

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/05/2003

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL 61757	86.26 5.55 0.00	70.72 4.78 0.00	40.86 2.73 0.00	28.58 1.90 0.00	73.07 4.90 0.00	64.76 3.52 0.00	75.21 3.73 0.00	81.18 3.57 0.00	77.04 3.93 0.00	75.59 4.14 0.00	80.55 5.06 0.00	78.02 4.84 0.00	80.57 5.43 0.00	76.46 4.68 0.00	78.46 5.17 0.00	82.86 5.18 0.00	91.62 5.56 0.00	104.14 7.01 0.00	100.42 6.71 0.00	96.50 5.72 0.00	106.59 6.55 0.00	77.61 3.89 0.00	91.38 4.04 0.00	72.51 3.25 0.00
CENTRL 61754	79.90 -0.81 0.00	65.39 -0.55 0.00	37.90 -0.23 0.00	26.47 -0.22 0.00	67.25 -0.92 0.00	60.44 -0.79 0.00	70.84 -0.65 0.00	77.00 -0.61 0.00	72.55 -0.56 0.00	70.84 -0.61 0.00	74.80 -0.68 0.00	72.48 -0.70 0.00	74.32 -0.83 0.00	71.01 -0.77 0.00	72.62 -0.67 0.00	76.84 -0.84 0.00	85.17 -0.89 0.00	96.20 -0.92 0.00	93.10 -0.62 0.00	90.26 -0.51 0.00	99.24 -0.79 0.00	73.09 -0.63 0.00	86.63 -0.71 0.00	68.70 -0.56 0.00
DUNWOD 61760	83.57 2.86 0.00	68.06 2.12 0.00	39.37 1.24 0.00	27.56 0.88 0.00	70.65 2.48 0.00	64.39 3.16 0.00	76.02 4.53 0.00	83.24 5.63 0.00	78.22 5.12 0.00	76.66 5.21 0.00	80.50 5.02 0.00	78.00 4.82 0.00	80.10 4.95 0.00	76.47 4.68 0.00	77.49 4.20 0.00	82.49 4.80 0.00	91.73 5.66 0.00	103.20 6.08 0.00	99.60 5.88 0.00	96.20 5.43 0.00	105.46 5.43 0.00	78.01 4.29 0.00	91.86 4.53 0.00	72.44 3.19 0.00
GENESE 61753	81.26 0.55 0.00	66.43 0.49 0.00	38.43 0.30 0.00	26.80 0.11 0.00	68.05 -0.12 0.00	60.73 -0.51 0.00	70.65 -0.83 0.00	76.56 -1.05 0.00	72.70 -0.41 0.00	70.93 -0.53 0.00	75.29 -0.20 0.00	73.18 0.00 0.00	75.09 -0.06 0.00	71.68 -0.11 0.00	73.60 0.31 0.00	77.55 -0.13 0.00	85.51 -0.55 0.00	96.69 -0.43 0.00	93.79 0.08 0.00	91.18 0.40 0.00	100.46 0.42 0.00	73.50 -0.22 0.00	87.18 -0.16 0.00	69.05 -0.21 0.00
H Q 61844	24.69 0.24 54.92	65.68 -0.26 0.00	37.93 -0.20 0.00	26.55 -0.14 0.00	68.04 -0.14 0.00	70.10 -0.90 3.67	70.10 -1.32 6.40	77.45 -0.16 0.00	73.08 -0.03 0.00	71.24 -0.22 0.00	75.36 -0.12 0.00	73.15 -0.03 0.00	75.12 -0.03 0.00	71.74 -0.05 0.00	73.20 -0.09 0.00	77.48 -0.20 0.00	85.75 -0.32 0.00	96.88 -0.24 0.00	93.70 -0.01 0.00	90.97 0.20 0.00	100.28 0.24 0.00	73.59 -0.13 0.00	87.32 -0.01 0.00	69.11 -0.15 0.00
HUD VL 61758	82.09 1.39 0.00	66.99 1.06 0.00	38.76 0.62 0.00	27.13 0.44 0.00	69.47 1.30 0.00	63.10 1.86 0.00	74.30 2.81 0.00	81.06 3.46 0.00	76.13 3.02 0.00	74.57 3.12 0.00	78.46 2.97 0.00	76.03 2.85 0.00	78.01 2.86 0.00	74.52 2.73 0.00	75.56 2.27 0.00	80.37 2.69 0.00	89.26 3.19 0.00	100.43 3.30 0.00	96.75 3.04 0.00	93.48 2.71 0.00	102.67 2.64 0.00	75.99 2.27 0.00	89.52 2.18 0.00	70.79 1.54 0.00
