

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/24/2004

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	32.95 1.31 0.00	29.15 1.16 0.00	28.34 0.87 0.00	27.11 0.85 0.00	28.48 0.92 0.00	32.01 1.24 0.00	46.03 1.79 0.00	48.85 1.93 0.00	50.25 2.35 0.00	50.64 2.61 0.00	51.94 2.72 -0.72	53.43 2.93 -0.06	55.29 2.91 -1.10	63.83 3.41 0.00	64.94 3.43 0.00	58.27 3.09 0.00	57.93 2.98 0.00	52.31 2.60 0.00	50.84 2.64 0.00	54.34 2.84 0.00	51.59 2.51 0.00	50.60 2.15 0.00	47.22 1.69 0.00	41.51 1.51 0.00
CENTRL 61754	31.13 -0.51 0.00	27.39 -0.60 0.00	26.62 -0.85 0.00	25.44 -0.82 0.00	26.75 -0.81 0.00	30.40 -0.37 0.00	43.71 -0.53 0.00	45.93 -0.99 0.00	47.11 -0.79 0.00	47.24 -0.79 0.00	47.66 -0.87 -0.03	49.85 -0.59 0.00	50.53 -0.80 -0.05	59.93 -0.49 0.00	61.06 -0.45 0.00	54.69 -0.49 0.00	54.50 -0.45 0.00	49.43 -0.28 0.00	47.50 -0.70 0.00	51.22 -0.28 0.00	48.92 -0.16 0.00	48.21 -0.24 0.00	44.87 -0.66 0.00	39.42 -0.58 0.00
DUNWOD 61760	30.07 2.28 3.85	30.00 2.01 0.00	29.04 1.57 0.00	27.73 1.47 0.00	29.13 1.57 0.00	32.77 2.00 0.00	47.43 3.19 0.00	50.95 4.03 0.00	52.45 4.55 0.00	53.07 5.04 0.00	54.10 5.04 -0.56	55.89 5.40 -0.05	57.51 5.38 -0.85	66.89 6.47 0.00	68.09 6.58 0.00	61.19 6.01 0.00	60.83 5.88 0.00	54.73 5.02 0.00	53.21 5.01 0.00	56.65 5.15 0.00	53.99 4.91 0.00	53.00 4.55 0.00	49.08 3.73 0.18	40.94 2.68 1.74
GENESE 61753	31.19 -0.45 0.00	27.32 -0.67 0.00	26.49 -0.98 0.00	25.32 -0.94 0.00	26.65 -0.91 0.00	30.52 -0.25 0.00	43.30 -0.94 0.00	44.96 -1.96 0.00	45.90 -2.00 0.00	45.90 -2.13 0.00	45.96 -2.57 -0.03	48.29 -2.15 0.00	48.72 -2.61 -0.05	58.01 -2.41 0.00	59.22 -2.29 0.00	52.98 -2.20 0.00	52.95 -2.00 0.00	48.62 -1.09 0.00	46.30 -1.90 0.00	50.48 -1.02 0.00	48.10 -0.98 0.00	47.92 -0.53 0.00	44.31 -1.22 0.00	39.26 -0.74 0.00
H Q 61844	31.04 -0.60 0.00	27.51 -0.48 0.00	27.42 -0.05 0.00	26.18 -0.08 0.00	27.45 -0.11 0.00	30.19 -0.58 0.00	43.44 -0.80 0.00	46.17 -0.75 0.00	46.75 -1.15 0.00	46.76 -1.34 -0.07	46.75 -1.31 0.44	48.78 -1.66 0.00	49.79 -1.49 0.00	58.37 -2.05 0.00	59.36 -2.15 0.00	53.25 -1.93 0.00	53.08 -1.87 0.00	48.02 -1.69 0.00	46.75 -1.45 0.00	48.00 -1.85 1.65	46.75 -1.82 0.51	46.75 -1.70 0.00	44.39 -1.14 0.00	39.20 -0.80 0.00
HUD VL 61758	32.11 1.50 1.03	29.38 1.39 0.00	28.47 1.00 0.00	27.19 0.93 0.00	28.54 0.98 0.00	31.99 1.22 0.00	46.26 2.02 0.00	49.80 2.88 0.00	51.34 3.44 0.00	51.90 3.87 0.00	53.05 4.00 -0.55	54.78 4.29 -0.05	56.39 4.27 -0.84	65.54 5.12 0.00	66.72 5.21 0.00	59.99 4.81 0.00	59.49 4.54 0.00	53.49 3.78 0.00	52.00 3.80 0.00	55.41 3.91 0.00	52.67 3.59 0.00	51.67 3.22 0.00	48.05 2.57 0.05	41.17 1.64 0.47
