

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/05/2002

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	36.01 2.49 0.00	14.75 1.14 0.00	37.54 3.47 0.00	26.65 2.39 0.00	18.35 1.65 0.00	18.27 1.61 0.00	46.22 1.59 -27.02	38.80 1.31 -21.71	42.73 3.30 -0.19	58.43 4.77 0.00	57.09 3.19 -14.49	57.46 3.98 -4.92	56.14 3.94 0.00	67.02 3.13 -23.42	55.26 2.49 -19.28	54.42 3.56 -1.50	53.11 3.99 0.00	51.42 3.71 -2.67	53.75 3.75 -6.21	55.77 3.56 -8.92	44.86 2.59 -9.70	40.47 3.31 0.00	18.73 1.46 0.00	15.99 1.28 0.00
CENTRL 61754	32.50 -1.02 0.00	13.25 -0.36 0.00	33.00 -1.07 0.00	23.35 -0.91 0.00	16.11 -0.58 0.00	16.11 -0.55 0.00	19.67 -0.60 -2.66	17.43 -0.45 -2.10	37.90 -1.35 -0.02	51.65 -2.01 0.00	39.26 -1.54 -1.38	47.09 -1.95 -0.47	50.08 -2.12 0.00	41.01 -1.69 -2.24	33.97 -1.37 -1.84	47.49 -2.01 -0.14	47.11 -1.79 0.00	43.50 -1.79 -0.26	42.64 -1.74 -0.59	42.49 -1.64 -0.85	32.33 -1.17 -0.93	35.88 -1.28 0.00	16.69 -0.58 0.00	14.35 -0.36 0.00
DUNWOD 61760	35.32 1.80 0.00	14.29 0.68 0.00	35.51 1.44 0.00	25.32 1.06 0.00	17.41 0.71 0.00	17.43 0.77 0.00	39.36 0.93 -20.82	32.81 0.84 -16.19	41.48 2.10 -0.14	56.44 2.78 0.00	52.22 2.31 -10.50	55.08 2.95 -3.56	55.64 3.44 0.00	60.10 2.66 -16.97	49.58 2.11 -13.97	53.66 3.22 -1.09	52.19 3.07 0.00	49.63 2.66 -1.93	50.92 2.63 -4.50	52.54 2.79 -6.46	41.68 2.08 -7.03	39.52 2.36 0.00	18.33 1.06 0.00	15.40 0.69 0.00
GENESE 61753	33.17 -0.35 0.00	13.43 -0.17 0.00	33.60 -0.47 0.00	23.88 -0.38 0.00	16.46 -0.23 0.00	16.41 -0.25 0.00	19.98 -0.30 -2.67	17.70 -0.21 -2.13	38.66 -0.59 -0.02	53.05 -0.61 0.00	40.23 -0.56 -1.38	48.22 -0.82 -0.47	50.99 -1.21 0.00	41.69 -1.00 -2.23	34.58 -0.75 -1.83	48.21 -1.29 -0.14	47.95 -1.17 0.00	44.37 -0.92 -0.25	43.40 -0.97 -0.59	43.25 -0.88 -0.85	32.96 -0.54 -0.92	36.57 -0.59 0.00	17.06 -0.21 0.00	14.56 -0.15 0.00
H Q 61844	33.37 -0.15 0.00	13.48 -0.12 0.00	33.88 -0.20 0.00	24.18 -0.08 0.00	16.65 -0.05 0.00	16.60 -0.06 0.00	17.29 -0.03 0.29	15.46 -0.02 0.30	39.17 -0.07 0.00	53.81 0.15 0.00	39.32 0.08 0.17	48.55 0.05 0.06	52.23 0.03 0.00	40.16 -0.02 0.28	50.00 0.00 2.14	49.26 -0.07 0.02	49.05 -0.07 0.00	44.99 -0.02 0.03	43.66 -0.05 0.07	43.13 -0.05 0.11	32.41 -0.04 0.12	37.14 -0.02 0.00	17.26 -0.01 0.00	14.68 -0.02 0.00
