

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/01/2001

Name PTID CAPITL 61757	00:00 EDT 9.74 0.50 0.00	01:00 EDT 19.14 1.27 0.00	02:00 EDT 19.57 1.21 0.00	03:00 EDT 34.86 2.06 0.00	04:00 EDT 19.46 1.05 0.00	05:00 EDT 17.47 0.98 0.00	06:00 EDT 34.17 1.82 0.00	07:00 EDT 48.42 1.21 0.00	08:00 EDT 39.17 0.19 -1.35	09:00 EDT 39.06 0.32 -0.38	10:00 EDT 67.03 0.23 -25.63	11:00 EDT 62.97 0.63 -5.12	12:00 EDT 76.00 1.19 -17.81	13:00 EDT 64.50 0.63 0.00	14:00 EDT 48.51 0.25 -4.59	15:00 EDT 51.92 0.26 -7.65	16:00 EDT 47.94 0.60 -3.94	17:00 EDT 48.06 0.62 -4.75	18:00 EDT 43.22 0.56 0.00	19:00 EDT 42.30 0.44 0.00	20:00 EDT 50.20 1.23 -1.15	21:00 EDT 47.11 0.88 -0.46	22:00 EDT 40.16 0.76 -1.76	23:00 EDT 35.60 1.55 -3.60
CENTRL 61754	9.12 -0.12 0.00	17.60 -0.27 0.00	18.04 -0.32 0.00	32.09 -0.71 0.00	18.00 -0.42 0.00	16.13 -0.36 0.00	31.79 -0.57 0.00	46.64 -0.57 0.00	37.57 -0.32 -0.26	38.08 -0.35 -0.07	44.78 -0.29 -3.89	57.70 -0.42 -0.90	58.47 -0.65 -2.11	63.30 -0.57 0.00	43.77 -0.43 -0.54	44.39 -0.46 -0.85	43.36 -0.42 -0.38	42.78 -0.37 -0.46	42.32 -0.33 0.00	41.52 -0.33 0.00	47.45 -0.48 -0.11	45.31 -0.51 -0.04	37.32 -0.50 -0.17	30.18 -0.62 -0.35
DUNWOD 61760	9.84 0.59 0.00	18.78 0.90 0.00	19.22 0.87 0.00	34.47 1.67 0.00	19.47 1.05 0.00	17.47 0.99 0.00	34.37 2.01 0.00	51.17 3.97 0.00	66.93 3.75 -25.54	718.18 3.96 -675.86	950.34 4.27 -904.89	121.88 5.89 -58.77	78.48 5.77 -15.71	70.01 6.14 0.00	52.01 4.35 -3.99	54.14 4.33 -5.80	50.36 3.99 -2.96	50.16 3.89 -3.58	46.39 3.74 0.00	45.58 3.72 0.00	52.74 4.05 -0.87	50.04 3.92 -0.35	42.22 3.24 -1.33	35.50 2.33 -2.71
GENESE 61753	9.03 -0.21 0.00	17.66 -0.21 0.00	18.14 -0.22 0.00	32.11 -0.69 0.00	17.86 -0.56 0.00	16.02 -0.47 0.00	31.48 -0.87 0.00	45.43 -1.77 0.00	36.20 -1.67 -0.23	36.61 -1.82 -0.06	39.24 -1.93 0.00	55.12 -2.73 -0.63	56.34 -2.76 -2.11	61.16 -2.71 0.00	42.19 -2.01 -0.54	42.88 -1.95 -0.82	42.28 -1.50 -0.38	41.63 -1.52 -0.46	41.07 -1.58 0.00	40.05 -1.80 0.00	46.05 -1.88 -0.11	43.96 -1.85 -0.04	36.26 -1.56 -0.17	29.68 -1.13 -0.35
H Q 61844	9.06 -0.19 0.00	17.61 -0.26 0.00	18.15 -0.20 0.00	32.46 -0.34 0.00	18.16 -0.25 0.00	29.55 -0.23 -13.29	32.05 -0.44 -0.14	1.37 -0.94 44.88	35.91 -0.96 0.77	37.21 -1.17 -0.01	39.89 -1.29 0.00	55.48 -1.86 -0.12	55.21 -1.69 0.10	62.23 -1.64 0.00	42.45 -1.18 0.03	42.78 -1.17 0.05	42.31 -1.07 0.02	41.60 -1.08 0.02	41.62 -1.03 0.00	40.76 -1.09 0.00	46.67 -1.14 0.01	44.74 -1.03 0.00	36.60 -0.91 0.15	29.82 -0.61 0.02
