

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

02/05/2002

Name PTID CAPITL 61757	00:00 EST 30.51 1.17 0.00	01:00 EST 22.95 0.82 0.00	02:00 EST 23.23 0.87 0.00	03:00 EST 22.62 0.84 0.00	04:00 EST 17.62 0.54 0.00	05:00 EST 26.37 0.86 0.00	06:00 EST 45.81 1.55 0.00	07:00 EST 30.03 0.75 0.00	08:00 EST 30.00 0.76 0.00	09:00 EST 39.63 1.08 0.00	10:00 EST 37.40 1.05 0.00	11:00 EST 35.92 0.95 0.00	12:00 EST 32.83 0.84 0.00	13:00 EST 31.92 0.85 0.00	14:00 EST 29.69 0.80 0.00	15:00 EST 29.13 0.79 0.00	16:00 EST 26.35 0.69 0.00	17:00 EST 35.38 0.77 0.00	18:00 EST 35.77 0.63 0.00	19:00 EST 33.57 0.66 0.00	20:00 EST 32.68 0.78 0.00	21:00 EST 30.94 0.86 0.00	22:00 EST 24.56 0.69 0.00	23:00 EST 19.73 0.85 0.00
CENTRL 61754	28.75 -0.59 0.00	21.54 -0.59 0.00	21.75 -0.60 0.00	21.18 -0.60 0.00	16.71 -0.37 0.00	24.92 -0.59 0.00	43.25 -1.01 0.00	28.73 -0.56 0.00	28.68 -0.55 0.00	37.93 -0.63 0.00	35.82 -0.53 0.00	34.41 -0.56 0.00	31.44 -0.55 0.00	30.52 -0.56 0.00	28.37 -0.53 0.00	27.75 -0.58 0.00	25.17 -0.50 0.00	34.08 -0.53 0.00	34.72 -0.42 0.00	32.47 -0.44 0.00	31.36 -0.54 0.00	29.48 -0.61 0.00	23.32 -0.55 0.00	18.48 -0.40 0.00
DUNWOD 61760	31.02 1.68 0.00	23.39 1.26 0.00	23.57 1.21 0.00	22.99 1.21 0.00	18.10 1.02 0.00	27.18 1.67 0.00	47.48 3.22 0.00	31.42 2.14 0.00	31.66 2.42 0.00	41.68 3.12 0.00	39.02 2.67 0.00	37.82 2.85 0.00	34.73 2.73 0.00	33.76 2.68 0.00	31.34 2.45 0.00	30.78 2.45 0.00	28.08 2.41 0.00	38.16 3.55 0.00	38.44 3.29 0.00	35.84 2.93 0.00	34.70 2.80 0.00	32.64 2.56 0.00	25.76 1.89 0.00	19.99 1.11 0.00
GENESE 61753	28.58 -0.77 0.00	21.48 -0.66 0.00	21.71 -0.64 0.00	21.10 -0.68 0.00	16.53 -0.55 0.00	24.72 -0.79 0.00	42.67 -1.58 0.00	28.33 -0.96 0.00	28.09 -1.15 0.00	37.69 -0.86 0.00	36.33 -0.02 0.00	34.76 -0.21 0.00	31.75 -0.25 0.00	30.86 -0.22 0.00	28.75 -0.14 0.00	28.11 -0.22 0.00	25.27 -0.40 0.00	34.08 -0.53 0.00	34.89 -0.26 0.00	32.68 -0.23 0.00	31.62 -0.28 0.00	29.79 -0.29 0.00	23.56 -0.31 0.00	18.83 -0.05 0.00
H Q 61844	28.93 -0.41 0.00	21.85 -0.28 0.00	19.01 -0.10 6.08	19.00 -0.14 4.34	20.42 -0.30 0.53	19.00 -0.25 8.39	22.99 -0.92 37.12	22.99 -0.68 8.55	28.75 -0.49 0.00	37.90 -0.65 0.00	35.77 -0.58 0.00	34.34 -0.63 0.00	31.38 -0.62 0.00	30.52 -0.55 0.00	18.99 -0.59 9.75	28.58 -0.60 0.83	31.81 -0.85 6.05	33.80 -0.81 0.00	19.00 -1.42 34.01	19.00 -1.16 26.39	31.32 -0.58 0.00	29.57 -0.51 0.00	23.52 -0.34 0.00	16.73 -0.16 5.68
HUD VL 61758	30.59 1.25 0.00	23.08 0.94 0.00	23.27 0.92 0.00	22.70 0.92 0.00	17.86 0.78 0.00	26.77 1.26 0.00	46.75 2.49 0.00	30.94 1.65 0.00	31.10 1.86 0.00	40.93 2.37 0.00	38.37 2.02 0.00	37.08 2.11 0.00	34.00 2.01 0.00	33.01 1.94 0.00	30.68 1.79 0.00	30.14 1.80 0.00	27.43 1.76 0.00	37.17 2.56 0.00	37.55 2.40 0.00	35.08 2.17 0.00	34.00 2.10 0.00	31.97 1.88 0.00	25.29 1.43 0.00	19.73 0.85 0.00
