

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/12/2001

| 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 61757 | 33.09 | 29.18 | 24.73 | 23.73 | 23.42 | 24.00 | 23.40 | 32.33 | 36.99 | 38.81 | 39.88 | 42.62 | 42.95 | 43.21 | 43.33 | 43.16 | 43.52 | 43.90 | 43.52 | 43.90 | 45.73 | 45.40 | 42.52 | 39.20 |
|              | 1.00  | 0.79  | 0.63  | 0.59  | 0.57  | 0.61  | 0.52  | 1.00  | 1.71  | 1.86  | 2.05  | 2.41  | 2.30  | 2.29  | 2.32  | 2.35  | 2.43  | 2.77  | 2.71  | 2.73  | 2.99  | 2.79  | 1.91  | 1.07  |
|              | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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 61754 | 30.91 | 27.43 | 23.33 | 22.42 | 22.15 | 22.63 | 22.11 | 30.18 | 34.02 | 35.59 | 36.40 | 38.77 | 39.19 | 39.48 | 39.54 | 39.39 | 39.66 | 39.74 | 39.47 | 39.89 | 41.39 | 41.31 | 39.29 | 36.89 |
|              | -1.18 | -0.96 | -0.77 | -0.72 | -0.70 | -0.76 | -0.77 | -1.15 | -1.26 | -1.36 | -1.43 | -1.44 | -1.46 | -1.44 | -1.47 | -1.42 | -1.43 | -1.39 | -1.34 | -1.28 | -1.35 | -1.30 | -1.32 | -1.24 |
|              | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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 61760 | 34.27 | 30.24 | 25.62 | 24.57 | 24.24 | 24.89 | 24.32 | 33.74 | 38.24 | 40.39 | 41.42 | 44.35 | 44.84 | 45.09 | 45.23 | 45.14 | 45.49 | 45.53 | 45.10 | 45.53 | 47.53 | 47.00 | 44.39 | 40.72 |
|              | 2.18  | 1.85  | 1.52  | 1.43  | 1.39  | 1.50  | 1.44  | 2.41  | 2.96  | 3.44  | 3.59  | 4.14  | 4.19  | 4.17  | 4.22  | 4.33  | 4.40  | 4.40  | 4.29  | 4.36  | 4.79  | 4.39  | 3.78  | 2.59  |
|              | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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 61753 | 29.85 | 26.48 | 22.61 | 21.78 | 21.69 | 21.91 | 21.40 | 28.73 | 32.32 | 33.67 | 34.38 | 36.63 | 37.00 | 37.35 | 37.37 | 37.26 | 37.49 | 37.61 | 37.52 | 38.07 | 39.32 | 39.34 | 37.66 | 35.58 |
|              | -2.24 | -1.91 | -1.49 | -1.36 | -1.16 | -1.48 | -1.48 | -2.60 | -2.96 | -3.28 | -3.45 | -3.58 | -3.65 | -3.57 | -3.64 | -3.55 | -3.60 | -3.52 | -3.29 | -3.10 | -3.42 | -3.27 | -2.95 | -2.55 |
|              | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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 61844    | 28.52 | 28.36 | 24.08 | 23.12 | 22.83 | 23.37 | 22.95 | 31.30 | 35.07 | 36.62 | 37.45 | 39.61 | 40.04 | 40.31 | 40.39 | 40.16 | 40.39 | 40.39 | 40.08 | 40.39 | 41.84 | 41.84 | 40.16 | 38.02 |
|              | 0.00  | -0.03 | -0.02 | -0.02 | -0.02 | -0.02 | 0.07  | -0.03 | -0.21 | -0.33 | -0.38 | -0.60 | -0.61 | -0.61 | -0.62 | -0.65 | -0.70 | -0.74 | -0.73 | -0.78 | -0.90 | -0.77 | -0.45 | -0.11 |
|              | 3.57  | 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  |
| HUD VL 61758 | 34.05 | 30.00 | 25.42 | 24.39 | 24.06 | 24.70 | 24.15 | 33.55 | 38.04 | 40.16 | 41.26 | 44.28 | 44.76 | 45.03 | 45.18 | 45.05 | 45.44 | 45.48 | 45.05 | 45.49 | 47.44 | 46.92 | 44.29 | 40.44 |
|              | 1.96  | 1.61  | 1.32  | 1.25  | 1.21  | 1.31  | 1.27  | 2.22  | 2.76  | 3.21  | 3.43  | 4.07  | 4.11  | 4.11  | 4.17  | 4.24  | 4.35  | 4.35  | 4.24  | 4.32  | 4.70  | 4.31  | 3.68  | 2.31  |
