

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/01/2001

	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	-27.25	-51.84	4.33	-6.09	9.52	19.70	36.23	38.97	34.07	24.22	24.80	32.52	35.54	28.01	26.04	26.35	35.61	34.54	36.18	34.93	35.47	21.54	21.27	-19.36
61757	-1.02	-2.12	0.20	-0.29	0.40	0.78	1.33	1.58	1.46	0.91	1.05	1.42	1.45	1.24	1.06	1.04	1.38	1.23	1.42	1.40	1.55	0.90	0.62	-0.66
	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.05	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	-25.87	-49.16	4.08	-5.75	9.03	18.68	34.24	36.96	32.26	23.05	23.49	30.73	33.68	26.42	24.68	24.99	33.77	30.11	34.20	32.98	33.36	20.32	20.24	-18.31
61754	0.35	0.57	-0.05	0.06	-0.10	-0.23	-0.51	-0.42	-0.36	-0.26	-0.26	-0.36	-0.41	-0.35	-0.31	-0.32	-0.46	-0.44	-0.56	-0.54	-0.56	-0.32	-0.41	0.39
	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	-27.46	-51.62	4.27	-5.98	9.43	19.72	37.04	40.01	34.88	25.17	25.67	33.63	36.90	28.97	27.09	27.52	37.10	35.22	37.59	36.23	36.62	22.15	22.21	-19.86
61760	-1.24	-1.89	0.14	-0.17	0.30	0.80	2.17	2.62	2.27	1.86	1.92	2.53	2.81	2.20	2.11	2.20	2.87	2.50	2.84	2.70	2.70	1.51	1.56	-1.16
	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.46	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	-25.46	-48.74	4.08	-5.73	9.01	18.52	33.39	36.03	31.70	22.51	23.03	30.11	32.88	25.91	24.09	24.36	32.89	29.30	33.24	32.04	32.46	19.85	19.65	-17.98
61753	0.77	0.99	-0.05	0.08	-0.12	-0.40	-1.36	-1.35	-0.91	-0.80	-0.73	-0.99	-1.20	-0.86	-0.89	-0.95	-1.34	-1.25	-1.51	-1.48	-1.46	-0.79	-1.00	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00	0.00	0.00	0.00
H Q	-26.21	-49.62	4.12	38.68	44.88	49.93	34.72	36.89	32.26	23.03	23.46	30.74	33.70	26.47	24.65	24.94	33.76	29.85	34.31	33.13	33.58	20.49	19.70	-18.59
61844	0.01	0.10	-0.01	0.00	-0.05	-0.11	-0.41	-0.50	-0.35	-0.28	-0.29	-0.36	-0.39	-0.30	-0.33	-0.38	-0.47	-0.40	-0.45	-0.39	-0.34	-0.15	-0.21	0.11
	0.00	0.00	0.00	-44.48	-35.80	-31.12	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.75	0.00
HUD VL	-27.16	-51.21	4.24	-5.95	9.37	19.55	36.57	39.39	34.30	24.69	25.18	32.98	36.19	28.42	26.56	26.95	36.38	34.62	36.92	35.57	35.96	21.80	21.87	-19.60
61758	-0.94	-1.49	0.11	-0.14	0.24	0.63	1.70	2.01	1.69	1.38	1.43	1.88	2.10	1.65	1.58	1.64	2.15	1.89	2.17	2.05	2.04	1.16	1.22	-0.90
	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.48	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	-27.45	-51.66	4.28	-5.98	9.44	28.10	38.19	39.80	34.59	24.98	25.48	33.41	36.65	28.75	26.89	38.22	36.84	39.67	39.52	39.22	39.79	22.19	22.01	-19.83
61762	-1.23	-1.93	0.15	-0.18	0.32	0.84	2.15	2.42	1.98	1.67	1.73	2.31	2.56	1.98	1.91	2.09	2.61	2.25	2.56	2.47	2.44	1.31	1.35	-1.13
	0.00	0.00	0.00	0.00	0.00	-8.34	-1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.82	0.00	-7.16	-2.21	-3.22	-3.43	-0.24	0.00	0.00
MHK VL	-26.71	-50.73	4.22	-5.93	9.28	19.25	35.27	38.08	33.31	23.79	24.31	31.83	34.86	27.38	25.54	25.89	34.96	30.99	35.47	34.24	34.66	21.07	20.96	-19.02
61756	-0.49	-1.00	0.08	-0.12	0.15	0.33	0.53	0.70	0.70	0.48	0.55	0.73	0.77	0.61	0.56	0.58	0.73	0.64	0.71	0.72	0.74	0.43	0.31	-0.32
	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	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	-27.10	-50.98	4.22	-5.91	9.32	19.47	36.55	39.45	34.40	24.80	25.30	33.13	36.34	28.53	26.67	27.09	36.54	34.70	37.03	35.68	36.07	21.83	21.89	-19.58
61759	-0.88	-1.25	0.09	-0.10	0.19	0.55	1.68	2.07	1.78	1.49	1.54	2.03	2.26	1.76	1.69	1.78	2.31	2.00	2.28	2.16	2.15	1.19	1.24	-0.88
	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.44	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	-27.94	-52.43	4.33	-6.07	9.56	20.01	37.75	40.91	35.69	25.78	26.29	34.43	37.75	29.64	27.70	28.13	37.89	35.94	38.44	37.03	37.43	22.62	22.65	-20.24
61761	-1.72	-2.71	0.20	-0.26	0.43	1.09	2.88	3.52	3.08	2.47	2.53	3.33	3.67	2.87	2.72	2.82	3.67	3.22	3.68	3.51	3.51	1.98	2.00	-1.54
	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.46	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	-26.35	-49.89	4.14	-5.84	9.12	18.91	34.43	37.05	32.44	23.14	23.60	30.93	33.91	26.64	24.81	25.09	33.94	30.00	34.48	33.29	33.75	20.58	20.50	-18.68
61755	-0.13	-0.16	0.01	-0.03	-0.01	-0.01	-0.31	-0.34	-0.17	-0.17	-0.15	-0.17	-0.18	-0.13	-0.18	-0.23	-0.29	-0.25	-0.28	-0.23	-0.17	-0.06	-0.15	0.02
	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	0.01	0.00	0.00	0.00	0.00	0.00	0.00
NPX	-27.26	-51.66	4.30	-6.04	9.48	19.69	36.44	39.08	34.06	24.31	24.86	32.57	35.66	28.11	26.16	26.50	35.83	34.52	36.44	35.11	35.60	21.62	20.82	-19.48
61845	-1.04	-1.94	0.17	-0.24	0.35	0.77	1.56	1.70	1.45	1.00	1.11	1.48	1.58	1.34	1.18	1.19	1.60	1.43	1.68	1.59	1.68	0.98	0.87	-0.78
	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.83	0.00	0.00	0.00	0.00	0.70	0.00

