

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

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

## Zonal Data

08/18/2013

| 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          | 24.12 | 20.65 | 24.21 | 25.91 | 25.88 | 27.16 | 28.60 | 23.95 | 23.38 | 28.96 | 30.20 | 30.67 | 27.14 | 27.37 | 25.83 | 26.26 | 26.04 | 30.37 | 31.38 | 41.69 | 35.60 | 29.78 | 26.47 | 24.58 |
| 61757           | 1.61  | 1.29  | 1.49  | 1.55  | 1.52  | 1.61  | 1.67  | 1.53  | 1.45  | 1.88  | 1.85  | 1.89  | 1.62  | 1.58  | 1.46  | 1.41  | 1.46  | 1.70  | 1.81  | 2.43  | 2.21  | 1.74  | 1.55  | 1.49  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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<br>61754 | 22.60 | 19.42 | 22.70 | 24.33 | 24.36 | 25.67 | 27.16 | 22.64 | 22.16 | 27.45 | 28.86 | 29.29 | 25.92 | 26.25 | 24.71 | 25.26 | 24.96 | 29.16 | 30.08 | 40.07 | 33.96 | 28.65 | 25.49 | 23.49 |
|                 | 0.09  | 0.06  | -0.02 | -0.02 | -0.01 | 0.12  | 0.22  | 0.22  | 0.23  | 0.37  | 0.51  | 0.51  | 0.40  | 0.45  | 0.33  | 0.41  | 0.38  | 0.49  | 0.52  | 0.81  | 0.57  | 0.62  | 0.57  | 0.40  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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<br>61760 | 24.74 | 21.13 | 24.69 | 26.31 | 26.32 | 27.72 | 29.26 | 24.54 | 24.10 | 29.80 | 31.16 | 31.59 | 28.09 | 28.39 | 26.82 | 27.22 | 26.88 | 31.24 | 32.12 | 42.88 | 36.56 | 30.65 | 27.25 | 25.35 |
|                 | 2.23  | 1.77  | 1.97  | 1.95  | 1.95  | 2.17  | 2.33  | 2.11  | 2.17  | 2.72  | 2.80  | 2.81  | 2.57  | 2.60  | 2.44  | 2.37  | 2.30  | 2.57  | 2.56  | 3.61  | 3.17  | 2.62  | 2.33  | 2.26  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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<br>61753 | 22.23 | 19.09 | 22.29 | 23.86 | 23.92 | 25.23 | 26.74 | 22.19 | 21.58 | 26.81 | 28.33 | 28.84 | 25.55 | 25.86 | 24.34 | 25.03 | 24.71 | 28.89 | 29.83 | 39.71 | 33.66 | 28.56 | 25.53 | 23.43 |
|                 | -0.28 | -0.27 | -0.43 | -0.49 | -0.44 | -0.32 | -0.20 | -0.23 | -0.36 | -0.27 | -0.02 | 0.06  | 0.03  | 0.07  | -0.04 | 0.18  | 0.14  | 0.22  | 0.26  | 0.45  | 0.28  | 0.53  | 0.60  | 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  |
| H Q<br>61844    | 21.91 | 18.93 | 22.28 | 23.94 | 23.96 | 25.04 | 26.38 | 21.84 | 21.37 | 26.78 | 27.58 | 28.71 | 25.26 | 25.04 | 23.72 | 24.19 | 23.94 | 27.96 | 28.85 | 30.00 | 32.45 | 27.25 | 24.19 | 22.42 |
|                 | -0.60 | -0.43 | -0.44 | -0.42 | -0.40 | -0.50 | -0.56 | -0.57 | -0.57 | -0.78 | -0.81 | -0.85 | -0.75 | -0.76 | -0.66 | -0.65 | -0.64 | -0.72 | -0.71 | -0.80 | -0.93 | -0.78 | -0.73 | -0.67 |
|                 | 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  | 1.66  | 0.00  | 0.00  | 0.00  | 0.00  |
| HUD VL<br>61758 | 24.66 | 21.07 | 24.63 | 26.27 | 26.28 | 27.68 | 29.22 | 24.50 | 24.08 | 29.78 | 31.16 | 31.61 | 28.10 | 28.40 | 26.83 | 27.24 | 26.91 | 31.31 | 32.20 | 42.98 | 36.64 | 30.70 | 27.26 | 25.30 |
|                 | 2.15  | 1.71  | 1.90  | 1.91  | 1.92  | 2.14  | 2.28  | 2.08  | 2.15  | 2.70  | 2.81  | 2.83  | 2.58  | 2.61  | 2.45  | 2.40  | 2.33  | 2.63  | 2.64  | 3.72  | 3.26  | 2.66  | 2.34  | 2.21  |
|                 | 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  | 0.00  |
