

# Day Ahead Market Zonal LBMP

Zonal Data		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								10/31/2004	
Name	PTID	00:00 EDT	01:00 EDT	01:00 EST	02:00 EST	03:00 EST	04:00 EST	05:00 EST	06:00 EST	07:00 EST	08:00 EST	09:00 EST	10:00 EST	11:00 EST	12:00 EST	13:00 EST	14:00 EST	15:00 EST	16:00 EST	17:00 EST	18:00 EST	19:00 EST	20:00 EST	21:00 EST	22:00 EST	23:00 EST	
CAPITL 61757		46.17 2.09 0.00	38.83 1.70 0.00	39.14 1.75 0.00	34.52 1.48 0.00	33.47 1.40 0.00	33.39 1.39 0.00	34.75 1.48 0.00	41.07 2.04 0.00	42.50 2.05 0.00	51.72 2.68 0.00	53.59 2.95 0.00	55.47 3.35 0.00	57.04 3.28 -2.05	53.74 3.06 -0.04	53.69 3.11 0.00	53.64 3.11 0.00	53.63 3.06 -0.04	59.92 3.43 -2.78	71.95 4.43 -0.03	76.35 3.92 -11.63	71.33 4.22 -2.38	70.45 3.46 -11.52	54.51 3.36 0.00	48.64 2.54 0.00	42.77 2.21 0.00	
CENTRL 61754		42.38 -1.70 0.00	35.67 -1.46 0.00	35.89 -1.50 0.00	31.80 -1.24 0.00	30.92 -1.15 0.00	30.88 -1.12 0.00	32.14 -1.13 0.00	37.50 -1.53 0.00	38.86 -1.59 0.00	46.94 -2.10 0.00	48.37 -2.27 0.00	50.01 -2.11 0.00	49.50 -2.38 -0.17	48.13 -2.51 0.00	48.00 -2.58 0.00	47.94 -2.59 0.00	48.05 -2.48 0.00	51.77 -2.17 -0.23	65.35 -2.14 0.00	59.50 -2.43 -1.13	62.36 -2.60 -0.23	54.22 -2.36 -1.11	49.30 -1.85 0.00	44.09 -2.01 0.00	38.81 -1.75 0.00	
DUNWOD 61760		46.64 3.57 1.01	39.91 2.78 0.00	39.13 2.88 1.14	35.45 2.41 0.00	34.32 2.25 0.00	34.21 2.21 0.00	35.67 2.40 0.00	42.15 3.12 0.00	43.48 3.03 0.00	53.01 3.97 0.00	53.26 4.76 2.14	55.00 5.37 2.49	56.10 5.27 0.88	58.28 4.91 -2.73	56.58 4.86 -1.14	56.28 4.90 -0.85	56.76 4.75 -1.48	59.87 5.37 -0.79	78.86 6.88 -4.49	72.07 6.08 -5.19	68.11 6.54 3.16	65.43 5.60 -4.36	61.50 5.27 -5.08	55.21 4.29 -4.82	42.64 3.65 1.57	
GENESE 61753		42.17 -1.91 0.00	35.73 -1.40 0.00	36.05 -1.34 0.00	32.05 -0.99 0.00	31.22 -0.85 0.00	31.19 -0.81 0.00	32.47 -0.80 0.00	37.36 -1.67 0.00	39.15 -1.30 0.00	46.62 -2.42 0.00	47.56 -3.08 0.00	48.86 -3.26 0.00	48.67 -3.20 -0.16	47.65 -2.99 0.00	47.43 -3.15 0.00	47.50 -3.03 0.00	47.24 -3.29 0.00	50.54 -3.39 -0.22	64.62 -2.87 0.00	57.90 -4.00 -1.10	60.64 -4.31 -0.22	52.77 -3.79 -1.09	49.11 -2.04 0.00	44.21 -1.89 0.00	39.31 -1.25 0.00	