LONGIL 61762	31.02 1.68 0.00	23.43 1.29 0.00	27.03 1.28 -3.39	23.70 1.27 -0.65	28.26 1.07 -10.11	27.20 1.69 0.00	47.22 2.96 0.00	31.17 1.89 0.00	31.42 2.18 0.00	41.30 2.74 0.00	38.59 2.24 0.00	37.62 2.65 0.00	34.57 2.58 0.00	33.60 2.53 0.00	31.13 2.23 0.00	30.60 2.26 0.00	27.96 2.30 0.00	49.55 3.41 -11.53	66.60 3.07 -28.38	40.02 2.69 -4.42	39.70 2.57 -5.24	32.42 2.34 0.00	25.60 1.73 0.00	19.86 0.98 0.00
MHK VL 61756	29.62 0.28 0.00	22.30 0.17 0.00	22.56 0.21 0.00	21.97 0.19 0.00	17.20 0.12 0.00	25.77 0.26 0.00	44.68 0.42 0.00	29.48 0.20 0.00	29.42 0.18 0.00	38.71 0.15 0.00	36.44 0.09 0.00	34.98 0.01 0.00	31.98 -0.01 0.00	31.12 0.05 0.00	28.95 0.05 0.00	28.35 0.01 0.00	25.70 0.03 0.00	34.70 0.10 0.00	35.16 0.02 0.00	32.93 0.02 0.00	32.00 0.10 0.00	30.34 0.25 0.00	24.09 0.23 0.00	19.12 0.24 0.00
MILLWD 61759	30.62 1.28 0.00	23.10 0.96 0.00	23.27 0.92 0.00	22.70 0.93 0.00	17.87 0.79 0.00	26.83 1.32 0.00	46.86 2.60 0.00	31.02 1.73 0.00	31.24 2.00 0.00	41.12 2.56 0.00	38.50 2.15 0.00	37.29 2.32 0.00	34.23 2.23 0.00	33.27 2.19 0.00	30.89 2.00 0.00	30.33 2.00 0.00	27.66 1.99 0.00	37.57 2.97 0.00	37.88 2.73 0.00	35.33 2.42 0.00	34.21 2.31 0.00	32.17 2.09 0.00	25.40 1.53 0.00	19.74 0.86 0.00
N.Y.C. 61761	31.57 2.23 0.00	23.78 1.64 0.00	23.94 1.58 0.00	23.34 1.56 0.00	18.39 1.31 0.00	27.67 2.16 0.00	48.40 4.14 0.00	32.01 2.73 0.00	32.26 3.02 0.00	42.44 3.88 0.00	39.66 3.31 0.00	38.51 3.54 0.00	35.38 3.39 0.00	34.42 3.35 0.00	31.95 3.05 0.00	31.38 3.05 0.00	28.68 3.01 0.00	39.06 4.45 0.00	39.19 4.04 0.00	36.47 3.56 0.00	35.31 3.41 0.00	33.35 3.26 0.00	26.29 2.42 0.00	20.33 1.45 0.00
NORTH 61755	28.78 -0.56 0.00	21.74 -0.39 0.00	21.99 -0.36 0.00	21.41 -0.37 0.00	16.74 -0.34 0.00	25.09 -0.42 0.00	43.52 -0.73 0.00	28.86 -0.42 0.00	28.63 -0.61 0.00	37.74 -0.82 0.00	35.61 -0.75 0.00	34.15 -0.82 0.00	31.20 -0.80 0.00	30.38 -0.69 0.00	28.27 -0.63 0.00	27.72 -0.61 0.00	25.02 -0.65 0.00	33.62 -0.99 0.00	34.20 -0.95 0.00	32.05 -0.86 0.00	31.17 -0.73 0.00	29.44 -0.64 0.00	23.41 -0.46 0.00	18.60 -0.28 0.00
NPX 61845	29.96 0.61 0.00	22.56 0.43 0.00	20.09 0.98 6.08	20.15 1.01 4.34	21.76 1.04 0.53	20.49 1.24 8.39	44.64 3.36 19.75	55.00 2.00 -20.78	29.75 0.51 0.00	39.30 0.74 0.00	36.98 0.63 0.00	35.62 0.65 0.00	32.60 0.61 0.00	31.68 0.60 0.00	29.44 0.55 0.00	31.16 1.98 0.83	35.06 2.40 6.05	35.20 0.59 0.00	35.57 0.42 0.00	33.39 0.48 0.00	32.48 0.58 0.00	30.68 0.60 0.00	24.33 0.46 0.00	18.00 1.11 5.68