HUD VL 61758	9.65 0.40 0.00	18.44 0.57 0.00	18.90 0.54 0.00	33.85 1.05 0.00	19.11 0.69 0.00	17.15 0.66 0.00	33.70 1.34 0.00	50.01 2.81 0.00	52.28 2.72 -11.93	44.58 2.89 -3.33	279.54 3.14 -235.22	106.93 4.39 -45.31	76.63 4.29 -15.34	68.40 4.53 0.00	50.80 3.23 -3.90	53.04 3.21 -5.83	49.32 2.93 -2.98	49.15 2.86 -3.60	45.43 2.77 0.00	44.65 2.79 0.00	51.77 3.07 -0.88	49.15 3.03 -0.35	41.41 2.42 -1.33	34.81 1.63 -2.73
LONGIL 61762	9.85 0.60 0.00	18.79 0.91 0.00	19.22 0.86 0.00	66.76 1.74 -32.22	71.50 1.09 -51.98	50.91 0.96 -33.46	44.30 1.97 -9.98	52.94 3.68 -2.06	66.93 3.43 -25.86	717.76 3.55 -675.85	948.13 3.73 -903.22	120.97 5.20 -58.55	93.18 5.16 -31.01	89.22 5.31 -20.03	64.23 3.77 -16.79	89.25 3.77 -41.47	92.82 3.48 -45.94	125.75 3.36 -79.70	67.16 3.14 -21.36	104.92 3.18 -59.88	121.95 3.34 -70.78	49.57 3.25 -0.54	41.91 2.93 -1.33	37.15 2.28 -4.42
MHK VL 61756	9.31 0.06 0.00	18.09 0.22 0.00	18.54 0.19 0.00	33.08 0.28 0.00	18.54 0.13 0.00	16.62 0.14 0.00	32.69 0.34 0.00	47.39 0.19 0.00	37.86 0.03 -0.19	38.48 0.06 -0.05	42.37 0.03 -1.17	57.83 0.08 -0.54	57.79 0.09 -0.69	63.94 0.07 0.00	43.89 0.05 -0.18	44.30 0.03 -0.27	43.66 0.14 -0.12	42.91 0.07 -0.14	42.70 0.04 0.00	41.84 -0.02 0.00	47.98 0.12 -0.03	45.90 0.11 -0.01	37.81 0.11 -0.05	30.79 0.23 -0.10
MILLWD 61759	9.74 0.50 0.00	18.59 0.72 0.00	19.04 0.68 0.00	34.13 1.33 0.00	19.28 0.86 0.00	17.31 0.82 0.00	34.03 1.68 0.00	50.65 3.45 0.00	65.99 3.33 -25.03	717.60 3.52 -675.72	938.09 3.81 -893.10	119.23 5.27 -56.73	77.63 5.14 -15.49	69.35 5.47 0.00	51.50 3.90 -3.93	53.61 3.87 -5.73	49.86 3.53 -2.93	49.67 3.45 -3.53	45.96 3.31 0.00	45.18 3.32 0.00	52.26 3.57 -0.86	49.60 3.48 -0.34	41.82 2.86 -1.31	35.12 1.99 -2.68
N.Y.C. 61761	10.01 0.76 0.00	19.08 1.21 0.00	19.51 1.16 0.00	35.01 2.21 0.00	19.80 1.38 0.00	17.81 1.33 0.00	35.01 2.66 0.00	52.24 5.04 0.00	67.80 4.63 -25.53	719.07 4.85 -675.86	949.66 5.18 -903.29	122.96 7.08 -58.66	79.59 6.86 -15.73	71.13 7.26 0.00	52.76 5.10 -3.99	54.90 5.08 -5.81	51.10 4.73 -2.97	50.91 4.64 -3.58	47.09 4.43 0.00	46.28 4.42 0.00	53.53 4.83 -0.87	50.79 4.67 -0.35	42.92 3.94 -1.33	36.15 2.98 -2.72