LONGIL 61762	54.44 2.96 -19.84	48.09 2.71 -17.39	44.12 2.25 -14.40	42.22 2.13 -13.83	44.21 2.25 -14.40	51.34 2.75 -17.82	56.06 4.09 -7.73	57.73 4.81 -6.00	58.25 5.20 -5.15	62.87 5.54 -9.30	65.37 5.50 -11.37	67.17 5.91 -10.82	67.21 5.96 -9.97	70.87 7.25 -3.20	72.79 7.35 -3.93	70.79 6.79 -8.82	71.33 6.60 -9.78	67.17 5.55 -11.91	66.91 5.48 -13.23	68.07 5.68 -10.89	67.15 5.36 -12.71	60.34 5.03 -6.86	57.11 4.32 -7.26	55.79 3.38 -12.41
MHK VL 61756	31.72 0.08 0.00	28.04 0.05 0.00	27.48 0.01 0.00	26.23 -0.03 0.00	27.52 -0.04 0.00	30.89 0.12 0.00	44.49 0.25 0.00	46.85 -0.07 0.00	47.94 0.04 0.00	48.09 0.06 0.00	48.65 0.15 0.00	50.61 0.17 0.00	51.46 0.17 -0.01	60.67 0.25 0.00	61.76 0.25 0.00	55.35 0.17 0.00	55.15 0.20 0.00	49.89 0.18 0.00	48.34 0.14 0.00	51.73 0.23 0.00	49.28 0.20 0.00	48.40 -0.05 0.00	45.52 -0.01 0.00	40.07 0.07 0.00
MILLWD 61759	30.39 1.79 3.04	29.60 1.61 0.00	28.66 1.19 0.00	27.37 1.11 0.00	28.73 1.17 0.00	32.29 1.52 0.00	46.74 2.50 0.00	50.25 3.33 0.00	51.71 3.81 0.00	52.35 4.32 0.00	53.36 4.31 -0.55	55.07 4.58 -0.05	56.73 4.61 -0.84	65.97 5.55 0.00	67.14 5.63 0.00	60.36 5.18 0.00	59.94 4.99 0.00	53.91 4.20 0.00	52.44 4.24 0.00	55.82 4.32 0.00	53.15 4.07 0.00	52.22 3.77 0.00	48.43 3.05 0.15	40.67 2.06 1.39
N.Y.C. 61761	51.72 2.67 -17.41	30.37 2.38 0.00	38.21 1.94 -8.80	31.16 1.81 -3.09	32.01 1.91 -2.54	40.72 2.44 -7.51	52.76 3.84 -4.68	57.63 4.68 -6.03	62.96 5.11 -9.95	68.93 5.71 -15.19	69.60 5.58 -15.52	76.59 5.87 -20.28	76.25 5.88 -19.09	80.97 7.10 -13.45	81.58 7.23 -12.84	74.74 6.60 -12.96	77.76 6.42 -16.39	69.77 5.50 -14.56	69.06 5.60 -15.26	70.64 5.72 -13.42	63.71 5.52 -9.11	60.30 5.22 -6.63	56.28 4.41 -6.34	57.44 3.24 -14.20
NORTH 61755	30.64 -1.00 0.00	27.22 -0.77 0.00	27.16 -0.31 0.00	25.92 -0.34 0.00	27.14 -0.42 0.00	29.80 -0.97 0.00	42.95 -1.29 0.00	45.76 -1.16 0.00	46.40 -1.50 0.00	46.36 -1.67 0.00	46.87 -1.62 0.01	48.28 -2.16 0.00	49.45 -1.81 0.02	57.71 -2.71 0.00	58.74 -2.77 0.00	52.65 -2.53 0.00	52.57 -2.38 0.00	47.51 -2.20 0.00	46.38 -1.82 0.00	49.13 -2.37 0.00	46.74 -2.34 0.00	45.95 -2.50 0.00	43.79 -1.74 0.00	38.66 -1.34 0.00
NPX 61845	33.25 1.61 0.00	29.42 1.43 0.00	28.57 1.10 0.00	27.31 1.05 0.00	28.69 1.13 0.00	32.22 1.45 0.00	46.45 2.21 0.00	49.59 2.67 0.00	51.01 3.11 0.00	51.56 3.46 -0.07	52.22 3.49 -0.23	54.23 3.73 -0.06	56.04 3.74 -1.02	64.89 4.47 0.00	66.00 4.49 0.00	59.32 4.14 0.00	58.91 3.96 0.00	53.09 3.38 0.00	51.62 3.42 0.00	55.11 3.61 0.00	52.37 3.29 0.00	51.41 2.96 0.00	47.94 2.41 0.00	41.84 1.84 0.00