|              | 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  |
| LONGIL 61762 | 34.41 | 32.66 | 31.64 | 30.83 | 27.17 | 27.19 | 28.83 | 33.67 | 35.34 | 36.57 | 37.70 | 40.16 | 42.15 | 44.73 | 45.01 | 44.94 | 45.46 | 45.45 | 44.70 | 45.17 | 47.38 | 46.57 | 40.14 | 37.64 |
|              | 2.32  | 2.27  | 1.90  | 1.82  | 1.79  | 1.92  | 1.85  | 2.34  | 2.54  | 2.99  | 3.18  | 3.67  | 3.77  | 3.81  | 4.00  | 4.13  | 4.37  | 4.32  | 3.89  | 4.00  | 4.64  | 3.96  | 3.28  | 2.16  |
|              | 0.00  | -2.00 | -5.64 | -5.87 | -2.53 | -1.88 | -4.10 | 0.00  | 2.48  | 3.37  | 3.31  | 3.72  | 2.27  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 3.75  | 2.65  |       |
| MHK VL 61756 | 32.31 | 28.73 | 24.38 | 23.41 | 23.11 | 23.66 | 23.15 | 31.74 | 35.54 | 37.20 | 38.12 | 40.57 | 41.02 | 41.28 | 41.35 | 41.15 | 41.50 | 41.57 | 41.30 | 41.66 | 43.30 | 43.17 | 41.03 | 38.36 |
|              | 0.22  | 0.34  | 0.28  | 0.27  | 0.26  | 0.27  | 0.27  | 0.41  | 0.26  | 0.25  | 0.29  | 0.36  | 0.37  | 0.36  | 0.34  | 0.34  | 0.41  | 0.44  | 0.49  | 0.49  | 0.56  | 0.56  | 0.42  | 0.23  |
|              | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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 61759 | 33.87 | 29.86 | 25.30 | 24.27 | 23.94 | 24.59 | 24.03 | 33.32 | 37.77 | 39.87 | 40.89 | 43.76 | 44.26 | 44.52 | 44.66 | 44.52 | 44.91 | 44.95 | 44.52 | 44.95 | 46.88 | 46.36 | 43.79 | 40.19 |
|              | 1.78  | 1.47  | 1.20  | 1.13  | 1.09  | 1.20  | 1.15  | 1.99  | 2.49  | 2.92  | 3.06  | 3.55  | 3.61  | 3.60  | 3.65  | 3.71  | 3.82  | 3.82  | 3.71  | 3.78  | 4.14  | 3.75  | 3.18  | 2.06  |
|              | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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. 61761 | 37.32 | 34.81 | 30.53 | 29.48 | 29.24 | 29.71 | 24.56 | 34.08 | 38.67 | 40.88 | 41.95 | 44.92 | 45.47 | 45.73 | 45.87 | 45.74 | 46.03 | 46.06 | 45.62 | 46.06 | 48.09 | 47.54 | 44.90 | 41.56 |
|              | 2.64  | 2.20  | 1.81  | 1.70  | 1.66  | 1.78  | 1.68  | 2.75  | 3.39  | 3.93  | 4.12  | 4.71  | 4.82  | 4.81  | 4.86  | 4.93  | 4.94  | 4.93  | 4.81  | 4.89  | 5.35  | 4.93  | 4.29  | 3.09  |
|              | -2.59 | -4.22 | -4.62 | -4.64 | -4.73 | -4.54 | 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  | 0.00  | -0.34 |
| NORTH 61755  | 32.16 | 28.45 | 24.14 | 23.17 | 22.88 | 23.43 | 23.08 | 31.42 | 35.14 | 36.62 | 37.37 | 39.25 | 39.68 | 39.95 | 40.03 | 39.76 | 40.06 | 40.06 | 40.04 | 40.35 | 41.81 | 41.78 | 40.15 | 38.00 |
|              | 0.07  | 0.06  | 0.04  | 0.03  | 0.03  | 0.04  | 0.20  | 0.09  | -0.14 | -0.33 | -0.46 | -0.96 | -0.97 | -0.97 | -0.98 | -1.05 | -1.03 | -1.07 | -0.77 | -0.82 | -0.93 | -0.83 | -0.46 | -0.13 |
|              | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 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 61845    | 29.87 | 29.50 | 24.99 | 24.00 | 23.67 | 24.28 | 23.70 | 32.74 | 37.22 | 39.17 | 40.21 | 42.94 | 43.37 | 43.66 | 43.76 | 43.63 | 43.97 | 44.09 | 43.71 | 44.13 | 45.95 | 45.59 | 42.97 | 39.66 |
