

Day Ahead Market Zonal LBMP

Zonal Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										12/23/2003	
		00:00 EST CAPITL 61757	01:00 EST 33.04 1.21 0.00	02:00 EST 30.05 1.08 0.00	03:00 EST 29.92 0.99 0.00	04:00 EST 31.13 1.06 0.00	05:00 EST 41.60 1.37 0.00	06:00 EST 52.15 2.09 0.00	07:00 EST 55.54 2.38 0.00	08:00 EST 53.50 2.36 0.00	09:00 EST 53.72 2.38 0.00	10:00 EST 53.27 2.40 0.00	11:00 EST 49.78 2.27 0.00	12:00 EST 48.07 1.98 0.00	13:00 EST 47.44 1.97 0.00	14:00 EST 45.66 1.89 0.00	15:00 EST 47.39 2.09 0.00	16:00 EST 61.64 2.56 0.00	17:00 EST 72.30 3.40 0.00	18:00 EST 67.74 3.10 0.00	19:00 EST 66.36 2.87 0.00	20:00 EST 62.37 2.60 0.00	21:00 EST 53.05 2.32 0.00	22:00 EST 44.59 1.61 0.00	23:00 EST 37.11 1.20 0.00								
CENTRL 61754		30.61 -1.22 0.00	27.86 -1.11 0.00	27.78 -1.14 0.00	27.73 -1.15 0.00	28.88 -1.19 0.00	38.90 -1.33 0.00	48.88 -1.18 0.00	52.34 -0.82 0.00	50.24 -0.90 0.00	50.40 -0.94 0.00	49.77 -1.10 0.00	46.38 -1.13 0.00	44.64 -1.45 0.00	43.91 -1.56 0.00	42.27 -1.50 0.00	43.79 -1.51 0.00	57.81 -1.27 0.00	68.16 -0.74 0.00	63.66 -0.98 0.00	62.38 -1.11 0.00	58.49 -1.28 0.00	49.65 -1.08 0.00	41.42 -1.56 0.00	34.35 -1.56 0.00								
DUNWOD 61760		33.55 1.72 0.00	30.33 1.36 0.00	30.25 1.33 0.00	30.24 1.36 0.00	31.54 1.47 0.00	42.12 1.89 0.00	52.61 2.55 0.00	55.98 2.82 0.00	54.21 3.07 0.00	54.57 3.23 0.00	54.18 3.31 0.00	50.69 3.18 0.00	48.95 2.86 0.00	48.38 2.91 0.00	46.57 2.80 0.00	48.38 3.08 0.00	62.80 3.72 0.00	73.52 4.62 0.00	68.97 4.33 0.00	67.49 4.00 0.00	63.54 3.77 0.00	54.08 3.35 0.00	45.64 2.66 0.00	37.85 1.94 0.00								
GENESE 61753		30.52 -1.31 0.00	27.95 -1.02 0.00	27.84 -1.08 0.00	27.80 -1.08 0.00	28.86 -1.21 0.00	38.96 -1.27 0.00	48.08 -1.98 0.00	52.57 -0.59 0.00	50.21 -0.93 0.00	50.36 -0.98 0.00	49.68 -1.19 0.00	46.18 -1.33 0.00	44.30 -1.79 0.00	43.45 -2.02 0.00	41.86 -1.91 0.00	43.53 -1.77 0.00	58.02 -1.06 0.00	69.16 0.26 0.00	63.98 -0.66 0.00	62.53 -0.96 0.00	58.60 -1.17 0.00	49.93 -0.80 0.00	41.46 -1.52 0.00	34.40 -1.51 0.00								
