>5.15<br>0.00<br>N  | 50.70<br>3.64<br>0.00<br>N   | 50.36<br>3.66<br>0.00<br>N   | 46.10<br>3.06<br>0.00<br>N   | 59.93<br>3.84<br>0.00<br>N  | 42.87<br>2.64<br>0.00<br>N   | 46.97<br>2.72<br>0.00<br>N  |
| CENTRL<br>61754        | 22.91<br>-0.21<br>0.00<br>N | 14.12<br>-0.28<br>0.00<br>N | 22.22<br>-0.40<br>0.00<br>N | 29.35<br>-0.46<br>0.00<br>N | 4.93<br>-0.38<br>0.00<br>N | 30.97<br>-0.22<br>0.00<br>N | 32.48<br>-0.10<br>0.00<br>N | 33.37<br>0.06<br>0.00<br>N  | 41.34<br>-0.15<br>0.00<br>N  | 38.01<br>-0.03<br>0.00<br>N  | 36.41<br>-0.11<br>0.00<br>N  | 39.73<br>-0.25<br>0.00<br>N  | 34.62<br>-0.20<br>0.00<br>N | 34.88<br>-0.21<br>0.00<br>N | 34.03<br>-0.22<br>0.00<br>N | 33.72<br>-0.12<br>0.00<br>N | 44.61<br>-0.13<br>0.00<br>N | 70.10<br>0.28<br>0.00<br>N  | 47.32<br>0.26<br>0.00<br>N   | 47.03<br>0.32<br>0.00<br>N   | 43.19<br>0.15<br>0.00<br>N   | 55.77<br>-0.32<br>0.00<br>N | 39.90<br>-0.33<br>0.00<br>N  | 43.68<br>-0.57<br>0.00<br>N |
| DUNWOD<br>61760        | 25.00<br>1.89<br>0.00<br>N  | 15.36<br>0.97<br>0.00<br>N  | 24.11<br>1.49<br>0.00<br>N  | 31.77<br>1.95<br>0.00<br>N  | 5.62<br>0.30<br>0.00<br>N  | 33.59<br>2.40<br>0.00<br>N  | 35.40<br>2.82<br>0.00<br>N  | 36.25<br>2.94<br>0.00<br>N  | 45.18<br>3.68<br>0.00<br>N   | 41.50<br>3.46<br>0.00<br>N   | 39.83<br>3.31<br>0.00<br>N   | 43.69<br>3.72<br>0.00<br>N   | 37.93<br>3.11<br>0.00<br>N  | 38.11<br>3.02<br>0.00<br>N  | 37.19<br>2.93<br>0.00<br>N  | 36.75<br>2.91<br>0.00<br>N  | 48.63<br>3.89<br>0.00<br>N  | 76.68<br>6.86<br>0.00<br>N  | 52.02<br>4.96<br>0.00<br>N   | 51.69<br>4.99<br>0.00<br>N   | 47.11<br>4.07<br>0.00<br>N   | 61.19<br>5.10<br>0.00<br>N  | 43.82<br>3.59<br>0.00<br>N   | 48.05<br>3.81<br>0.00<br>N  |
| GENESE<br>61753        | 22.03<br>-1.08<br>0.00<br>N | 13.55<br>-0.85<br>0.00<br>N | 21.20<br>-1.42<br>0.00<br>N | 28.09<br>-1.72<br>0.00<br>N | 4.76<br>-0.56<br>0.00<br>N | 29.75<br>-1.44<br>0.00<br>N | 31.08<br>-1.49<br>0.00<br>N | 32.21<br>-1.11<br>0.00<br>N | 39.79<br>-1.70<br>0.00<br>N  | 36.53<br>-1.51<br>0.00<br>N  | 35.16<br>-1.36<br>0.00<br>N  | 38.34<br>-1.63<br>0.00<br>N  | 33.56<br>-1.27<br>0.00<br>N | 33.93<br>-1.16<br>0.00<br>N | 33.12<br>-1.13<br>0.00<br>N | 32.70<br>-1.14<br>0.00<br>N | 43.28<br>-1.46<br>0.00<br>N | 68.09<br>-1.73<br>0.00<br>N | 45.89<br>-1.17<br>0.00<br>N  | 45.63<br>-1.07<br>0.00<br>N  | 41.81<br>-1.23<br>0.00<br>N  | 53.68<br>-2.41<br>0.00<br>N | 38.67<br>-1.56<br>0.00<br>N  | 42.27<br>-1.97<br>0.00<br>N |
