

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/04/2002

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	52.69 2.45 0.00	50.22 2.45 0.00	42.46 1.82 0.00	52.34 2.54 0.00	43.03 1.99 0.00	42.72 2.00 0.00	33.63 1.19 0.00	35.48 1.40 0.00	41.48 2.04 0.00	59.76 2.58 0.00	75.65 2.85 0.00	69.75 2.96 0.00	69.35 2.92 0.00	57.23 1.55 0.00	50.29 1.31 0.00	45.48 1.15 0.00	48.08 1.40 0.00	44.84 1.12 0.00	41.59 1.10 0.00	41.81 1.10 -0.78	50.88 1.68 -15.75	43.70 1.95 -2.55	38.61 1.88 -0.20	38.19 1.89 0.00
CENTRL 61754	48.90 -1.34 0.00	46.40 -1.37 0.00	39.47 -1.17 0.00	48.36 -1.43 0.00	39.82 -1.22 0.00	39.65 -1.08 0.00	31.61 -0.83 0.00	33.25 -0.84 0.00	38.60 -0.85 0.00	56.16 -1.03 0.00	71.59 -1.21 0.00	65.71 -1.08 0.00	65.42 -1.01 0.00	54.96 -0.72 0.00	48.23 -0.74 0.00	43.56 -0.78 0.00	45.78 -0.90 0.00	42.92 -0.80 0.00	39.70 -0.79 0.00	39.16 -0.85 -0.08	34.15 -0.81 -1.52	38.51 -0.94 -0.25	35.68 -0.87 -0.02	35.36 -0.94 0.00
DUNWOD 61760	54.83 4.59 0.00	51.97 4.20 0.00	44.28 3.64 0.00	53.92 4.13 0.00	44.53 3.49 0.00	43.89 3.17 0.00	35.44 3.00 0.00	37.38 3.29 0.00	43.04 3.59 0.00	62.43 5.24 0.00	79.82 7.02 0.00	73.09 6.31 0.00	72.38 5.96 0.00	61.14 5.46 0.00	53.97 4.99 0.00	49.24 4.91 0.00	51.82 5.14 0.00	48.44 4.71 0.00	45.09 4.60 0.00	45.15 4.63 -0.60	48.92 3.36 -12.11	45.08 3.91 -1.96	40.30 3.61 -0.16	39.85 3.55 0.00
GENESE 61753	48.73 -1.51 0.00	46.20 -1.57 0.00	39.13 -1.51 0.00	48.23 -1.56 0.00	39.57 -1.47 0.00	39.59 -1.13 0.00	31.19 -1.25 0.00	32.70 -1.38 0.00	38.14 -1.31 0.00	55.44 -1.74 0.00	70.80 -2.00 0.00	65.40 -1.38 0.00	65.55 -0.88 0.00	54.62 -1.06 0.00	47.93 -1.05 0.00	43.15 -1.18 0.00	45.32 -1.36 0.00	42.56 -1.16 0.00	39.08 -1.41 0.00	38.25 -1.75 -0.08	33.73 -1.26 -1.54	37.85 -1.60 -0.25	35.09 -1.46 -0.02	34.76 -1.54 0.00
H Q 61844	25.00 -0.75 13.54	25.01 -0.75 16.05	26.02 -0.89 8.84	34.01 -0.84 9.57	25.02 -0.89 18.64	46.37 -0.50 -5.32	30.02 -0.79 3.46	33.07 -1.01 0.00	38.25 -1.19 0.00	55.30 -1.89 0.00	70.42 -2.38 0.00	49.00 -2.74 26.65	90.29 -2.16 -20.39	112.16 -2.18 -41.55	111.58 -2.09 -39.00	107.38 -2.04 -39.16	93.62 -1.53 -45.82	103.12 -1.59 -45.92	97.23 -1.38 -49.47	76.18 -1.44 -29.66	78.00 -1.23 -32.10	38.01 -1.18 0.02	37.99 -0.95 0.60	35.25 -1.05 0.00
