

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/14/2002

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	17.63 0.53 0.00	5.83 0.17 0.00	16.74 0.59 0.00	17.93 0.65 0.00	17.90 0.63 0.00	17.96 0.55 0.00	27.06 0.91 0.00	20.33 0.45 0.00	23.34 0.38 0.00	25.30 0.33 0.00	22.59 0.20 0.00	21.81 0.24 0.00	20.68 0.22 0.00	22.78 0.24 0.00	19.06 0.16 0.00	17.82 0.04 0.00	17.66 0.09 0.00	16.60 0.04 0.00	14.42 0.02 0.00	17.31 0.11 0.00	18.11 0.18 0.00	21.08 0.40 0.00	18.88 0.27 0.00	19.85 0.57 0.00
CENTRL 61754	16.85 -0.26 0.00	5.58 -0.08 0.00	15.96 -0.19 0.00	17.02 -0.26 0.00	17.04 -0.22 0.00	17.12 -0.28 0.00	25.61 -0.54 0.00	19.50 -0.38 0.00	22.56 -0.40 0.00	24.55 -0.42 0.00	22.07 -0.31 0.00	21.28 -0.30 0.00	20.16 -0.30 0.00	22.20 -0.34 0.00	18.62 -0.28 0.00	17.51 -0.26 0.00	17.28 -0.29 0.00	16.31 -0.25 0.00	14.29 -0.11 0.00	16.99 -0.21 0.00	17.62 -0.31 0.00	20.30 -0.38 0.00	18.30 -0.31 0.00	18.90 -0.38 0.00
DUNWOD 61760	18.00 0.89 0.00	5.94 0.28 0.00	16.86 0.71 0.00	18.01 0.73 0.00	18.01 0.74 0.00	18.30 0.90 0.00	27.89 1.74 0.00	21.72 1.83 0.00	25.27 2.31 0.00	27.58 2.62 0.00	24.74 2.35 0.00	23.77 2.19 0.00	22.51 2.05 0.00	24.84 2.30 0.00	20.72 1.83 0.00	19.40 1.62 0.00	19.15 1.58 0.00	18.12 1.56 0.00	15.71 1.31 0.00	18.81 1.61 0.00	19.70 1.77 0.00	22.63 1.95 0.00	20.27 1.66 0.00	20.66 1.38 0.00
GENESE 61753	16.64 -0.47 0.00	5.49 -0.17 0.00	15.67 -0.48 0.00	16.72 -0.56 0.00	16.72 -0.54 0.00	16.86 -0.55 0.00	25.26 -0.89 0.00	18.92 -0.96 0.00	21.82 -1.15 0.00	23.66 -1.31 0.00	21.31 -1.07 0.00	20.61 -0.96 0.00	19.55 -0.91 0.00	21.51 -1.03 0.00	18.08 -0.82 0.00	17.11 -0.66 0.00	16.93 -0.64 0.00	15.90 -0.66 0.00	13.85 -0.55 0.00	16.43 -0.77 0.00	17.05 -0.88 0.00	19.68 -0.99 0.00	17.71 -0.90 0.00	18.53 -0.75 0.00
H Q 61844	16.77 -0.33 0.00	5.55 -0.11 0.00	15.83 -0.32 0.00	16.91 -0.37 0.00	16.91 -0.36 0.00	17.07 -0.34 0.00	25.69 -0.45 0.00	19.91 -0.51 1.66	22.31 -0.65 0.00	24.24 -0.72 0.00	21.71 -0.67 0.00	20.94 -0.63 0.00	19.87 -0.59 0.00	21.88 -0.66 0.00	18.40 -0.50 0.00	17.35 -0.42 0.00	17.18 -0.39 0.00	16.18 -0.38 0.00	14.06 -0.34 0.00	16.77 -0.43 0.00	17.46 -0.47 0.00	20.15 -0.52 0.00	18.09 -0.52 0.00	18.82 -0.46 0.00
HUD VL 61758	17.78 0.67 0.00	5.88 0.22 0.00	16.71 0.56 0.00	17.85 0.58 0.00	17.85 0.58 0.00	18.10 0.70 0.00	27.41 1.27 0.00	21.21 1.32 0.00	24.61 1.65 0.00	26.84 1.88 0.00	24.08 1.69 0.00	23.18 1.60 0.00	21.96 1.50 0.00	24.21 1.67 0.00	20.24 1.35 0.00	19.00 1.22 0.00	18.77 1.20 0.00	17.74 1.18 0.00	15.41 1.01 0.00	18.44 1.24 0.00	19.28 1.35 0.00	22.12 1.44 0.00	19.83 1.22 0.00	20.27 0.99 0.00
