

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

09/20/2002

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	38.04	31.65	30.85	27.10	28.09	34.72	39.45	39.70	42.89	45.83	49.10	50.69	51.66	51.60	52.03	52.14	51.70	48.39	47.25	49.67	52.06	47.28	45.36	43.69
61757	1.51	1.21	1.21	1.02	1.06	1.30	1.46	1.78	1.85	2.15	2.17	2.15	2.26	2.30	2.57	2.51	2.35	2.14	2.17	2.49	2.78	2.43	2.31	1.71
	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	35.14	29.31	28.47	25.10	26.03	32.22	36.54	36.71	39.75	42.29	45.69	47.32	48.30	48.10	48.25	48.32	47.99	44.89	43.79	45.71	47.52	43.36	41.53	40.62
61754	-1.39	-1.13	-1.17	-0.98	-1.00	-1.20	-1.45	-1.21	-1.29	-1.39	-1.24	-1.22	-1.10	-1.20	-1.21	-1.31	-1.36	-1.36	-1.29	-1.47	-1.76	-1.49	-1.52	-1.36
	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	39.05	32.47	31.54	27.70	28.68	35.49	40.51	40.98	44.42	47.47	50.91	52.83	53.82	53.81	54.07	54.19	53.87	50.38	49.03	51.47	54.01	48.98	47.01	44.96
61760	2.45	1.95	1.90	1.62	1.65	2.07	2.47	2.92	3.28	3.67	3.94	4.22	4.40	4.44	4.55	4.47	4.49	4.07	3.88	4.29	4.73	4.13	3.96	2.98
	-0.07	-0.08	0.00	0.00	0.00	0.00	-0.05	-0.14	-0.10	-0.12	-0.04	-0.07	-0.02	-0.07	-0.06	-0.09	-0.03	-0.06	-0.07	0.00	0.00	0.00	0.00	0.00
GENESE	34.25	28.60	27.71	24.59	25.41	31.37	35.45	36.07	39.02	41.46	45.15	46.66	47.84	47.44	47.59	47.59	47.23	44.16	43.07	44.57	46.35	42.71	40.60	39.69
61753	-2.28	-1.84	-1.93	-1.49	-1.62	-2.05	-2.54	-1.85	-2.02	-2.22	-1.78	-1.88	-1.56	-1.86	-1.87	-2.04	-2.12	-2.09	-2.01	-2.61	-2.93	-2.14	-2.45	-2.29
	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
H Q	36.42	30.35	29.55	26.00	26.95	33.32	38.10	37.69	40.75	43.29	46.46	47.96	48.71	48.66	48.77	49.03	48.81	45.79	44.67	46.76	48.74	44.31	42.53	41.69
61844	-0.11	-0.09	-0.09	-0.08	-0.08	-0.10	0.11	-0.23	-0.29	-0.39	-0.47	-0.58	-0.69	-0.64	-0.69	-0.60	-0.54	-0.46	-0.41	-0.42	-0.54	-0.54	-0.52	-0.29
	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
HUD VL	38.63	31.98	31.15	27.36	28.34	35.06	39.97	40.33	43.80	46.78	50.26	52.13	53.18	53.13	53.38	53.50	53.22	49.76	48.38	50.78	53.43	48.48	46.63	44.77
61758	2.10	1.54	1.51	1.28	1.31	1.64	1.98	2.41	2.76	3.10	3.33	3.59	3.78	3.83	3.92	3.87	3.87	3.51	3.30	3.60	4.15	3.63	3.58	2.79
	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	40.11	40.54	37.65	37.29	36.65	37.76	40.80	43.68	44.55	47.53	50.90	52.72	54.02	54.00	54.41	54.33	59.45	54.43	54.07	54.62	54.45	49.22	47.24	73.14
61762	2.79	2.37	2.32	1.99	2.00	2.52	2.91	3.30	3.70	4.08	4.05	4.32	4.65	4.83	5.07	4.88	5.03	4.35	4.13	4.77	5.17	4.37	4.19	3.19
	-0.79	-7.73	-5.69	-9.22	-7.62	-1.82	0.10	-2.46	0.19	0.23	0.08	0.14	0.03	0.13	0.12	0.18	-5.07	-3.83	-4.86	-2.67	0.00	0.00	0.00	-27.97
MHK VL	36.74	30.58	29.74	26.16	27.14	33.66	38.39	38.41	41.54	44.13	47.25	48.94	49.82	49.77	49.95	50.14	49.85	46.67	45.65	47.78	49.88	45.32	43.32	42.16