HUD VL 61758	53.67 3.43 0.00	50.80 3.03 0.00	43.25 2.61 0.00	52.62 2.82 0.00	43.41 2.38 0.00	42.80 2.07 0.00	34.47 2.03 0.00	36.31 2.23 0.00	41.87 2.42 0.00	60.89 3.71 0.00	77.85 5.05 0.00	71.31 4.52 0.00	70.69 4.27 0.00	59.61 3.93 0.00	52.57 3.60 0.00	47.90 3.57 0.00	50.40 3.72 0.00	47.12 3.40 0.00	43.85 3.36 0.00	43.93 3.42 -0.59	47.92 2.47 -12.01	43.98 2.83 -1.94	39.22 2.53 -0.16	38.75 2.45 0.00
LONGIL 61762	193.94 4.26 -139.44	103.22 4.22 -51.23	91.46 3.82 -47.00	59.54 4.55 -5.19	56.00 3.87 -11.10	49.30 3.42 -5.16	48.48 3.12 -12.92	49.22 3.34 -11.80	61.80 3.67 -18.68	88.92 5.32 -26.42	85.29 7.13 -5.36	88.16 6.05 -15.32	96.04 5.52 -24.08	97.49 5.03 -36.78	97.47 4.62 -43.88	94.01 4.59 -45.09	120.07 4.72 -68.67	135.03 4.24 -87.06	128.12 4.08 -83.55	127.95 4.01 -84.02	132.37 2.80 -96.13	132.52 3.28 -90.03	109.56 3.20 -69.83	97.53 3.28 -57.96
MHK VL 61756	51.09 0.85 0.00	48.42 0.65 0.00	41.08 0.44 0.00	50.54 0.74 0.00	41.61 0.58 0.00	41.48 0.76 0.00	32.89 0.45 0.00	34.51 0.42 0.00	40.00 0.56 0.00	57.94 0.76 0.00	73.50 0.70 0.00	67.22 0.44 0.00	66.88 0.46 0.00	56.03 0.35 0.00	49.30 0.32 0.00	44.68 0.35 0.00	47.10 0.42 0.00	44.08 0.35 0.00	40.95 0.46 0.00	40.38 0.43 -0.02	34.30 0.46 -0.40	39.75 0.48 -0.06	36.99 0.45 0.00	36.71 0.41 0.00
MILLWD 61759	53.99 3.75 0.00	51.17 3.40 0.00	43.61 2.96 0.00	53.09 3.30 0.00	43.83 2.80 0.00	43.22 2.50 0.00	34.89 2.45 0.00	36.78 2.70 0.00	42.34 2.90 0.00	61.43 4.25 0.00	78.55 5.75 0.00	71.92 5.14 0.00	71.24 4.81 0.00	60.16 4.48 0.00	53.10 4.12 0.00	48.45 4.11 0.00	50.98 4.29 0.00	47.65 3.93 0.00	44.37 3.88 0.00	44.45 3.93 -0.59	48.20 2.77 -11.99	44.37 3.23 -1.94	39.64 2.95 -0.16	39.19 2.89 0.00
N.Y.C. 61761	131.78 5.25 -76.29	113.43 4.94 -60.71	94.80 4.35 -49.80	87.78 5.03 -32.95	99.40 4.30 -54.07	74.42 3.97 -29.73	62.52 3.72 -26.37	55.11 4.02 -17.01	77.30 4.34 -33.51	74.79 6.09 -11.52	93.55 8.00 -12.75	82.74 7.00 -8.96	82.13 6.56 -9.14	72.44 6.09 -10.67	90.00 5.65 -35.38	75.80 5.60 -25.87	77.62 5.89 -25.05	75.28 5.43 -26.12	72.44 5.31 -26.64	73.87 5.34 -28.61	75.52 3.78 -38.29	73.11 4.52 -29.38	73.08 4.24 -32.31	67.55 4.21 -27.05
