

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

05/20/2003

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	29.06	24.07	22.76	22.63	23.43	31.51	51.84	56.25	56.25	57.93	61.00	62.89	63.21	63.21	60.84	63.59	63.06	60.74	56.11	55.31	63.06	53.36	42.77	35.01
61757	1.13	0.86	0.81	0.84	0.88	1.18	2.23	2.50	2.64	2.70	2.96	3.07	3.09	3.09	2.85	3.02	3.00	3.01	2.75	2.74	3.00	2.69	1.88	1.32
	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	26.77	22.34	21.12	20.97	21.69	29.21	48.10	52.67	52.46	53.98	57.06	58.84	59.10	59.09	56.72	59.22	58.58	56.28	51.97	51.18	58.77	49.64	39.64	32.16
61754	-1.16	-0.87	-0.83	-0.82	-0.86	-1.12	-1.51	-1.08	-1.15	-1.25	-0.98	-0.98	-1.02	-1.03	-1.27	-1.35	-1.48	-1.45	-1.39	-1.39	-1.29	-1.03	-1.25	-1.53
	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	29.86	24.67	23.29	23.10	23.93	32.24	53.58	58.16	58.27	60.26	63.26	65.14	65.53	65.59	63.27	66.08	65.53	63.21	58.38	57.56	65.17	55.59	44.71	36.42
61760	1.93	1.46	1.34	1.31	1.38	1.91	3.97	4.41	4.66	5.03	5.22	5.32	5.41	5.47	5.28	5.51	5.47	5.48	5.02	4.99	5.11	4.92	3.72	2.73
	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	-0.10	0.00
GENESE	25.46	21.74	20.52	20.40	21.07	28.33	46.22	50.72	50.22	51.72	54.74	56.49	56.75	56.70	54.50	56.75	56.07	53.95	49.74	48.93	56.17	47.92	38.66	31.09
61753	-2.47	-1.47	-1.43	-1.39	-1.48	-2.00	-3.39	-3.03	-3.39	-3.51	-3.30	-3.33	-3.37	-3.42	-3.49	-3.82	-3.99	-3.78	-3.62	-3.64	-3.89	-2.75	-2.23	-2.60
	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	27.32	23.21	21.95	21.79	22.55	30.33	49.16	53.05	52.86	54.51	57.23	58.98	59.28	59.28	57.18	59.72	59.28	56.86	52.61	51.83	59.28	49.71	39.24	34.48
61844	0.00	0.00	0.00	0.00	0.00	0.00	-0.45	-0.70	-0.75	-0.72	-0.81	-0.84	-0.84	-0.84	-0.81	-0.85	-0.78	-0.87	-0.75	-0.74	-0.78	-0.96	-0.49	0.00
	0.61	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	1.16	-0.79	
HUD VL	29.65	24.52	23.15	22.95	23.76	31.96	53.08	57.44	57.59	59.51	62.53	64.44	64.82	64.85	62.52	65.29	64.76	62.42	57.68	56.84	64.46	54.87	44.04	36.00
61758	1.72	1.31	1.20	1.16	1.21	1.63	3.47	3.69	3.98	4.28	4.49	4.62	4.70	4.73	4.53	4.72	4.70	4.69	4.32	4.27	4.40	4.20	3.15	2.31
	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	29.90	24.83	23.34	23.16	24.08	32.82	54.59	59.22	59.85	62.01	65.25	66.95	67.40	67.46	65.98	68.03	67.61	67.57	67.63	67.58	71.71	67.60	60.37	56.73
61762	1.97	1.62	1.39	1.37	1.53	2.49	4.98	5.47	6.24	6.65	7.21	7.13	7.28	7.34	7.41	7.46	7.55	8.05	7.53	7.42	6.78	6.39	4.77	3.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	-0.58	0.00	0.00	-1.79	-6.74	-7.59	-4.87	-10.54	-14.71	-19.47
MHK VL	27.89	23.16	21.89	21.74	22.50	30.33	49.86	54.30	54.22	55.83	58.90	60.69	60.98	60.97	58.55	61.15	60.62	58.24	53.83	53.02	60.73	51.12	41.02	33.63
61756	-0.04	-0.05	-0.06	-0.05	-0.05	0.00	0.25	0.55	0.61	0.60	0.86	0.87	0.86	0.85	0.56	0.58	0.56	0.51	0.47	0.45	0.67	0.45	0.13	-0.06
	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	29.51	24.38	23.03	22.82	23.63	31.85	52.91	57.38	57.55	59.51	62.42	64.33	64.72	64.72	62.42	65.20	64.71	62.37	57.65	56.80	64.35	54.85	44.14	35.98
61759	1.58	1.17	1.08	1.03	1.08	1.52	3.30	3.63	3.94	4.28	4.38	4.51	4.60	4.60	4.43	4.63	4.65	4.64	4.29	4.23	4.29	4.18	3.17	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	-0.08	0.00
N.Y.C.	30.20	24.97	23.56	23.36	24.18	32.61	58.09	61.91	62.77	64.12	65.77	67.43	67.76	67.79	66.17	68.48	68.07	65.71	62.56	62.09	67.31	61.01	48.12	43.71
61761	2.27	1.76	1.61	1.57	1.63	2.28	4.66	5.12	5.39	5.80	5.99	6.14	6.23	6.27	6.05	6.27	6.27	6.24	5.70	5.65	5.78	5.57	4.31	3.19
	0.00	0.00	0.00	0.00	0.00	0.00	-3.82	-3.04	-3.77	-3.09	-1.74	-1.47	-1.41	-1.40	-2.13	-1.64	-1.74	-1.74	-3.50	-3.87	-1.47	-4.77	-2.92	-6.83
NORTH	27.75	23.04	21.79	21.63	22.39	30.12	48.74	52.83	52.65	54.27	56.97	58.72	59.01	59.01	56.95	59.48	59.04	56.56	52.36	51.58	59.10	49.27	40.09	33.48
61755	-0.18	-0.17	-0.16	-0.16	-0.16	-0.21	-0.87	-0.92	-0.96	-0.96	-1.07	-1.10	-1.11	-1.11	-1.04	-1.09	-1.02	-1.17	-1.00	-0.99	-0.96	-1.40	-0.80	-0.21
	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	28.63	24.21	22.89	22.71	23.52	31.60	52.19	56.49	56.50	58.32	61.23	63.11	63.49	63.49	61.24	63.96	63.42	61.14	56.46	55.67	63.30	53.71	41.98	36.16
61845	1.31	1.00	0.94	0.92	0.97	1.27	2.58	2.74	2.89	3.09	3.19	3.29	3.37	3.37	3.25	3.39	3.36	3.41	3.10	3.10	3.24	3.04	2.25	1.68
	0.61	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	1.16	-0.79