OH 61846	-25.14 1.08 0.00	-47.65 2.08 0.00	3.94 -0.20 0.00	-5.58 0.23 0.00	8.76 -0.37 0.00	18.02 -0.90 0.00	32.76 -2.00 -0.02	34.96 -2.42 0.00	30.41 -2.20 0.00	21.68 -1.63 0.00	22.03 -1.72 0.00	28.71 -2.39 0.00	31.48 -2.61 0.00	24.82 -1.95 0.00	23.15 -1.83 0.00	23.37 -1.95 0.00	31.77 -2.46 0.00	28.47 -2.16 -0.37	32.16 -2.60 0.00	30.94 -2.59 0.00	31.17 -2.75 0.00	19.14 -1.51 0.00	18.68 -1.16 0.81	-17.73 0.97 0.00
PJM 61847	-25.16 1.06 0.00	-47.69 2.04 0.00	3.95 -0.18 0.00	-5.54 0.27 0.00	8.74 -0.39 0.00	18.13 -0.79 0.00	33.30 -1.46 -0.03	35.56 -1.82 0.00	30.91 -1.70 0.00	22.19 -1.12 0.00	22.55 -1.20 0.00	29.47 -1.63 0.00	32.34 -1.75 0.00	25.40 -1.37 0.00	23.77 -1.21 0.00	24.11 -1.21 0.00	32.62 -1.61 0.00	29.32 -1.42 -0.48	33.12 -1.63 0.00	31.88 -1.64 0.00	32.15 -1.77 0.00	19.62 -1.02 0.00	19.16 -0.77 0.72	-17.93 0.77 0.00
WEST 61752	-25.12 1.10 0.00	-47.67 2.05 0.00	3.94 -0.19 0.00	-5.59 0.21 0.00	8.77 -0.36 0.00	18.04 -0.88 0.00	32.72 -2.04 -0.02	34.88 -2.51 0.00	30.31 -2.31 0.00	21.60 -1.71 0.00	21.95 -1.81 0.00	28.58 -2.52 0.00	31.37 -2.72 0.00	24.72 -2.05 0.00	23.06 -1.92 0.00	23.28 -2.03 0.00	31.64 -2.59 0.00	28.32 -2.30 -0.36	31.99 -2.76 0.00	30.77 -2.75 0.00	31.03 -2.89 0.00	19.09 -1.55 0.00	19.46 -1.19 0.00	-17.74 0.96 0.00