

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

02/09/2002

Name PTID	00:00 EST	01:00 EST	02:00 EST	03:00 EST	04:00 EST	05:00 EST	06:00 EST	07:00 EST	08:00 EST	09:00 EST	10:00 EST	11:00 EST	12:00 EST	13:00 EST	14:00 EST	15:00 EST	16:00 EST	17:00 EST	18:00 EST	19:00 EST	20:00 EST	21:00 EST	22:00 EST	23:00 EST
CAPITL 61757	21.51 0.84 0.00	16.29 0.53 0.00	17.08 0.66 0.00	18.89 0.75 0.00	18.61 0.78 0.00	19.87 0.74 0.00	22.47 0.98 0.00	21.10 0.84 0.00	18.46 0.65 0.00	25.10 0.95 0.00	23.05 0.88 0.00	20.59 0.85 0.00	20.79 0.81 0.00	21.06 0.77 0.00	19.85 0.73 0.00	17.20 0.50 0.00	20.09 0.79 0.00	21.87 0.86 0.00	21.47 0.85 0.00	22.50 0.90 0.00	16.66 0.54 0.00	20.04 0.85 0.00	19.30 0.83 0.00	14.86 0.53 0.00
CENTRL 61754	20.14 -0.52 0.00	15.35 -0.41 0.00	15.98 -0.45 0.00	17.59 -0.55 0.00	17.25 -0.58 0.00	18.59 -0.53 0.00	20.90 -0.59 0.00	19.65 -0.61 0.00	17.30 -0.51 0.00	23.45 -0.70 0.00	21.51 -0.66 0.00	19.14 -0.60 0.00	19.38 -0.60 0.00	19.67 -0.62 0.00	18.54 -0.58 0.00	16.24 -0.46 0.00	18.77 -0.54 0.00	20.41 -0.60 0.00	20.08 -0.54 0.00	21.03 -0.58 0.00	15.74 -0.38 0.00	18.69 -0.50 0.00	17.92 -0.54 0.00	13.99 -0.33 0.00
DUNWOD 61760	22.02 1.36 0.00	16.76 1.01 0.00	17.40 0.97 0.00	19.19 1.05 0.00	18.84 1.01 0.00	20.30 1.18 0.00	22.91 1.42 0.00	21.76 1.51 0.00	19.25 1.44 0.00	26.24 2.08 0.00	24.20 2.03 0.00	21.49 1.75 0.00	21.75 1.77 0.00	22.13 1.84 0.00	20.76 1.64 0.00	18.14 1.44 0.00	20.85 1.54 0.00	22.89 1.87 0.00	22.48 1.86 0.00	23.53 1.93 0.00	17.56 1.44 0.00	20.75 1.56 0.00	19.99 1.52 0.00	15.44 1.12 0.00
GENESE 61753	19.89 -0.77 0.00	15.15 -0.60 0.00	15.83 -0.60 0.00	17.45 -0.69 0.00	17.18 -0.65 0.00	18.44 -0.68 0.00	20.77 -0.72 0.00	19.47 -0.79 0.00	17.09 -0.72 0.00	23.14 -1.02 0.00	21.22 -0.95 0.00	18.95 -0.79 0.00	19.17 -0.81 0.00	19.36 -0.94 0.00	18.26 -0.85 0.00	15.93 -0.77 0.00	18.58 -0.73 0.00	20.09 -0.92 0.00	19.84 -0.78 0.00	20.78 -0.83 0.00	15.45 -0.67 0.00	18.47 -0.72 0.00	17.67 -0.79 0.00	13.75 -0.58 0.00
H Q 61844	19.00 -0.15 2.23	19.00 -0.15 2.32	21.00 -0.11 0.19	19.00 -0.16 3.01	19.00 -0.09 3.50	18.94 -0.18 0.00	21.30 -0.19 0.00	20.00 -0.26 0.00	17.57 -0.24 0.00	23.78 -0.37 0.00	25.00 -0.42 0.87	19.42 -0.32 0.00	23.00 -0.35 0.03	19.92 -0.38 0.00	18.75 -0.36 0.00	19.90 -0.27 0.29	20.89 -0.19 2.14	25.35 -0.45 4.36	20.23 -0.39 0.00	21.20 -0.40 0.00	15.78 -0.34 0.00	18.85 -0.34 0.00	18.15 -0.31 0.00	14.09 -0.23 0.00