LONGIL 61762	17.93 0.83 0.00	5.93 0.27 0.00	16.85 0.70 0.00	18.00 0.73 0.00	18.00 0.74 0.00	18.30 0.90 0.00	32.89 1.73 -5.02	37.26 1.79 -15.59	37.52 2.22 -12.33	38.18 2.47 -10.75	34.17 2.22 -9.56	38.31 2.07 -14.66	37.58 1.94 -15.17	37.96 2.13 -13.29	37.63 1.70 -17.03	38.35 1.53 -19.05	38.01 1.48 -18.96	37.89 1.47 -19.86	37.68 1.21 -22.07	37.42 1.50 -18.73	37.68 1.64 -18.11	37.75 1.78 -15.29	20.37 1.52 -0.24	20.55 1.27 0.00
MHK VL 61756	17.37 0.26 0.00	5.74 0.08 0.00	16.43 0.28 0.00	17.59 0.31 0.00	17.58 0.32 0.00	17.71 0.30 0.00	26.62 0.47 0.00	20.14 0.26 0.00	23.24 0.28 0.00	25.26 0.29 0.00	22.67 0.28 0.00	21.84 0.26 0.00	20.67 0.21 0.00	22.79 0.25 0.00	19.05 0.16 0.00	17.89 0.12 0.00	17.69 0.12 0.00	16.67 0.11 0.00	14.49 0.08 0.00	17.30 0.10 0.00	18.03 0.11 0.00	20.86 0.18 0.00	18.75 0.14 0.00	19.47 0.20 0.00
MILLWD 61759	17.78 0.67 0.00	5.87 0.21 0.00	16.67 0.51 0.00	17.80 0.53 0.00	17.79 0.53 0.00	18.08 0.68 0.00	27.53 1.38 0.00	21.41 1.53 0.00	24.91 1.94 0.00	27.17 2.21 0.00	24.37 1.98 0.00	23.41 1.83 0.00	22.18 1.71 0.00	24.46 1.92 0.00	20.41 1.52 0.00	19.11 1.34 0.00	18.87 1.30 0.00	17.86 1.30 0.00	15.50 1.09 0.00	18.55 1.35 0.00	19.42 1.50 0.00	22.31 1.63 0.00	19.98 1.38 0.00	20.38 1.10 0.00
N.Y.C. 61761	22.98 1.11 -4.76	6.01 0.35 0.00	17.04 0.89 0.00	18.19 0.92 0.00	18.19 0.93 0.00	18.52 1.11 0.00	28.31 2.16 0.00	36.75 2.25 -14.61	34.66 2.84 -8.85	36.62 3.23 -8.42	36.26 3.07 -10.81	37.42 2.72 -13.12	27.92 2.55 -4.91	31.65 2.87 -6.24	29.92 2.24 -8.77	25.20 1.98 -5.45	25.00 1.93 -5.50	24.14 1.90 -5.68	32.64 1.58 -16.67	34.43 1.94 -15.29	34.26 2.15 -14.18	35.53 2.38 -12.47	32.16 2.03 -11.52	23.86 1.73 -2.85
NORTH 61755	16.85 -0.26 0.00	5.57 -0.09 0.00	15.90 -0.25 0.00	16.99 -0.29 0.00	16.98 -0.28 0.00	17.14 -0.27 0.00	25.81 -0.34 0.00	19.30 -0.58 0.00	22.19 -0.77 0.00	24.11 -0.86 0.00	21.60 -0.79 0.00	20.84 -0.74 0.00	19.77 -0.69 0.00	21.78 -0.76 0.00	18.31 -0.58 0.00	17.27 -0.50 0.00	17.10 -0.47 0.00	16.10 -0.46 0.00	13.99 -0.42 0.00	16.68 -0.52 0.00	17.36 -0.56 0.00	20.07 -0.60 0.00	18.00 -0.61 0.00	18.76 -0.52 0.00
NPX 61845	17.32 0.21 0.00	5.73 0.06 0.00	16.39 0.24 0.00	17.57 0.29 0.00	17.54 0.27 0.00	17.63 0.22 0.00	26.58 0.43 0.00	21.77 1.35 1.66	23.22 0.26 0.00	25.21 0.24 0.00	22.55 0.17 0.00	21.74 0.17 0.00	20.63 0.17 0.00	22.73 0.19 0.00	19.03 0.14 0.00	17.79 0.02 0.00	17.62 0.05 0.00	16.60 0.04 0.00	14.42 0.02 0.00	17.29 0.09 0.00	18.10 0.17 0.00	20.97 0.29 0.00	18.80 0.19 0.00	19.59 0.31 0.00

H 61846	16.59 <span>-0.51</span> <span>0.00</span>	5.51 <span>-0.15</span> <span>0.00</span>	15.52 <span>-0.63</span> <span>0.00</span>	16.55 <span>-0.72</span> <span>0.00</span>	16.57 <span>-0.69</span> <span>0.00</span>	16.86 <span>-0.55</span> <span>0.00</span>	25.07 <span>-1.08</span> <span>0.00</span>	18.92 <span>-1.50</span> <span>1.66</span>	21.89 <span>-1.08</span> <span>0.00</span>	23.76 <span>-1.20</span> <span>0.00</span>	21.45 <span>-0.93</span> <span>0.00</span>	20.73 <span>-0.84</span> <span>0.00</span>	19.71 <span>-0.75</span> <span>0.00</span>	21.64 <span>-0.90</span> <span>0.00</span>	18.31 <span>-0.59</span> <span>0.00</span>	17.45 <span>-0.32</span> <span>0.00</span>	17.17 <span>-0.40</span> <span>0.00</span>	16.27 <span>-0.29</span> <span>0.00</span>	14.27 <span>-0.13</span> <span>0.00</span>	16.89 <span>-0.30</span> <span>0.00</span>	17.45 <span>-0.47</span> <span>0.00</span>	19.88 <span>-0.80</span> <span>0.00</span>	18.04 <span>-0.57</span> <span>0.00</span>	18.57 <span>-0.70</span> <span>0.00</span>
PJM 61847	16.66 <span>-0.45</span> <span>0.00</span>	5.52 <span>-0.14</span> <span>0.00</span>	15.68 <span>-0.47</span> <span>0.00</span>	16.76 <span>-0.52</span> <span>0.00</span>	16.77 <span>-0.49</span> <span>0.00</span>	17.01 <span>-0.39</span> <span>0.00</span>	25.44 <span>-0.70</span> <span>0.00</span>	20.04 <span>-0.38</span> <span>1.66</span>	22.50 <span>-0.47</span> <span>0.00</span>	24.49 <span>-0.47</span> <span>0.00</span>	22.00 <span>-0.39</span> <span>0.00</span>	21.19 <span>-0.39</span> <span>0.00</span>	20.10 <span>-0.36</span> <span>0.00</span>	22.15 <span>-0.39</span> <span>0.00</span>	18.61 <span>-0.29</span> <span>0.00</span>	17.64 <span>-0.14</span> <span>0.00</span>	17.39 <span>-0.18</span> <span>0.00</span>	16.48 <span>-0.08</span> <span>0.00</span>	14.36 <span>-0.04</span> <span>0.00</span>	17.12 <span>-0.07</span> <span>0.00</span>	17.78 <span>-0.14</span> <span>0.00</span>	20.35 <span>-0.32</span> <span>0.00</span>	18.37 <span>-0.24</span> <span>0.00</span>	18.82 <span>-0.46</span> <span>0.00</span>
WEST 61752	16.68 <span>-0.42</span> <span>0.00</span>	5.53 <span>-0.13</span> <span>0.00</span>	15.59 <span>-0.56</span> <span>0.00</span>	16.62 <span>-0.66</span> <span>0.00</span>	16.65 <span>-0.62</span> <span>0.00</span>	16.96 <span>-0.45</span> <span>0.00</span>	25.16 <span>-0.98</span> <span>0.00</span>	19.07 <span>-0.82</span> <span>0.00</span>	21.93 <span>-1.03</span> <span>0.00</span>	23.84 <span>-1.13</span> <span>0.00</span>	21.53 <span>-0.85</span> <span>0.00</span>	20.79 <span>-0.78</span> <span>0.00</span>	19.79 <span>-0.67</span> <span>0.00</span>	21.72 <span>-0.82</span> <span>0.00</span>	18.40 <span>-0.50</span> <span>0.00</span>	17.56 <span>-0.21</span> <span>0.00</span>	17.28 <span>-0.29</span> <span>0.00</span>	16.37 <span>-0.19</span> <span>0.00</span>	14.37 <span>-0.04</span> <span>0.00</span>	16.99 <span>-0.20</span> <span>0.00</span>	17.53 <span>-0.39</span> <span>0.00</span>	19.94 <span>-0.74</span> <span>0.00</span>	18.09 <span>-0.51</span> <span>0.00</span>	18.60 <span>-0.68</span> <span>0.00</span>