LONGIL 61762	128.88 4.02 -44.15	89.99 3.09 -20.97	115.33 2.00 -75.20	116.17 1.43 -88.06	94.56 3.90 -22.48	123.85 4.49 -58.13	102.11 5.38 -25.25	121.56 5.93 -38.02	128.89 5.88 -49.90	130.41 6.18 -52.78	129.40 5.79 -48.12	131.02 5.48 -52.36	130.45 5.60 -49.71	129.70 5.18 -52.73	127.42 4.58 -49.55	127.19 5.25 -44.26	129.84 6.30 -37.47	130.02 6.18 -26.72	133.93 6.53 -33.68	133.17 5.87 -36.53	131.64 5.75 -25.86	129.72 5.01 -50.98	130.18 5.54 -37.30	126.89 3.43 -54.21
MHK VL 61756	82.51 1.80 0.00	67.53 1.59 0.00	39.08 0.94 0.00	27.35 0.67 0.00	69.76 1.58 0.00	62.41 1.17 0.00	72.93 1.45 0.00	78.99 1.39 0.00	74.33 1.22 0.00	72.57 1.11 0.00	76.80 1.32 0.00	74.33 1.15 0.00	76.34 1.19 0.00	72.84 1.05 0.00	74.54 1.25 0.00	78.93 1.25 0.00	87.45 1.38 0.00	99.19 2.07 0.00	95.80 2.09 0.00	92.69 1.91 0.00	102.18 2.15 0.00	74.97 1.25 0.00	88.74 1.40 0.00	70.52 1.26 0.00
MILLWD 61759	82.44 1.73 0.00	67.16 1.22 0.00	38.85 0.72 0.00	27.20 0.52 0.00	69.69 1.52 0.00	63.48 2.24 0.00	74.90 3.41 0.00	81.95 4.34 0.00	76.99 3.88 0.00	75.44 3.98 0.00	79.23 3.74 0.00	76.76 3.58 0.00	78.80 3.65 0.00	75.23 3.45 0.00	76.25 2.96 0.00	81.15 3.47 0.00	90.22 4.16 0.00	101.52 4.39 0.00	97.93 4.22 0.00	94.59 3.82 0.00	103.74 3.71 0.00	76.74 3.02 0.00	90.39 3.06 0.00	71.34 2.08 0.00
N.Y.C. 61761	90.17 4.15 -5.31	69.06 3.12 0.00	39.94 1.81 0.00	27.96 1.28 0.00	71.77 3.59 0.00	69.03 4.36 -3.43	95.16 6.16 -17.51	146.50 7.54 -61.35	133.04 6.81 -53.13	139.84 6.84 -61.55	95.27 6.54 -13.24	93.23 6.37 -13.68	94.68 6.62 -12.92	91.45 6.27 -13.39	93.10 5.77 -14.04	88.69 6.51 -4.50	94.69 7.63 -0.99	110.68 8.25 -5.31	111.60 8.15 -9.74	108.84 7.67 -10.39	118.34 7.80 -10.50	103.58 6.07 -23.79	104.99 6.64 -11.01	76.44 4.76 -2.42
NORTH 61755	80.99 0.28 0.00	66.04 0.10 0.00	38.15 0.02 0.00	26.70 0.02 0.00	68.39 0.22 0.00	61.37 0.14 0.00	71.42 -0.06 0.00	77.66 0.06 0.00	73.29 0.18 0.00	71.43 -0.02 0.00	75.65 0.16 0.00	73.39 0.21 0.00	75.37 0.23 0.00	71.93 0.14 0.00	73.45 0.16 0.00	77.69 0.01 0.00	86.00 -0.07 0.00	97.37 0.25 0.00	94.20 0.49 0.00	91.38 0.61 0.00	100.70 0.66 0.00	73.75 0.03 0.00	87.43 0.09 0.00	69.23 -0.02 0.00
NPX 61845	26.99 2.54 54.92	68.02 2.09 0.00	39.39 1.26 0.00	27.59 0.90 0.00	70.44 2.26 0.00	73.99 2.99 3.67	75.16 3.74 6.40	79.43 1.83 0.00	75.02 1.91 0.00	73.67 2.22 0.00	78.22 2.73 0.00	75.77 2.59 0.00	78.09 2.94 0.00	74.38 2.59 0.00	75.90 2.61 0.00	80.36 2.68 0.00	88.93 2.86 0.00	100.71 3.58 0.00	96.89 3.18 0.00	93.41 2.64 0.00	103.07 3.04 0.00	75.59 1.87 0.00	89.02 1.68 0.00	70.62 1.36 0.00

