

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/22/2001

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	15.84	3.27	6.05	18.24	15.94	19.81	31.72	30.14	30.64	47.43	44.16	34.62	29.32	30.90	36.07	42.61	66.44	39.26	59.53	43.56	31.80	33.43	26.20	28.62
61757	0.94	0.20	0.30	0.88	0.77	0.97	2.13	1.84	1.67	2.70	2.55	2.09	1.77	1.68	2.11	2.34	3.89	2.16	3.60	2.64	1.89	2.03	1.72	2.02
	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	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	14.52	3.02	5.64	17.02	14.87	18.44	28.77	27.48	28.10	43.33	40.32	31.51	26.66	27.81	32.82	38.86	60.41	35.86	54.16	39.70	29.01	30.44	23.78	25.88
61754	-0.39	-0.06	-0.11	-0.34	-0.30	-0.40	-0.83	-0.82	-0.86	-1.41	-1.30	-1.02	-0.90	-0.94	-1.14	-1.41	-2.15	-1.24	-1.77	-1.22	-0.90	-0.96	-0.71	-0.72
	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	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	15.36	3.15	5.89	17.81	15.60	19.45	30.65	29.65	30.50	47.44	44.26	34.60	29.43	31.18	36.37	43.24	66.81	39.75	59.60	43.57	31.77	33.07	25.57	27.52
61760	0.45	0.08	0.15	0.44	0.43	0.61	1.06	1.35	1.53	2.71	2.65	2.06	1.88	2.08	2.41	2.97	4.26	2.65	3.67	2.65	1.86	1.68	1.08	0.92
	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	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	14.81	3.07	5.73	17.29	15.07	18.81	29.61	28.17	28.75	44.12	40.94	32.09	27.12	28.17	33.25	39.07	60.89	36.02	54.64	40.06	29.23	30.84	24.26	26.44
61753	-0.09	-0.01	-0.01	-0.07	-0.10	-0.02	0.02	-0.12	-0.21	-0.61	-0.68	-0.44	-0.43	-0.59	-0.71	-1.19	-1.66	-1.08	-1.29	-0.86	-0.68	-0.56	-0.22	-0.16
	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	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	14.81	3.09	5.78	17.45	15.25	18.98	29.89	24.81	29.03	44.89	41.68	32.54	27.52	28.66	33.90	40.18	62.51	37.07	56.05	40.97	29.98	31.47	24.64	26.81
61844	0.09	0.02	0.03	0.08	0.08	0.14	0.26	0.14	0.16	0.16	0.07	0.01	-0.04	-0.04	-0.05	-0.09	-0.04	-0.03	0.12	0.05	0.06	0.07	0.15	0.21
	0.19	0.00	0.00	0.00	0.00	0.00	-0.04	3.63	0.10	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
HUD VL	15.24	3.13	5.86	17.70	15.51	19.31	30.40	29.36	30.16	46.83	43.67	34.13	29.00	30.70	35.82	42.60	65.95	39.20	58.86	43.04	31.41	32.75	25.32	27.26
61758	0.33	0.06	0.11	0.34	0.34	0.47	0.81	1.06	1.19	2.09	2.06	1.60	1.44	1.60	1.86	2.33	3.39	2.11	2.93	2.12	1.50	1.35	0.83	0.66
	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	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	15.67	11.13	12.19	22.84	21.38	24.64	31.10	30.13	31.00	48.10	44.93	35.26	29.92	31.68	37.26	44.25	67.82	40.30	60.46	44.17	34.10	33.55	26.10	27.86
61762	0.68	0.13	0.26	0.77	0.72	0.98	1.50	1.76	1.93	3.36	3.32	2.63	2.36	2.56	2.98	3.68	5.26	3.20	4.53	3.25	2.24	2.03	1.40	1.26
	-0.08	-7.92	-6.19	-4.71	-5.49	-4.83	0.00	-0.07	-0.11	0.00	0.00	-0.10	0.00	-0.41	-0.32	-0.31	0.00	0.00	0.00	0.00	-1.95	-0.12	-0.21	0.00
MHK VL	15.24	3.15	5.87	17.74	15.52	19.29	30.36	28.78	29.46	45.51	42.39	33.12	28.05	29.20	34.52	40.93	63.74	37.77	57.02	41.70	30.38	31.89	24.90	27.20
