

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/17/2003

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	20.16	21.63	21.63	31.19	23.66	19.76	14.04	28.59	53.77	38.48	50.25	60.03	48.96	50.64	57.34	45.32	31.74	24.37	21.47	27.94	48.53	46.04	37.31	21.67
61757	1.42	1.61	1.67	2.41	1.59	1.07	0.77	1.60	3.22	2.15	2.21	1.98	2.50	3.13	3.59	2.79	1.80	1.46	1.25	1.39	2.51	3.17	2.52	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	-7.31	-23.46	-6.80	0.16	0.29	0.14	0.01	0.00	0.00	0.00	0.19	0.00	0.00	0.00
CENTRL	18.29	19.49	19.45	28.00	21.55	18.35	13.04	26.51	49.46	35.54	40.48	35.98	39.35	46.53	52.63	41.56	29.31	22.49	19.93	26.10	45.12	41.69	33.88	19.92
61754	-0.45	-0.53	-0.51	-0.78	-0.51	-0.34	-0.22	-0.47	-1.14	-0.80	-0.93	-0.80	-0.94	-1.06	-1.25	-1.04	-0.63	-0.42	-0.30	-0.44	-0.99	-1.18	-0.91	-0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	-0.68	-2.19	-0.63	0.08	0.15	0.07	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
DUNWOD	19.58	20.79	20.62	29.74	22.84	19.45	13.84	28.25	53.13	38.51	49.34	55.46	47.50	50.32	56.69	44.95	31.67	24.14	21.30	28.22	49.38	45.57	36.70	21.35
61760	0.84	0.77	0.66	0.95	0.78	0.77	0.58	1.27	2.60	2.17	2.84	2.34	2.48	2.81	2.97	2.44	1.74	1.24	1.07	1.68	3.40	2.71	1.91	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	-5.77	-18.52	-5.37	0.17	0.32	0.16	0.01	0.00	0.00	0.00	0.22	0.00	0.00	0.00
GENESE	18.47	19.62	19.63	28.20	21.69	18.39	13.11	26.50	50.55	35.51	40.27	35.84	39.50	48.12	55.44	42.92	29.49	22.69	20.08	26.01	46.20	41.69	34.06	19.93
61753	-0.28	-0.39	-0.33	-0.58	-0.38	-0.29	-0.16	-0.49	-1.01	-0.83	-1.13	-0.91	-0.79	-0.76	-0.76	-0.79	-0.49	-0.21	-0.14	-0.53	-1.40	-1.17	-0.73	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	0.00	-0.67	-2.16	-0.63	-1.21	-2.16	-1.04	-0.04	0.00	0.00	0.00	-1.39	0.00	0.00	0.00
H Q	35.00	19.99	34.00	29.99	30.00	18.61	31.00	26.68	49.99	35.71	39.92	33.78	38.89	46.79	53.11	42.04	29.50	22.58	52.20	26.12	45.38	42.36	34.45	20.18
61844	0.28	-0.03	0.23	0.23	0.23	-0.08	0.18	-0.30	-0.68	-0.62	-0.76	-0.68	-0.73	-0.89	-0.92	-0.63	-0.44	-0.33	-0.11	-0.42	-0.82	-0.51	-0.34	-0.15
	-0.13	0.00	-5.13	-0.52	-1.62	0.00	-5.55	0.00	0.00	0.00	0.04	0.13	0.04	0.00	0.00	0.00	0.00	0.00	3.08	0.00	0.00	0.00	0.00	0.00
HUD VL	19.35	20.58	20.43	29.48	22.64	19.28	13.72	28.02	52.66	38.11	48.65	54.69	46.86	49.67	55.96	44.34	31.26	23.83	21.02	27.82	48.60	44.88	36.19	21.06
61758	0.61	0.56	0.47	0.70	0.58	0.59	0.45	1.03	2.13	1.77	2.23	1.83	1.91	2.17	2.25	1.83	1.32	0.93	0.80	1.28	2.62	2.01	1.40	0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	-5.69	-18.27	-5.30	0.17	0.32	0.16	0.01	0.00	0.00	0.00	0.22	0.00	0.00	0.00
LONGIL	40.65	24.62	24.53	36.12	72.79	67.01	64.69	61.13	61.94	62.92	72.45	64.94	63.12	62.59	61.25	60.02	62.38	62.51	62.03	62.55	92.77	70.13	47.36	64.75
61762	1.26	1.19	1.09	1.57	1.30	1.18	0.86	1.80	3.35	2.72	3.40	2.77	2.97	3.44	3.64	3.01	2.14	1.53	1.32	2.01	4.05	3.27	2.31	1.38
	-20.65	-3.41	-3.48	-5.77	-49.42	-47.14	-50.56	-32.34	-7.91	-23.87	-28.33	-27.58	-20.49	-11.48	-3.58	-14.33	-30.30	-38.07	-40.49	-33.99	-42.51	-24.00	-10.26	-43.04
MHK VL	19.09	20.38	20.31	29.29	22.44	19.00	13.52	27.52	51.61	37.01	41.57	35.66	40.46	48.57	55.01	43.49	30.52	23.35	20.64	27.04	46.90	43.87	35.62	20.79
61756	0.35	0.36	0.35	0.51	0.38	0.32	0.25	0.53	0.98	0.68	0.67	0.52	0.64	0.96	1.10	0.87	0.58	0.45	0.42	0.50	0.77	1.00	0.83	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	-0.17	-0.55	-0.16	0.06	0.11	0.05	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
MILLWD	19.32	20.51	20.35	29.35	22.55	19.21	13.67	27.90	52.46	38.00	48.67	54.73	46.85	49.68	55.88	44.30	31.24	23.81	21.00	27.83	48.68	44.94	36.20	21.06
61759	0.57	0.49	0.39	0.57	0.48	0.52	0.40	0.91	1.93	1.67	2.23	1.82	1.89	2.17	2.16	1.79	1.30	0.91	0.78	1.29	2.70	2.07	1.41	0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	-5.71	-18.32	-5.31	0.17	0.32	0.16	0.01	0.00	0.00	0.00	0.22	0.00	0.00	0.00
N.Y.C.	32.59	25.13	20.97	30.09	23.11	19.69	14.02	28.55	53.68	38.95	50.03	56.08	48.16	51.14	57.49	45.61	32.15	24.49	21.60	28.65	50.47	47.97	50.65	29.79
61761	1.13	1.04	0.92	1.31	1.05	1.00	0.75	1.56	3.16	2.62	3.52	2.92	3.12	3.64	3.77	3.09	2.21	1.59	1.38	2.11	4.22	3.42	2.44	1.31
	-12.72	-4.06	-0.08	0.00	0.00	0.00	0.00	0.00	0.15	0.00	-5.79	-18.56	-5.38	0.17	0.32	0.16	0.01	0.00	0.00	0.00	-0.05	-1.68	-13.42	-8.15
NORTH	18.77	20.11	20.05	28.90	22.15	18.71	13.25	26.85	50.30	35.88	40.04	33.82	39.02	47.04	53.39	42.24	29.63	22.68	20.01	26.20	45.53	42.60	34.65	20.29
61755	0.03	0.09	0.09	0.12	0.08	0.03	-0.02	-0.14	-0.38	-0.46	-0.62	-0.57	-0.58	-0.64	-0.65	-0.43	-0.31	-0.22	-0.21	-0.34	-0.68	-0.26	-0.14	-0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.20	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	19.47	20.86	20.83	30.05	31.00	19.19	13.63	27.76	52.19	37.45	48.75	57.59	47.39	49.16	55.62	44.01	30.84	23.63	54.05	27.25	47.45	44.60	36.12	21.01
61845	0.73	0.84	0.87	1.27	1.07	0.50	0.36	0.78	1.64	1.11	1.20	1.10	1.39	1.64	1.86	1.48	0.90	0.73	2.10	0.71	1.43	1.73	1.33	0.68
	0.00	0.00	0.00	0.00	-1.78	0.00	0.00	0.00	0.13	0.00	-6.82	-21.89	-6.35	0.16	0.28	0.14	0.01	0.00	3.44	0.00	0.19	0.00	0.00	0.00

