

# Day Ahead Market Zonal LBMP

Zonal Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										03/24/2004	
		00:00 EST CAPITL 61757 1.56 0.00	01:00 EST 40.20 1.45 0.00	02:00 EST 40.00 1.51 0.00	03:00 EST 40.08 1.66 0.00	04:00 EST 41.36 1.73 0.00	05:00 EST 45.69 1.79 0.00	06:00 EST 54.63 2.61 0.00	07:00 EST 58.89 2.67 0.00	08:00 EST 59.43 2.53 0.00	09:00 EST 59.79 2.68 0.00	10:00 EST 58.60 2.46 0.00	11:00 EST 54.82 2.34 0.00	12:00 EST 52.64 2.20 0.00	13:00 EST 51.06 2.19 0.00	14:00 EST 49.61 2.04 0.00	15:00 EST 49.58 2.02 0.00	16:00 EST 50.01 2.25 0.00	17:00 EST 53.96 2.48 0.00	18:00 EST 65.28 3.54 0.00	19:00 EST 64.00 3.25 0.00	20:00 EST 61.78 2.96 0.00	21:00 EST 50.75 2.38 0.00	22:00 EST 47.50 1.91 0.00	23:00 EST 42.91 1.73 0.00								
CENTRL 61754		40.09 -1.59 0.00	37.23 -1.52 0.00	36.99 -1.50 0.00	36.93 -1.49 0.00	38.08 -1.55 0.00	42.50 -1.40 0.00	51.19 -0.83 0.00	55.47 -0.75 0.00	55.97 -0.93 0.00	55.89 -1.22 0.00	55.04 -1.10 0.00	51.43 -1.05 0.00	49.28 -1.16 0.00	47.78 -1.09 0.00	46.25 -1.32 0.00	46.21 -1.35 0.00	46.41 -1.35 0.00	50.07 -1.41 0.00	60.95 -0.79 0.00	59.49 -1.26 0.00	57.44 -1.38 0.00	47.46 -0.91 0.00	43.79 -1.80 0.00	39.20 -1.98 0.00								
DUNWOD 61760		43.68 2.00 0.00	40.57 1.82 0.00	40.26 1.77 0.00	40.30 1.88 0.00	41.61 1.98 0.00	45.74 1.84 0.00	54.57 2.55 0.00	58.64 2.42 0.00	59.52 2.62 0.00	60.14 3.03 0.00	59.28 3.14 0.00	55.47 2.99 0.00	53.37 2.93 0.00	51.66 2.79 0.00	50.47 2.90 0.00	50.46 2.90 0.00	50.72 2.96 0.00	54.47 2.99 0.00	65.69 3.95 0.00	64.15 3.40 0.00	61.76 2.94 0.00	50.79 2.42 0.00	47.96 2.37 0.00	43.82 2.64 0.00								
GENESE 61753		39.40 -2.28 0.00	36.52 -2.23 0.00	36.24 -2.25 0.00	36.22 -2.20 0.00	37.41 -2.22 0.00	42.00 -1.90 0.00	50.62 -1.40 0.00	56.15 -0.07 0.00	56.87 -0.03 0.00	56.69 -0.42 0.00	55.67 -0.47 0.00	51.90 -0.58 0.00	49.79 -0.65 0.00	48.40 -0.47 0.00	46.68 -0.89 0.00	46.70 -0.86 0.00	46.90 -0.86 0.00	50.56 -0.92 0.00	61.92 0.18 0.00	58.90 -1.85 0.00	56.81 -2.01 0.00	48.25 -0.12 0.00	43.19 -2.40 0.00	37.79 -3.39 0.00								
H Q 61844		41.64 -0.04 0.00	38.71 -0.04 0.00	38.45 -0.04 0.00	38.30 -0.12 0.00	39.51 -0.12 0.00	43.77 -0.13 0.00	51.08 -0.94 0.00	55.43 -0.79 0.00	56.22 -0.68 0.00	56.42 -0.69 0.00	55.47 -0.67 0.00	51.90 -0.58 0.00	49.83 -0.61 0.00	48.28 -0.59 0.00	47.09 -0.48 0.00	47.08 -0.48 0.00	47.23 -0.53 0.00	50.97 -0.51 0.00	60.26 -1.48 0.00	59.90 -0.85 0.00	58.17 -0.65 0.00	47.55 -0.82 0.00	45.50 -0.09 0.00	41.10 -0.08 0.00								
HUD VL 61758		43.08 1.40 0.00	40.04 1.29 0.00	39.75 1.26 0.00	39.77 1.35 0.00	41.06 1.43 0.00	45.16 1.26 0.00	53.78 1.76 0.00	57.37 1.15 0.00	58.13 1.23 0.00	58.83 1.72 0.00	57.97 1.83 0.00	54.15 1.67 0.00	52.19 1.75 0.00	50.50 1.63 0.00	49.30 1.73 0.00	49.31 1.75 0.00	49.59 1.83 0.00	53.21 1.73 0.00	64.31 2.57 0.00	62.92 2.17 0.00	60.59 1.77 0.00	49.86 1.49 0.00	47.01 1.42 0.00	43.21 2.03 0.00								