61756	0.34	0.07	0.13	0.38	0.35	0.45	0.77	0.49	0.50	0.78	0.77	0.59	0.49	0.48	0.56	0.66	1.18	0.68	1.10	0.78	0.47	0.49	0.41	0.60
	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	0.00	0.00	0.00	0.00
MILLWD	15.17	3.11	5.83	17.60	15.42	19.22	30.26	29.25	30.09	46.78	43.64	34.10	29.00	30.71	35.83	42.62	65.89	39.20	58.79	42.99	31.35	32.64	25.24	27.17
61759	0.26	0.04	0.08	0.24	0.25	0.38	0.67	0.96	1.12	2.04	2.03	1.56	1.44	1.61	1.87	2.35	3.34	2.10	2.86	2.07	1.44	1.25	0.75	0.57
	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	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	15.55	3.19	5.96	17.99	15.77	19.69	31.05	30.08	30.98	48.32	45.05	41.88	41.55	37.32	37.33	44.31	68.22	40.58	60.70	44.44	32.38	33.64	26.00	27.97
61761	0.65	0.11	0.21	0.63	0.60	0.85	1.45	1.78	2.02	3.59	3.44	2.65	2.41	2.78	3.37	4.04	5.67	3.48	4.77	3.52	2.46	2.25	1.51	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.70	-11.59	-5.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	15.13	3.12	5.82	17.59	15.39	19.16	30.18	28.69	29.38	45.28	42.03	32.82	27.74	28.88	34.17	40.47	63.01	37.34	56.49	41.28	30.19	31.68	24.83	27.05
61755	0.23	0.04	0.08	0.23	0.22	0.33	0.59	0.40	0.42	0.55	0.42	0.28	0.19	0.17	0.21	0.21	0.45	0.25	0.56	0.36	0.27	0.28	0.34	0.45
	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	0.00	0.00	0.00	0.00	0.00
NPX	15.16	3.17	5.88	17.78	15.56	19.32	30.71	25.86	29.73	46.22	43.04	33.71	28.60	30.23	35.33	41.85	64.95	38.39	58.00	42.46	30.95	32.47	25.32	27.52
61845	0.44	0.09	0.13	0.42	0.39	0.49	1.09	0.91	0.86	1.48	1.43	1.18	1.04	1.05	1.37	1.58	2.39	1.29	2.07	1.54	1.04	1.08	0.84	0.92
	0.19	0.00	0.00	0.00	0.00	0.00	-0.03	3.35	0.09	0.00	0.00	0.00	0.00	-0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OH 61846	14.06 -0.64 0.20	2.96 -0.12 0.00	5.56 -0.18 0.00	16.78 -0.58 0.00	14.61 -0.56 0.00	18.21 -0.62 0.00	27.98 -1.66 -0.04	23.22 -1.59 3.48	27.29 -1.58 0.09	41.88 -2.85 0.00	38.59 -3.02 0.00	30.23 -2.30 0.00	25.55 -2.01 0.00	26.56 -2.21 -0.06	31.19 -2.77 0.00	36.78 -3.49 0.00	57.17 -5.38 0.00	34.15 -2.95 0.00	51.41 -4.52 0.00	37.74 -3.18 0.00	27.81 -2.10 0.00	29.35 -2.04 0.00	23.11 -1.38 0.00	24.93 -1.67 0.00
PJM 61847	13.86 -0.85 0.20	2.90 -0.18 0.00	5.45 -0.30 0.00	16.49 -0.88 0.00	14.42 -0.76 0.00	14.57 -0.94 3.32	27.63 -1.89 0.08	23.05 -1.76 3.49	27.25 -1.63 0.09	42.18 -2.55 0.00	39.24 -2.37 0.00	30.57 -1.96 0.00	25.86 -1.69 0.00	27.06 -1.73 -0.09	31.78 -2.18 0.00	37.91 -2.36 0.00	58.91 -3.64 0.00	35.14 -1.95 0.00	52.84 -3.09 0.00	38.68 -2.24 0.00	28.41 -1.51 0.00	29.71 -1.68 0.00	23.11 -1.38 0.00	24.91 -1.69 0.00
WEST 61752	14.23 -0.67 0.00	2.95 -0.12 0.00	5.56 -0.19 0.00	16.77 -0.60 0.00	14.60 -0.58 0.00	18.18 -0.66 0.00	27.86 -1.73 0.00	26.57 -1.72 0.00	27.25 -1.71 0.00	41.69 -3.05 0.00	38.42 -3.19 0.00	30.07 -2.46 0.00	25.39 -2.17 0.00	26.40 -2.37 -0.06	30.98 -2.98 0.00	36.48 -3.79 0.00	56.70 -5.86 0.00	33.92 -3.18 0.00	51.08 -4.85 0.00	37.51 -3.41 0.00	27.68 -2.23 0.00	29.20 -2.19 0.00	22.99 -1.50 0.00	24.81 -1.79 0.00