HUD VL 61758	34.74 1.22 0.00	14.08 0.47 0.00	35.04 0.97 0.00	24.97 0.71 0.00	17.17 0.48 0.00	17.19 0.53 0.00	38.82 0.63 -20.58	32.33 0.52 -16.03	40.74 1.36 -0.14	55.48 1.82 0.00	51.44 1.58 -10.45	54.17 2.06 -3.55	54.61 2.41 0.00	59.22 1.86 -16.89	48.88 1.48 -13.90	52.71 2.28 -1.08	51.25 2.13 0.00	48.79 1.83 -1.92	50.08 1.82 -4.48	51.62 1.90 -6.43	41.00 1.43 -6.99	38.77 1.61 0.00	17.97 0.70 0.00	15.18 0.47 0.00
LONGIL 61762	36.18 2.66 0.00	14.69 1.08 0.00	36.46 2.39 0.00	25.99 1.73 0.00	17.88 1.19 0.00	31.02 1.24 -13.11	44.24 1.45 -25.17	46.71 1.29 -29.64	55.55 3.26 -13.05	99.85 4.21 -41.98	76.93 3.16 -34.35	58.88 3.53 -6.78	63.92 4.07 -7.65	72.37 3.17 -28.74	63.22 2.42 -27.30	62.75 3.65 -9.75	62.78 3.50 -10.16	61.72 2.98 -13.69	59.16 3.08 -12.29	62.89 3.36 -16.24	54.69 2.50 -19.62	51.18 2.86 -11.16	35.95 1.29 -17.39	15.55 0.85 0.00
MHK VL 61756	34.28 0.76 0.00	13.93 0.33 0.00	34.96 0.89 0.00	24.88 0.62 0.00	17.12 0.43 0.00	17.10 0.44 0.00	18.64 0.45 -0.59	16.55 0.37 -0.41	40.30 1.06 0.00	55.12 1.46 0.00	40.59 0.98 -0.20	49.85 1.22 -0.07	53.55 1.35 0.00	41.79 1.01 -0.32	34.55 0.80 -0.26	50.54 1.17 -0.02	50.41 1.29 0.00	46.26 1.19 -0.04	44.98 1.11 -0.08	44.39 0.98 -0.12	33.40 0.69 -0.13	38.01 0.85 0.00	17.66 0.38 0.00	15.03 0.33 0.00
MILLWD 61759	34.80 1.28 0.00	14.08 0.47 0.00	35.01 0.93 0.00	24.96 0.71 0.00	17.16 0.47 0.00	17.18 0.52 0.00	38.88 0.66 -20.61	32.33 0.56 -15.99	40.82 1.45 -0.14	55.53 1.87 0.00	51.43 1.63 -10.38	54.19 2.10 -3.52	54.72 2.52 0.00	59.20 1.95 -16.78	48.84 1.53 -13.81	52.80 2.37 -1.08	51.34 2.22 0.00	48.85 1.90 -1.91	50.12 1.89 -4.45	51.71 2.03 -6.39	41.04 1.52 -6.95	38.89 1.73 0.00	18.02 0.75 0.00	15.17 0.47 0.00
N.Y.C. 61761	60.95 2.35 -25.07	43.18 0.89 -28.68	40.11 1.94 -4.11	32.15 1.43 -6.46	24.92 0.96 -7.26	30.44 1.02 -12.75	63.96 1.24 -45.11	51.66 1.12 -34.77	58.56 2.84 -16.48	70.98 3.66 -13.66	63.41 2.99 -21.00	67.11 3.83 -14.72	72.25 4.43 -15.62	73.95 3.42 -30.07	63.99 2.70 -27.80	67.12 4.10 -13.67	63.42 3.97 -10.34	60.56 3.46 -12.06	60.04 3.42 -12.83	67.68 3.62 -20.78	58.55 2.70 -23.28	46.97 3.07 -6.74	31.26 1.35 -12.63	34.09 0.94 -18.45
