

# Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/03/2004

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	45.89	43.89	40.42	35.64	36.67	42.01	44.86	52.64	52.82	58.91	59.57	61.25	64.45	67.98	69.63	72.83	71.32	68.39	61.03	58.76	60.80	59.23	53.71	52.06
61757	2.75	2.60	2.35	2.05	2.25	2.60	2.69	3.06	3.08	3.47	3.60	3.97	4.39	4.65	4.67	5.07	4.99	4.69	4.00	3.92	4.08	3.98	3.21	2.71
	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	42.11	40.14	36.98	32.68	33.45	38.29	40.98	48.82	49.12	54.74	55.28	56.89	59.66	62.94	64.76	67.41	65.93	63.33	56.39	54.11	56.08	55.14	49.97	48.02
61754	-1.03	-1.15	-1.09	-0.91	-0.97	-1.12	-1.19	-0.76	-0.62	-0.70	-0.69	-0.39	-0.40	-0.39	-0.20	-0.35	-0.40	-0.37	-0.64	-0.73	-0.64	-0.11	-0.53	-1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.29	45.34	41.53	36.45	37.35	42.72	46.44	54.29	54.18	60.77	61.50	63.44	66.83	70.76	72.59	76.34	74.74	71.41	63.32	60.77	62.85	61.25	56.60	54.56
61760	3.75	3.59	3.27	2.86	2.93	3.27	3.84	5.11	5.02	5.60	6.04	6.64	7.15	7.66	7.79	8.60	8.49	8.09	6.73	6.20	6.30	6.24	5.45	4.54
	-0.40	-0.46	-0.19	0.00	0.00	-0.04	-0.43	0.40	0.58	0.27	0.51	0.48	0.38	0.23	0.16	0.02	0.08	0.38	0.44	0.27	0.17	0.24	-0.65	-0.67
GENESE	40.85	38.89	35.91	31.68	32.40	37.17	39.12	47.43	47.48	52.89	54.18	56.06	58.66	61.69	63.58	65.88	64.44	62.04	55.11	52.66	54.95	54.60	49.04	46.58
61753	-2.29	-2.40	-2.16	-1.91	-2.02	-2.24	-3.05	-2.15	-2.26	-2.55	-1.79	-1.22	-1.40	-1.64	-1.38	-1.88	-1.89	-1.66	-1.92	-2.18	-1.77	-0.65	-1.46	-2.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.41	40.63	37.46	33.05	33.87	38.82	41.58	48.34	48.50	54.05	54.51	55.56	58.20	61.37	62.82	65.32	63.94	61.47	55.26	53.19	54.96	53.15	48.88	48.51
61844	-0.73	-0.66	-0.61	-0.54	-0.55	-0.59	-0.59	-1.24	-1.24	-1.39	-1.46	-1.72	-1.86	-1.96	-2.14	-2.44	-2.39	-2.23	-1.77	-1.65	-1.76	-2.10	-1.62	-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
HUD VL	45.75	43.84	40.38	35.63	36.50	41.69	44.96	53.36	53.58	59.67	60.66	62.53	65.80	69.48	71.24	74.85	73.32	70.28	62.44	59.76	61.65	60.09	54.68	52.72
61758	2.61	2.55	2.31	2.04	2.08	2.28	2.79	3.92	3.84	4.23	4.69	5.25	5.74	6.15	6.28	7.09	6.99	6.58	5.41	4.92	4.93	4.84	4.18	3.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	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	58.08	57.04	56.66	55.72	53.35	54.88	55.69	58.50	61.35	69.12	74.91	75.32	92.11	90.25	88.36	88.54	88.62	88.62	85.03	74.91	75.17	73.82	67.40	65.37
61762	4.71	4.54	4.16	3.68	3.76	4.19	4.76	6.17	5.90	6.31	6.76	7.26	7.93	8.49	8.70	9.62	9.47	8.98	7.53	6.89	6.94	6.99	6.08	5.22
	-10.23	-11.21	-14.43	-18.45	-15.17	-11.28	-8.76	-2.75	-5.71	-7.37	-12.18	-10.78	-24.12	-18.43	-14.70	-11.16	-12.82	-15.94	-20.47	-13.18	-11.51	-11.58	-10.82	-10.80
MHK VL	43.46	41.53	38.24	33.75	34.58	39.65	42.63	50.20	50.47	56.37	56.93	58.37	61.26	64.65	66.21	68.98	67.50	64.89	57.99	55.69	57.60	56.02	51.12	49.67
61756	0.32	0.24	0.17	0.16	0.16	0.24	0.46	0.62	0.73	0.93	0.96	1.09	1.20	1.32	1.25	1.22	1.17	1.19	0.96	0.85	0.88	0.77	0.62	0.32
	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
MILLWD	46.49	44.60	40.90	35.92	36.81	42.14	45.68	53.57	53.51	59.88	60.66	62.51	65.82	69.67	71.45	75.15	73.58	70.34	62.38	59.89	61.92	60.30	55.63	53.63
61759	3.04	2.95	2.68	2.33	2.39	2.70	3.18	4.31	4.22	4.65	5.09	5.61	6.06	6.52	6.62	7.41	7.32	6.94	5.70	5.26	5.33	5.24	4.62	3.75
	-0.31	-0.36	-0.15	0.00	0.00	-0.03	-0.33	0.32	0.45	0.21	0.40	0.38	0.30	0.18	0.13	0.02	0.07	0.30	0.35	0.21	0.13	0.19	-0.51	-0.53
N.Y.C.	64.83	63.05	56.95	51.78	52.23	55.65	63.79	65.52	71.45	86.97	90.20	89.02	112.36	100.61	103.13	103.31	104.52	94.84	90.64	86.40	79.12	79.27	76.27	74.74
61761	4.36	4.18	3.82	3.35	3.42	3.85	4.42	5.83	5.70	6.29	6.73	7.37	7.89	8.46	8.64	9.52	9.37	8.91	7.45	6.89	7.06	6.99	6.19	5.22
	-17.33	-17.58	-15.06	-14.84	-14.39	-12.39	-17.20	-10.11	-16.01	-25.24	-27.50	-24.37	-44.41	-28.82	-29.53	-26.03	-28.82	-22.23	-26.16	-24.67	-15.34	-17.03	-19.58	-20.17
NORTH	41.61	39.90	36.79	32.46	33.26	38.13	41.00	47.65	47.81	53.29	53.72	54.73	57.27	60.38	61.70	63.87	62.49	60.11	54.41	52.34	54.10	51.96	47.89	47.57
61755	-1.53	-1.39	-1.28	-1.13	-1.16	-1.28	-1.17	-1.93	-1.93	-2.15	-2.25	-2.55	-2.79	-2.95	-3.26	-3.89	-3.84	-3.59	-2.62	-2.50	-2.62	-3.29	-2.61	-1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.77	43.81	40.39	35.61	36.52	41.81	44.83	53.00	53.12	59.15	60.00	61.69	64.86	68.40	70.09	73.45	71.90	68.99	61.54	59.06	61.03	59.45	54.14	52.36
61845	2.63	2.52	2.32	2.02	2.10	2.40	2.66	3.42	3.38	3.71	4.03	4.41	4.80	5.07	5.13	5.69	5.57	5.29	4.51	4.22	4.31	4.20	3.64	3.01
	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