| H Q<br>61844           | 22.84<br>-0.27<br>0.00<br>N | 14.35<br>-0.05<br>0.00<br>N | 22.53<br>-0.09<br>0.00<br>N | 40.06<br>-0.14<br>0.00<br>N | 5.40<br>0.09<br>0.00<br>N  | 30.96<br>-0.23<br>0.00<br>N | 32.22<br>-0.36<br>0.00<br>N | 32.82<br>-0.50<br>0.00<br>N | 40.91<br>-0.58<br>0.00<br>N  | 37.42<br>-0.62<br>0.00<br>N  | 35.94<br>-0.58<br>0.00<br>N  | 39.34<br>-0.63<br>0.00<br>N  | 34.28<br>-0.54<br>0.00<br>N | 34.58<br>-0.51<br>0.00<br>N | 34.27<br>-0.50<br>1.00<br>N | 33.33<br>-0.51<br>0.00<br>N | 43.96<br>-0.77<br>0.00<br>N | 68.06<br>-1.76<br>0.00<br>N | 45.71<br>-1.35<br>0.00<br>N  | 45.27<br>-1.43<br>0.00<br>N  | 42.03<br>-1.01<br>0.00<br>N  | 44.95<br>-0.64<br>0.00<br>N | 39.57<br>-0.66<br>0.00<br>N  | 43.69<br>-0.56<br>0.00<br>N |
| HUD VL<br>61758        | 24.95<br>1.83<br>0.00<br>N  | 15.36<br>0.96<br>0.00<br>N  | 24.13<br>1.50<br>0.00<br>N  | 31.78<br>1.97<br>0.00<br>N  | 5.60<br>0.28<br>0.00<br>N  | 33.58<br>2.39<br>0.00<br>N  | 35.38<br>2.81<br>0.00<br>N  | 36.23<br>2.92<br>0.00<br>N  | 45.12<br>3.62<br>0.00<br>N   | 41.38<br>3.34<br>0.00<br>N   | 39.70<br>3.17<br>0.00<br>N   | 43.54<br>3.57<br>0.00<br>N   | 37.84<br>3.02<br>0.00<br>N  | 38.04<br>2.95<br>0.00<br>N  | 37.15<br>2.89<br>0.00<br>N  | 36.74<br>2.90<br>0.00<br>N  | 48.66<br>3.92<br>0.00<br>N  | 76.62<br>6.81<br>0.00<br>N  | 51.91<br>4.85<br>0.00<br>N   | 51.57<br>4.86<br>0.00<br>N   | 47.11<br>4.07<br>0.00<br>N   | 61.10<br>5.02<br>0.00<br>N  | 43.75<br>3.52<br>0.00<br>N   | 47.95<br>3.71<br>0.00<br>N  |
| LONGIL<br>61762        | 28.86<br>2.85<br>-2.90<br>N | 15.90<br>1.51<br>0.00<br>N  | 24.91<br>2.29<br>0.00<br>N  | 32.81<br>3.00<br>0.00<br>N  | 5.81<br>0.50<br>0.00<br>N  | 34.91<br>3.72<br>0.00<br>N  | 36.72<br>4.15<br>0.00<br>N  | 37.44<br>4.12<br>0.00<br>N  | 46.65<br>5.16<br>0.00<br>N   | 41.97<br>4.82<br>0.89<br>N   | 40.66<br>4.63<br>0.49<br>N   | 48.44<br>5.30<br>-3.16<br>N  | 40.16<br>4.44<br>-0.90<br>N | 40.92<br>4.31<br>-1.53<br>N | 40.02<br>4.16<br>-1.61<br>N | 40.37<br>4.13<br>-2.40<br>N | 50.83<br>5.17<br>-0.92<br>N | 86.76<br>9.43<br>-7.51<br>N | 65.14<br>6.99<br>-11.09<br>N | 60.03<br>6.81<br>-6.52<br>N  | 63.32<br>5.91<br>-14.37<br>N | 63.88<br>7.33<br>-0.47<br>N | 44.82<br>4.84<br>0.25<br>N   | 49.42<br>5.17<br>0.00<br>N  |
| MHK VL<br>61756        | 24.25<br>1.14<br>0.00<br>N  | 15.07<br>0.68<br>0.00<br>N  | 23.73<br>1.11<br>0.00<br>N  | 31.35<br>1.53<br>0.00<br>N  | 5.45<br>0.14<br>0.00<br>N  | 32.98<br>1.79<br>0.00<br>N  | 34.51<br>1.93<br>0.00<br>N  | 35.32<br>2.00<br>0.00<br>N  | 43.95<br>2.46<br>0.00<br>N   | 40.31<br>2.26<br>0.00<br>N   | 38.78<br>2.25<br>0.00<br>N   | 42.31<br>2.33<br>0.00<br>N   | 36.77<br>1.94<br>0.00<br>N  | 36.99<br>1.90<br>0.00<br>N  | 36.02<br>1.77<br>0.00<br>N  | 35.58<br>1.74<br>0.00<br>N  | 47.20<br>2.46<br>0.00<br>N  | 74.09<br>4.27<br>0.00<br>N  | 50.11<br>3.05<br>0.00<br>N   | 49.64<br>2.93<br>0.00<br>N   | 45.62<br>2.58<br>0.00<br>N   | 59.38<br>3.29<br>0.00<br>N  | 42.43<br>2.20<br>0.00<br>N   | 46.64<br>2.39<br>0.00<br>N  |