H Q 61844		43.60 -0.48 0.00	36.80 -0.33 0.00	37.09 -0.30 0.00	32.74 -0.30 0.00	31.78 -0.29 0.00	31.71 -0.29 0.00	32.97 -0.30 0.00	38.34 -0.35 0.34	40.25 -0.24 -0.04	48.75 -0.29 0.00	50.18 -0.46 0.00	51.34 -0.78 0.00	51.09 -0.62 0.00	50.18 -0.46 0.00	50.18 -0.40 0.00	50.18 -0.35 0.00	50.18 -0.35 0.00	53.01 -0.70 0.00	66.14 -1.35 0.00	59.95 -0.85 0.00	63.82 -0.91 0.00	54.80 -0.67 0.00	50.18 -0.97 0.00	45.64 -0.46 0.00	40.15 -0.41 0.00	
HUD VL 61758		46.67 2.78 0.19	39.31 2.18 0.00	39.43 2.25 0.21	34.92 1.88 0.00	33.80 1.73 0.00	33.71 1.71 0.00	35.12 1.85 0.00	41.44 2.41 0.00	42.73 2.28 0.00	52.10 3.06 0.00	53.97 3.73 0.40	55.92 4.27 0.47	56.97 4.19 -1.07	54.03 3.84 0.45	53.91 3.82 0.49	53.86 3.83 0.50	53.78 3.69 0.44	59.56 4.27 -1.58	72.69 5.48 0.28	73.72 4.80 -8.12	70.77 5.17 -0.87	67.78 4.42 -7.89	54.86 4.17 0.46	49.10 3.30 0.30	43.08 2.81 0.29	
LONGIL 61762		55.18 4.56 -6.54	49.19 3.68 -8.38	48.52 3.74 -7.39	42.02 3.27 -5.71	38.17 3.07 -3.03	38.57 3.04 -3.53	49.15 3.30 -12.58	54.77 4.07 -11.67	65.35 4.07 -20.83	65.74 5.37 -11.33	66.49 6.01 -9.84	66.84 6.06 -8.66	67.34 5.35 -10.28	68.92 4.85 -13.43	67.75 4.96 -12.21	67.52 5.02 -11.97	67.87 4.82 -12.52	69.89 4.92 -11.26	85.12 5.85 -11.78	88.19 5.23 -22.16	77.32 5.49 -7.10	75.16 4.92 -14.77	71.37 4.94 -15.28	66.42 4.63 -15.69	55.20 4.55 -10.09	
MHK VL 61756		44.14 0.06 0.00	37.14 0.01 0.00	37.34 -0.05 0.00	33.04 0.00 0.00	32.10 0.03 0.00	32.03 0.03 0.00	33.32 0.05 0.00	39.09 0.06 0.00	40.52 0.07 0.00	49.17 0.13 0.00	50.62 -0.02 0.00	52.22 0.10 0.00	51.89 0.14 -0.04	50.67 0.03 0.00	50.65 0.07 0.00	50.57 0.04 0.00	50.58 0.05 0.00	53.95 0.19 -0.05	67.73 0.24 0.00	61.38 0.32 -0.26	65.10 0.32 -0.05	56.05 0.32 -0.26	51.30 0.15 0.00	46.10 0.00 0.00	40.55 -0.01 0.00	
MILLWD 61759		46.33 3.15 0.90	39.59 2.46 0.00	38.92 2.55 1.02	35.16 2.12 0.00	34.03 1.96 0.00	33.94 1.94 0.00	35.37 2.10 0.00	41.78 2.75 0.00	43.10 2.65 0.00	52.55 3.51 0.00	52.98 4.25 1.91	54.75 4.85 2.22	55.84 4.76 0.63	57.97 4.41 -2.92	56.28 4.38 -1.32	55.95 4.40 -1.02	56.51 4.27 -1.71	59.49 4.83 -0.95	78.36 6.21 -4.66	71.81 5.47 -5.54	67.99 5.89 2.63	65.31 5.05 -4.79	61.18 4.76 -5.27	54.87 3.83 -4.94	42.43 3.27 1.40	
N.Y.C. 61761		50.44 4.09 -2.27	40.35 3.22 0.00	43.26 3.31 -2.56	35.82 2.78 0.00	34.66 2.59 0.00	34.55 2.55 0.00	36.03 2.76 0.00	42.60 3.57 0.00	43.90 3.45 0.00	53.59 4.55 0.00	60.79 5.34 -4.81	63.73 6.02 -5.59	64.62 5.88 -7.03	73.95 5.48 -17.83	74.36 5.45 -18.33	74.41 5.47 -18.41	68.17 5.31 -12.33	76.63 6.02 -16.90	86.35 7.68 -11.18	86.71 6.74 -19.17	86.80 7.27 -14.80	83.46 6.25 -21.74	76.58 5.87 -19.56	64.85 4.80 -13.95	48.23 4.15 -3.52	
