

Day Ahead Market Zonal LBMP

Zonal Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										11/15/2004	
		00:00 EST CAPITL 61757	01:00 EST 48.78 2.40 0.00	02:00 EST 46.03 2.25 0.00	03:00 EST 45.25 2.02 0.00	04:00 EST 45.50 2.02 0.00	05:00 EST 49.42 2.42 0.00	06:00 EST 56.07 2.53 0.00	07:00 EST 64.76 2.79 0.00	08:00 EST 60.98 2.56 0.00	09:00 EST 60.05 2.59 0.00	10:00 EST 62.35 2.74 0.00	11:00 EST 65.94 3.05 0.00	12:00 EST 64.61 2.93 0.00	13:00 EST 62.84 2.98 0.00	14:00 EST 61.76 3.02 0.00	15:00 EST 57.47 2.76 0.00	16:00 EST 57.65 2.77 0.00	17:00 EST 66.84 3.18 0.00	18:00 EST 82.61 4.10 0.00	19:00 EST 77.63 3.94 0.00	20:00 EST 70.85 3.28 0.00	21:00 EST 64.41 2.97 0.00	22:00 EST 56.81 2.48 0.00	23:00 EST 51.59 1.99 0.00	53.73 2.52 0.00							
CENTRL 61754		44.53 -1.85 0.00	42.04 -1.74 0.00	41.36 -1.87 0.00	41.59 -1.89 0.00	45.28 -1.72 0.00	52.30 -1.24 0.00	61.06 -0.91 0.00	57.31 -1.11 0.00	56.37 -1.09 0.00	58.21 -1.40 0.00	61.37 -1.52 0.00	60.23 -1.45 0.00	58.34 -1.52 0.00	57.42 -1.32 0.00	53.45 -1.26 0.00	53.60 -1.28 0.00	62.01 -1.65 0.00	76.72 -1.79 0.00	72.41 -1.28 0.00	66.16 -1.41 0.00	60.01 -1.43 0.00	53.14 -1.19 0.00	48.06 -1.54 0.00	49.40 -1.81 0.00								
DUNWOD 61760		49.90 3.52 0.00	46.84 3.06 0.00	45.91 2.68 0.00	46.18 2.70 0.00	50.15 3.15 0.00	56.65 3.11 0.00	65.75 3.78 0.00	62.89 4.67 0.20	61.81 4.60 0.25	64.48 5.37 0.50	68.48 5.72 0.13	66.16 5.55 1.07	65.23 5.57 0.20	64.10 5.58 0.22	58.62 5.31 1.40	57.24 5.27 2.91	66.62 6.05 3.09	81.77 7.77 4.51	77.49 7.44 3.64	69.88 6.49 4.18	62.53 5.84 4.75	55.21 5.05 4.17	51.53 4.41 2.48	55.10 3.89 0.00								
GENESE 61753		44.99 -1.39 0.00	42.56 -1.22 0.00	41.85 -1.38 0.00	42.09 -1.39 0.00	45.79 -1.21 0.00	53.12 -0.42 0.00	61.04 -0.93 0.00	56.72 -1.70 0.00	55.78 -1.68 0.00	57.63 -1.98 0.00	60.77 -2.12 0.00	59.66 -2.02 0.00	57.78 -2.08 0.00	56.83 -1.91 0.00	53.04 -1.67 0.00	53.23 -1.65 0.00	61.28 -2.38 0.00	75.49 -3.02 0.00	71.82 -1.87 0.00	65.54 -2.03 0.00	59.34 -2.10 0.00	52.80 -1.53 0.00	47.72 -1.88 0.00	49.68 -1.53 0.00								
