

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/19/2004

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	35.00	32.25	27.99	28.04	32.20	38.50	47.24	61.24	66.88	67.91	64.79	64.45	68.06	65.08	64.51	64.02	64.12	60.29	58.03	63.88	64.31	55.04	52.39	42.43
61757	1.67 0.00	1.61 0.00	1.37 0.00	1.36 0.00	1.60 0.00	1.82 0.00	2.27 0.00	2.32 0.00	2.88 0.00	3.11 0.00	3.07 0.00	3.00 0.00	3.16 0.00	3.01 0.00	2.97 0.00	2.97 0.00	3.02 0.00	2.82 0.00	2.67 0.00	3.06 0.00	3.04 0.00	2.42 0.00	2.11 0.00	1.77 0.00
CENTRL 61754	32.52 -0.81 0.00	29.80 -0.84 0.00	25.95 -0.67 0.00	26.04 -0.64 0.00	29.79 -0.81 0.00	35.94 -0.74 0.00	43.89 -1.08 0.00	58.36 -0.56 0.00	63.34 -0.66 0.00	63.94 -0.86 0.00	60.85 -0.87 0.00	60.53 -0.92 0.00	64.03 -0.87 0.00	61.21 -0.86 0.00	60.68 -0.86 0.00	60.09 -0.96 0.00	60.01 -1.09 0.00	56.51 -0.96 0.00	54.45 -0.91 0.00	59.94 -0.88 0.00	60.50 -0.77 0.00	52.17 -0.45 0.00	49.23 -1.05 0.00	39.57 -1.09 0.00
DUNWOD 61760	35.20 1.87 0.00	32.36 1.72 0.00	28.06 1.44 0.00	28.09 1.41 0.00	32.28 1.68 0.00	38.66 1.98 0.00	47.89 2.92 0.00	62.40 3.48 0.00	67.71 3.71 0.00	69.01 4.21 0.00	65.98 4.26 0.00	65.81 4.36 0.00	69.44 4.54 0.00	66.48 4.41 0.00	66.03 4.49 0.00	65.63 4.58 0.00	65.62 4.52 0.00	61.78 4.31 0.00	59.40 4.04 0.00	65.26 4.44 0.00	65.56 4.29 0.00	56.15 3.53 0.00	53.55 3.27 0.00	40.68 2.64 2.62
GENESE 61753	31.24 -2.09 0.00	28.39 -2.25 0.00	24.78 -1.84 0.00	24.94 -1.74 0.00	28.40 -2.20 0.00	34.56 -2.12 0.00	40.63 -4.34 0.00	55.82 -3.10 0.00	61.18 -2.82 0.00	61.87 -2.93 0.00	59.08 -2.64 0.00	58.81 -2.64 0.00	62.49 -2.41 0.00	59.64 -2.43 0.00	59.11 -2.43 0.00	58.43 -2.62 0.00	58.25 -2.85 0.00	54.98 -2.49 0.00	52.73 -2.63 0.00	57.71 -3.11 0.00	58.40 -2.87 0.00	50.78 -1.84 0.00	47.52 -2.76 0.00	37.98 -2.68 0.00
H Q 61844	33.06 -0.27 0.00	30.39 -0.25 0.00	26.41 -0.21 0.00	26.47 -0.21 0.00	30.36 -0.24 0.00	32.09 -0.29 4.30	46.51 -0.31 -1.85	61.52 -0.77 -3.37	63.30 -0.70 0.00	64.09 -0.71 0.00	61.04 -0.68 0.00	60.77 -0.68 0.00	64.12 -0.78 0.00	61.33 -0.74 0.00	60.74 -0.80 0.00	60.26 -0.79 0.00	60.37 -0.73 0.00	56.78 -0.69 0.00	54.75 -0.61 0.00	60.09 -0.73 0.00	60.60 -0.67 0.00	51.88 -0.74 0.00	50.82 -0.50 -1.04	38.59 -0.28 1.79
HUD VL 61758	34.58 1.25 0.00	31.76 1.12 0.00	27.54 0.92 0.00	27.57 0.89 0.00	31.70 1.10 0.00	37.93 1.25 0.00	47.08 2.11 0.00	60.92 2.00 0.00	66.01 2.01 0.00	67.36 2.56 0.00	64.32 2.60 0.00	64.16 2.71 0.00	68.18 3.28 0.00	65.27 3.20 0.00	64.79 3.25 0.00	64.40 3.35 0.00	64.39 3.29 0.00	60.58 3.11 0.00	58.28 2.92 0.00	63.99 3.17 0.00	64.35 3.08 0.00	55.07 2.45 0.00	52.58 2.30 0.00	41.81 1.79 0.64