HUD VL 61758	21.73 1.06 0.00	16.55 0.80 0.00	17.22 0.79 0.00	19.00 0.86 0.00	18.66 0.83 0.00	20.07 0.95 0.00	22.60 1.11 0.00	21.44 1.18 0.00	18.94 1.13 0.00	25.77 1.61 0.00	23.71 1.54 0.00	21.07 1.32 0.00	21.31 1.34 0.00	21.67 1.38 0.00	20.35 1.23 0.00	17.79 1.09 0.00	20.47 1.16 0.00	22.45 1.44 0.00	22.05 1.43 0.00	23.08 1.47 0.00	17.24 1.12 0.00	20.39 1.20 0.00	19.63 1.17 0.00	15.19 0.87 0.00
LONGIL 61762	21.92 1.26 0.00	16.73 0.97 0.00	17.36 0.94 0.00	19.14 1.00 0.00	18.80 0.97 0.00	20.25 1.13 0.00	22.91 1.41 0.00	28.58 1.52 -6.81	25.76 1.41 -6.54	29.66 2.02 -3.48	28.14 1.96 -4.01	21.46 1.71 0.00	22.33 1.76 -0.59	23.36 1.85 -1.22	21.69 1.64 -0.93	23.81 1.44 -5.67	25.02 1.48 -4.22	33.29 1.79 -10.49	32.80 1.78 -10.40	35.10 1.87 -11.63	36.59 1.42 -19.04	29.30 1.53 -8.58	22.22 1.48 -2.28	15.40 1.08 0.00
MHK VL 61756	20.92 0.26 0.00	15.91 0.15 0.00	16.60 0.17 0.00	18.33 0.19 0.00	18.04 0.21 0.00	19.34 0.22 0.00	21.85 0.36 0.00	20.50 0.24 0.00	17.97 0.16 0.00	24.41 0.26 0.00	22.40 0.23 0.00	19.96 0.22 0.00	20.22 0.24 0.00	20.53 0.24 0.00	19.35 0.24 0.00	16.86 0.16 0.00	19.58 0.28 0.00	21.31 0.29 0.00	20.89 0.27 0.00	21.87 0.27 0.00	16.27 0.15 0.00	19.42 0.24 0.00	18.68 0.21 0.00	14.49 0.17 0.00
MILLWD 61759	21.72 1.06 0.00	16.54 0.79 0.00	17.18 0.75 0.00	18.95 0.81 0.00	18.60 0.77 0.00	20.04 0.91 0.00	22.61 1.11 0.00	21.47 1.21 0.00	18.98 1.17 0.00	25.86 1.70 0.00	23.83 1.66 0.00	21.16 1.42 0.00	21.42 1.44 0.00	21.79 1.50 0.00	20.44 1.33 0.00	17.87 1.17 0.00	20.54 1.23 0.00	22.54 1.53 0.00	22.13 1.52 0.00	23.17 1.56 0.00	17.30 1.18 0.00	20.44 1.25 0.00	19.69 1.23 0.00	15.22 0.90 0.00
N.Y.C. 61761	22.44 1.78 0.00	17.09 1.33 0.00	17.72 1.29 0.00	19.54 1.40 0.00	19.18 1.35 0.00	20.69 1.57 0.00	23.38 1.88 0.00	22.22 1.96 0.00	19.67 1.86 0.00	26.84 2.69 0.00	24.84 2.67 0.00	22.03 2.28 0.00	22.29 2.31 0.00	22.69 2.40 0.00	21.26 2.14 0.00	18.55 1.85 0.00	21.28 1.97 0.00	23.39 2.38 0.00	22.99 2.37 0.00	57.85 2.46 -33.79	63.97 1.83 -46.02	35.58 2.02 -14.36	60.40 1.98 -39.96	52.53 1.43 -36.77
NORTH 61755	20.28 -0.38 0.00	15.50 -0.25 0.00	16.14 -0.29 0.00	17.84 -0.30 0.00	17.58 -0.25 0.00	18.87 -0.25 0.00	21.26 -0.23 0.00	19.92 -0.34 0.00	17.48 -0.33 0.00	23.67 -0.49 0.00	21.67 -0.50 0.00	19.32 -0.42 0.00	19.52 -0.46 0.00	19.81 -0.48 0.00	18.65 -0.46 0.00	16.27 -0.43 0.00	18.90 -0.41 0.00	20.54 -0.47 0.00	20.14 -0.48 0.00	21.11 -0.49 0.00	15.69 -0.43 0.00	18.76 -0.43 0.00	18.06 -0.41 0.00	14.02 -0.30 0.00
