

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

09/12/2002

Name	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
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL 61757	30.77	26.38	25.58	23.84	24.66	28.04	32.10	33.18	35.84	41.06	41.72	43.64	43.65	45.76	45.93	47.33	45.65	45.06	42.14	43.94	44.95	37.79	31.96	33.54
	1.05	0.91	0.90	0.81	0.85	0.97	1.13	1.47	1.67	1.82	1.72	1.72	1.82	2.01	1.88	1.89	1.90	1.86	1.92	2.04	2.12	2.00	1.55	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL 61754	28.42	24.39	23.61	22.08	22.82	26.01	29.63	30.55	32.80	37.82	38.57	40.68	40.74	42.59	42.92	44.02	42.59	41.98	39.00	40.41	41.56	34.53	29.35	30.83
	-1.30	-1.08	-1.07	-0.95	-0.99	-1.06	-1.34	-1.16	-1.37	-1.42	-1.43	-1.24	-1.09	-1.16	-1.13	-1.42	-1.16	-1.22	-1.22	-1.49	-1.27	-1.26	-1.06	-1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD 61760	31.74	27.05	26.16	24.34	25.17	28.69	33.02	34.31	37.06	42.35	43.14	45.19	45.22	47.34	47.49	49.17	47.38	46.74	43.47	45.21	46.21	38.88	33.06	34.67
	2.02	1.58	1.48	1.31	1.36	1.62	2.04	2.50	2.80	3.06	3.04	3.27	3.39	3.59	3.44	3.73	3.63	3.54	3.22	3.31	3.38	3.04	2.49	2.32
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.10	-0.09	-0.05	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.05	-0.16	-0.10
GENESE 61753	27.69	23.91	23.17	21.80	22.47	25.61	28.42	29.45	31.65	36.95	37.75	39.96	40.01	41.62	42.03	42.94	41.56	40.96	38.11	39.32	40.71	33.98	28.69	29.79
	-2.03	-1.56	-1.51	-1.23	-1.34	-1.46	-2.55	-2.26	-2.52	-2.29	-2.25	-1.96	-1.82	-2.13	-2.02	-2.50	-2.19	-2.24	-2.11	-2.58	-2.12	-1.81	-1.72	-2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q 61844	29.69	25.44	24.66	23.01	23.79	27.04	31.00	31.42	33.96	38.97	39.84	41.54	41.33	43.22	43.65	45.12	43.27	42.72	39.82	41.61	42.36	35.32	30.01	32.15
	-0.03	-0.03	-0.02	-0.02	-0.02	-0.03	0.03	-0.29	-0.21	-0.27	-0.16	-0.38	-0.50	-0.53	-0.40	-0.32	-0.48	-0.48	-0.40	-0.29	-0.47	-0.47	-0.40	-0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL 61758	31.46	26.75	25.89	24.09	24.91	28.38	32.63	33.80	36.52	41.83	42.47	44.53	44.54	46.63	46.79	48.48	46.65	46.03	42.80	44.61	45.72	38.37	32.61	34.33
	1.74	1.28	1.21	1.06	1.10	1.31	1.66	2.09	2.35	2.59	2.47	2.61	2.71	2.88	2.74	3.04	2.90	2.83	2.58	2.71	2.89	2.58	2.20	2.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL 61762	37.08	36.63	34.17	24.67	25.51	34.16	37.22	38.37	39.54	41.93	42.75	45.20	45.28	47.57	54.52	54.53	54.54	49.54	45.56	51.56	46.36	44.62	41.00	38.29
	2.43	1.97	1.85	1.64	1.70	2.05	2.46	2.90	3.19	2.78	2.93	3.28	3.45	3.82	3.75	4.03	3.96	3.86	3.55	3.62	3.53	3.44	2.87	2.70
	-4.93	-9.19	-7.64	0.00	0.00	-5.04	-3.79	-3.76	-2.18	0.09	0.18	0.00	0.00	0.00	-6.72	-5.06	-6.83	-2.48	-1.79	-6.04	0.00	-5.39	-7.72	-3.34
MHK VL 61756	29.88	25.60	24.78	23.12	23.91	27.25	31.31	32.18	34.71	39.71	40.55	42.50	42.41	44.37	44.70	46.07	44.34	43.75	40.76	42.50	43.43	36.26	30.70	32.43
