

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/08/2002

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	15.50 0.32 0.00	-1.04 -0.02 0.00	-1.04 -0.02 0.00	6.33 0.16 0.00	14.43 0.37 0.00	13.00 0.29 0.00	15.77 0.23 0.00	12.70 0.13 0.00	16.50 0.24 0.00	19.21 0.41 0.00	30.84 1.08 0.00	24.69 0.86 0.00	28.42 0.95 0.00	24.88 0.84 0.00	23.70 0.79 0.00	20.99 0.69 0.00	20.31 0.69 0.00	31.70 1.08 0.00	23.90 0.74 0.00	18.15 0.37 0.00	16.54 0.42 0.00	17.68 0.45 0.00	19.62 0.56 0.00	18.90 0.60 0.00
CENTRL 61754	14.95 -0.23 0.00	-1.01 0.01 0.00	-1.01 0.01 0.00	6.12 -0.05 0.00	13.90 -0.15 0.00	12.60 -0.12 0.00	15.36 -0.18 0.00	12.46 -0.11 0.00	16.07 -0.19 0.00	18.48 -0.31 0.00	29.11 -0.65 0.00	23.31 -0.52 0.00	26.88 -0.60 0.00	23.51 -0.53 0.00	22.40 -0.51 0.00	19.87 -0.43 0.00	19.21 -0.41 0.00	29.99 -0.63 0.00	22.73 -0.43 0.00	17.48 -0.31 0.00	15.90 -0.22 0.00	16.93 -0.30 0.00	18.71 -0.35 0.00	17.88 -0.43 0.00
DUNWOD 61760	16.01 0.83 0.00	-1.07 -0.05 0.00	-1.06 -0.04 0.00	6.40 0.23 0.00	14.58 0.52 0.00	13.20 0.49 0.00	16.24 0.70 0.00	13.27 0.70 0.00	17.25 0.99 0.00	20.03 1.23 0.00	31.66 1.90 0.00	25.31 1.48 0.00	29.22 1.74 0.00	25.55 1.51 0.00	24.33 1.42 0.00	21.52 1.22 0.00	20.76 1.14 0.00	32.38 1.76 0.00	24.49 1.33 0.00	18.91 1.13 0.00	17.13 1.00 0.00	18.38 1.14 0.00	20.19 1.14 0.00	19.34 1.03 0.00
GENESE 61753	14.70 -0.48 0.00	-0.99 0.03 0.00	-1.00 0.02 0.00	6.05 -0.12 0.00	13.72 -0.33 0.00	12.37 -0.35 0.00	15.07 -0.47 0.00	12.19 -0.38 0.00	15.81 -0.45 0.00	18.25 -0.55 0.00	28.89 -0.87 0.00	23.17 -0.66 0.00	26.68 -0.79 0.00	23.35 -0.69 0.00	22.25 -0.66 0.00	19.77 -0.53 0.00	19.15 -0.47 0.00	29.89 -0.73 0.00	22.62 -0.54 0.00	17.24 -0.55 0.00	15.66 -0.47 0.00	16.71 -0.53 0.00	18.53 -0.53 0.00	17.75 -0.55 0.00
H Q 61844	14.86 -0.32 0.00	-1.00 0.02 0.00	-1.00 0.02 0.00	6.05 -0.11 0.00	13.81 -0.25 0.00	12.49 -0.22 0.00	6.00 0.00 -5.97	12.31 -0.25 0.00	15.93 -0.33 0.00	18.43 -0.37 0.00	29.39 -0.37 0.00	23.57 -0.26 0.00	27.16 -0.31 0.00	23.77 -0.27 0.00	22.67 -0.24 0.00	20.09 -0.21 0.00	19.42 -0.21 0.00	30.30 -0.32 0.00	22.85 -0.31 0.00	17.51 -0.28 0.00	15.86 -0.26 0.00	16.97 -0.27 0.00	18.79 -0.26 0.00	18.12 -0.19 0.00
HUD VL 61758	15.83 0.66 0.00	-1.06 -0.04 0.00	-1.06 -0.04 0.00	6.36 0.19 0.00	14.49 0.43 0.00	13.13 0.41 0.00	16.11 0.56 0.00	13.11 0.54 0.00	17.00 0.74 0.00	19.68 0.88 0.00	31.01 1.26 0.00	24.79 0.96 0.00	28.61 1.14 0.00	25.03 0.99 0.00	23.85 0.94 0.00	21.11 0.81 0.00	20.38 0.76 0.00	31.80 1.18 0.00	24.08 0.92 0.00	18.60 0.81 0.00	16.85 0.73 0.00	18.06 0.83 0.00	19.86 0.80 0.00	19.02 0.72 0.00
