

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/03/2002

Name PTID	00:00 EDT	01:00 EDT	02:00 EDT	03:00 EDT	04:00 EDT	05:00 EDT	06:00 EDT	07:00 EDT	08:00 EDT	09:00 EDT	10:00 EDT	11:00 EDT	12:00 EDT	13:00 EDT	14:00 EDT	15:00 EDT	16:00 EDT	17:00 EDT	18:00 EDT	19:00 EDT	20:00 EDT	21:00 EDT	22:00 EDT	23:00 EDT
CAPITL 61757	39.61 1.11 0.00	59.24 1.62 -13.85	39.05 1.74 0.00	34.51 1.60 0.00	47.61 2.26 0.00	43.80 2.21 0.00	39.39 1.70 0.00	41.14 1.70 0.00	46.31 1.84 0.00	47.67 1.61 0.00	79.61 2.23 0.00	66.18 0.76 -6.49	86.36 1.47 0.00	86.79 0.79 0.00	101.94 1.10 0.00	146.15 1.84 0.00	110.31 1.84 0.00	50.42 0.24 0.00	44.02 0.18 0.00	43.54 0.54 -3.03	51.50 0.55 -16.42	40.60 0.55 -2.34	38.17 0.57 0.00	32.63 0.67 0.00
CENTRL 61754	37.68 -0.82 0.00	44.01 -1.08 -1.33	36.33 -0.98 0.00	32.12 -0.79 0.00	44.03 -1.32 0.00	40.29 -1.30 0.00	36.54 -1.16 0.00	38.29 -1.16 0.00	43.26 -1.21 0.00	44.98 -1.09 0.00	75.81 -1.57 0.00	58.43 -1.14 -0.63	83.47 -1.43 0.00	84.83 -1.17 0.00	99.43 -1.41 0.00	142.04 -2.27 0.00	106.96 -1.51 0.00	49.57 -0.61 0.00	43.14 -0.71 0.00	39.53 -0.74 -0.29	35.40 -0.71 -1.59	37.28 -0.66 -0.22	36.97 -0.63 0.00	31.37 -0.60 0.00
DUNWOD 61760	42.38 3.88 0.00	58.68 4.26 -10.65	40.76 3.46 0.00	35.81 2.90 0.00	49.08 3.72 0.00	44.82 3.23 0.00	41.02 3.32 0.00	43.08 3.63 0.00	48.80 4.32 0.00	50.68 4.62 0.00	85.68 8.30 0.00	71.23 7.29 -5.00	94.84 9.94 0.00	96.11 10.11 0.00	112.63 11.79 0.00	161.35 17.04 0.00	120.61 12.15 0.00	55.98 5.81 0.00	49.02 5.18 0.00	47.08 4.78 -2.32	51.09 3.96 -12.60	43.71 4.20 -1.79	41.68 4.08 0.00	35.24 3.27 0.00
GENESE 61753	37.22 -1.29 0.00	43.52 -1.61 -1.36	35.94 -1.37 0.00	31.77 -1.14 0.00	43.63 -1.72 0.00	40.20 -1.39 0.00	36.27 -1.42 0.00	37.97 -1.48 0.00	42.71 -1.76 0.00	44.72 -1.35 0.00	75.25 -2.14 0.00	57.48 -2.09 -0.63	82.80 -2.09 0.00	84.08 -1.92 0.00	98.80 -2.04 0.00	141.32 -2.99 0.00	106.76 -1.71 0.00	48.98 -1.19 0.00	42.66 -1.18 0.00	39.03 -1.25 -0.29	34.87 -1.25 -1.59	36.73 -1.22 -0.23	36.43 -1.17 0.00	30.93 -1.03 0.00
H Q 61844	25.00 -1.32 13.60	27.89 -0.82 12.25	25.03 -0.90 13.25	25.02 -0.74 7.82	25.02 -0.75 11.67	25.00 -0.61 15.14	27.01 -0.89 12.75	30.10 -1.01 9.47	25.00 -1.25 18.28	87.68 -1.32 -33.91	80.41 -2.43 7.24	81.84 -1.67 -21.76	39.00 -1.43 5.80	191.44 -3.86 -74.74	140.79 -4.27 -11.51	239.61 -3.14 -130.47	106.22 -2.25 0.00	125.34 -4.19 10.00	69.00 -2.32 1.30	38.87 -1.09 0.02	33.51 -0.93 0.09	39.99 -1.49 5.14	39.01 -1.33 1.21	35.00 -1.35 4.50