NORTH 61755		43.38 -0.70 0.00	36.71 -0.42 0.00	36.98 -0.41 0.00	32.65 -0.39 0.00	31.68 -0.39 0.00	31.61 -0.39 0.00	32.87 -0.40 0.00	38.60 -0.43 0.00	40.27 -0.18 0.00	48.73 -0.31 0.00	50.06 -0.58 0.00	51.41 -0.71 0.00	51.22 -0.45 0.04	50.09 -0.55 0.00	50.13 -0.45 0.00	50.13 -0.40 0.00	50.13 -0.40 0.00	52.85 -0.80 0.06	65.64 -1.85 0.00	59.51 -1.03 0.26	63.56 -1.12 0.05	54.69 -0.52 0.26	49.94 -1.21 0.00	45.48 -0.62 0.00	39.96 -0.60 0.00	
NPX 61845		46.46 2.38 0.00	39.02 1.89 0.00	39.37 1.98 0.00	34.69 1.65 0.00	33.61 1.54 0.00	33.54 1.54 0.00	34.90 1.63 0.00	40.88 2.19 0.34	42.63 2.14 -0.04	51.84 2.80 0.00	53.88 3.24 0.00	55.82 3.70 0.00	57.24 3.62 -1.91	54.01 3.34 -0.03	53.92 3.34 0.00	53.87 3.34 0.00	53.79 3.23 -0.03	60.01 3.71 -2.59	72.31 4.79 -0.03	75.77 4.20 -10.77	71.46 4.53 -2.20	69.96 3.83 -10.66	54.73 3.58 0.00	48.91 2.81 0.00	42.99 2.43 0.00	

O H 61846	40.99	34.35	34.40	30.99	30.50	30.50	31.77	35.49	37.82	44.53	45.17	46.07	46.01	45.22	44.97	45.27	44.62	47.41	61.21	53.78	56.25	49.21	46.96	42.04	37.72
	-3.09	-2.78	-2.99	-2.05	-1.57	-1.50	-1.50	-3.20	-2.67	-4.51	-5.47	-6.05	-5.89	-5.42	-5.61	-5.26	-5.91	-6.55	-6.28	-8.27	-8.74	-7.49	-4.19	-4.06	-2.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	-0.04	0.00	0.00	0.00	-0.19	0.00	0.00	0.00	0.00	-0.25	0.00	-1.25	-0.26	-1.23	0.00	0.00	0.00
PJM 61847	33.49	30.43	28.38	26.98	26.97	28.90	30.48	35.37	37.42	44.82	45.98	48.00	47.63	45.28	45.02	45.22	44.48	49.31	62.24	57.55	59.72	52.45	46.96	37.88	33.48
	-4.76	-4.16	-4.34	-3.47	-3.18	-3.10	-2.79	-3.32	-3.07	-4.22	-4.66	-4.12	-4.40	-5.37	-5.56	-5.31	-6.06	-4.83	-5.26	-5.35	-5.44	-5.10	-4.19	-4.84	-4.46
	5.83	2.54	4.67	2.59	1.92	0.00	0.00	0.34	-0.04	0.00	0.00	0.00	-0.32	-0.01	0.00	0.00	-0.01	-0.43	-0.01	-2.10	-0.43	-2.08	0.00	3.38	2.62
WEST 61752	40.86	34.20	34.21	30.86	30.36	30.34	31.71	35.89	37.86	44.76	45.40	46.56	46.46	45.34	45.08	45.41	44.69	47.88	61.64	54.57	57.07	49.90	47.16	42.05	37.56
	-3.22	-2.93	-3.18	-2.18	-1.71	-1.66	-1.56	-3.14	-2.59	-4.28	-5.24	-5.56	-5.46	-5.30	-5.50	-5.12	-5.84	-6.11	-5.85	-7.61	-7.94	-6.94	-3.99	-4.05	-3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-0.28	0.00	-1.38	-0.28	-1.37	0.00	0.00	0.00