LONGIL 61762	15.91 0.73 0.00	-1.07 -0.05 0.00	-1.06 -0.04 0.00	33.98 0.22 -27.59	33.95 0.50 -19.39	17.58 0.46 -4.41	22.95 0.66 -6.75	36.74 0.66 -23.51	37.69 0.91 -20.52	37.35 1.08 -17.47	39.30 1.65 -7.89	38.29 1.26 -13.21	35.70 1.47 -6.75	33.95 1.28 -8.63	34.61 1.22 -10.48	37.59 1.06 -16.22	38.57 0.98 -17.97	35.55 1.45 -3.48	36.71 1.15 -12.40	34.70 0.98 -15.93	38.33 0.87 -21.33	38.57 0.99 -20.34	30.95 0.97 -10.92	20.96 0.89 -1.77
MHK VL 61756	15.36 0.18 0.00	-1.03 -0.01 0.00	-1.03 -0.01 0.00	6.25 0.08 0.00	14.24 0.18 0.00	12.87 0.15 0.00	15.72 0.18 0.00	12.72 0.16 0.00	16.49 0.23 0.00	19.08 0.28 0.00	30.25 0.49 0.00	24.22 0.39 0.00	27.91 0.43 0.00	24.43 0.39 0.00	23.28 0.37 0.00	20.63 0.33 0.00	19.94 0.32 0.00	31.10 0.48 0.00	23.48 0.32 0.00	17.96 0.17 0.00	16.28 0.15 0.00	17.41 0.17 0.00	19.29 0.24 0.00	18.53 0.22 0.00
MILLWD 61759	15.81 0.63 0.00	-1.06 -0.04 0.00	-1.05 -0.03 0.00	6.32 0.15 0.00	14.41 0.36 0.00	13.05 0.34 0.00	16.05 0.51 0.00	13.09 0.53 0.00	17.02 0.76 0.00	19.75 0.95 0.00	31.20 1.44 0.00	24.94 1.11 0.00	28.80 1.32 0.00	25.19 1.14 0.00	23.98 1.07 0.00	21.22 0.91 0.00	20.47 0.85 0.00	31.93 1.31 0.00	24.15 0.99 0.00	18.66 0.87 0.00	16.89 0.77 0.00	18.13 0.89 0.00	19.92 0.86 0.00	19.07 0.77 0.00
N.Y.C. 61761	30.74 1.06 -14.50	-1.08 -0.06 0.00	-1.08 -0.06 0.00	6.46 0.29 0.00	14.72 0.66 0.00	13.33 0.61 0.00	16.41 0.87 0.00	13.44 0.88 0.00	17.51 1.25 0.00	20.39 1.59 0.00	48.48 2.51 -16.21	30.36 1.95 -4.57	30.73 2.30 -0.95	29.02 1.98 -3.00	25.98 1.88 -1.19	23.89 1.62 -1.97	21.13 1.50 0.00	32.96 2.34 0.00	27.89 1.76 -2.97	23.80 1.45 -4.55	23.02 1.30 -5.60	26.81 1.47 -8.10	27.40 1.48 -6.87	20.15 1.35 -0.50
NORTH 61755	14.90 -0.28 0.00	-1.00 0.02 0.00	-1.00 0.02 0.00	6.07 -0.10 0.00	13.85 -0.21 0.00	12.52 -0.19 0.00	15.32 -0.22 0.00	12.35 -0.22 0.00	15.99 -0.27 0.00	18.53 -0.27 0.00	29.56 -0.20 0.00	23.70 -0.12 0.00	27.31 -0.16 0.00	23.91 -0.14 0.00	22.79 -0.12 0.00	20.19 -0.11 0.00	19.52 -0.11 0.00	30.46 -0.16 0.00	22.84 -0.33 0.00	17.45 -0.34 0.00	15.81 -0.32 0.00	16.91 -0.33 0.00	18.76 -0.30 0.00	18.19 -0.11 0.00
NPX 61845	15.38 0.21 0.00	-1.03 -0.01 0.00	-1.03 -0.01 0.00	6.23 0.07 0.00	14.20 0.14 0.00	12.81 0.10 0.00	6.00 0.00 -5.97	12.64 0.07 0.00	16.39 0.13 0.00	19.05 0.26 0.00	30.40 0.65 0.00	24.32 0.49 0.00	28.02 0.54 0.00	24.53 0.49 0.00	23.38 0.47 0.00	20.70 0.40 0.00	20.02 0.40 0.00	31.25 0.63 0.00	23.56 0.40 0.00	18.00 0.21 0.00	16.36 0.23 0.00	17.48 0.25 0.00	19.36 0.30 0.00	18.65 0.35 0.00

H 61846	14.83 <span>-0.35</span> <span>0.00</span>	-1.00 <span>0.02</span> <span>0.00</span>	-1.00 <span>0.02</span> <span>0.00</span>	6.04 <span>-0.13</span> <span>0.00</span>	13.77 <span>-0.28</span> <span>0.00</span>	12.49 <span>-0.22</span> <span>0.00</span>	6.00 <span>0.00</span> <span>-5.97</span>	12.33 <span>-0.23</span> <span>0.00</span>	15.76 <span>-0.50</span> <span>0.00</span>	17.92 <span>-0.88</span> <span>0.00</span>	27.69 <span>-2.07</span> <span>0.00</span>	22.21 <span>-1.62</span> <span>0.00</span>	25.67 <span>-1.80</span> <span>0.00</span>	22.46 <span>-1.59</span> <span>0.00</span>	21.40 <span>-1.51</span> <span>0.00</span>	19.03 <span>-1.27</span> <span>0.00</span>	18.42 <span>-1.20</span> <span>0.00</span>	28.73 <span>-1.89</span> <span>0.00</span>	22.01 <span>-1.16</span> <span>0.00</span>	17.09 <span>-0.70</span> <span>0.00</span>	15.47 <span>-0.66</span> <span>0.00</span>	16.44 <span>-0.80</span> <span>0.00</span>	18.11 <span>-0.95</span> <span>0.00</span>	17.36 <span>-0.94</span> <span>0.00</span>
PJM 61847	14.87 <span>-0.31</span> <span>0.00</span>	-1.00 <span>0.02</span> <span>0.00</span>	-1.00 <span>0.02</span> <span>0.00</span>	6.04 <span>-0.13</span> <span>0.00</span>	13.79 <span>-0.26</span> <span>0.00</span>	12.52 <span>-0.19</span> <span>0.00</span>	6.00 <span>0.00</span> <span>-5.97</span>	12.40 <span>-0.17</span> <span>0.00</span>	15.94 <span>-0.32</span> <span>0.00</span>	18.25 <span>-0.55</span> <span>0.00</span>	28.44 <span>-1.32</span> <span>0.00</span>	22.75 <span>-1.08</span> <span>0.00</span>	26.26 <span>-1.21</span> <span>0.00</span>	22.95 <span>-1.10</span> <span>0.00</span>	21.89 <span>-1.02</span> <span>0.00</span>	19.40 <span>-0.90</span> <span>0.00</span>	18.75 <span>-0.87</span> <span>0.00</span>	29.23 <span>-1.38</span> <span>0.00</span>	22.22 <span>-0.94</span> <span>0.00</span>	17.24 <span>-0.55</span> <span>0.00</span>	15.58 <span>-0.54</span> <span>0.00</span>	16.68 <span>-0.56</span> <span>0.00</span>	18.39 <span>-0.66</span> <span>0.00</span>	17.64 <span>-0.66</span> <span>0.00</span>
WEST 61752	14.86 <span>-0.32</span> <span>0.00</span>	-1.01 <span>0.01</span> <span>0.00</span>	-1.01 <span>0.01</span> <span>0.00</span>	6.05 <span>-0.12</span> <span>0.00</span>	13.81 <span>-0.25</span> <span>0.00</span>	12.52 <span>-0.19</span> <span>0.00</span>	15.32 <span>-0.22</span> <span>0.00</span>	12.38 <span>-0.19</span> <span>0.00</span>	15.81 <span>-0.45</span> <span>0.00</span>	17.94 <span>-0.86</span> <span>0.00</span>	27.62 <span>-2.13</span> <span>0.00</span>	22.13 <span>-1.70</span> <span>0.00</span>	25.57 <span>-1.91</span> <span>0.00</span>	22.37 <span>-1.67</span> <span>0.00</span>	21.31 <span>-1.60</span> <span>0.00</span>	19.00 <span>-1.30</span> <span>0.00</span>	18.40 <span>-1.22</span> <span>0.00</span>	28.68 <span>-1.94</span> <span>0.00</span>	21.98 <span>-1.18</span> <span>0.00</span>	17.09 <span>-0.69</span> <span>0.00</span>	15.48 <span>-0.64</span> <span>0.00</span>	16.44 <span>-0.80</span> <span>0.00</span>	18.13 <span>-0.93</span> <span>0.00</span>	17.37 <span>-0.94</span> <span>0.00</span>