

Day Ahead Market Zonal LBMP

Zonal Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										12/19/2003	
Name	PTID	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								
CAPITL 61757		34.52 1.25 0.00	29.78 1.10 0.00	30.14 1.14 0.00	29.51 1.10 0.00	32.25 1.18 0.00	44.41 1.54 0.00	57.97 2.36 0.00	62.76 2.34 0.00	55.82 1.90 0.00	59.84 2.00 0.00	64.14 2.22 0.00	54.56 1.88 0.00	52.11 1.85 0.00	50.93 1.80 0.00	48.84 1.92 0.00	50.91 2.03 0.00	64.77 2.68 0.00	72.06 3.22 0.00	72.30 3.39 0.00	68.11 3.03 0.00	67.16 2.70 0.00	65.08 2.60 0.00	50.55 1.97 0.00	45.74 1.72 0.00								
CENTRL 61754		32.36 -0.91 0.00	27.78 -0.90 0.00	28.00 -1.00 0.00	27.44 -0.97 0.00	30.23 -0.84 0.00	42.14 -0.73 0.00	55.11 -0.50 0.00	60.22 -0.20 0.00	53.73 -0.19 0.00	57.71 -0.13 0.00	61.63 -0.29 0.00	52.32 -0.36 0.00	49.79 -0.47 0.00	48.54 -0.59 0.00	46.29 -0.63 0.00	48.08 -0.80 0.00	61.72 -0.37 0.00	68.96 0.12 0.00	68.85 -0.06 0.00	64.80 -0.28 0.00	64.07 -0.39 0.00	61.69 -0.79 0.00	47.57 -1.01 0.00	42.08 -1.94 0.00								
DUNWOD 61760		35.03 1.76 0.00	30.17 1.49 0.00	30.51 1.51 0.00	29.89 1.48 0.00	32.56 1.49 0.00	44.67 1.80 0.00	58.06 2.45 0.00	63.32 2.90 0.00	56.72 2.80 0.00	60.79 2.95 0.00	65.26 3.34 0.00	55.63 2.95 0.00	52.97 2.71 0.00	51.88 2.75 0.00	49.59 2.67 0.00	51.81 2.93 0.00	65.57 3.48 0.00	73.11 4.27 0.00	73.46 4.55 0.00	69.18 4.10 0.00	68.20 3.74 0.00	66.04 3.56 0.00	51.54 2.96 0.00	46.53 2.51 0.00								
GENESE 61753		32.31 -0.96 0.00	27.71 -0.97 0.00	27.91 -1.09 0.00	27.37 -1.04 0.00	30.14 -0.93 0.00	41.42 -1.45 0.00	53.89 -1.72 0.00	59.57 -0.85 0.00	53.15 -0.77 0.00	57.16 -0.68 0.00	61.07 -0.85 0.00	51.92 -0.76 0.00	49.44 -0.82 0.00	48.27 -0.86 0.00	45.99 -0.93 0.00	47.69 -1.19 0.00	61.01 -1.08 0.00	68.58 -0.26 0.00	68.44 -0.47 0.00	64.19 -0.89 0.00	63.80 -0.66 0.00	61.34 -1.14 0.00	46.65 -1.93 0.00	40.96 -3.06 0.00								
H Q 61844		30.06 -0.10 3.11	28.59 -0.09 0.00	28.91 -0.09 0.00	28.32 -0.09 0.00	29.87 -0.12 1.08	42.78 -0.09 0.00	55.39 -0.22 0.00	59.94 -0.48 0.00	53.49 -0.43 0.00	57.38 -0.46 0.00	61.42 -0.50 0.00	52.26 -0.42 0.00	49.91 -0.35 0.00	48.79 -0.34 0.00	46.59 -0.33 0.00	48.54 -0.34 0.00	61.59 -0.50 0.00	67.88 -0.96 0.00	67.88 -1.03 0.00	64.30 -0.78 0.00	63.88 -0.58 0.00	61.98 -0.50 0.00	51.05 -0.34 -2.81	41.39 0.18 2.81								