NPX 61845	20.33 1.18 2.23	20.22 1.07 2.32	22.13 1.02 0.19	20.22 1.06 3.01	20.13 1.04 3.50	19.52 0.40 0.00	22.00 0.51 0.00	20.77 0.51 0.00	18.21 0.40 0.00	24.80 0.64 0.00	27.08 1.66 0.87	20.32 0.57 0.00	24.82 1.47 0.03	20.86 0.57 0.00	19.66 0.55 0.00	21.48 1.31 0.29	22.38 1.30 2.14	27.61 1.81 4.36	21.23 0.61 0.00	22.25 0.65 0.00	16.54 0.41 0.00	19.76 0.57 0.00	19.03 0.57 0.00	14.67 0.35 0.00

H 61846	16.78 <span>-2.37</span> 2.23	16.98 <span>-2.17</span> 2.32	18.98 <span>-2.13</span> 0.19	17.21 <span>-1.95</span> 3.01	17.08 <span>-2.01</span> 3.50	18.22 <span>-0.90</span> 0.00	20.27 <span>-1.22</span> 0.00	19.09 <span>-1.17</span> 0.00	16.75 <span>-1.06</span> 0.00	22.34 <span>-1.82</span> 0.00	21.61 <span>-3.81</span> 0.87	18.21 <span>-1.54</span> 0.00	20.12 <span>-3.23</span> 0.03	18.73 <span>-1.57</span> 0.00	17.65 <span>-1.46</span> 0.00	17.20 <span>-2.97</span> 0.29	17.81 <span>-3.27</span> 2.14	21.88 <span>-3.92</span> 4.36	19.10 <span>-1.52</span> 0.00	19.98 <span>-1.62</span> 0.00	15.06 <span>-1.06</span> 0.00	17.79 <span>-1.40</span> 0.00	17.13 <span>-1.34</span> 0.00	13.42 <span>-0.90</span> 0.00
PJM 61847	17.27 <span>-1.88</span> 2.23	17.09 <span>-2.06</span> 2.32	19.07 <span>-2.04</span> 0.19	17.48 <span>-1.68</span> 3.01	17.24 <span>-1.85</span> 3.50	18.19 <span>-0.93</span> 0.00	20.38 <span>-1.11</span> 0.00	19.23 <span>-1.03</span> 0.00	16.91 <span>-0.90</span> 0.00	22.79 <span>-1.37</span> 0.00	22.95 <span>-2.47</span> 0.87	18.53 <span>-1.22</span> 0.00	20.99 <span>-2.36</span> 0.03	19.09 <span>-1.20</span> 0.00	17.98 <span>-1.13</span> 0.00	18.00 <span>-2.17</span> 0.29	18.00 <span>-2.62</span> 2.60	22.91 <span>-2.89</span> 4.36	19.38 <span>-1.24</span> 0.00	20.29 <span>-1.32</span> 0.00	15.26 <span>-0.86</span> 0.00	18.05 <span>-1.14</span> 0.00	17.35 <span>-1.11</span> 0.00	13.55 <span>-0.77</span> 0.00
WEST 61752	19.40 <span>-1.26</span> 0.00	15.05 <span>-0.71</span> 0.00	15.65 <span>-0.78</span> 0.00	17.24 <span>-0.90</span> 0.00	16.92 <span>-0.91</span> 0.00	18.26 <span>-0.86</span> 0.00	20.30 <span>-1.19</span> 0.00	19.09 <span>-1.17</span> 0.00	16.75 <span>-1.06</span> 0.00	22.33 <span>-1.83</span> 0.00	20.43 <span>-1.74</span> 0.00	18.18 <span>-1.56</span> 0.00	18.43 <span>-1.54</span> 0.00	18.69 <span>-1.60</span> 0.00	17.61 <span>-1.50</span> 0.00	15.56 <span>-1.14</span> 0.00	17.80 <span>-1.51</span> 0.00	19.30 <span>-1.71</span> 0.00	19.09 <span>-1.53</span> 0.00	19.98 <span>-1.62</span> 0.00	15.07 <span>-1.05</span> 0.00	17.79 <span>-1.40</span> 0.00	17.10 <span>-1.37</span> 0.00	13.41 <span>-0.92</span> 0.00