	0.16	0.13	0.10	0.09	0.10	0.18	0.34	0.47	0.54	0.47	0.55	0.58	0.58	0.62	0.65	0.63	0.59	0.55	0.54	0.60	0.60	0.47	0.29	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD 61759	31.37	26.73	25.88	24.08	24.89	28.35	32.63	33.82	36.54	41.83	42.54	44.64	44.65	46.74	46.89	48.55	46.79	46.13	42.91	44.68	45.68	38.38	32.52	34.17
	1.65	1.26	1.20	1.05	1.08	1.28	1.66	2.11	2.37	2.59	2.54	2.72	2.82	2.99	2.84	3.11	3.04	2.93	2.69	2.78	2.85	2.59	2.11	1.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C. 61761	32.07	27.38	26.49	24.62	25.46	29.05	33.97	41.63	43.40	46.54	50.20	47.19	47.47	48.98	50.13	50.97	50.13	49.77	46.66	47.43	48.55	43.80	42.33	39.89
	2.35	1.91	1.81	1.59	1.65	1.98	2.38	2.89	3.21	3.58	3.60	3.87	4.00	4.20	4.03	4.32	4.28	4.15	3.81	3.86	3.91	3.49	2.83	2.68
	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	-7.03	-6.02	-3.72	-6.60	-1.40	-1.64	-1.03	-2.05	-1.21	-2.10	-2.42	-2.63	-1.67	-1.81	-4.52	-9.09	-4.96
NORTH 61755	29.45	25.22	24.43	22.80	23.57	26.81	30.84	31.23	33.83	38.79	39.86	41.31	40.94	42.82	43.34	44.94	42.86	42.34	39.58	41.51	42.02	35.00	29.75	31.88
	-0.27	-0.25	-0.25	-0.23	-0.24	-0.26	-0.13	-0.48	-0.34	-0.45	-0.14	-0.61	-0.89	-0.93	-0.71	-0.50	-0.89	-0.86	-0.64	-0.39	-0.81	-0.79	-0.66	-0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX 61845	31.00	26.54	25.72	23.95	24.76	28.18	32.30	33.42	36.08	41.36	42.08	44.10	44.13	46.20	46.38	47.89	46.16	45.58	42.43	44.20	45.19	37.94	32.14	33.80
	1.28	1.07	1.04	0.92	0.95	1.11	1.33	1.71	1.91	2.12	2.08	2.18	2.30	2.45	2.33	2.45	2.41	2.38	2.21	2.30	2.36	2.15	1.73	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H 61846	26.84 -2.88 0.00	23.20 -2.27 0.00	22.43 -2.25 0.00	21.16 -1.87 0.00	21.81 -2.00 0.00	24.88 -2.19 0.00	26.94 -4.03 0.00	28.06 -3.65 0.00	29.97 -4.20 0.00	35.24 -4.00 0.00	36.00 -4.00 0.00	38.27 -3.65 0.00	38.32 -3.51 0.00	39.68 -4.07 0.00	40.17 -3.88 0.00	40.90 -4.54 0.00	39.77 -3.98 0.00	39.23 -3.97 0.00	36.56 -3.66 0.00	37.42 -4.48 0.00	39.06 -3.77 0.00	32.82 -2.97 0.00	27.76 -2.65 0.00	28.54 -3.71 0.00
PJM 61847	21.00 -3.98 4.74	19.00 -3.21 3.26	16.00 -3.16 5.52	16.00 -2.74 4.29	16.00 -2.93 4.88	19.99 -3.28 3.80	25.00 -4.43 1.54	28.22 -3.49 0.00	30.00 -4.17 0.00	35.00 -4.24 0.00	36.16 -3.84 0.00	39.11 -2.81 0.00	40.12 -1.71 0.00	42.00 -1.75 0.00	42.38 -1.67 0.00	42.53 -2.91 0.00	42.00 -1.75 0.00	41.30 -1.90 0.00	37.36 -2.86 0.00	38.00 -3.90 0.00	40.00 -2.83 0.00	32.00 -3.79 0.00	27.00 -3.41 0.00	20.00 -4.35 7.90
WEST 61752	26.58 -3.14 0.00	23.00 -2.47 0.00	22.24 -2.44 0.00	21.02 -2.01 0.00	21.64 -2.17 0.00	24.69 -2.38 0.00	26.86 -4.11 0.00	28.12 -3.59 0.00	29.92 -4.25 0.00	35.22 -4.02 0.00	36.10 -3.90 0.00	38.51 -3.41 0.00	38.68 -3.15 0.00	40.11 -3.64 0.00	40.66 -3.39 0.00	41.19 -4.25 0.00	40.20 -3.55 0.00	39.65 -3.55 0.00	36.75 -3.47 0.00	37.50 -4.40 0.00	39.34 -3.49 0.00	32.74 -3.05 0.00	27.64 -2.77 0.00	28.39 -3.86 0.00