PJM 61846	28.20 <span>-1.14</span> <span>0.00</span>	21.52 <span>-0.62</span> <span>0.00</span>	17.10 <span>-2.01</span> <span>6.08</span>	17.36 <span>-1.78</span> <span>4.34</span>	19.47 <span>-1.25</span> <span>0.53</span>	17.29 <span>-1.96</span> <span>8.39</span>	37.01 <span>-4.27</span> <span>19.75</span>	50.81 <span>-2.19</span> <span>-20.78</span>	27.84 <span>-1.40</span> <span>0.00</span>	36.57 <span>-1.99</span> <span>0.00</span>	34.78 <span>-1.57</span> <span>0.00</span>	33.28 <span>-1.69</span> <span>0.00</span>	30.46 <span>-1.54</span> <span>0.00</span>	29.51 <span>-1.56</span> <span>0.00</span>	27.49 <span>-1.40</span> <span>0.00</span>	25.88 <span>-3.30</span> <span>0.83</span>	29.02 <span>-3.64</span> <span>6.05</span>	32.78 <span>-1.82</span> <span>0.00</span>	33.65 <span>-1.50</span> <span>0.00</span>	31.54 <span>-1.37</span> <span>0.00</span>	30.44 <span>-1.46</span> <span>0.00</span>	28.55 <span>-1.53</span> <span>0.00</span>	22.71 <span>-1.15</span> <span>0.00</span>	14.34 <span>-2.55</span> <span>5.68</span>
PJM 61847	28.12 <span>-1.22</span> <span>0.00</span>	21.29 <span>-0.84</span> <span>0.00</span>	17.65 <span>-1.46</span> <span>6.08</span>	17.94 <span>-1.20</span> <span>4.34</span>	20.00 <span>-0.72</span> <span>0.53</span>	18.53 <span>-0.72</span> <span>8.39</span>	40.00 <span>-1.28</span> <span>19.75</span>	52.74 <span>-0.26</span> <span>-20.78</span>	28.38 <span>-0.86</span> <span>0.00</span>	37.11 <span>-1.45</span> <span>0.00</span>	34.96 <span>-1.39</span> <span>0.00</span>	33.58 <span>-1.39</span> <span>0.00</span>	30.73 <span>-1.26</span> <span>0.00</span>	29.83 <span>-1.24</span> <span>0.00</span>	27.71 <span>-1.19</span> <span>0.00</span>	28.16 <span>-1.02</span> <span>0.83</span>	31.92 <span>-0.74</span> <span>6.05</span>	33.34 <span>-1.26</span> <span>0.00</span>	34.04 <span>-1.11</span> <span>0.00</span>	31.86 <span>-1.05</span> <span>0.00</span>	30.81 <span>-1.09</span> <span>0.00</span>	28.93 <span>-1.16</span> <span>0.00</span>	22.98 <span>-0.89</span> <span>0.00</span>	15.92 <span>-0.97</span> <span>5.68</span>
WEST 61752	28.12 <span>-1.22</span> <span>0.00</span>	21.49 <span>-0.65</span> <span>0.00</span>	21.61 <span>-0.75</span> <span>0.00</span>	21.02 <span>-0.76</span> <span>0.00</span>	16.57 <span>-0.51</span> <span>0.00</span>	24.59 <span>-0.92</span> <span>0.00</span>	42.52 <span>-1.74</span> <span>0.00</span>	28.31 <span>-0.98</span> <span>0.00</span>	27.94 <span>-1.30</span> <span>0.00</span>	36.75 <span>-1.81</span> <span>0.00</span>	34.91 <span>-1.44</span> <span>0.00</span>	33.38 <span>-1.59</span> <span>0.00</span>	30.54 <span>-1.46</span> <span>0.00</span>	29.60 <span>-1.48</span> <span>0.00</span>	27.56 <span>-1.34</span> <span>0.00</span>	26.95 <span>-1.38</span> <span>0.00</span>	24.30 <span>-1.37</span> <span>0.00</span>	32.83 <span>-1.78</span> <span>0.00</span>	33.77 <span>-1.38</span> <span>0.00</span>	31.65 <span>-1.26</span> <span>0.00</span>	30.53 <span>-1.37</span> <span>0.00</span>	28.59 <span>-1.49</span> <span>0.00</span>	22.73 <span>-1.14</span> <span>0.00</span>	17.81 <span>-1.07</span> <span>0.00</span>