

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

02/17/2002

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	16.04 0.58 0.00	19.12 0.85 0.00	16.06 0.72 0.00	14.10 0.61 0.00	13.81 0.57 0.00	14.75 0.58 0.00	17.74 0.60 0.00	18.28 0.79 0.00	19.50 0.81 0.00	19.20 0.94 0.00	18.96 0.86 0.00	19.40 0.91 0.00	18.50 0.90 0.00	19.11 0.92 0.00	20.85 1.04 0.00	20.18 1.13 0.00	17.73 0.93 0.00	21.30 1.19 0.00	21.91 1.31 0.00	24.44 1.42 0.00	22.55 1.14 0.00	18.59 0.85 0.00	17.17 0.74 0.00	15.77 0.64 0.00
CENTRL 61754	15.14 -0.32 0.00	17.88 -0.39 0.00	14.95 -0.39 0.00	13.22 -0.27 0.00	12.99 -0.25 0.00	13.91 -0.26 0.00	16.70 -0.44 0.00	17.01 -0.47 0.00	18.19 -0.50 0.00	17.79 -0.48 0.00	17.62 -0.48 0.00	17.99 -0.50 0.00	17.12 -0.49 0.00	17.69 -0.49 0.00	19.26 -0.54 0.00	18.52 -0.53 0.00	16.35 -0.44 0.00	19.65 -0.47 0.00	20.14 -0.46 0.00	22.51 -0.51 0.00	21.00 -0.41 0.00	17.34 -0.39 0.00	16.02 -0.41 0.00	14.79 -0.34 0.00
DUNWOD 61760	16.38 0.92 0.00	19.18 0.92 0.00	16.04 0.70 0.00	14.07 0.58 0.00	13.79 0.55 0.00	14.81 0.64 0.00	18.07 0.93 0.00	18.44 0.95 0.00	19.84 1.15 0.00	19.37 1.10 0.00	19.33 1.23 0.00	19.76 1.27 0.00	18.79 1.19 0.00	19.39 1.20 0.00	21.09 1.29 0.00	20.23 1.18 0.00	17.86 1.06 0.00	21.46 1.34 0.00	21.93 1.33 0.00	24.53 1.51 0.00	22.89 1.48 0.00	18.94 1.20 0.00	17.53 1.11 0.00	16.09 0.96 0.00
GENESE 61753	14.94 -0.51 0.00	17.72 -0.55 0.00	14.92 -0.42 0.00	13.17 -0.32 0.00	12.96 -0.27 0.00	13.83 -0.34 0.00	16.56 -0.58 0.00	16.86 -0.62 0.00	17.98 -0.71 0.00	17.69 -0.57 0.00	17.43 -0.67 0.00	17.83 -0.66 0.00	17.02 -0.58 0.00	17.65 -0.54 0.00	19.19 -0.61 0.00	18.47 -0.58 0.00	16.29 -0.51 0.00	19.52 -0.60 0.00	20.06 -0.54 0.00	22.35 -0.67 0.00	20.69 -0.72 0.00	17.14 -0.60 0.00	15.91 -0.51 0.00	14.70 -0.43 0.00
H Q 61844	15.36 -0.10 0.00	18.19 -0.08 0.00	15.30 -0.04 0.00	13.44 -0.05 0.00	13.18 -0.06 0.00	14.09 -0.08 0.00	17.01 -0.13 0.00	17.30 -0.18 0.00	18.49 -0.20 0.00	18.08 -0.18 0.00	17.86 -0.24 0.00	18.23 -0.26 0.00	17.38 -0.22 0.00	17.97 -0.22 0.00	19.57 -0.23 0.00	18.84 -0.21 0.00	16.58 -0.22 0.00	19.78 -0.34 0.00	20.27 -0.33 0.00	22.66 -0.37 0.00	21.02 -0.40 0.00	17.46 -0.28 0.00	16.25 -0.18 0.00	15.03 -0.10 0.00
HUD VL 61758	16.15 0.69 0.00	18.96 0.69 0.00	15.88 0.53 0.00	13.94 0.45 0.00	13.67 0.43 0.00	14.67 0.50 0.00	17.87 0.73 0.00	18.22 0.73 0.00	19.55 0.86 0.00	19.09 0.83 0.00	19.04 0.94 0.00	19.44 0.96 0.00	18.50 0.90 0.00	19.09 0.90 0.00	20.75 0.95 0.00	19.90 0.85 0.00	17.58 0.78 0.00	21.11 1.00 0.00	21.58 0.98 0.00	24.13 1.10 0.00	22.48 1.07 0.00	18.61 0.87 0.00	17.26 0.83 0.00	15.87 0.74 0.00