H Q 61844		46.06 -0.32 0.00	43.47 -0.31 0.00	43.14 -0.09 0.00	43.39 -0.09 0.00	45.08 -0.38 1.54	54.58 -0.43 -1.47	61.29 -0.68 0.00	57.60 -0.82 0.00	56.66 -0.80 0.00	58.72 -0.89 0.00	61.95 -0.94 0.00	60.75 -0.93 0.00	58.96 -0.90 0.00	57.68 -1.06 0.00	53.67 -1.04 0.00	53.84 -1.04 0.00	62.64 -1.02 0.00	77.18 -1.33 0.00	72.07 -1.62 0.00	66.35 -1.22 0.00	60.46 -0.98 0.00	53.35 -0.98 0.00	49.00 -0.60 0.00	50.85 -0.36 0.00								
HUD VL 61758		48.91 2.53 0.00	45.95 2.17 0.00	45.08 1.85 0.00	45.30 1.82 0.00	49.19 2.19 0.00	55.53 1.99 0.00	64.49 2.52 0.00	61.91 3.54 0.05	60.76 3.37 0.07	63.79 4.18 0.00	67.33 4.48 0.04	65.77 4.37 0.28	64.27 4.46 0.05	63.18 4.50 0.06	58.62 4.28 0.37	58.36 4.25 0.77	67.85 4.89 0.70	83.70 6.34 1.15	78.93 6.17 0.93	71.73 5.23 1.07	64.89 4.67 1.22	57.29 4.03 1.07	52.46 3.51 0.65	54.05 2.84 0.00								
LONGIL 61762		50.58 4.20 0.00	47.24 3.46 0.00	46.34 3.11 0.00	46.60 3.12 0.00	50.65 3.65 0.00	55.64 2.10 0.00	64.37 2.40 0.00	64.08 4.36 -1.30	63.58 4.50 -1.62	66.76 5.34 -1.81	69.32 5.55 -0.88	69.86 5.50 -2.68	66.75 5.56 -1.33	65.84 5.61 -1.49	64.04 5.29 -4.04	66.86 5.29 -6.69	75.72 5.93 -6.13	95.41 7.98 -8.92	88.96 8.07 -7.20	82.53 6.69 -8.27	76.97 6.13 -9.40	68.67 5.30 -9.04	60.35 4.31 -6.44	54.75 3.53 -0.01								
MHK VL 61756		46.38 0.00 0.00	43.75 -0.03 0.00	43.17 -0.06 0.00	43.43 -0.05 0.00	47.01 0.01 0.00	53.77 0.23 0.00	62.68 0.71 0.00	59.18 0.76 0.00	58.41 0.95 0.00	60.17 0.56 0.00	63.44 0.55 0.00	62.29 0.61 0.00	60.21 0.35 0.00	59.17 0.43 0.00	55.03 0.32 0.00	55.25 0.37 0.00	64.10 0.44 0.00	79.35 0.84 0.00	74.36 0.67 0.00	68.21 0.64 0.00	61.97 0.53 0.00	54.75 0.42 0.00	49.74 0.14 0.00	51.16 -0.05 0.00								
MILLWD 61759		49.40 3.02 0.00	46.39 2.61 0.00	45.48 2.25 0.00	45.70 2.22 0.00	49.63 2.63 0.00	56.03 2.49 0.00	65.04 3.07 0.00	62.23 4.03 0.22	61.00 3.94 0.40	63.88 4.68 0.41	67.66 5.03 0.26	65.54 4.87 1.01	64.46 4.91 0.31	63.35 4.96 0.35	58.09 4.70 1.32	57.08 4.69 2.49	66.49 5.34 2.51	81.77 6.91 3.65	77.41 6.67 2.95	69.92 5.74 3.39	62.72 5.13 3.85	55.40 4.45 3.38	51.38 3.89 2.11	54.43 3.33 0.11								
N.Y.C. 61761		50.50 4.12 0.00	47.44 3.66 0.00	46.48 3.25 0.00	46.72 3.24 0.00	50.75 3.75 0.00	57.40 3.86 0.00	66.58 4.61 0.00	69.11 5.48 -5.21	80.26 5.35 -17.45	78.37 6.14 -12.62	82.80 6.57 -13.34	82.70 6.41 -14.61	79.85 6.38 -13.61	79.82 6.40 -14.68	79.76 6.03 -19.02	78.10 6.02 -17.20	87.29 6.91 -16.72	99.32 8.85 -11.96	91.85 8.50 -9.66	86.09 7.43 -11.09	80.69 6.64 -12.61	71.22 5.81 -11.08	68.52 5.08 -13.84	64.91 4.58 -9.12								
