

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

07/31/2003

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 61757	49.69 1.90 0.00	42.91 1.66 0.00	40.07 1.56 0.00	39.74 1.58 0.00	39.58 1.58 0.00	43.79 1.80 0.00	46.53 1.96 0.00	47.59 2.37 0.01	50.05 2.71 0.05	47.29 2.56 0.00	54.66 3.11 0.00	55.02 3.30 0.00	55.33 3.35 0.00	56.84 3.42 0.00	56.87 3.44 0.00	59.76 3.94 0.00	59.47 3.83 0.00	59.71 3.90 0.00	56.69 3.55 0.00	53.37 3.12 0.00	53.84 3.25 0.00	54.91 3.38 0.00	50.41 2.49 0.00	49.97 2.35 0.00
CENTRL 61754	46.37 -1.42 0.00	40.01 -1.24 0.00	37.40 -1.11 0.00	37.06 -1.10 0.00	36.91 -1.09 0.00	40.80 -1.19 0.00	43.41 -1.16 0.00	44.09 -1.02 0.12	46.12 -1.11 0.16	43.53 -1.20 0.00	50.24 -1.31 0.00	50.50 -1.22 0.00	50.78 -1.20 0.00	52.28 -1.14 0.00	52.27 -1.16 0.00	54.75 -1.07 0.00	54.65 -0.99 0.00	54.93 -0.88 0.00	51.81 -1.33 0.00	48.90 -1.35 0.00	49.24 -1.35 0.00	50.41 -1.11 0.01	46.85 -1.07 0.00	46.09 -1.48 0.05
DUNWOD 61760	50.42 2.63 0.00	43.64 2.39 0.00	40.74 2.23 0.00	40.45 2.29 0.00	40.24 2.24 0.00	44.59 2.60 0.00	47.56 2.99 0.00	49.19 3.80 -0.16	51.88 4.31 -0.18	49.65 4.38 -0.54	56.96 5.15 -0.26	57.36 5.43 -0.21	57.59 5.41 -0.20	59.19 5.56 -0.21	59.38 5.66 -0.29	62.59 6.53 -0.24	62.28 6.23 -0.41	61.86 5.92 -0.13	58.78 5.47 -0.17	55.50 5.02 -0.23	55.87 5.11 -0.17	57.03 5.26 -0.24	52.25 4.07 -0.26	51.25 3.52 -0.11
GENESE 61753	45.25 -2.54 0.00	39.43 -1.82 0.00	37.08 -1.43 0.00	36.71 -1.45 0.00	36.59 -1.41 0.00	40.23 -1.76 0.00	42.63 -1.94 0.00	43.00 -2.08 0.15	45.30 -1.96 0.13	42.52 -2.21 0.00	48.97 -2.58 0.00	49.17 -2.55 0.00	49.39 -2.59 0.00	50.97 -2.45 0.00	50.88 -2.55 0.00	53.46 -2.36 0.00	53.25 -2.39 0.00	53.50 -2.31 0.00	50.52 -2.62 0.00	47.45 -2.80 0.00	47.77 -2.82 0.00	49.31 -2.25 -0.03	46.13 -1.79 0.00	44.84 -2.73 0.05
H Q 61844	40.00 -0.29 7.50	40.00 -0.29 0.96	38.16 -0.35 0.00	37.78 -0.38 0.00	37.62 -0.38 0.00	41.53 -0.46 0.00	44.04 -0.53 0.00	42.30 -0.95 1.98	47.03 -1.14 -0.78	48.23 -0.98 -4.48	50.48 -1.19 -0.12	50.43 -1.29 0.00	50.73 -1.25 0.00	52.14 -1.28 0.00	52.15 -1.28 0.00	54.15 -1.67 0.00	54.14 -1.50 0.00	54.25 -1.56 0.00	51.92 -1.22 0.00	49.14 -1.11 0.00	49.94 -1.11 -0.46	49.78 -1.34 0.41	46.55 -1.01 0.36	47.00 -0.62 0.00
HUD VL 61758	49.60 1.81 0.00	42.92 1.67 0.00	40.05 1.54 0.00	39.77 1.61 0.00	39.60 1.60 0.00	43.83 1.84 0.00	46.73 2.16 0.00	48.29 3.12 0.06	50.90 3.57 0.06	48.37 3.64 0.00	55.85 4.30 0.00	56.26 4.54 0.00	56.47 4.49 0.00	58.04 4.62 0.00	58.15 4.72 0.00	61.39 5.57 0.00	60.90 5.26 0.00	60.79 4.98 0.00	57.75 4.61 0.00	54.48 4.23 0.00	54.85 4.26 0.00	55.95 4.42 0.00	51.17 3.25 0.00	50.36 2.76 0.02
LONGIL 61762	53.06 3.41 -1.86	49.37 3.27 -4.85	46.32 3.03 -4.78	43.68 3.10 -2.42	45.08 3.08 -4.00	46.04 3.48 -0.57	51.12 3.87 -2.68	53.29 4.64 -3.42	55.45 5.08 -2.98	57.09 5.04 -7.32	61.34 5.82 -3.97	62.97 6.19 -5.06	64.99 6.05 -6.96	66.14 6.22 -6.50	68.67 6.34 -8.90	71.71 7.20 -8.69	72.48 6.97 -9.87	70.78 6.66 -8.31	66.84 6.19 -7.51	63.74 5.76 -7.73	63.14 5.82 -6.73	62.96 5.97 -5.46	58.63 4.71 -6.00	56.87 4.19 -5.06
MHK VL 61756	48.15 0.36 0.00	41.52 0.27 0.00	38.73 0.22 0.00	38.31 0.15 0.00	38.16 0.16 0.00	42.21 0.22 0.00	45.02 0.45 0.00	45.67 0.47 0.03	47.93 0.57 0.03	45.14 0.41 0.00	51.83 0.28 0.00	51.97 0.25 0.00	52.27 0.29 0.00	53.76 0.34 0.00	53.88 0.45 0.00	56.39 0.57 0.00	56.24 0.60 0.00	56.43 0.62 0.00	53.74 0.60 0.00	50.73 0.48 0.00	51.08 0.49 0.00	52.27 0.74 0.00	48.49 0.57 0.00	48.05 0.44 0.01
MILLWD 61759	49.77 1.98 0.00	43.08 1.83 0.00	40.18 1.67 0.00	39.93 1.77 0.00	39.75 1.75 0.00	44.01 2.02 0.00	46.91 2.34 0.00	48.54 3.19 -0.12	51.20 3.67 -0.14	48.95 3.78 -0.44	56.22 4.46 -0.21	56.59 4.70 -0.17	56.79 4.65 -0.16	58.39 4.80 -0.17	58.53 4.86 -0.24	61.71 5.69 -0.20	61.43 5.45 -0.34	61.04 5.13 -0.10	58.03 4.75 -0.14	54.78 4.34 -0.19	55.13 4.40 -0.14	56.26 4.53 -0.20	51.53 3.40 -0.21	50.59 2.88 -0.09
N.Y.C. 61761	56.92 3.25 -5.88	50.05 2.93 -5.87	47.58 2.68 -6.39	47.38 2.74 -6.48	47.26 2.72 -6.54	50.26 3.12 -5.15	55.46 3.58 -7.31	59.65 4.36 -10.06	62.20 4.89 -9.92	65.62 4.92 -15.97	65.14 5.79 -7.80	67.99 6.09 -10.18	68.58 6.05 -10.55	70.89 6.21 -11.26	73.03 6.29 -13.31	75.67 7.18 -12.67	79.91 6.91 -17.36	72.93 6.58 -10.54	66.42 6.14 -7.14	64.19 5.64 -8.30	63.77 5.72 -7.46	66.21 5.90 -8.78	62.62 4.67 -10.03	59.69 4.10 -7.97
NORTH 61755	47.21 -0.58 0.00	40.69 -0.56 0.00	37.86 -0.65 0.00	37.41 -0.75 0.00	37.26 -0.74 0.00	41.13 -0.86 0.00	43.76 -0.81 0.00	43.98 -1.25 0.00	45.93 -1.46 0.00	43.40 -1.33 0.00	49.91 -1.64 0.00	49.90 -1.82 0.00	50.18 -1.80 0.00	51.55 -1.87 0.00	51.67 -1.76 0.00	53.57 -2.25 0.00	53.75 -1.89 0.00	53.77 -2.04 0.00	51.59 -1.55 0.00	48.68 -1.57 0.00	49.06 -1.53 0.00	49.78 -1.75 0.00	46.62 -1.30 0.00	46.66 -0.96 0.00
NPX 61845	42.06 1.77 7.50	41.86 1.57 0.96	40.01 1.50 0.00	39.69 1.53 0.00	39.52 1.52 0.00	43.71 1.72 0.00	46.44 1.87 0.00	45.60 2.35 1.98	50.77 2.65 -0.73	51.85 2.64 -4.48	54.87 3.20 -0.12	55.19 3.47 0.00	55.36 3.38 0.00	56.89 3.47 0.00	56.96 3.53 0.00	59.89 4.07 0.00	59.53 3.89 0.00	59.55 3.74 0.00	56.59 3.45 0.00	53.37 3.12 0.00	54.24 3.19 -0.46	54.37 3.25 0.41	49.96 2.40 0.36	49.84 2.24 0.02