LONGIL 61762	16.40 0.94 0.00	19.22 0.95 0.00	16.08 0.74 0.00	14.10 0.61 0.00	13.83 0.59 0.00	22.55 0.68 -7.70	24.01 0.98 -5.88	24.62 0.99 -6.15	25.17 1.16 -5.32	26.47 1.08 -7.12	27.24 1.19 -7.95	27.54 1.19 -7.86	26.43 1.12 -7.71	26.01 1.15 -6.67	25.57 1.24 -4.52	24.23 1.14 -4.04	25.59 1.03 -7.77	28.59 1.29 -7.19	32.39 1.24 -10.56	31.17 1.40 -6.74	29.35 1.38 -6.55	25.26 1.12 -6.40	20.11 1.06 -2.62	16.09 0.96 0.00
MHK VL 61756	15.54 0.08 0.00	18.42 0.16 0.00	15.50 0.15 0.00	13.62 0.13 0.00	13.37 0.13 0.00	14.29 0.12 0.00	17.24 0.10 0.00	17.67 0.18 0.00	18.85 0.16 0.00	18.44 0.18 0.00	18.21 0.11 0.00	18.61 0.12 0.00	17.75 0.15 0.00	18.33 0.14 0.00	19.99 0.18 0.00	19.26 0.21 0.00	16.92 0.12 0.00	20.28 0.16 0.00	20.78 0.18 0.00	23.23 0.20 0.00	21.58 0.17 0.00	17.86 0.12 0.00	16.56 0.14 0.00	15.26 0.13 0.00
MILLWD 61759	16.16 0.70 0.00	18.93 0.67 0.00	15.84 0.50 0.00	13.89 0.40 0.00	13.61 0.38 0.00	14.62 0.45 0.00	17.84 0.70 0.00	18.20 0.71 0.00	19.57 0.88 0.00	19.10 0.83 0.00	19.06 0.96 0.00	19.47 0.98 0.00	18.52 0.92 0.00	19.11 0.92 0.00	20.79 0.98 0.00	19.94 0.89 0.00	17.60 0.80 0.00	21.13 1.02 0.00	21.60 1.00 0.00	24.16 1.14 0.00	22.55 1.13 0.00	18.65 0.91 0.00	17.27 0.85 0.00	15.87 0.73 0.00
N.Y.C. 61761	16.70 1.24 0.00	19.54 1.27 0.00	16.33 0.98 0.00	14.30 0.81 0.00	14.01 0.77 0.00	15.05 0.88 0.00	18.39 1.25 0.00	18.77 1.29 0.00	20.23 1.54 0.00	19.76 1.49 0.00	19.76 1.66 0.00	20.19 1.71 0.00	19.23 1.63 0.00	19.83 1.64 0.00	21.57 1.77 0.00	20.67 1.62 0.00	18.25 1.45 0.00	21.93 1.81 0.00	22.39 1.79 0.00	25.05 2.03 0.00	23.42 2.00 0.00	19.36 1.62 0.00	17.91 1.48 0.00	16.41 1.28 0.00
NORTH 61755	15.37 -0.08 0.00	18.25 -0.02 0.00	15.37 0.02 0.00	13.50 0.01 0.00	13.22 -0.01 0.00	14.13 -0.04 0.00	17.04 -0.11 0.00	17.35 -0.14 0.00	18.55 -0.14 0.00	18.15 -0.11 0.00	17.89 -0.21 0.00	18.26 -0.23 0.00	17.42 -0.18 0.00	18.01 -0.18 0.00	19.62 -0.18 0.00	18.90 -0.14 0.00	16.61 -0.18 0.00	19.78 -0.33 0.00	20.28 -0.32 0.00	22.66 -0.37 0.00	20.89 -0.52 0.00	17.34 -0.40 0.00	16.25 -0.17 0.00	15.05 -0.08 0.00
NPX 61845	15.71 0.25 0.00	18.64 0.37 0.00	15.64 0.30 0.00	13.73 0.24 0.00	13.46 0.22 0.00	14.41 0.24 0.00	17.40 0.26 0.00	17.86 0.38 0.00	19.07 0.38 0.00	18.71 0.44 0.00	18.54 0.44 0.00	18.96 0.47 0.00	18.06 0.46 0.00	18.65 0.47 0.00	20.33 0.53 0.00	19.62 0.57 0.00	17.27 0.47 0.00	20.72 0.61 0.00	21.26 0.66 0.00	23.73 0.71 0.00	21.98 0.57 0.00	18.15 0.41 0.00	16.79 0.36 0.00	15.43 0.30 0.00

PJH 61846	14.87 <span>-0.59</span> <span>0.00</span>	17.39 <span>-0.87</span> <span>0.00</span>	14.64 <span>-0.70</span> <span>0.00</span>	12.95 <span>-0.54</span> <span>0.00</span>	12.75 <span>-0.49</span> <span>0.00</span>	13.64 <span>-0.53</span> <span>0.00</span>	16.47 <span>-0.67</span> <span>0.00</span>	16.49 <span>-1.00</span> <span>0.00</span>	17.52 <span>-1.17</span> <span>0.00</span>	17.08 <span>-1.19</span> <span>0.00</span>	