| LONGIL<br>61762 | 25.15 | 21.49 | 25.14 | 26.63 | 26.75 | 28.11 | 29.62 | 24.90 | 24.61 | 30.52 | 32.18 | 32.41 | 28.91 | 29.19 | 27.59 | 28.00 | 27.93 | 31.98 | 32.78 | 43.80 | 37.31 | 31.31 | 27.76 | 25.86 |
|                 | 2.64  | 2.13  | 2.41  | 2.27  | 2.39  | 2.57  | 2.69  | 2.48  | 2.68  | 3.44  | 3.81  | 3.64  | 3.39  | 3.39  | 3.21  | 3.16  | 3.12  | 3.31  | 3.21  | 4.54  | 3.92  | 3.27  | 2.84  | 2.77  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.02 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.23 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| MHK VL<br>61756 | 23.13 | 19.89 | 23.27 | 24.94 | 24.95 | 26.21 | 27.67 | 23.04 | 22.62 | 28.03 | 29.42 | 29.85 | 26.43 | 26.72 | 25.20 | 25.70 | 25.41 | 29.70 | 30.63 | 40.75 | 34.66 | 29.11 | 25.79 | 23.79 |
|                 | 0.62  | 0.53  | 0.55  | 0.58  | 0.58  | 0.66  | 0.73  | 0.62  | 0.69  | 0.95  | 1.06  | 1.07  | 0.91  | 0.93  | 0.83  | 0.85  | 0.84  | 1.03  | 1.06  | 1.49  | 1.28  | 1.08  | 0.87  | 0.70  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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<br>61759 | 24.73 | 21.11 | 24.67 | 26.29 | 26.30 | 27.69 | 29.23 | 24.52 | 24.09 | 29.80 | 31.18 | 31.62 | 28.12 | 28.42 | 26.85 | 27.26 | 26.92 | 31.31 | 32.19 | 42.97 | 36.64 | 30.71 | 27.28 | 25.35 |
|                 | 2.22  | 1.75  | 1.95  | 1.93  | 1.93  | 2.15  | 2.30  | 2.10  | 2.16  | 2.72  | 2.82  | 2.84  | 2.61  | 2.63  | 2.48  | 2.41  | 2.35  | 2.63  | 2.62  | 3.71  | 3.26  | 2.68  | 2.37  | 2.26  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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.<br>61761 | 24.90 | 21.25 | 24.82 | 26.44 | 26.45 | 27.86 | 29.44 | 24.69 | 24.27 | 29.97 | 31.34 | 31.78 | 28.27 | 28.57 | 26.98 | 27.37 | 27.02 | 31.39 | 32.26 | 43.07 | 36.73 | 30.81 | 27.42 | 25.54 |
|                 | 2.39  | 1.89  | 2.10  | 2.08  | 2.08  | 2.32  | 2.50  | 2.27  | 2.33  | 2.89  | 2.99  | 3.01  | 2.75  | 2.77  | 2.60  | 2.52  | 2.45  | 2.72  | 2.70  | 3.81  | 3.35  | 2.78  | 2.50  | 2.45  |
|                 | 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  |
| NORTH<br>61755  | 21.72 | 18.87 | 22.21 | 23.86 | 23.91 | 25.03 | 26.40 | 21.64 | 21.14 | 26.11 | 27.28 | 27.66 | 24.48 | 24.74 | 23.46 | 23.96 | 23.72 | 27.74 | 28.71 | 37.92 | 32.12 | 26.94 | 23.85 | 22.08 |
|                 | -0.80 | -0.49 | -0.51 | -0.49 | -0.45 | -0.51 | -0.54 | -0.79 | -0.79 | -0.97 | -1.08 | -1.11 | -1.03 | -1.06 | -0.92 | -0.89 | -0.85 | -0.93 | -0.86 | -1.34 | -1.27 | -1.09 | -1.07 | -1.01 |
|                 | 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  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| NPX<br>61845    | 24.15 | 20.66 | 24.22 | 25.90 | 25.87 | 27.17 | 28.61 | 23.98 | 23.48 | 29.05 | 30.28 | 33.84 | 26.64 | 27.48 | 25.96 | 26.36 | 26.13 | 30.41 | 31.33 | 41.64 | 35.52 | 29.70 | 26.47 | 24.68 |
|                 | 1.64  | 1.30  | 1.50  | 1.55  | 1.50  | 1.62  | 1.67  | 1.56  | 1.55  | 1.97  | 1.93  | 2.10  | 1.73  | 1.68  | 1.58  | 1.51  | 1.55  | 1.74  | 1.76  | 2.38  | 2.13  | 1.66  | 1.55  | 1.59  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.61 | 0.97  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |

|               |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|
| H<br>61846    | 21.61<br><span>-0.90</span><br><span>0.00</span> | 18.63<br><span>-0.73</span><br><span>0.00</span> | 21.73<br><span>-0.99</span><br><span>0.00</span> | 23.29<br><span>-1.06</span><br><span>0.00</span> | 23.36<br><span>-1.00</span><br><span>0.00</span> | 24.74<br><span>-0.80</span><br><span>0.00</span> | 26.28<br><span>-0.66</span><br><span>0.00</span> | 21.74<br><span>-0.68</span><br><span>0.00</span> | 20.98<br><span>-0.96</span><br><span>0.00</span> | 26.03<br><span>-1.05</span><br><span>0.00</span> | 27.51<br><span>-0.84</span><br><span>0.00</span> | 30.90<br><span>-0.85</span><br><span>-0.61</span> | 24.12<br><span>-0.78</span><br><span>0.97</span> | 24.88<br><span>-0.92</span><br><span>0.00</span> | 23.30<br><span>-1.08</span><br><span>0.00</span> | 24.01<br><span>-0.84</span><br><span>0.00</span> | 23.63<br><span>-0.94</span><br><span>0.00</span> | 27.64<br><span>-1.04</span><br><span>0.00</span> | 28.57<br><span>-1.00</span><br><span>0.00</span> | 38.20<br><span>-1.06</span><br><span>0.00</span> | 32.18<br><span>-1.21</span><br><span>0.00</span> | 50.00<br><span>-0.79</span><br><span>-17.89</span> | 24.83<br><span>-0.09</span><br><span>0.00</span> | 22.84<br><span>-0.25</span><br><span>0.00</span> |
| PJM<br>61847  | 23.09<br><span>0.58</span><br><span>0.00</span>  | 19.82<br><span>0.45</span><br><span>0.00</span>  | 23.11<br><span>0.39</span><br><span>0.00</span>  | 24.73<br><span>0.37</span><br><span>0.00</span>  | 24.73<br><span>0.37</span><br><span>0.00</span>  | 26.17<br><span>0.63</span><br><span>0.00</span>  | 27.71<br><span>0.78</span><br><span>0.00</span>  | 23.13<br><span>0.71</span><br><span>0.00</span>  | 22.61<br><span>0.68</span><br><span>0.00</span>  | 27.96<br><span>0.88</span><br><span>0.00</span>  | 29.35<br><span>1.00</span><br><span>0.00</span>  | 31.52<br><span>1.02</span><br><span>-0.97</span>  | 26.76<br><span>0.75</span><br><span>0.00</span>  | 26.63<br><span>0.84</span><br><span>0.00</span>  | 25.02<br><span>0.65</span><br><span>0.00</span>  | 25.54<br><span>0.69</span><br><span>0.00</span>  | 25.20<br><span>0.62</span><br><span>0.00</span>  | 29.40<br><span>0.72</span><br><span>0.00</span>  | 30.28<br><span>0.72</span><br><span>0.00</span>  | 40.53<br><span>1.27</span><br><span>0.00</span>  | 34.24<br><span>0.86</span><br><span>0.00</span>  | 28.97<br><span>0.94</span><br><span>0.00</span>    | 25.89<br><span>0.96</span><br><span>0.00</span>  | 23.94<br><span>0.85</span><br><span>0.00</span>  |
| WEST<br>61752 | 21.98<br><span>-0.53</span><br><span>0.00</span> | 18.93<br><span>-0.43</span><br><span>0.00</span> | 22.07<br><span>-0.65</span><br><span>0.00</span> | 23.64<br><span>-0.72</span><br><span>0.00</span> | 23.72<br><span>-0.65</span><br><span>0.00</span> | 25.14<br><span>-0.41</span><br><span>0.00</span> | 26.72<br><span>-0.21</span><br><span>0.00</span> | 22.09<br><span>-0.33</span><br><span>0.00</span> | 21.31<br><span>-0.62</span><br><span>0.00</span> | 26.50<br><span>-0.57</span><br><span>0.00</span> | 28.04<br><span>-0.31</span><br><span>0.00</span> | 28.46<br><span>-0.32</span><br><span>0.00</span>  | 25.13<br><span>-0.39</span><br><span>0.00</span> | 25.42<br><span>-0.38</span><br><span>0.00</span> | 23.76<br><span>-0.62</span><br><span>0.00</span> | 24.50<br><span>-0.35</span><br><span>0.00</span> | 24.12<br><span>-0.46</span><br><span>0.00</span> | 28.20<br><span>-0.48</span><br><span>0.00</span> | 29.16<br><span>-0.41</span><br><span>0.00</span> | 38.96<br><span>-0.30</span><br><span>0.00</span> | 32.85<br><span>-0.54</span><br><span>0.00</span> | 28.13<br><span>0.10</span><br><span>0.00</span>    | 25.39<br><span>0.47</span><br><span>0.00</span>  | 23.31<br><span>0.22</span><br><span>0.00</span>  |