

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/30/2002

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	22.82 1.98 0.00	24.10 2.09 0.00	18.90 1.63 0.00	21.90 1.92 0.00	27.73 2.47 0.00	24.79 2.14 0.00	26.26 2.13 0.00	31.96 2.56 0.00	53.42 4.51 0.00	37.11 3.06 0.00	37.33 2.98 0.00	46.98 3.87 0.00	28.02 2.36 0.00	25.51 2.11 0.00	22.83 1.90 0.00	24.86 2.13 0.00	31.18 2.38 0.00	31.33 1.89 0.00	28.43 1.80 0.00	22.73 1.51 0.00	61.76 4.51 0.00	23.86 1.56 0.00	37.64 2.55 0.00	35.83 3.10 0.00
CENTRL 61754	20.17 -0.67 0.00	21.26 -0.76 0.00	16.72 -0.55 0.00	19.31 -0.67 0.00	24.39 -0.87 0.00	21.88 -0.77 0.00	23.35 -0.78 0.00	28.43 -0.97 0.00	47.29 -1.62 0.00	32.93 -1.12 0.00	33.29 -1.06 0.00	41.76 -1.35 0.00	24.86 -0.80 0.00	22.68 -0.72 0.00	20.31 -0.62 0.00	22.04 -0.70 0.00	28.04 -0.76 0.00	28.79 -0.65 0.00	25.99 -0.64 0.00	20.68 -0.55 0.00	55.68 -1.57 0.00	21.66 -0.64 0.00	32.60 -0.97 0.00	31.65 -1.08 0.00
DUNWOD 61760	21.88 1.04 0.00	23.04 1.02 0.00	18.00 0.73 0.00	20.82 0.84 0.00	26.36 1.10 0.00	23.85 1.21 0.00	25.63 1.49 0.00	31.47 2.06 0.00	52.50 3.58 0.00	36.65 2.60 0.00	37.09 2.74 0.00	46.73 3.62 0.00	27.76 2.09 0.00	25.30 1.90 0.00	22.54 1.61 0.00	24.44 1.70 0.00	31.20 2.40 0.00	32.12 2.68 0.00	29.09 2.46 0.00	23.14 1.92 0.00	62.03 4.78 0.00	24.24 1.94 0.00	37.26 2.54 0.00	34.70 1.97 0.00
GENESE 61753	20.50 -0.34 0.00	21.60 -0.41 0.00	17.01 -0.26 0.00	19.66 -0.32 0.00	24.85 -0.41 0.00	22.23 -0.42 0.00	23.64 -0.49 0.00	28.62 -0.78 0.00	47.60 -1.32 0.00	33.25 -0.80 0.00	33.69 -0.66 0.00	42.18 -0.92 0.00	25.22 -0.45 0.00	23.03 -0.37 0.00	20.61 -0.32 0.00	22.41 -0.32 0.00	28.40 -0.40 0.00	28.96 -0.48 0.00	26.16 -0.47 0.00	20.83 -0.39 0.00	56.26 -0.98 0.00	21.79 -0.51 0.00	32.81 -0.75 0.00	32.12 -0.61 0.00
H Q 61844	20.83 -0.01 0.00	22.01 -0.01 0.00	17.27 0.00 0.00	19.98 0.00 0.00	25.28 0.02 0.00	22.70 0.05 0.00	24.27 0.14 0.00	29.47 0.07 0.00	48.96 0.04 0.00	44.02 -0.09 1.20	34.32 -0.03 0.00	42.91 -0.20 0.00	25.54 -0.13 0.00	23.29 -0.12 0.00	20.79 -0.14 0.00	22.58 -0.16 0.00	28.54 -0.26 0.00	29.16 -0.28 0.00	26.40 -0.24 0.00	21.03 -0.19 0.00	56.81 -0.43 0.00	22.15 -0.15 0.00	33.14 -0.25 0.00	32.67 -0.06 0.00
HUD VL 61758	21.42 0.58 0.00	22.59 0.57 0.00	17.66 0.39 0.00	20.43 0.45 0.00	25.85 0.58 0.00	23.33 0.68 0.00	25.02 0.89 0.00	30.71 1.31 0.00	51.17 2.25 0.00	35.62 1.57 0.00	35.99 1.64 0.00	45.27 2.17 0.00	26.91 1.24 0.00	24.53 1.12 0.00	21.89 0.96 0.00	23.74 1.01 0.00	30.29 1.49 0.00	31.23 1.79 0.00	28.28 1.65 0.00	22.49 1.27 0.00	60.29 3.05 0.00	23.55 1.25 0.00	36.30 1.59 0.00	33.84 1.11 0.00