PJM 61846	23.72 -3.60 0.61	20.66 -2.55 0.00	19.51 -2.44 0.00	19.44 -2.35 0.00	20.00 -2.55 0.00	26.63 -3.70 0.00	43.26 -6.35 0.00	47.51 -6.24 0.00	46.32 -7.29 0.00	47.55 -7.68 0.00	50.15 -7.89 0.00	51.74 -8.08 0.00	51.94 -8.18 0.00	51.94 -8.18 0.00	49.99 -8.00 0.00	52.15 -8.42 0.00	51.47 -8.59 0.00	49.65 -8.08 0.00	45.78 -7.58 0.00	45.05 -7.52 0.00	51.59 -8.47 0.00	44.74 -5.93 0.00	35.27 -4.46 1.16	29.60 -4.88 -0.79
PJM 61847	24.50 -2.82 0.61	21.05 -2.16 0.00	20.00 -1.95 0.00	20.00 -1.79 0.00	20.57 -1.98 0.00	27.90 -2.43 0.00	46.58 -3.03 0.00	52.51 -1.24 0.00	52.38 -1.23 0.00	53.24 -1.99 0.00	57.00 -1.04 0.00	58.80 -1.02 0.00	59.10 -1.02 0.00	59.04 -1.08 0.00	56.02 -1.97 0.00	58.45 -2.12 0.00	57.48 -2.58 0.00	54.79 -2.94 0.00	50.48 -2.88 0.00	49.68 -2.89 0.00	58.50 -1.56 0.00	48.90 -1.77 0.00	36.54 -3.19 1.16	30.10 -4.38 -0.79
WEST 61752	24.66 -3.27 0.00	20.94 -2.27 0.00	19.78 -2.17 0.00	19.72 -2.07 0.00	20.29 -2.26 0.00	27.14 -3.19 0.00	44.29 -5.32 0.00	49.37 -4.38 0.00	48.34 -5.27 0.00	49.53 -5.70 0.00	52.54 -5.50 0.00	54.21 -5.61 0.00	54.43 -5.69 0.00	54.42 -5.70 0.00	52.09 -5.90 0.00	54.29 -6.28 0.00	53.52 -6.54 0.00	51.46 -6.27 0.00	47.45 -5.91 0.00	46.70 -5.87 0.00	53.83 -6.23 0.00	46.36 -4.31 0.00	37.27 -3.62 0.00	29.12 -4.57 0.00