LONGIL 61762	46.54 2.59 -10.62	44.53 2.41 -11.48	42.90 2.05 -14.23	42.39 2.02 -13.69	46.05 2.28 -13.17	44.94 2.62 -5.64	48.47 3.50 0.00	63.67 4.48 -0.27	68.65 4.65 0.00	69.78 4.97 -0.01	72.22 4.57 -5.93	72.95 4.55 -6.95	72.96 4.74 -3.32	73.31 4.46 -6.78	73.30 4.48 -7.28	73.33 4.64 -7.64	74.75 4.59 -9.06	77.12 4.34 -15.31	73.33 4.02 -13.95	74.79 4.48 -9.49	77.29 4.33 -11.69	75.11 3.55 -18.94	57.29 3.44 -3.57	50.11 3.08 -6.37
MHK VL 61756	33.31 -0.02 0.00	30.55 -0.09 0.00	26.54 -0.08 0.00	26.60 -0.08 0.00	30.52 -0.08 0.00	36.74 0.06 0.00	45.16 0.19 0.00	59.36 0.44 0.00	65.03 1.03 0.00	65.08 0.28 0.00	61.97 0.25 0.00	61.67 0.22 0.00	65.00 0.10 0.00	62.16 0.09 0.00	62.05 0.51 0.00	61.52 0.47 0.00	61.52 0.42 0.00	57.92 0.45 0.00	55.88 0.52 0.00	61.42 0.60 0.00	61.92 0.65 0.00	53.12 0.50 0.00	50.51 0.23 0.00	40.70 0.04 0.00
MILLWD 61759	34.73 1.40 0.00	31.93 1.29 0.00	27.70 1.08 0.00	27.72 1.04 0.00	31.85 1.25 0.00	38.13 1.45 0.00	47.24 2.27 0.00	61.51 2.59 0.00	66.72 2.72 0.00	68.07 3.27 0.00	65.02 3.30 0.00	64.86 3.41 0.00	68.50 3.60 0.00	65.57 3.50 0.00	65.08 3.54 0.00	64.74 3.69 0.00	64.73 3.63 0.00	60.89 3.42 0.00	58.54 3.18 0.00	64.31 3.49 0.00	64.67 3.40 0.00	55.33 2.71 0.00	52.82 2.54 0.00	40.64 2.07 2.09
N.Y.C. 61761	35.67 2.34 0.00	32.77 2.13 0.00	28.42 1.80 0.00	28.44 1.76 0.00	32.67 2.07 0.00	39.15 2.47 0.00	48.56 3.59 0.00	63.17 4.25 0.00	68.93 4.51 -0.42	69.87 5.05 -0.02	69.92 4.99 -3.21	69.79 5.10 -3.24	70.86 5.33 -0.63	71.28 5.17 -4.04	70.79 5.24 -4.01	74.79 5.38 -8.36	72.19 5.31 -5.78	68.47 5.07 -5.93	68.38 4.76 -8.26	68.50 5.28 -2.40	68.68 5.09 -2.32	61.22 4.17 -4.43	59.55 3.94 -5.33	51.51 3.20 -7.65
NORTH 61755	32.65 -0.68 0.00	30.02 -0.62 0.00	26.07 -0.55 0.00	26.13 -0.55 0.00	29.98 -0.62 0.00	35.95 -0.73 0.00	44.08 -0.89 0.00	57.34 -1.58 0.00	62.63 -1.37 0.00	63.57 -1.23 0.00	60.55 -1.17 0.00	60.28 -1.17 0.00	63.40 -1.50 0.00	60.64 -1.43 0.00	59.89 -1.65 0.00	59.45 -1.60 0.00	59.76 -1.34 0.00	56.22 -1.25 0.00	54.18 -1.18 0.00	59.50 -1.32 0.00	59.97 -1.30 0.00	51.29 -1.33 0.00	49.10 -1.18 0.00	39.87 -0.79 0.00
NPX 61845	34.76 1.43 0.00	31.99 1.35 0.00	27.76 1.14 0.00	27.80 1.12 0.00	31.95 1.35 0.00	33.88 1.50 4.30	48.98 2.16 -1.85	64.71 2.42 -3.37	66.69 2.69 0.00	67.85 3.05 0.00	64.74 3.02 0.00	64.46 3.01 0.00	68.08 3.18 0.00	65.17 3.10 0.00	64.62 3.08 0.00	64.16 3.11 0.00	64.22 3.12 0.00	60.40 2.93 0.00	58.13 2.77 0.00	63.92 3.10 0.00	64.27 3.00 0.00	55.04 2.42 0.00	53.53 2.21 -1.04	40.82 1.83 1.67

H 61846	30.00 <span>-3.33</span> <span>0.00</span>	26.99 <span>-3.65</span> <span>0.00</span>	23.64 <span>-2.98</span> <span>0.00</span>	23.75 <span>-2.93</span> <span>0.00</span>	26.99 <span>-3.61</span> <span>0.00</span>	28.57 <span>-3.81</span> <span>4.30</span>	39.49 <span>-7.33</span> <span>-1.85</span>	56.40 <span>-5.89</span> <span>-3.37</span>	57.28 <span>-6.72</span> <span>0.00</span>	57.93 <span>-6.87</span> <span>0.00</span>	55.30 <span>-6.42</span> <span>0.00</span>	55.00 <span>-6.45</span> <span>0.00</span>	58.86 <span>-6.04</span> <span>0.00</span>	56.17 <span>-5.90</span> <span>0.00</span>	55.63 <span>-5.91</span> <span>0.00</span>	54.94 <span>-6.11</span> <span>0.00</span>	54.75 <span>-6.35</span> <span>0.00</span>	51.78 <span>-5.69</span> <span>0.00</span>	49.44 <span>-5.92</span> <span>0.00</span>	54.01 <span>-6.81</span> <span>0.00</span>	54.59 <span>-6.68</span> <span>0.00</span>	47.99 <span>-4.63</span> <span>0.00</span>	45.69 <span>-5.63</span> <span>-1.04</span>	33.99 <span>-4.88</span> <span>1.79</span>
PJM 61847	30.60 <span>-2.73</span> <span>0.00</span>	28.13 <span>-2.51</span> <span>0.00</span>	24.57 <span>-2.05</span> <span>0.00</span>	24.76 <span>-1.92</span> <span>0.00</span>	28.21 <span>-2.39</span> <span>0.00</span>	30.00 <span>-2.38</span> <span>4.30</span>	44.66 <span>-2.16</span> <span>-1.85</span>	61.70 <span>-0.59</span> <span>-3.37</span>	62.85 <span>-1.15</span> <span>0.00</span>	63.18 <span>-1.62</span> <span>0.00</span>	60.42 <span>-1.30</span> <span>0.00</span>	60.04 <span>-1.41</span> <span>0.00</span>	63.47 <span>-1.43</span> <span>0.00</span>	60.58 <span>-1.49</span> <span>0.00</span>	60.00 <span>-1.54</span> <span>0.00</span>	59.28 <span>-1.77</span> <span>0.00</span>	59.08 <span>-2.02</span> <span>0.00</span>	55.75 <span>-1.72</span> <span>0.00</span>	53.48 <span>-1.88</span> <span>0.00</span>	59.91 <span>-0.91</span> <span>0.00</span>	60.29 <span>-0.98</span> <span>0.00</span>	51.51 <span>-1.11</span> <span>0.00</span>	47.50 <span>-3.82</span> <span>-1.04</span>	35.13 <span>-3.74</span> <span>1.79</span>
WEST 61752	30.18 <span>-3.15</span> <span>0.00</span>	27.23 <span>-3.41</span> <span>0.00</span>	23.84 <span>-2.78</span> <span>0.00</span>	23.98 <span>-2.70</span> <span>0.00</span>	27.25 <span>-3.35</span> <span>0.00</span>	33.20 <span>-3.48</span> <span>0.00</span>	38.51 <span>-6.46</span> <span>0.00</span>	54.06 <span>-4.86</span> <span>0.00</span>	58.35 <span>-5.65</span> <span>0.00</span>	59.00 <span>-5.80</span> <span>0.00</span>	56.36 <span>-5.36</span> <span>0.00</span>	56.03 <span>-5.42</span> <span>0.00</span>	59.87 <span>-5.03</span> <span>0.00</span>	57.15 <span>-4.92</span> <span>0.00</span>	56.56 <span>-4.98</span> <span>0.00</span>	55.85 <span>-5.20</span> <span>0.00</span>	55.59 <span>-5.51</span> <span>0.00</span>	52.60 <span>-4.87</span> <span>0.00</span>	50.21 <span>-5.15</span> <span>0.00</span>	55.09 <span>-5.73</span> <span>0.00</span>	55.65 <span>-5.62</span> <span>0.00</span>	48.69 <span>-3.93</span> <span>0.00</span>	45.02 <span>-5.26</span> <span>0.00</span>	36.01 <span>-4.65</span> <span>0.00</span>