HUD VL 61758	41.52 3.01 0.00	57.57 3.24 -10.57	39.83 2.52 0.00	34.98 2.07 0.00	48.02 2.67 0.00	43.77 2.18 0.00	39.95 2.25 0.00	41.98 2.53 0.00	47.59 3.12 0.00	49.37 3.31 0.00	83.42 6.04 0.00	69.43 5.54 -4.95	92.45 7.55 0.00	93.76 7.77 0.00	109.88 9.04 0.00	157.44 13.13 0.00	117.69 9.22 0.00	54.65 4.47 0.00	47.96 4.11 0.00	46.01 3.72 -2.30	50.17 3.14 -12.50	42.83 3.34 -1.78	40.81 3.21 0.00	34.55 2.59 0.00
LONGIL 61762	104.11 3.75 -61.85	107.01 4.30 -58.95	81.37 3.70 -40.36	36.69 3.23 -0.55	69.69 4.28 -20.06	45.48 3.61 -0.28	44.80 3.46 -3.64	56.65 3.69 -13.52	82.67 4.19 -34.00	99.19 4.08 -49.05	116.30 7.23 -31.68	123.52 6.55 -58.03	120.69 9.10 -26.69	117.35 9.51 -21.85	120.93 10.89 -9.20	162.00 15.60 -2.08	126.65 10.89 -7.29	122.82 5.15 -67.49	125.90 4.61 -77.44	121.76 4.18 -77.60	126.15 3.39 -88.24	126.25 3.47 -85.06	134.22 3.31 -93.31	126.94 2.79 -92.18
MHK VL 61756	39.04 0.53 0.00	44.64 0.53 -0.35	37.77 0.47 0.00	33.27 0.36 0.00	45.83 0.48 0.00	42.11 0.51 0.00	38.08 0.38 0.00	39.74 0.30 0.00	44.70 0.22 0.00	46.39 0.32 0.00	78.13 0.74 0.00	59.67 0.58 -0.16	86.06 1.17 0.00	86.95 0.95 0.00	101.95 1.11 0.00	145.98 1.66 0.00	110.19 1.72 0.00	50.72 0.54 0.00	44.27 0.42 0.00	40.49 0.44 -0.07	35.28 0.35 -0.40	38.27 0.49 -0.06	38.20 0.60 0.00	32.40 0.44 0.00
MILLWD 61759	41.70 3.19 0.00	57.80 3.48 -10.55	40.07 2.77 0.00	35.21 2.30 0.00	48.32 2.97 0.00	44.14 2.54 0.00	40.37 2.68 0.00	42.39 2.94 0.00	48.02 3.54 0.00	49.86 3.79 0.00	84.29 6.90 0.00	70.10 6.22 -4.94	93.32 8.42 0.00	94.61 8.61 0.00	110.88 10.04 0.00	158.84 14.53 0.00	118.74 10.27 0.00	55.13 4.95 0.00	48.29 4.44 0.00	46.37 4.09 -2.30	50.38 3.39 -12.47	43.08 3.59 -1.77	41.04 3.44 0.00	34.73 2.76 0.00
N.Y.C. 61761	66.12 4.21 -23.40	85.09 4.77 -36.56	86.12 4.03 -44.78	72.43 3.38 -36.14	53.33 4.44 -3.53	51.21 3.92 -5.70	60.42 4.02 -18.71	64.62 4.26 -20.91	66.19 4.92 -16.79	67.21 5.26 -15.88	92.90 9.27 -6.24	78.62 7.88 -11.80	96.67 10.58 -1.19	98.91 10.54 -2.37	132.01 12.36 -18.81	165.87 17.84 -3.72	125.58 12.81 -4.30	80.24 6.08 -23.99	77.08 5.43 -27.81	73.33 5.12 -28.23	81.61 4.28 -42.81	72.25 4.55 -29.98	71.79 4.39 -29.79	59.75 3.57 -24.21