NORTH 61755	48.91 -1.33 0.00	46.17 -1.60 0.00	39.12 -1.52 0.00	48.17 -1.63 0.00	39.69 -1.34 0.00	39.65 -1.07 0.00	31.44 -1.00 0.00	32.98 -1.10 0.00	38.18 -1.27 0.00	55.15 -2.03 0.00	70.17 -2.63 0.00	64.50 -2.28 0.00	64.40 -2.03 0.00	53.81 -1.87 0.00	47.38 -1.60 0.00	42.90 -1.44 0.00	45.18 -1.51 0.00	42.48 -1.24 0.00	39.22 -1.28 0.00	38.53 -1.39 0.01	32.24 -1.03 0.17	37.87 -1.31 0.02	35.36 -1.17 0.00	35.09 -1.20 0.00
NPX 61845	28.07 2.32 13.54	28.64 2.88 16.05	29.23 2.32 8.84	37.43 2.58 9.57	28.45 2.54 18.64	48.70 1.83 -5.32	32.83 2.02 3.46	35.67 1.59 0.00	41.56 2.12 0.00	60.12 2.94 0.00	76.34 3.54 0.00	66.33 5.72 17.78	107.06 4.61 -30.39	128.78 4.44 -51.55	128.00 4.33 -49.00	123.92 4.50 -49.16	108.70 3.55 -55.82	108.30 3.59 -45.92	101.56 2.95 -49.47	88.00 2.97 -37.07	82.20 2.97 -32.10	29.89 4.13 30.77	41.87 2.93 0.60	38.30 2.00 0.00

OH 61846	23.43	21.45	24.94	32.05	23.24	44.79	28.99	29.34	33.38	48.56	62.16	55.83	100.00	122.88	122.62	117.80	102.34	102.42	97.09	85.46	76.68	33.44	34.87	30.95
	-2.32	-4.31	-1.97	-2.80	-2.67	-2.08	-1.82	-4.75	-6.06	-8.63	-10.64	-4.78	-2.45	-1.46	-1.05	-1.62	-2.81	-2.29	-1.52	-2.16	-2.55	-6.08	-4.07	-5.35
	13.54	16.05	8.84	9.57	18.64	-5.32	3.46	0.00	0.00	0.00	0.00	17.78	-30.39	-51.55	-49.00	-49.16	-55.82	-45.92	-49.47	-39.66	-32.10	-0.32	0.60	0.00
PJM 61847	23.24	21.96	25.23	32.67	23.77	45.00	29.92	32.84	37.64	54.89	70.18	61.00	101.37	125.00	123.82	119.00	104.85	104.89	99.00	88.00	78.99	38.73	37.12	35.39
	-2.51	-3.80	-1.68	-2.18	-2.14	-1.87	-0.89	-1.24	-1.81	-2.29	-2.62	0.39	-1.08	0.66	0.15	-0.42	-0.30	0.18	0.39	0.38	-0.24	-0.89	-1.82	-0.91
	13.54	16.05	8.84	9.57	18.64	-5.32	3.46	0.00	0.00	0.00	0.00	17.78	-30.39	-51.55	-49.00	-49.16	-55.82	-45.92	-49.47	-39.66	-32.10	-0.42	0.60	0.00
WEST 61752	49.00	46.28	39.47	48.12	39.68	39.49	31.62	32.70	37.18	54.15	69.31	63.78	63.86	53.97	47.58	43.05	44.97	42.62	39.34	38.73	33.45	37.09	34.39	34.38
	-1.24	-1.50	-1.17	-1.68	-1.36	-1.24	-0.81	-1.39	-2.27	-3.04	-3.49	-3.00	-2.57	-1.71	-1.40	-1.29	-1.71	-1.10	-1.15	-1.29	-1.89	-2.42	-2.16	-1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-1.90	-0.31	-0.02	0.00