| MILLWD<br>61759        | 25.03<br>1.92<br>0.00<br>N  | 15.38<br>0.99<br>0.00<br>N  | 24.14<br>1.52<br>0.00<br>N  | 31.80<br>1.99<br>0.00<br>N  | 5.62<br>0.31<br>0.00<br>N  | 33.65<br>2.46<br>0.00<br>N  | 35.47<br>2.89<br>0.00<br>N  | 36.36<br>3.05<br>0.00<br>N  | 45.31<br>3.81<br>0.00<br>N   | 41.60<br>3.56<br>0.00<br>N   | 39.91<br>3.39<br>0.00<br>N   | 43.77<br>3.80<br>0.00<br>N   | 38.00<br>3.17<br>0.00<br>N  | 38.18<br>3.09<br>0.00<br>N  | 37.27<br>3.01<br>0.00<br>N  | 36.83<br>2.99<br>0.00<br>N  | 48.77<br>4.03<br>0.00<br>N  | 76.94<br>7.12<br>0.00<br>N  | 52.21<br>5.15<br>0.00<br>N   | 51.88<br>5.18<br>0.00<br>N   | 47.29<br>4.25<br>0.00<br>N   | 61.40<br>5.32<br>0.00<br>N  | 43.93<br>3.70<br>0.00<br>N   | 48.15<br>3.91<br>0.00<br>N  |
| N.Y.C.<br>61761        | 25.23<br>2.12<br>0.00<br>N  | 15.48<br>1.08<br>0.00<br>N  | 24.28<br>1.66<br>0.00<br>N  | 32.00<br>2.19<br>0.00<br>N  | 5.64<br>0.32<br>0.00<br>N  | 33.88<br>2.69<br>0.00<br>N  | 35.72<br>3.15<br>0.00<br>N  | 39.44<br>3.31<br>-2.82<br>N | 59.88<br>4.16<br>-14.22<br>N | 67.71<br>3.88<br>-25.79<br>N | 51.24<br>3.69<br>-11.03<br>N | 70.18<br>4.14<br>-26.07<br>N | 46.18<br>3.47<br>-7.88<br>N | 39.51<br>3.37<br>-1.05<br>N | 37.51<br>3.25<br>0.00<br>N  | 37.07<br>3.23<br>0.00<br>N  | 51.74<br>4.31<br>-2.69<br>N | 86.37<br>7.56<br>-8.99<br>N | 64.28<br>5.43<br>-11.79<br>N | 68.76<br>5.50<br>-16.55<br>N | 57.93<br>4.53<br>-10.35<br>N | 64.98<br>5.74<br>-3.16<br>N | 56.51<br>4.10<br>-12.18<br>N | 49.60<br>4.35<br>-1.00<br>N |

|                |                                    |                                    |                                    |  |                                   |                                    |   |                                    |                                    |  |  |  |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |   |  |  |                                    |
|----------------|------------------------------------|------------------------------------|------------------------------------|--|-----------------------------------|------------------------------------|---|------------------------------------|------------------------------------|--|--|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|---|--|--|------------------------------------|