H Q 61844		31.89 0.06 0.00	29.03 0.06 0.00	28.98 0.06 0.00	28.94 0.06 0.00	30.13 0.06 0.00	40.31 0.08 0.00	49.91 -0.15 0.00	52.73 -0.43 0.00	50.68 -0.46 0.00	50.83 -0.51 0.00	50.36 -0.51 0.00	47.08 -0.43 0.00	45.95 -0.14 0.00	45.38 -0.09 0.00	43.64 -0.13 0.00	45.12 -0.18 0.00	58.61 -0.47 0.00	67.80 -1.10 0.00	63.80 -0.84 0.00	62.92 -0.57 0.00	59.29 -0.48 0.00	50.17 -0.56 0.00	42.85 -0.13 0.00	36.02 0.11 0.00								
HUD VL 61758		33.06 1.23 0.00	29.93 0.96 0.00	29.85 0.93 0.00	29.80 0.92 0.00	31.11 1.04 0.00	41.52 1.29 0.00	51.90 1.84 0.00	54.94 1.78 0.00	53.13 1.99 0.00	53.41 2.07 0.00	53.07 2.20 0.00	49.65 2.14 0.00	47.95 1.86 0.00	47.41 1.94 0.00	45.66 1.89 0.00	47.39 2.09 0.00	61.53 2.45 0.00	71.94 3.04 0.00	67.58 2.94 0.00	66.09 2.60 0.00	62.27 2.50 0.00	52.99 2.26 0.00	44.74 1.76 0.00	37.31 1.40 0.00								
LONGIL 61762		38.81 2.49 -4.49	30.86 1.89 0.00	30.72 1.80 0.00	30.78 1.90 0.00	32.07 2.00 0.00	42.67 2.44 0.00	53.40 3.33 -0.01	57.38 3.87 -0.35	58.37 4.03 -3.20	59.10 4.28 -3.48	67.31 4.16 -12.28	67.33 3.99 -15.83	67.36 3.56 -17.71	67.14 3.60 -18.07	67.38 3.47 -20.14	56.08 3.70 -7.08	66.17 4.47 -2.62	75.75 5.53 -1.32	72.21 5.16 -2.41	73.55 4.78 -5.28	70.87 4.60 -6.50	60.02 4.03 -5.26	54.44 3.32 -8.14	45.81 2.66 -7.24								
MHK VL 61756		31.70 -0.13 0.00	28.81 -0.16 0.00	28.76 -0.16 0.00	28.72 -0.16 0.00	29.92 -0.15 0.00	40.15 -0.08 0.00	50.23 0.17 0.00	53.69 0.53 0.00	51.47 0.33 0.00	51.65 0.31 0.00	51.14 0.27 0.00	47.74 0.23 0.00	46.24 0.15 0.00	45.58 0.11 0.00	43.85 0.08 0.00	45.48 0.18 0.00	59.51 0.43 0.00	69.73 0.83 0.00	65.33 0.69 0.00	64.10 0.61 0.00	60.25 0.48 0.00	51.01 0.28 0.00	42.97 -0.01 0.00	35.80 -0.11 0.00								
MILLWD 61759		33.14 1.31 0.00	29.98 1.01 0.00	29.87 0.95 0.00	29.86 0.98 0.00	31.17 1.10 0.00	41.60 1.37 0.00	51.93 1.87 0.00	55.20 2.04 0.00	53.41 2.27 0.00	53.78 2.44 0.00	53.44 2.57 0.00	50.00 2.49 0.00	48.28 2.19 0.00	47.72 2.25 0.00	45.98 2.21 0.00	47.72 2.42 0.00	61.88 2.80 0.00	72.45 3.55 0.00	67.97 3.33 0.00	66.50 3.01 0.00	62.61 2.84 0.00	53.29 2.56 0.00	45.02 2.04 0.00	37.38 1.47 0.00								
N.Y.C. 61761		33.98 2.15 0.00	30.74 1.77 0.00	30.62 1.70 0.00	30.62 1.74 0.00	31.95 1.88 0.00	42.65 2.42 0.00	54.28 3.02 -1.20	66.46 3.35 -9.95	77.90 3.54 -23.22	79.58 3.70 -24.54	79.64 3.78 -24.99	77.95 3.63 -26.81	78.06 3.24 -28.73	77.97 3.28 -29.22	78.34 3.19 -31.38	78.16 3.44 -29.42	89.49 4.22 -26.19	90.37 5.24 -16.23	81.42 4.89 -11.89	81.39 4.54 -13.36	78.99 4.31 -14.91	70.99 3.82 -16.44	63.59 3.02 -17.59	54.90 2.27 -16.72								