OH 61846	39.00 -4.14 0.00	37.00 -4.29 0.00	34.00 -4.07 0.00	30.00 -3.59 0.00	30.63 -3.79 0.00	35.08 -4.33 0.00	36.10 -6.07 0.00	45.07 -4.51 0.00	45.11 -4.63 0.00	50.34 -5.10 0.00	51.49 -4.48 0.00	53.33 -3.95 0.00	56.34 -3.72 0.00	59.02 -4.31 0.00	60.93 -4.03 0.00	62.75 -5.01 0.00	61.55 -4.78 0.00	59.69 -4.01 0.00	53.04 -3.99 0.00	50.67 -4.17 0.00	52.64 -4.08 0.00	53.15 -2.10 0.00	47.27 -3.23 0.00	44.37 -4.98 0.00
PJM 61847	40.51 -2.63 0.00	38.44 -2.85 0.00	35.37 -2.70 0.00	31.31 -2.28 0.00	31.87 -2.55 0.00	35.90 -3.51 0.00	38.46 -3.71 0.00	47.84 -1.74 0.00	48.15 -1.59 0.00	53.94 -1.50 0.00	55.13 -0.84 0.00	58.31 1.03 0.00	62.46 2.40 0.00	66.31 2.98 0.00	68.92 3.96 0.00	72.16 4.40 0.00	70.77 4.44 0.00	68.10 4.40 0.00	58.63 1.60 0.00	55.33 0.49 0.00	57.63 0.91 0.00	57.63 2.38 0.00	49.19 -1.31 0.00	46.14 -3.21 0.00
WEST 61752	39.59 -3.55 0.00	37.51 -3.78 0.00	34.52 -3.55 0.00	30.47 -3.12 0.00	31.08 -3.34 0.00	35.50 -3.91 0.00	36.73 -5.44 0.00	45.96 -3.62 0.00	46.14 -3.60 0.00	51.53 -3.91 0.00	52.74 -3.23 0.00	54.86 -2.42 0.00	58.10 -1.96 0.00	60.99 -2.34 0.00	63.05 -1.91 0.00	64.98 -2.78 0.00	63.71 -2.62 0.00	61.82 -1.88 0.00	54.59 -2.44 0.00	52.08 -2.76 0.00	54.10 -2.62 0.00	54.52 -0.73 0.00	48.05 -2.45 0.00	45.06 -4.29 0.00