NORTH 61755		45.92 -0.46 0.00	43.32 -0.46 0.00	43.05 -0.18 0.00	43.32 -0.16 0.00	46.48 -0.52 0.00	52.92 -0.62 0.00	60.96 -1.01 0.00	57.49 -0.93 0.00	56.63 -0.83 0.00	58.58 -1.03 0.00	61.77 -1.12 0.00	60.67 -1.01 0.00	58.79 -1.07 0.00	57.13 -1.61 0.00	53.06 -1.65 0.00	53.31 -1.57 0.00	62.35 -1.31 0.00	76.38 -2.13 0.00	70.57 -3.12 0.00	65.71 -1.86 0.00	59.93 -1.51 0.00	53.15 -1.18 0.00	48.85 -0.75 0.00	50.81 -0.40 0.00								
NPX 61845		48.75 2.37 0.00	45.97 2.19 0.00	45.13 1.90 0.00	45.39 1.91 0.00	47.72 2.26 1.54	57.20 2.19 -1.47	64.45 2.48 0.00	61.28 2.86 0.00	60.22 2.76 0.00	62.83 3.22 0.00	66.35 3.46 0.00	65.01 3.33 0.00	63.21 3.35 0.00	62.09 3.35 0.00	57.88 3.17 0.00	58.06 3.18 0.00	67.29 3.63 0.00	83.14 4.63 0.00	78.19 4.50 0.00	71.42 3.85 0.00	64.94 3.50 0.00	57.32 2.99 0.00	52.18 2.58 0.00	53.77 2.56 0.00								

H 61846	42.95 -3.43 0.00	40.58 -3.20 0.00	39.82 -3.41 0.00	40.05 -3.43 0.00	42.26 -3.20 1.54	52.92 -2.09 -1.47	57.69 -4.28 0.00	53.34 -5.08 0.00	52.40 -5.06 0.00	54.13 -5.48 0.00	57.04 -5.85 0.00	56.13 -5.55 0.00	54.41 -5.45 0.00	53.63 -5.11 0.00	50.06 -4.65 0.00	50.33 -4.55 0.00	57.55 -6.11 0.00	70.19 -8.32 0.00	67.35 -6.34 0.00	61.56 -6.01 0.00	55.79 -5.65 0.00	50.15 -4.18 0.00	45.63 -3.97 0.00	47.62 -3.59 0.00
PJM 61847	40.86 -5.52 0.00	38.75 -5.03 0.00	37.74 -5.49 0.00	38.00 -5.48 0.00	41.04 -4.42 1.54	53.03 -1.98 -1.47	61.78 -0.19 0.00	57.72 -0.70 0.00	56.48 -0.98 0.00	58.60 -1.01 0.00	61.76 -1.13 0.00	61.00 -0.68 0.00	58.78 -1.08 0.00	58.15 -0.59 0.00	54.27 -0.44 0.00	54.11 -0.77 0.00	62.00 -1.66 0.00	76.55 -1.96 0.00	72.81 -0.88 0.00	66.56 -1.01 0.00	60.46 -0.98 0.00	53.84 -0.49 0.00	47.67 -1.93 0.00	47.62 -3.59 0.00
WEST 61752	42.89 -3.49 0.00	40.54 -3.24 0.00	39.71 -3.52 0.00	39.94 -3.54 0.00	43.94 -3.06 0.00	52.01 -1.53 0.00	59.06 -2.91 0.00	54.72 -3.70 0.00	53.75 -3.71 0.00	55.69 -3.92 0.00	58.64 -4.25 0.00	57.75 -3.93 0.00	55.94 -3.92 0.00	55.16 -3.58 0.00	51.56 -3.15 0.00	51.81 -3.07 0.00	59.08 -4.58 0.00	72.31 -6.20 0.00	69.30 -4.39 0.00	63.28 -4.29 0.00	57.39 -4.05 0.00	51.48 -2.85 0.00	46.53 -3.07 0.00	48.11 -3.10 0.00