NORTH 61755		31.72 -0.11 0.00	28.86 -0.11 0.00	28.81 -0.11 0.00	28.77 -0.11 0.00	29.97 -0.10 0.00	40.11 -0.12 0.00	49.69 -0.37 0.00	52.55 -0.61 0.00	50.39 -0.75 0.00	50.53 -0.81 0.00	50.12 -0.75 0.00	46.81 -0.70 0.00	45.79 -0.30 0.00	45.22 -0.25 0.00	43.49 -0.28 0.00	44.94 -0.36 0.00	58.40 -0.68 0.00	67.48 -1.42 0.00	63.56 -1.08 0.00	62.68 -0.81 0.00	59.18 -0.59 0.00	49.85 -0.88 0.00	42.71 -0.27 0.00	35.92 0.01 0.00								
NPX 61845		35.00 1.37 -1.80	35.00 1.16 -4.87	35.01 1.13 -4.96	35.01 1.16 -4.97	34.99 1.23 -3.69	45.00 1.57 -3.20	59.99 2.20 -7.73	63.78 2.45 -8.17	61.26 2.51 -7.61	62.08 2.57 -8.17	61.69 2.65 -8.17	56.93 2.52 -6.90	56.03 2.21 -7.73	55.00 2.23 -7.30	52.86 2.14 -6.95	55.62 2.36 -7.96	69.65 2.84 -7.73	74.99 3.58 -2.51	75.00 3.30 -7.06	66.54 3.05 0.00	62.64 2.87 0.00	53.32 2.59 0.00	52.92 1.98 -7.96	44.99 1.47 -7.61								

H 61846	28.87 -2.96 0.00	26.59 -2.38 0.00	26.49 -2.43 0.00	26.43 -2.45 0.00	27.27 -2.80 0.00	36.69 -3.54 0.00	43.80 -6.26 0.00	48.00 -5.16 0.00	45.92 -5.22 0.00	46.00 -5.34 0.00	45.38 -5.49 0.00	42.00 -5.51 0.00	40.24 -5.85 0.00	39.47 -6.00 0.00	38.04 -5.73 0.00	39.18 -6.12 0.00	53.17 -5.91 0.00	63.80 -5.10 0.00	58.56 -6.08 0.00	57.20 -6.29 0.00	53.67 -6.10 0.00	46.11 -4.62 0.00	38.47 -4.51 0.00	32.00 -3.91 0.00
PJM 61847	26.80 -4.39 0.64	25.12 -3.85 0.00	24.34 -3.90 0.68	24.98 -3.90 0.00	26.25 -3.82 0.00	36.01 -4.22 0.00	46.56 -3.50 0.00	50.93 -2.23 0.00	48.38 -2.76 0.00	48.47 -2.87 0.00	47.00 -3.87 0.00	43.90 -3.61 0.00	41.11 -4.98 0.00	39.79 -5.68 0.00	38.25 -5.52 0.00	39.55 -5.75 0.00	55.00 -4.08 0.00	66.35 -2.55 0.00	61.41 -3.23 0.00	60.00 -3.49 0.00	56.00 -3.77 0.00	47.69 -3.04 0.00	37.69 -5.29 0.00	29.88 -5.28 0.75
WEST 61752	28.68 -3.15 0.00	26.47 -2.50 0.00	26.35 -2.57 0.00	26.29 -2.59 0.00	27.17 -2.90 0.00	36.60 -3.63 0.00	44.32 -5.74 0.00	48.99 -4.17 0.00	46.75 -4.39 0.00	46.86 -4.48 0.00	46.08 -4.79 0.00	42.68 -4.83 0.00	40.69 -5.40 0.00	39.77 -5.70 0.00	38.35 -5.42 0.00	39.50 -5.80 0.00	54.09 -4.99 0.00	65.14 -3.76 0.00	59.80 -4.84 0.00	58.40 -5.09 0.00	54.75 -5.02 0.00	46.95 -3.78 0.00	38.63 -4.35 0.00	31.84 -4.07 0.00