| NORTH<br>61755 | 22.65<br><b>-0.47</b><br>0.00<br>N | 14.24<br><b>-0.16</b><br>0.00<br>N | 22.37<br><b>-0.25</b><br>0.00<br>N | 29.54<br><b>-0.27</b><br>0.00<br>N                 | 5.44<br><b>0.13</b><br>0.00<br>N  | 30.84<br><b>-0.35</b><br>0.00<br>N | 32.11<br><b>-0.47</b><br>0.00<br>N                | 32.77<br><b>-0.55</b><br>0.00<br>N | 40.91<br><b>-0.59</b><br>0.00<br>N | 37.39<br><b>-0.66</b><br>0.00<br>N         | 35.81<br><b>-0.71</b><br>0.00<br>N         | 39.25<br><b>-0.73</b><br>0.00<br>N         | 34.18<br><b>-0.65</b><br>0.00<br>N | 34.49<br><b>-0.60</b><br>0.00<br>N | 33.62<br><b>-0.63</b><br>0.00<br>N | 33.21<br><b>-0.63</b><br>0.00<br>N | 43.68<br><b>-1.06</b><br>0.00<br>N | 67.51<br><b>-2.31</b><br>0.00<br>N | 45.23<br><b>-1.83</b><br>0.00<br>N | 44.63<br><b>-2.08</b><br>0.00<br>N | 41.64<br><b>-1.40</b><br>0.00<br>N                | 54.81<br><b>-1.28</b><br>0.00<br>N                 | 39.37<br><b>-0.86</b><br>0.00<br>N         | 43.38<br><b>-0.87</b><br>0.00<br>N |
| NPX<br>61845   | 24.53<br><b>1.42</b><br>0.00<br>N  | 15.15<br><b>0.76</b><br>0.00<br>N  | 23.85<br><b>1.23</b><br>0.00<br>N  | 42.06<br><b>1.86</b><br><b>-4.48</b><br>0.00<br>N  | 5.60<br><b>0.29</b><br>0.00<br>N  | 32.97<br><b>1.78</b><br>0.00<br>N  | 34.61<br><b>2.03</b><br>0.00<br>N                 | 35.41<br><b>2.09</b><br>0.00<br>N  | 44.16<br><b>2.66</b><br>0.00<br>N  | 40.57<br><b>2.53</b><br>0.00<br>N          | 38.89<br><b>2.38</b><br>0.00<br>N          | 42.68<br><b>2.70</b><br>0.00<br>N          | 37.15<br><b>2.32</b><br>0.00<br>N  | 37.37<br><b>2.28</b><br>0.00<br>N  | 37.03<br><b>2.26</b><br>1.00<br>N  | 36.04<br><b>2.19</b><br>0.00<br>N  | 47.68<br><b>2.95</b><br>0.00<br>N  | 74.98<br><b>5.17</b><br>0.00<br>N  | 50.71<br><b>3.65</b><br>0.00<br>N  | 50.36<br><b>3.66</b><br>0.00<br>N  | 46.05<br><b>3.01</b><br>0.00<br>N                 | 48.39<br><b>2.81</b><br><b>-3.24</b><br>0.00<br>N  | 42.85<br><b>2.62</b><br>0.00<br>N          | 47.03<br><b>2.78</b><br>0.00<br>N  |
| O H<br>61846   | 20.81<br><b>-2.30</b><br>0.00<br>N | 12.71<br><b>-1.68</b><br>0.00<br>N | 19.84<br><b>-2.79</b><br>0.00<br>N | 36.38<br><b>-3.82</b><br><b>-4.48</b><br>0.00<br>N | 4.38<br><b>-0.94</b><br>0.00<br>N | 27.85<br><b>-3.34</b><br>0.00<br>N | 32.00<br><b>-5.60</b><br><b>3.62</b><br>0.00<br>N | 30.06<br><b>-3.26</b><br>0.00<br>N | 36.83<br><b>-4.66</b><br>0.00<br>N | 33.99<br><b>-5.09</b><br>1.11<br>N         | 