NORTH 61755	37.45 -1.05 0.00	42.58 -1.03 0.16	36.48 -0.83 0.00	32.12 -0.79 0.00	44.19 -1.16 0.00	40.58 -1.02 0.00	36.77 -0.92 0.00	38.54 -0.91 0.00	43.35 -1.12 0.00	45.05 -1.02 0.00	75.58 -1.81 0.00	57.32 -1.56 0.06	82.87 -2.03 0.00	83.72 -2.28 0.00	98.19 -2.65 0.00	140.65 -3.66 0.00	106.03 -2.43 0.00	48.71 -1.46 0.00	42.46 -1.39 0.00	38.69 -1.26 0.03	33.32 -1.05 0.15	36.50 -1.19 0.03	36.40 -1.20 0.00	31.07 -0.89 0.00
NPX 61845	32.00 2.99 10.91	31.21 2.50 12.25	28.32 2.39 13.25	27.88 2.12 7.82	28.05 2.28 11.67	27.73 2.12 15.14	30.30 2.40 12.75	33.95 2.84 9.47	39.41 3.16 8.28	93.19 4.19 -33.91	89.78 6.94 7.24	88.45 4.94 -21.76	284.00 3.84 -233.93	205.31 10.01 -74.74	156.28 11.22 -11.51	251.84 9.09 -130.47	112.18 3.71 0.00	51.63 1.45 0.00	45.16 1.32 0.00	44.19 1.43 -2.78	50.84 1.23 -15.09	41.10 1.24 -2.15	38.85 1.25 0.00	33.19 1.23 0.00

OH 61846	27.13	25.52	23.38	23.11	22.59	22.88	25.14	27.46	31.49	83.99	76.62	75.00	200.00	189.51	139.45	238.37	95.29	44.65	39.16	35.75	32.61	33.98	33.79	28.74
	-1.88	-3.19	-2.55	-2.65	-3.18	-2.73	-2.76	-3.65	-4.76	-5.01	-6.22	-4.63	-2.59	-5.79	-5.61	-4.38	-13.18	-5.53	-4.69	-4.61	-3.95	-4.02	-3.81	-3.22
	10.91	12.25	13.25	7.82	11.67	15.14	12.75	9.47	8.28	-33.91	7.24	-17.88	-156.36	-74.74	-11.51	-130.47	0.00	0.00	0.00	-0.38	-2.04	-0.29	0.00	0.00
PJM 61847	27.21	25.92	23.15	23.14	23.75	23.65	26.76	30.54	35.76	89.00	85.00	90.00	210.56	200.00	150.00	245.00	107.05	50.07	43.67	40.14	36.96	37.89	37.43	31.64
	-1.80	-2.79	-2.78	-2.62	-2.02	-1.96	-1.14	-0.57	-0.49	0.00	2.16	1.73	0.97	4.70	4.94	2.25	-1.42	-0.10	-0.18	-0.34	-0.25	-0.21	-0.17	-0.32
	10.91	12.25	13.25	7.82	11.67	15.14	12.75	9.47	8.28	-33.91	7.24	-26.52	-163.36	-74.74	-11.51	-130.47	0.00	0.00	0.00	-0.50	-2.69	-0.38	0.00	0.00
WEST 61752	37.70	44.06	35.69	31.61	43.42	39.67	35.93	37.35	41.82	43.58	73.76	58.12	82.74	85.10	99.74	142.93	106.89	50.08	43.93	39.94	36.21	38.01	37.85	32.14
	-0.80	-1.38	-1.61	-1.30	-1.93	-1.92	-1.76	-2.10	-2.65	-2.49	-3.63	-1.61	-2.15	-0.90	-1.10	-1.38	-1.57	-0.09	0.09	-0.41	-0.32	0.01	0.25	0.17
	0.00	-1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-1.99	-0.28	0.00	0.00