NORTH 61755	9.08 -0.17 0.00	17.68 -0.19 0.00	18.23 -0.13 0.00	32.57 -0.23 0.00	18.21 -0.21 0.00	16.32 -0.16 0.00	31.90 -0.45 0.00	46.16 -1.04 0.00	36.59 -1.12 -0.07	37.04 -1.34 -0.02	39.61 -1.57 0.00	55.25 -2.18 -0.21	54.82 -2.00 0.18	61.85 -2.02 0.00	42.16 -1.46 0.04	42.48 -1.45 0.07	42.10 -1.26 0.04	41.50 -1.14 0.05	41.55 -1.10 0.00	40.66 -1.19 0.00	46.62 -1.19 0.01	44.68 -1.09 0.00	36.70 -0.93 0.02	29.85 -0.57 0.04
NPX 61845	9.48 0.24 0.00	44.87 0.47 -26.53	46.07 0.40 -27.31	46.70 0.73 -13.17	45.99 0.44 -27.13	49.60 0.45 -32.66	33.39 0.59 -0.45	47.53 0.33 0.00	48.64 0.19 -10.82	41.63 0.25 -3.02	256.17 0.24 -214.75	99.10 0.53 -41.35	75.30 0.82 -17.48	64.23 0.36 0.00	48.30 0.17 -4.46	50.99 0.15 -6.84	47.00 0.10 -3.50	47.15 0.24 -4.22	42.85 0.20 0.00	42.00 0.14 0.00	49.32 0.47 -1.03	46.59 0.41 -0.41	39.60 0.38 -1.56	147.93 0.84 -116.64

OH 61846	8.67	16.53	17.14	30.56	17.21	15.31	30.07	44.99	37.17	37.06	45.23	55.66	56.14	61.14	42.81	43.59	42.28	41.72	41.32	40.45	45.50	43.89	34.72	28.84
	-0.57	-1.34	-1.22	-2.24	-1.20	-1.18	-2.28	-2.22	-0.75	-1.38	-1.52	-2.64	-3.46	-2.73	-1.52	-1.45	-1.61	-1.57	-1.33	-1.41	-2.47	-1.94	-1.48	-2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.08	-5.57	-1.07	-2.60	0.00	-0.67	-1.03	-0.49	-0.59	0.00	0.00	-0.14	-0.06	1.45	-0.45
PJM 61847	8.70	14.87	15.84	30.48	17.30	15.45	30.39	45.33	37.22	37.52	47.29	56.97	58.18	62.13	43.57	44.39	42.84	42.30	41.56	40.76	46.30	44.51	36.17	29.30
	-0.54	-1.24	-1.16	-2.16	-1.12	-1.03	-1.97	-1.87	-0.78	-0.94	-0.91	-1.60	-2.13	-1.74	-0.95	-0.94	-1.21	-1.17	-1.09	-1.10	-1.71	-1.34	-1.21	-1.75
	0.00	1.76	1.35	0.16	0.00	0.00	0.00	0.00	-0.36	-0.10	-7.03	-1.35	-3.31	0.00	-0.85	-1.32	-0.64	-0.78	0.00	0.00	-0.19	-0.07	0.27	-0.59
WEST 61752	8.64	16.44	17.08	30.44	17.12	15.22	29.86	44.78	37.13	37.03	42.46	55.57	56.08	61.23	42.89	43.58	42.22	41.65	41.30	40.41	45.35	43.82	36.27	28.63
	-0.61	-1.44	-1.27	-2.36	-1.30	-1.27	-2.49	-2.42	-0.79	-1.41	-1.46	-2.59	-3.49	-2.64	-1.43	-1.44	-1.65	-1.63	-1.36	-1.45	-2.61	-2.01	-1.59	-2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-0.08	-2.73	-0.93	-2.56	0.00	-0.66	-1.01	-0.48	-0.58	0.00	0.00	-0.14	-0.06	-0.21	-0.44