32.41<br><b>-4.11</b><br>0.00<br>N         | 35.21<br><b>-4.77</b><br>0.00<br>N         | 30.96<br><b>-3.87</b><br>0.00<br>N | 31.35<br><b>-3.74</b><br>0.00<br>N | 31.23<br><b>-3.55</b><br>1.00<br>N | 30.14<br><b>-3.70</b><br>0.00<br>N | 39.78<br><b>-4.96</b><br>0.00<br>N | 62.38<br><b>-7.43</b><br>0.00<br>N | 41.84<br><b>-5.21</b><br>0.00<br>N | 41.70<br><b>-5.00</b><br>0.00<br>N | 40.01<br><b>-5.15</b><br><b>2.02</b><br>0.00<br>N | 39.94<br><b>-5.65</b><br><b>-3.24</b><br>0.00<br>N | 35.93<br><b>-4.30</b><br>0.00<br>N         | 39.54<br><b>-4.71</b><br>0.00<br>N |
| PJM<br>61847   | 22.09<br><b>-1.03</b><br>0.00<br>N | 13.40<br><b>-1.00</b><br>0.00<br>N | 21.29<br><b>-1.33</b><br>0.00<br>N | 41.06<br><b>0.86</b><br><b>-4.48</b><br>0.00<br>N  | 4.37<br><b>-0.95</b><br>0.00<br>N | 30.17<br><b>-1.02</b><br>0.00<br>N | 31.72<br><b>-0.86</b><br>0.00<br>N                | 32.45<br><b>-0.86</b><br>0.00<br>N | 39.98<br><b>-1.51</b><br>0.00<br>N | 38.00<br><b>-1.74</b><br><b>-1.69</b><br>N | 35.82<br><b>-1.88</b><br><b>-1.17</b><br>N | 40.99<br><b>-2.21</b><br><b>-3.23</b><br>N | 33.13<br><b>-1.70</b><br>0.00<br>N | 33.45<br><b>-1.64</b><br>0.00<br>N | 36.00<br><b>1.23</b><br>1.00<br>N  | 32.57<br><b>-1.27</b><br>0.00<br>N | 43.09<br><b>-1.65</b><br>0.00<br>N | 67.93<br><b>-1.89</b><br>0.00<br>N | 45.60<br><b>-1.46</b><br>0.00<br>N | 45.26<br><b>-1.45</b><br>0.00<br>N | 41.61<br><b>-1.44</b><br>0.00<br>N                | 46.77<br><b>1.19</b><br><b>-3.24</b><br>N          | 39.76<br><b>-1.09</b><br><b>-0.61</b><br>N | 43.05<br><b>-1.20</b><br>0.00<br>N |
| WEST<br>61752  | 21.41<br><b>-1.71</b><br>0.00<br>N | 13.04<br><b>-1.36</b><br>0.00<br>N | 20.42<br><b>-2.21</b><br>0.00<br>N | 27.22<br><b>-2.59</b><br>0.00<br>N                 | 4.39<br><b>-0.92</b><br>0.00<br>N | 28.88<br><b>-2.32</b><br>0.00<br>N | 29.91<br><b>-2.67</b><br>0.00<br>N                | 31.20<br><b>-2.12</b><br>0.00<br>N | 38.28<br><b>-3.22</b><br>0.00<br>N | 34.94<br><b>-3.10</b><br>0.00<br>N         | 33.49<br><b>-3.03</b><br>0.00<br>N         | 36.39<br><b>-3.59</b><br>0.00<br>N         | 31.94<br><b>-2.89</b><br>0.00<br>N | 32.31<br><b>-2.78</b><br>0.00<br>N | 31.54<br><b>-2.71</b><br>0.00<br>N | 31.13<br><b>-2.71</b><br>0.00<br>N | 41.06<br><b>-3.68</b><br>0.00<br>N | 64.49<br><b>-5.32</b><br>0.00<br>N | 43.31<br><b>-3.75</b><br>0.00<br>N | 43.13<br><b>-3.57</b><br>0.00<br>N | 39.66<br><b>-3.38</b><br>0.00<br>N                | 51.07<br><b>-5.02</b><br>0.00<br>N                 | 37.10<br><b>-3.13</b><br>0.00<br>N         | 40.70<br><b>-3.55</b><br>0.00<br>N |