H 61846	30.34 <span>-1.30</span> <span>0.00</span>	26.45 <span>-1.54</span> <span>0.00</span>	25.57 <span>-1.90</span> <span>0.00</span>	24.45 <span>-1.81</span> <span>0.00</span>	25.82 <span>-1.74</span> <span>0.00</span>	29.75 <span>-1.02</span> <span>0.00</span>	41.94 <span>-2.30</span> <span>0.00</span>	43.31 <span>-3.61</span> <span>0.00</span>	43.97 <span>-3.93</span> <span>0.00</span>	43.73 <span>-4.37</span> <span>-0.07</span>	43.15 <span>-4.95</span> <span>0.40</span>	46.00 <span>-4.44</span> <span>0.00</span>	46.01 <span>-5.33</span> <span>-0.06</span>	54.98 <span>-5.44</span> <span>0.00</span>	56.10 <span>-5.41</span> <span>0.00</span>	50.21 <span>-4.97</span> <span>0.00</span>	50.39 <span>-4.56</span> <span>0.00</span>	46.48 <span>-3.23</span> <span>0.00</span>	43.86 <span>-4.34</span> <span>0.00</span>	48.00 <span>-3.50</span> <span>0.00</span>	45.84 <span>-3.24</span> <span>0.00</span>	46.51 <span>-1.94</span> <span>0.00</span>	42.93 <span>-2.60</span> <span>0.00</span>	38.40 <span>-1.60</span> <span>0.00</span>
PJM 61847	30.28 <span>-1.36</span> <span>0.00</span>	26.09 <span>-1.90</span> <span>0.00</span>	24.67 <span>-2.80</span> <span>0.00</span>	23.58 <span>-2.68</span> <span>0.00</span>	25.19 <span>-2.37</span> <span>0.00</span>	30.00 <span>-0.77</span> <span>0.00</span>	43.22 <span>-1.02</span> <span>0.00</span>	45.37 <span>-1.55</span> <span>0.00</span>	46.94 <span>-0.96</span> <span>0.00</span>	46.85 <span>-1.25</span> <span>-0.07</span>	46.63 <span>-1.50</span> <span>0.37</span>	50.20 <span>-0.25</span> <span>-0.01</span>	50.65 <span>-0.72</span> <span>-0.09</span>	61.27 <span>0.85</span> <span>0.00</span>	62.68 <span>1.17</span> <span>0.00</span>	56.12 <span>0.94</span> <span>0.00</span>	56.10 <span>1.15</span> <span>0.00</span>	51.20 <span>1.49</span> <span>0.00</span>	47.72 <span>-0.48</span> <span>0.00</span>	52.12 <span>0.62</span> <span>0.00</span>	49.96 <span>0.88</span> <span>0.00</span>	48.93 <span>0.48</span> <span>0.00</span>	43.98 <span>-1.55</span> <span>0.00</span>	38.32 <span>-1.68</span> <span>0.00</span>
WEST 61752	30.60 <span>-1.04</span> <span>0.00</span>	26.59 <span>-1.40</span> <span>0.00</span>	25.56 <span>-1.91</span> <span>0.00</span>	24.45 <span>-1.81</span> <span>0.00</span>	25.89 <span>-1.67</span> <span>0.00</span>	30.06 <span>-0.71</span> <span>0.00</span>	42.51 <span>-1.73</span> <span>0.00</span>	44.09 <span>-2.83</span> <span>0.00</span>	44.91 <span>-2.99</span> <span>0.00</span>	44.62 <span>-3.41</span> <span>0.00</span>	44.60 <span>-3.94</span> <span>-0.04</span>	47.18 <span>-3.26</span> <span>0.00</span>	47.28 <span>-4.06</span> <span>-0.06</span>	56.65 <span>-3.77</span> <span>0.00</span>	57.83 <span>-3.68</span> <span>0.00</span>	51.69 <span>-3.49</span> <span>0.00</span>	51.89 <span>-3.06</span> <span>0.00</span>	47.76 <span>-1.95</span> <span>0.00</span>	44.91 <span>-3.29</span> <span>0.00</span>	49.22 <span>-2.28</span> <span>0.00</span>	47.06 <span>-2.02</span> <span>0.00</span>	47.48 <span>-0.97</span> <span>0.00</span>	43.54 <span>-1.99</span> <span>0.00</span>	38.75 <span>-1.25</span> <span>0.00</span>