H 61846	35.03	33.39	31.81	31.50	31.44	34.01	35.00	34.98	39.79	43.03	44.39	44.32	44.50	45.89	45.84	48.01	47.85	48.11	45.54	43.01	43.71	43.91	42.00	40.37
	-5.26	-4.78	-4.20	-4.16	-4.10	-4.74	-5.57	-5.79	-6.07	-6.17	-7.27	-7.40	-7.48	-7.53	-7.59	-7.81	-7.79	-7.70	-7.60	-7.24	-7.34	-6.90	-5.56	-6.43
	7.50	3.08	2.50	2.50	2.50	3.24	4.00	4.46	1.53	-4.47	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	0.72	0.36	0.82
PJM 61847	32.41	23.47	23.00	21.01	23.00	25.00	29.95	35.01	41.73	45.01	47.24	48.31	48.71	50.21	50.54	52.75	52.75	52.68	49.05	45.78	46.50	46.13	42.05	31.64
	-6.64	-5.69	-5.16	-4.88	-4.86	-5.50	-5.75	-5.38	-5.31	-4.20	-4.43	-3.41	-3.27	-3.21	-2.89	-3.07	-2.89	-3.13	-4.09	-4.47	-4.55	-4.84	-5.51	-6.00
	8.74	12.09	10.35	12.27	10.14	11.49	8.87	4.84	0.35	-4.48	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	0.56	0.36	9.98
WEST 61752	42.45	36.53	34.44	34.17	34.04	37.36	39.22	37.73	39.66	39.10	44.88	45.22	45.46	46.99	47.00	49.23	49.07	49.26	46.49	43.77	43.98	44.94	42.65	40.92
	-5.34	-4.72	-4.07	-3.99	-3.96	-4.63	-5.35	-5.43	-5.79	-5.63	-6.67	-6.50	-6.52	-6.43	-6.43	-6.59	-6.57	-6.55	-6.65	-6.48	-6.61	-6.30	-5.27	-6.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.69	