HUD VL 61758		34.54 1.27 0.00	29.72 1.04 0.00	30.06 1.06 0.00	29.45 1.04 0.00	32.07 1.00 0.00	44.00 1.13 0.00	57.23 1.62 0.00	62.41 1.99 0.00	55.86 1.94 0.00	59.78 1.94 0.00	64.14 2.22 0.00	54.65 1.97 0.00	52.10 1.84 0.00	51.11 1.98 0.00	48.81 1.89 0.00	51.00 2.12 0.00	64.52 2.43 0.00	71.84 3.00 0.00	72.24 3.33 0.00	68.07 2.99 0.00	67.07 2.61 0.00	65.02 2.54 0.00	50.74 2.16 0.00	45.95 1.93 0.00								
LONGIL 61762		42.66 2.50 -6.89	33.90 2.15 -3.07	31.18 2.17 -0.01	34.84 2.12 -4.31	34.44 2.24 -1.13	45.26 2.39 0.00	58.00 2.33 -0.06	64.37 3.81 -0.14	58.58 3.75 -0.91	61.96 3.77 -0.35	66.35 4.12 -0.31	57.72 3.67 -1.37	55.47 3.39 -1.82	54.56 3.40 -2.03	52.72 3.27 -2.53	54.60 3.49 -2.23	66.59 4.14 -0.36	76.88 5.13 -2.91	77.29 5.43 -2.95	73.03 4.94 -3.01	69.05 4.48 -0.11	67.00 4.42 -0.10	53.81 3.61 -1.62	49.58 3.12 -2.44								
MHK VL 61756		33.14 -0.13 0.00	28.53 -0.15 0.00	28.84 -0.16 0.00	28.25 -0.16 0.00	30.95 -0.12 0.00	42.88 0.01 0.00	55.96 0.35 0.00	60.95 0.53 0.00	54.32 0.40 0.00	58.37 0.53 0.00	62.49 0.57 0.00	53.06 0.38 0.00	50.62 0.36 0.00	49.43 0.30 0.00	47.18 0.26 0.00	49.14 0.26 0.00	62.66 0.57 0.00	69.62 0.78 0.00	69.76 0.85 0.00	65.79 0.71 0.00	65.10 0.64 0.00	62.93 0.45 0.00	48.71 0.13 0.00	43.90 -0.12 0.00								
MILLWD 61759		34.58 1.31 0.00	29.77 1.09 0.00	30.13 1.13 0.00	29.50 1.09 0.00	32.13 1.06 0.00	44.03 1.16 0.00	57.19 1.58 0.00	62.41 1.99 0.00	55.91 1.99 0.00	59.89 2.05 0.00	64.30 2.38 0.00	54.79 2.11 0.00	52.19 1.93 0.00	51.17 2.04 0.00	48.89 1.97 0.00	51.10 2.22 0.00	64.64 2.55 0.00	71.97 3.13 0.00	72.39 3.48 0.00	68.23 3.15 0.00	67.20 2.74 0.00	65.13 2.65 0.00	50.84 2.26 0.00	45.96 1.94 0.00								
N.Y.C. 61761		49.29 2.08 -13.94	30.57 1.74 -0.15	30.89 1.89 0.00	30.15 1.73 -0.01	32.98 1.91 0.00	45.24 2.37 0.00	58.77 3.15 -0.01	73.94 3.56 -9.96	81.93 3.39 -24.62	86.64 3.59 -25.21	88.28 3.99 -22.37	88.58 3.50 -32.40	84.28 3.24 -30.78	84.42 3.27 -32.02	86.35 3.15 -36.28	87.57 3.42 -35.27	92.11 4.16 -25.86	95.86 4.98 -22.04	90.20 5.28 -16.01	87.81 4.80 -17.93	77.25 4.44 -8.35	73.79 4.25 -7.06	66.69 3.56 -14.55	56.67 2.95 -9.70								