O H 61846	20.08 <span>-4.37</span> <span>54.92</span>	57.24 <span>-8.70</span> <span>0.00</span>	33.06 <span>-5.08</span> <span>0.00</span>	23.00 <span>-3.69</span> <span>0.00</span>	58.46 <span>-9.71</span> <span>0.00</span>	68.98 <span>-2.02</span> <span>3.67</span>	69.32 <span>-2.10</span> <span>6.40</span>	67.43 <span>-10.18</span> <span>0.00</span>	63.48 <span>-9.63</span> <span>0.00</span>	61.49 <span>-9.96</span> <span>0.00</span>	64.59 <span>-10.90</span> <span>0.00</span>	62.71 <span>-10.47</span> <span>0.00</span>	64.14 <span>-11.01</span> <span>0.00</span>	61.41 <span>-10.38</span> <span>0.00</span>	62.26 <span>-11.03</span> <span>0.00</span>	66.09 <span>-11.59</span> <span>0.00</span>	73.18 <span>-12.89</span> <span>0.00</span>	82.18 <span>-14.95</span> <span>0.00</span>	79.52 <span>-14.19</span> <span>0.00</span>	77.56 <span>-13.22</span> <span>0.00</span>	85.21 <span>-14.82</span> <span>0.00</span>	63.52 <span>-10.20</span> <span>0.00</span>	75.80 <span>-11.54</span> <span>0.00</span>	60.26 <span>-9.00</span> <span>0.00</span>
PJM 61847	20.01 <span>-4.44</span> <span>54.92</span>	32.99 <span>-6.01</span> <span>29.26</span>	30.01 <span>-4.46</span> <span>20.60</span>	33.00 <span>-6.93</span> <span>26.69</span>	50.00 <span>-4.92</span> <span>15.35</span>	71.37 <span>0.37</span> <span>3.67</span>	73.91 <span>2.49</span> <span>6.40</span>	75.66 <span>-1.95</span> <span>0.00</span>	70.77 <span>-2.33</span> <span>0.00</span>	68.69 <span>-2.76</span> <span>0.00</span>	72.16 <span>-3.32</span> <span>0.00</span>	69.76 <span>-3.42</span> <span>0.00</span>	71.39 <span>-3.76</span> <span>0.00</span>	68.30 <span>-3.48</span> <span>0.00</span>	69.33 <span>-3.97</span> <span>0.00</span>	73.90 <span>-3.78</span> <span>0.00</span>	82.27 <span>-3.79</span> <span>0.00</span>	92.88 <span>-4.25</span> <span>0.00</span>	89.60 <span>-4.11</span> <span>0.00</span>	86.77 <span>-4.00</span> <span>0.00</span>	95.41 <span>-4.63</span> <span>0.00</span>	70.87 <span>-2.85</span> <span>0.00</span>	83.94 <span>-3.39</span> <span>0.00</span>	66.73 <span>-2.53</span> <span>0.00</span>
WEST 61752	78.51 <span>-2.19</span> <span>0.00</span>	64.00 <span>-1.94</span> <span>0.00</span>	36.93 <span>-1.20</span> <span>0.00</span>	25.67 <span>-1.01</span> <span>0.00</span>	65.27 <span>-2.91</span> <span>0.00</span>	59.28 <span>-1.96</span> <span>0.00</span>	69.15 <span>-2.34</span> <span>0.00</span>	75.68 <span>-1.93</span> <span>0.00</span>	71.33 <span>-1.77</span> <span>0.00</span>	69.00 <span>-2.46</span> <span>0.00</span>	72.49 <span>-3.00</span> <span>0.00</span>	70.40 <span>-2.78</span> <span>0.00</span>	71.95 <span>-3.20</span> <span>0.00</span>	68.96 <span>-2.82</span> <span>0.00</span>	69.82 <span>-3.47</span> <span>0.00</span>	74.01 <span>-3.67</span> <span>0.00</span>	81.99 <span>-4.08</span> <span>0.00</span>	92.04 <span>-5.08</span> <span>0.00</span>	89.18 <span>-4.53</span> <span>0.00</span>	87.20 <span>-3.57</span> <span>0.00</span>	95.76 <span>-4.27</span> <span>0.00</span>	71.40 <span>-2.32</span> <span>0.00</span>	85.18 <span>-2.16</span> <span>0.00</span>	67.58 <span>-1.68</span> <span>0.00</span>