OH 61846	15.61	16.49	16.49	23.77	18.50	15.90	11.27	22.67	34.34	30.03	34.55	31.43	33.45	28.80	26.17	26.34	24.50	19.03	16.80	22.06	26.35	35.13	28.86	17.00
	-3.13	-3.53	-3.47	-5.01	-3.56	-2.79	-2.00	-4.31	-8.50	-6.30	-7.08	-6.06	-7.05	-8.57	-9.49	-7.51	-5.12	-3.88	-4.32	-4.49	-8.06	-7.73	-5.93	-3.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.84	0.00	-0.91	-2.90	-0.84	10.31	18.37	8.82	0.32	0.00	34.27	0.00	11.79	0.00	0.00	0.00
PJM 61847	17.60	18.74	18.63	26.93	20.85	17.87	12.71	25.85	43.29	34.64	40.06	36.70	38.63	38.45	39.39	34.79	28.24	21.72	35.00	25.35	36.61	40.49	32.93	19.26
	-1.14	-1.28	-1.33	-1.86	-1.22	-0.82	-0.56	-1.14	-2.40	-1.69	-1.86	-1.72	-2.13	-2.67	-2.95	-2.27	-1.50	-1.19	-2.71	-1.19	-2.09	-2.37	-1.86	-1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.99	0.00	-1.19	-3.82	-1.11	6.56	11.69	5.61	0.20	0.00	17.68	0.00	7.50	0.00	0.00	0.00
WEST 61752	17.57	18.55	18.55	26.74	20.85	17.96	12.72	25.60	39.58	34.03	39.00	35.19	37.78	33.54	31.43	30.75	27.87	21.61	19.19	25.04	30.93	39.58	32.51	19.14
	-1.18	-1.46	-1.41	-2.04	-1.21	-0.73	-0.55	-1.38	-2.98	-2.30	-2.63	-2.28	-2.71	-3.42	-3.49	-2.74	-1.74	-1.30	-1.04	-1.50	-3.00	-3.29	-2.28	-1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.12	0.00	-0.90	-2.87	-0.83	10.72	19.11	9.18	0.33	0.00	0.00	0.00	12.27	0.00	0.00	0.00