NORTH 61755	33.59 0.06 0.00	13.57 -0.03 0.00	34.14 0.07 0.00	24.38 0.12 0.00	16.79 0.10 0.00	16.74 0.07 0.00	17.36 0.11 0.36	15.54 0.09 0.33	39.51 0.27 0.00	54.32 0.65 0.00	39.55 0.43 0.29	48.93 0.46 0.10	52.68 0.48 0.00	40.30 0.31 0.47	33.33 0.22 0.39	49.61 0.29 0.03	49.46 0.34 0.00	45.34 0.36 0.05	43.96 0.30 0.13	43.35 0.25 0.18	32.53 0.15 0.20	37.39 0.23 0.00	17.35 0.08 0.00	14.77 0.07 0.00
NPX 61845	35.40 1.88 0.00	14.47 0.86 0.00	36.57 2.50 0.00	25.99 1.73 0.00	17.89 1.19 0.00	17.83 1.17 0.00	43.68 1.18 -24.89	36.47 0.99 -19.70	42.01 2.60 -0.17	57.36 3.70 0.00	55.05 2.67 -12.97	56.38 3.41 -4.40	55.71 3.52 0.00	64.26 2.83 -20.96	52.99 2.24 -17.25	53.90 3.20 -1.34	52.42 3.30 0.00	50.40 2.97 -2.39	52.37 3.03 -5.56	54.17 2.90 -7.98	43.36 2.11 -8.68	39.72 2.56 0.00	18.39 1.12 0.00	15.64 0.93 0.00

OH 61846	28.37	11.39	27.89	19.91	13.71	13.69	17.91	15.79	32.16	43.94	34.20	40.36	42.69	35.90	30.06	41.07	40.53	37.53	36.70	36.68	28.25	30.61	14.39	12.21
	-5.15	-2.21	-6.18	-4.35	-2.98	-2.97	-3.10	-2.68	-7.10	-9.72	-6.96	-8.80	-9.51	-7.40	-5.79	-8.47	-8.59	-7.83	-7.84	-7.69	-5.50	-6.55	-2.88	-2.49
	0.00	0.00	0.00	0.00	0.00	0.00	-3.40	-2.69	-0.02	0.00	-1.76	-0.60	0.00	-2.84	-2.35	-0.18	0.00	-0.32	-0.75	-1.08	-1.17	0.00	0.00	0.00
PJM 61847	31.23	12.59	21.91	22.15	15.23	15.24	20.64	18.07	36.03	49.20	38.60	45.39	48.18	40.98	33.99	45.97	45.41	42.06	41.33	41.34	31.63	34.13	26.85	13.54
	-2.29	-1.02	-4.60	-2.11	-1.46	-1.42	-1.44	-1.24	-3.24	-4.46	-3.10	-3.96	-4.02	-3.19	-2.55	-3.62	-3.71	-3.40	-3.44	-3.36	-2.47	-3.03	-4.76	-1.17
	0.00	0.00	1.91	0.00	0.00	0.00	-4.47	-3.53	-0.03	0.00	-2.29	-0.78	0.00	-3.70	-3.05	-0.24	0.00	-0.42	-0.98	-1.41	-1.53	0.00	1.65	0.00
WEST 61752	31.71	12.72	31.08	22.19	15.28	15.25	19.49	17.23	35.77	48.86	37.79	44.78	47.45	39.54	33.07	45.50	44.94	41.73	40.75	40.71	31.35	34.12	16.06	13.61
	-1.81	-0.89	-2.99	-2.07	-1.41	-1.41	-1.45	-1.17	-3.49	-4.80	-3.35	-4.38	-4.75	-3.71	-2.72	-4.03	-4.17	-3.63	-3.78	-3.64	-2.38	-3.04	-1.22	-1.10
	0.00	0.00	0.00	0.00	0.00	0.00	-3.32	-2.61	-0.02	0.00	-1.73	-0.59	0.00	-2.80	-2.30	-0.18	0.00	-0.32	-0.74	-1.06	-1.16	0.00	0.00	0.00