NORTH 61755		32.84 -0.43 0.00	28.30 -0.38 0.00	28.62 -0.38 0.00	28.03 -0.38 0.00	30.62 -0.45 0.00	42.33 -0.54 0.00	54.85 -0.76 0.00	59.34 -1.08 0.00	52.93 -0.99 0.00	56.81 -1.03 0.00	60.82 -1.10 0.00	51.74 -0.94 0.00	49.47 -0.79 0.00	48.35 -0.78 0.00	46.20 -0.72 0.00	48.14 -0.74 0.00	61.31 -0.78 0.00	67.49 -1.35 0.00	67.55 -1.36 0.00	64.08 -1.00 0.00	63.71 -0.75 0.00	61.69 -0.79 0.00	48.01 -0.57 0.00	44.03 0.01 0.00								
NPX 61845		34.01 1.40 0.66	32.00 1.20 -2.12	32.01 1.25 -1.76	32.00 1.22 -2.37	32.01 1.24 0.30	44.41 1.54 0.00	57.78 2.17 0.00	62.53 2.11 0.00	55.86 1.94 0.00	59.92 2.08 0.00	64.21 2.29 0.00	54.68 2.00 0.00	52.27 2.01 0.00	51.14 2.01 0.00	48.94 2.02 0.00	51.03 2.15 0.00	64.70 2.61 0.00	71.94 3.10 0.00	72.22 3.31 0.00	68.07 2.99 0.00	67.17 2.71 0.00	65.10 2.62 0.00	53.53 2.14 -2.81	43.10 1.89 2.81								

	27.50	26.30	26.36	25.91	27.50	40.00	49.55	55.83	49.88	53.44	57.03	48.52	46.19	45.10	42.93	44.38	57.00	64.37	64.02	60.00	59.88	57.73	47.70	35.71
61846	-2.66 3.11	-2.38 0.00	-2.64 0.00	-2.50 0.00	-2.49 1.08	-2.87 0.00	-6.06 0.00	-4.59 0.00	-4.04 0.00	-4.40 0.00	-4.89 0.00	-4.16 0.00	-4.07 0.00	-4.03 0.00	-3.99 0.00	-4.50 0.00	-5.09 0.00	-4.47 0.00	-4.89 0.00	-5.08 0.00	-4.58 0.00	-4.75 0.00	-3.69 -2.81	-5.50 2.81
PJM 61847	26.83 -3.33 3.11	25.44 -3.24 0.00	24.89 -3.65 0.46	24.89 -3.52 0.00	27.38 -2.61 1.08	41.20 -1.67 0.00	54.55 -1.06 0.00	60.18 -0.24 0.00	53.70 -0.22 0.00	57.55 -0.29 0.00	61.49 -0.43 0.00	52.00 -0.68 0.00	49.00 -1.26 0.00	47.31 -1.82 0.00	45.00 -1.92 0.00	46.09 -2.79 0.00	60.91 -1.18 0.00	69.25 0.41 0.00	68.22 -0.69 0.00	64.04 -1.04 0.00	63.62 -0.84 0.00	59.54 -2.94 0.00	48.38 -3.01 -2.81	35.00 -6.21 2.81
WEST 61752	30.73 -2.54 0.00	26.35 -2.33 0.00	26.35 -2.65 0.00	25.91 -2.50 0.00	28.70 -2.37 0.00	40.46 -2.41 0.00	50.77 -4.84 0.00	57.19 -3.23 0.00	51.11 -2.81 0.00	54.73 -3.11 0.00	58.40 -3.52 0.00	49.66 -3.02 0.00	47.18 -3.08 0.00	45.97 -3.16 0.00	43.73 -3.19 0.00	45.10 -3.78 0.00	58.31 -3.78 0.00	66.01 -2.83 0.00	65.53 -3.38 0.00	61.40 -3.68 0.00	61.26 -3.20 0.00	58.64 -3.84 0.00	45.51 -3.07 0.00	38.64 -5.38 0.00