LONGIL 61762		44.40 2.72 0.00	41.34 2.59 0.00	41.09 2.60 0.00	41.36 2.94 0.00	42.50 2.87 0.00	45.74 1.84 0.00	54.71 2.69 0.00	59.68 3.46 0.00	60.45 3.55 0.00	61.05 3.94 0.00	60.23 4.09 0.00	56.41 3.93 0.00	54.29 3.84 -0.01	53.63 3.60 -1.16	52.47 3.71 -1.19	52.46 3.70 -1.20	54.92 3.80 -3.36	57.54 3.86 -2.20	69.43 5.11 -2.58	66.33 4.52 -1.06	64.48 3.90 -1.76	56.73 3.39 -4.97	48.85 3.26 0.00	44.79 3.61 0.00								
MHK VL 61756		41.51 -0.17 0.00	38.56 -0.19 0.00	38.29 -0.20 0.00	38.08 -0.34 0.00	39.30 -0.33 0.00	43.71 -0.19 0.00	52.21 0.19 0.00	56.77 0.55 0.00	57.61 0.71 0.00	57.68 0.57 0.00	56.48 0.34 0.00	52.70 0.22 0.00	50.63 0.19 0.00	49.09 0.22 0.00	47.86 0.29 0.00	47.85 0.29 0.00	48.12 0.36 0.00	51.96 0.48 0.00	62.60 0.86 0.00	61.20 0.45 0.00	59.35 0.53 0.00	48.79 0.42 0.00	45.45 -0.14 0.00	40.90 -0.28 0.00								
MILLWD 61759		43.10 1.42 0.00	40.05 1.30 0.00	39.74 1.25 0.00	39.76 1.34 0.00	41.07 1.44 0.00	45.15 1.25 0.00	53.76 1.74 0.00	57.76 1.54 0.00	58.60 1.70 0.00	59.25 2.14 0.00	58.38 2.24 0.00	54.63 2.15 0.00	52.58 2.14 0.00	50.90 2.03 0.00	49.73 2.16 0.00	49.74 2.18 0.00	49.98 2.22 0.00	53.67 2.19 0.00	64.73 2.99 0.00	63.21 2.46 0.00	60.85 2.03 0.00	50.08 1.71 0.00	47.30 1.71 0.00	43.26 2.08 0.00								
N.Y.C. 61761		44.16 2.48 0.00	41.01 2.26 0.00	40.70 2.21 0.00	40.72 2.30 0.00	42.07 2.44 0.00	46.29 2.39 0.00	55.14 3.12 0.00	61.51 3.06 -2.23	62.16 3.27 -1.99	62.63 3.70 -1.82	61.99 3.75 -2.10	59.47 3.66 -3.33	58.00 3.58 -3.98	56.80 3.40 -4.53	56.05 3.57 -4.91	56.02 3.56 -4.90	57.68 3.58 -6.34	64.64 3.62 -9.54	74.41 4.73 -7.94	68.18 4.11 -3.32	63.62 3.52 -1.28	56.11 2.96 -4.78	50.56 2.98 -1.99	44.30 3.12 0.00								
NORTH 61755		41.24 -0.44 0.00	38.32 -0.43 0.00	38.06 -0.43 0.00	37.79 -0.63 0.00	38.99 -0.64 0.00	43.22 -0.68 0.00	50.26 -1.76 0.00	54.82 -1.40 0.00	55.81 -1.09 0.00	56.03 -1.08 0.00	54.99 -1.15 0.00	51.52 -0.96 0.00	49.44 -1.00 0.00	47.91 -0.96 0.00	46.77 -0.80 0.00	46.76 -0.80 0.00	46.93 -0.83 0.00	50.68 -0.80 0.00	59.79 -1.95 0.00	59.45 -1.30 0.00	57.86 -0.96 0.00	47.15 -1.22 0.00	45.08 -0.51 0.00	40.64 -0.54 0.00								
NPX 61845		43.10 1.42 0.00	40.07 1.32 0.00	39.80 1.31 0.00	39.80 1.38 0.00	41.06 1.43 0.00	45.26 1.36 0.00	54.00 1.98 0.00	58.02 1.80 0.00	58.72 1.82 0.00	59.22 2.11 0.00	58.22 2.08 0.00	54.47 1.99 0.00	52.36 1.92 0.00	50.68 1.81 0.00	49.43 1.86 0.00	49.41 1.85 0.00	49.67 1.91 0.00	53.49 2.01 0.00	64.58 2.84 0.00	63.24 2.49 0.00	61.06 2.24 0.00	50.16 1.79 0.00	47.23 1.64 0.00	42.91 1.73 0.00								