LONGIL 61762	22.27 1.43 0.00	23.47 1.46 0.00	18.92 1.12 -0.53	24.34 1.34 -3.02	27.04 1.74 -0.04	41.38 1.78 -16.95	46.24 2.03 -20.08	49.12 2.54 -17.18	53.22 4.05 -0.25	37.14 3.04 -0.05	47.37 3.22 -9.79	55.90 4.25 -8.55	47.26 2.44 -19.15	47.21 2.29 -21.52	32.87 1.92 -10.02	46.79 2.04 -22.01	58.15 2.80 -26.55	75.26 3.02 -42.80	98.06 2.72 -68.71	89.36 2.09 -66.05	94.15 5.30 -31.60	70.08 2.19 -45.59	69.11 3.09 -32.62	35.23 2.50 0.00
MHK VL 61756	21.38 0.55 0.00	22.56 0.54 0.00	17.72 0.45 0.00	20.50 0.52 0.00	25.94 0.67 0.00	23.31 0.66 0.00	24.90 0.76 0.00	30.18 0.78 0.00	50.19 1.27 0.00	34.89 0.84 0.00	35.19 0.84 0.00	44.17 1.06 0.00	26.29 0.63 0.00	23.95 0.55 0.00	21.41 0.48 0.00	23.26 0.53 0.00	29.43 0.63 0.00	30.05 0.60 0.00	27.24 0.61 0.00	21.71 0.49 0.00	58.67 1.42 0.00	22.85 0.55 0.00	34.24 0.80 0.00	33.59 0.86 0.00
MILLWD 61759	21.55 0.71 0.00	22.71 0.69 0.00	17.75 0.47 0.00	20.53 0.55 0.00	25.99 0.72 0.00	23.50 0.85 0.00	25.26 1.13 0.00	31.00 1.59 0.00	51.71 2.79 0.00	36.06 2.02 0.00	36.48 2.13 0.00	45.93 2.83 0.00	27.28 1.62 0.00	24.87 1.46 0.00	22.17 1.24 0.00	24.03 1.29 0.00	30.67 1.87 0.00	31.60 2.16 0.00	28.61 1.98 0.00	22.76 1.53 0.00	61.02 3.77 0.00	23.85 1.55 0.00	36.68 1.98 0.00	34.18 1.45 0.00
N.Y.C. 61761	24.92 1.41 -2.67	23.40 1.39 0.00	18.27 1.00 0.00	21.12 1.15 0.00	26.75 1.49 0.00	24.25 1.60 0.00	28.51 1.96 -2.42	32.83 2.65 -0.78	57.74 4.58 -4.24	49.91 3.34 -12.52	45.67 3.56 -7.76	53.27 4.68 -5.48	56.36 2.69 -28.00	90.17 2.44 -64.32	113.04 2.06 -90.05	69.50 2.17 -44.59	78.82 2.99 -47.03	108.13 3.24 -75.44	81.95 2.99 -52.33	83.92 2.36 -60.34	93.04 5.97 -29.82	84.31 2.41 -59.60	51.58 3.19 -15.00	35.31 2.58 0.00
NORTH 61755	21.02 0.18 0.00	22.20 0.18 0.00	17.42 0.15 0.00	20.16 0.18 0.00	25.52 0.25 0.00	22.93 0.28 0.00	24.51 0.38 0.00	29.71 0.31 0.00	49.33 0.41 0.00	34.36 0.31 0.00	34.58 0.23 0.00	43.26 0.15 0.00	25.75 0.08 0.00	23.48 0.07 0.00	20.94 0.01 0.00	22.74 0.01 0.00	28.75 -0.05 0.00	29.33 -0.11 0.00	26.57 -0.06 0.00	21.17 -0.05 0.00	57.25 0.00 0.00	22.30 0.00 0.00	33.36 -0.03 0.00	32.93 0.20 0.00
NPX 61845	21.90 1.06 0.00	23.15 1.13 0.00	18.13 0.86 0.00	21.00 1.02 0.00	26.58 1.32 0.00	23.81 1.16 0.00	25.31 1.18 0.00	30.84 1.44 0.00	51.48 2.56 0.00	45.31 0.00 0.00	36.10 1.74 0.00	45.40 2.29 0.00	27.06 1.40 0.00	24.65 1.25 0.00	22.03 1.10 0.00	23.99 1.26 0.00	30.27 1.47 0.00	30.62 1.18 0.00	27.78 1.15 0.00	22.19 0.97 0.00	60.08 2.84 0.00	23.29 0.99 0.00	36.59 1.63 0.00	34.53 1.80 0.00

PJM 61846	16.92 <span>-3.92</span> <span>0.00</span>	17.92 <span>-4.10</span> <span>0.00</span>	14.12 <span>-3.15</span> <span>0.00</span>	16.31 <span>-3.67</span> <span>0.00</span>	20.55 <span>-4.72</span> <span>0.00</span>	18.39 <span>-4.26</span> <span>0.00</span>	19.54 <span>-4.59</span> <span>0.00</span>	23.78 <span>-5.62</span> <span>0.00</span>	39.27 <span>-9.65</span> <span>0.00</span>	36.77 <span>-7.34</span> <span>1.20</span>	