16.94 <span>-1.16</span> <span>0.00</span>	17.28 <span>-1.21</span> <span>0.00</span>	16.46 <span>-1.14</span> <span>0.00</span>	17.12 <span>-1.07</span> <span>0.00</span>	18.53 <span>-1.28</span> <span>0.00</span>	17.66 <span>-1.39</span> <span>0.00</span>	15.72 <span>-1.08</span> <span>0.00</span>	18.70 <span>-1.41</span> <span>0.00</span>	19.09 <span>-1.51</span> <span>0.00</span>	21.31 <span>-1.71</span> <span>0.00</span>	19.93 <span>-1.48</span> <span>0.00</span>	16.65 <span>-1.08</span> <span>0.00</span>	15.55 <span>-0.88</span> <span>0.00</span>	14.48 <span>-0.65</span> <span>0.00</span>
PJM 61847	14.83 <span>-0.63</span> <span>0.00</span>	17.41 <span>-0.86</span> <span>0.00</span>	14.63 <span>-0.71</span> <span>0.00</span>	12.89 <span>-0.60</span> <span>0.00</span>	12.65 <span>-0.58</span> <span>0.00</span>	13.54 <span>-0.63</span> <span>0.00</span>	16.48 <span>-0.66</span> <span>0.00</span>	16.72 <span>-0.77</span> <span>0.00</span>	17.86 <span>-0.83</span> <span>0.00</span>	17.36 <span>-0.91</span> <span>0.00</span>	17.24 <span>-0.86</span> <span>0.00</span>	17.58 <span>-0.91</span> <span>0.00</span>	16.71 <span>-0.89</span> <span>0.00</span>	17.28 <span>-0.91</span> <span>0.00</span>	18.78 <span>-1.03</span> <span>0.00</span>	18.00 <span>-1.05</span> <span>0.00</span>	15.92 <span>-0.87</span> <span>0.00</span>	19.02 <span>-1.09</span> <span>0.00</span>	19.42 <span>-1.18</span> <span>0.00</span>	21.72 <span>-1.30</span> <span>0.00</span>	20.29 <span>-1.12</span> <span>0.00</span>	16.88 <span>-0.86</span> <span>0.00</span>	15.67 <span>-0.75</span> <span>0.00</span>	14.48 <span>-0.65</span> <span>0.00</span>
WEST 61752	14.91 <span>-0.55</span> <span>0.00</span>	17.43 <span>-0.83</span> <span>0.00</span>	14.68 <span>-0.67</span> <span>0.00</span>	12.98 <span>-0.51</span> <span>0.00</span>	12.78 <span>-0.46</span> <span>0.00</span>	13.68 <span>-0.49</span> <span>0.00</span>	16.52 <span>-0.63</span> <span>0.00</span>	16.51 <span>-0.97</span> <span>0.00</span>	17.58 <span>-1.11</span> <span>0.00</span>	17.11 <span>-1.16</span> <span>0.00</span>	16.97 <span>-1.13</span> <span>0.00</span>	17.31 <span>-1.18</span> <span>0.00</span>	16.49 <span>-1.11</span> <span>0.00</span>	17.15 <span>-1.04</span> <span>0.00</span>	18.56 <span>-1.24</span> <span>0.00</span>	17.70 <span>-1.35</span> <span>0.00</span>	15.75 <span>-1.04</span> <span>0.00</span>	18.73 <span>-1.38</span> <span>0.00</span>	19.12 <span>-1.48</span> <span>0.00</span>	21.33 <span>-1.69</span> <span>0.00</span>	19.95 <span>-1.46</span> <span>0.00</span>	16.69 <span>-1.05</span> <span>0.00</span>	15.58 <span>-0.85</span> <span>0.00</span>	14.51 <span>-0.62</span> <span>0.00</span>