61756	0.21	0.14	0.10	0.08	0.11	0.24	0.40	0.49	0.50	0.45	0.32	0.40	0.42	0.47	0.49	0.51	0.50	0.42	0.57	0.60	0.60	0.47	0.27	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	38.50	31.98	31.15	27.36	28.34	35.06	39.97	40.33	43.77	46.76	50.24	52.06	53.13	53.07	53.34	53.42	53.17	49.69	48.35	50.79	53.44	48.46	46.51	44.48
61759	1.97	1.54	1.51	1.28	1.31	1.64	1.98	2.41	2.73	3.08	3.31	3.52	3.73	3.77	3.88	3.79	3.82	3.44	3.27	3.61	4.16	3.61	3.46	2.50
	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.	42.41	36.02	31.88	28.07	29.07	35.97	43.15	48.95	51.63	54.35	55.44	57.16	56.41	57.60	57.64	58.92	60.09	60.86	54.58	55.55	56.14	51.63	49.03	45.46
61761	2.89	2.29	2.24	1.99	2.04	2.55	2.91	3.43	3.82	4.23	4.55	4.86	5.08	5.12	5.23	5.16	5.16	4.70	4.50	4.97	5.32	4.65	4.51	3.48
	-2.99	-3.29	0.00	0.00	0.00	0.00	-2.25	-7.60	-6.77	-6.44	-3.96	-3.76	-1.93	-3.18	-2.95	-4.13	-5.58	-9.91	-5.00	-3.40	-1.54	-2.13	-1.47	0.00
NORTH	36.09	30.06	29.27	25.74	26.66	33.02	37.97	37.60	40.59	42.99	46.00	47.49	48.19	48.21	48.35	48.66	48.39	45.43	44.33	46.44	48.47	43.89	42.14	41.14
61755	-0.44	-0.38	-0.37	-0.34	-0.37	-0.40	-0.02	-0.32	-0.45	-0.69	-0.93	-1.05	-1.21	-1.09	-1.11	-0.97	-0.96	-0.82	-0.75	-0.74	-0.81	-0.96	-0.91	-0.84
	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	38.25	31.81	31.00	27.23	28.22	34.89	39.70	39.89	43.26	46.17	49.56	51.31	52.26	52.21	52.53	52.61	52.31	48.93	47.65	50.01	52.48	47.63	45.72	43.99
61845	1.72	1.37	1.36	1.15	1.19	1.47	1.71	1.97	2.22	2.49	2.63	2.77	2.86	2.91	3.07	2.98	2.96	2.68	2.57	2.83	3.20	2.78	2.67	2.01
	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	33.28 -3.25 0.00	27.97 -2.47 0.00	27.09 -2.55 0.00	24.10 -1.98 0.00	25.00 -2.03 0.00	30.65 -2.77 0.00	33.74 -4.25 0.00	34.70 -3.22 0.00	37.26 -3.78 0.00	39.31 -4.37 0.00	42.94 -3.99 0.00	44.22 -4.32 0.00	45.45 -3.95 0.00	44.81 -4.49 0.00	44.86 -4.60 0.00	44.82 -4.81 0.00	44.51 -4.84 0.00	41.76 -4.49 0.00	40.93 -4.15 0.00	42.37 -4.81 0.00	44.01 -5.27 0.00	41.22 -3.63 0.00	39.22 -3.83 0.00	38.50 -3.48 0.00
PJM 61847	22.00 -4.53 10.00	21.01 -3.59 5.84	20.00 -3.68 5.96	20.00 -3.10 2.98	20.01 -3.16 3.86	19.99 -3.98 9.45	25.00 -4.82 8.17	34.01 -3.91 0.00	36.77 -4.27 0.00	39.09 -4.59 0.00	43.60 -3.33 0.00	45.48 -3.06 0.00	46.88 -2.52 0.00	46.49 -2.81 0.00	46.49 -2.97 0.00	46.45 -3.18 0.00	46.14 -3.21 0.00	43.24 -3.01 0.00	42.19 -2.89 0.00	43.83 -3.35 0.00	41.67 -5.37 2.24	34.01 -4.48 6.36	24.99 -4.56 13.50	18.00 -4.41 19.57
WEST 61752	33.21 -3.32 0.00	27.91 -2.53 0.00	27.02 -2.62 0.00	24.01 -2.07 0.00	24.92 -2.11 0.00	30.60 -2.82 0.00	33.80 -4.19 0.00	34.81 -3.11 0.00	37.40 -3.64 0.00	39.44 -4.24 0.00	43.33 -3.60 0.00	44.67 -3.87 0.00	45.96 -3.44 0.00	45.36 -3.94 0.00	45.37 -4.09 0.00	45.28 -4.35 0.00	45.00 -4.35 0.00	42.24 -4.01 0.00	41.32 -3.76 0.00	42.76 -4.42 0.00	44.13 -5.15 0.00	41.21 -3.64 0.00	39.19 -3.86 0.00	38.46 -3.52 0.00