27.95 <span>-6.41</span> <span>0.00</span>	34.89 <span>-8.22</span> <span>0.00</span>	20.83 <span>-4.83</span> <span>0.00</span>	19.06 <span>-4.35</span> <span>0.00</span>	17.01 <span>-3.92</span> <span>0.00</span>	18.38 <span>-4.35</span> <span>0.00</span>	23.44 <span>-5.36</span> <span>0.00</span>	24.42 <span>-5.02</span> <span>0.00</span>	21.96 <span>-4.67</span> <span>0.00</span>	17.43 <span>-3.79</span> <span>0.00</span>	46.53 <span>-10.71</span> <span>0.00</span>	18.28 <span>-4.02</span> <span>0.00</span>	27.49 <span>-6.12</span> <span>-0.21</span>	26.32 <span>-6.41</span> <span>0.00</span>
PJM 61847	19.00 <span>-3.14</span> <span>1.48</span>	10.00 <span>-3.64</span> <span>15.01</span>	17.00 <span>-3.68</span> <span>5.26</span>	17.00 <span>-2.98</span> <span>5.08</span>	15.99 <span>-3.43</span> <span>9.13</span>	21.00 <span>-1.65</span> <span>0.00</span>	22.50 <span>-1.63</span> <span>0.00</span>	27.43 <span>-1.97</span> <span>0.00</span>	45.46 <span>-3.46</span> <span>0.00</span>	39.58 <span>-4.53</span> <span>1.20</span>	31.92 <span>-2.43</span> <span>0.00</span>	32.26 <span>-5.92</span> <span>8.05</span>	28.05 <span>-6.20</span> <span>5.75</span>	23.99 <span>-7.24</span> <span>13.43</span>	22.00 <span>-6.57</span> <span>11.26</span>	21.73 <span>-4.87</span> <span>18.45</span>	26.75 <span>-2.05</span> <span>0.00</span>	27.80 <span>-1.64</span> <span>0.00</span>	25.13 <span>-1.50</span> <span>0.00</span>	19.94 <span>-1.29</span> <span>0.00</span>	53.38 <span>-3.86</span> <span>0.00</span>	20.95 <span>-1.35</span> <span>0.00</span>	31.47 <span>-2.21</span> <span>-0.28</span>	30.22 <span>-2.51</span> <span>0.00</span>
WEST 61752	18.86 <span>-1.98</span> <span>0.00</span>	19.97 <span>-2.05</span> <span>0.00</span>	15.77 <span>-1.51</span> <span>0.00</span>	18.20 <span>-1.78</span> <span>0.00</span>	22.92 <span>-2.34</span> <span>0.00</span>	20.48 <span>-2.17</span> <span>0.00</span>	21.72 <span>-2.41</span> <span>0.00</span>	26.42 <span>-2.98</span> <span>0.00</span>	43.53 <span>-5.39</span> <span>0.00</span>	30.55 <span>-3.49</span> <span>0.00</span>	31.06 <span>-3.29</span> <span>0.00</span>	38.77 <span>-4.34</span> <span>0.00</span>	23.19 <span>-2.48</span> <span>0.00</span>	21.24 <span>-2.16</span> <span>0.00</span>	18.96 <span>-1.97</span> <span>0.00</span>	20.48 <span>-2.26</span> <span>0.00</span>	26.12 <span>-2.68</span> <span>0.00</span>	27.30 <span>-2.14</span> <span>0.00</span>	24.52 <span>-2.12</span> <span>0.00</span>	19.45 <span>-1.78</span> <span>0.00</span>	51.84 <span>-5.41</span> <span>0.00</span>	20.36 <span>-1.94</span> <span>0.00</span>	30.56 <span>-3.05</span> <span>-0.21</span>	29.20 <span>-3.53</span> <span>0.00</span>