PJM 61846	37.64 <span>-4.04</span> <span>0.00</span>	34.99 <span>-3.76</span> <span>0.00</span>	34.76 <span>-3.73</span> <span>0.00</span>	34.73 <span>-3.69</span> <span>0.00</span>	35.79 <span>-3.84</span> <span>0.00</span>	40.04 <span>-3.86</span> <span>0.00</span>	47.75 <span>-4.27</span> <span>0.00</span>	51.78 <span>-4.44</span> <span>0.00</span>	52.35 <span>-4.55</span> <span>0.00</span>	52.14 <span>-4.97</span> <span>0.00</span>	50.97 <span>-5.17</span> <span>0.00</span>	47.44 <span>-5.04</span> <span>0.00</span>	45.60 <span>-4.84</span> <span>0.00</span>	44.42 <span>-4.45</span> <span>0.00</span>	42.72 <span>-4.85</span> <span>0.00</span>	42.76 <span>-4.80</span> <span>0.00</span>	42.89 <span>-4.87</span> <span>0.00</span>	46.28 <span>-5.20</span> <span>0.00</span>	57.42 <span>-4.32</span> <span>0.00</span>	55.46 <span>-5.29</span> <span>0.00</span>	53.53 <span>-5.29</span> <span>0.00</span>	45.23 <span>-3.14</span> <span>0.00</span>	40.85 <span>-4.74</span> <span>0.00</span>	35.29 <span>-5.89</span> <span>0.00</span>
PJM 61847	37.85 <span>-3.83</span> <span>0.00</span>	34.99 <span>-3.76</span> <span>0.00</span>	35.06 <span>-3.43</span> <span>0.00</span>	35.00 <span>-3.42</span> <span>0.00</span>	35.94 <span>-3.69</span> <span>0.00</span>	40.91 <span>-2.99</span> <span>0.00</span>	50.93 <span>-1.09</span> <span>0.00</span>	54.59 <span>-1.63</span> <span>0.00</span>	54.68 <span>-2.22</span> <span>0.00</span>	53.97 <span>-3.14</span> <span>0.00</span>	53.00 <span>-3.14</span> <span>0.00</span>	49.75 <span>-2.73</span> <span>0.00</span>	46.96 <span>-3.48</span> <span>0.00</span>	45.55 <span>-3.32</span> <span>0.00</span>	43.19 <span>-4.38</span> <span>0.00</span>	43.09 <span>-4.47</span> <span>0.00</span>	43.37 <span>-4.39</span> <span>0.00</span>	46.90 <span>-4.58</span> <span>0.00</span>	60.38 <span>-1.36</span> <span>0.00</span>	58.68 <span>-2.07</span> <span>0.00</span>	56.11 <span>-2.71</span> <span>0.00</span>	45.85 <span>-2.52</span> <span>0.00</span>	40.35 <span>-5.24</span> <span>0.00</span>	35.37 <span>-5.81</span> <span>0.00</span>
WEST 61752	37.75 <span>-3.93</span> <span>0.00</span>	34.99 <span>-3.76</span> <span>0.00</span>	34.80 <span>-3.69</span> <span>0.00</span>	34.77 <span>-3.65</span> <span>0.00</span>	35.81 <span>-3.82</span> <span>0.00</span>	40.29 <span>-3.61</span> <span>0.00</span>	48.50 <span>-3.52</span> <span>0.00</span>	52.95 <span>-3.27</span> <span>0.00</span>	53.45 <span>-3.45</span> <span>0.00</span>	53.12 <span>-3.99</span> <span>0.00</span>	52.01 <span>-4.13</span> <span>0.00</span>	48.45 <span>-4.03</span> <span>0.00</span>	46.37 <span>-4.07</span> <span>0.00</span>	45.17 <span>-3.70</span> <span>0.00</span>	43.25 <span>-4.32</span> <span>0.00</span>	43.26 <span>-4.30</span> <span>0.00</span>	43.42 <span>-4.34</span> <span>0.00</span>	46.92 <span>-4.56</span> <span>0.00</span>	58.74 <span>-3.00</span> <span>0.00</span>	56.77 <span>-3.98</span> <span>0.00</span>	54.62 <span>-4.20</span> <span>0.00</span>	45.87 <span>-2.50</span> <span>0.00</span>	41.09 <span>-4.50</span> <span>0.00</span>	35.28 <span>-5.90</span> <span>0.00</span>