|              | 1.35  | 1.11  | 0.89  | 0.86  | 0.82  | 0.89  | 0.82  | 1.41  | 1.94  | 2.22  | 2.38  | 2.73  | 2.72  | 2.74  | 2.75  | 2.82  | 2.88  | 2.96  | 2.90  | 2.96  | 3.21  | 2.98  | 2.36  | 1.53  |
|              | 3.57  | 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  |

|               |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |
|---------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| H<br>61846    | 26.37<br><del>-2.15</del><br>3.57 | 26.37<br><del>-2.02</del><br>0.00 | 22.73<br><del>-1.37</del><br>0.00 | 22.01<br><del>-1.13</del><br>0.00 | 21.80<br><del>-1.05</del><br>0.00 | 22.13<br><del>-1.26</del><br>0.00 | 21.60<br><del>-1.28</del><br>0.00 | 28.67<br><del>-2.66</del><br>0.00 | 32.00<br><del>-3.28</del><br>0.00 | 32.81<br><del>-4.14</del><br>0.00 | 33.14<br><del>-4.69</del><br>0.00 | 35.22<br><del>-4.99</del><br>0.00 | 35.37<br><del>-5.28</del><br>0.00 | 35.72<br><del>-5.20</del><br>0.00 | 35.72<br><del>-5.29</del><br>0.00 | 35.67<br><del>-5.14</del><br>0.00 | 35.79<br><del>-5.30</del><br>0.00 | 35.82<br><del>-5.31</del><br>0.00 | 35.99<br><del>-4.82</del><br>0.00 | 36.81<br><del>-4.36</del><br>0.00 | 38.17<br><del>-4.57</del><br>0.00 | 38.26<br><del>-4.35</del><br>0.00 | 36.79<br><del>-3.82</del><br>0.00 | 35.00<br><del>-3.13</del><br>0.00 |
| PJM<br>61847  | 27.08<br><del>-1.44</del><br>3.57 | 27.06<br><del>-1.33</del><br>0.00 | 23.11<br><del>-0.99</del><br>0.00 | 22.31<br><del>-0.83</del><br>0.00 | 22.05<br><del>-0.80</del><br>0.00 | 22.48<br><del>-0.91</del><br>0.00 | 22.22<br><del>-0.66</del><br>0.00 | 30.36<br><del>-0.97</del><br>0.00 | 34.36<br><del>-0.92</del><br>0.00 | 35.92<br><del>-1.03</del><br>0.00 | 36.88<br><del>-0.95</del><br>0.00 | 39.33<br><del>-0.88</del><br>0.00 | 39.67<br><del>-0.98</del><br>0.00 | 40.02<br><del>-0.90</del><br>0.00 | 40.07<br><del>-0.94</del><br>0.00 | 39.99<br><del>-0.82</del><br>0.00 | 40.19<br><del>-0.90</del><br>0.00 | 40.27<br><del>-0.86</del><br>0.00 | 40.12<br><del>-0.69</del><br>0.00 | 40.68<br><del>-0.49</del><br>0.00 | 42.31<br><del>-0.43</del><br>0.00 | 41.93<br><del>-0.68</del><br>0.00 | 39.96<br><del>-0.65</del><br>0.00 | 36.76<br><del>-1.37</del><br>0.00 |
| WEST<br>61752 | 30.10<br><del>-1.99</del><br>0.00 | 26.50<br><del>-1.89</del><br>0.00 | 22.84<br><del>-1.26</del><br>0.00 | 22.15<br><del>-0.99</del><br>0.00 | 21.93<br><del>-0.92</del><br>0.00 | 22.24<br><del>-1.15</del><br>0.00 | 21.82<br><del>-1.06</del><br>0.00 | 28.90<br><del>-2.43</del><br>0.00 | 32.32<br><del>-2.96</del><br>0.00 | 33.23<br><del>-3.72</del><br>0.00 | 33.67<br><del>-4.16</del><br>0.00 | 35.79<br><del>-4.42</del><br>0.00 | 36.02<br><del>-4.63</del><br>0.00 | 36.37<br><del>-4.55</del><br>0.00 | 36.39<br><del>-4.62</del><br>0.00 | 36.36<br><del>-4.45</del><br>0.00 | 36.46<br><del>-4.63</del><br>0.00 | 36.52<br><del>-4.61</del><br>0.00 | 36.65<br><del>-4.16</del><br>0.00 | 37.43<br><del>-3.74</del><br>0.00 | 38.86<br><del>-3.88</del><br>0.00 | 38.88<br><del>-3.73</del><br>0.00 | 37.38<br><del>-3.23</del><br>0.00 | 35.34<br><del>-2.79</del><br>0.00 |