

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/30/2002

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	39.76	91.56	61.09	70.72	45.91	53.67	50.35	39.92	42.20	52.29	39.80	42.25	37.62	38.10	41.77	45.25	44.89	47.22	43.66	44.96	42.81	40.79	18.95	14.75
61757	0.69	0.13	0.40	-0.04	0.44	0.37	0.47	0.91	0.71	0.80	1.46	0.84	1.01	1.06	1.06	0.76	0.94	0.67	0.86	0.61	0.85	0.80	0.69	0.67
	-25.60	-88.35	-52.64	-71.70	-35.86	-44.54	-39.75	-18.20	-22.07	-30.04	-1.86	-20.24	-13.07	-14.25	-20.10	-28.10	-26.08	-31.05	-24.10	-29.65	-24.06	-20.78	-0.58	0.00
CENTRL	15.37	10.18	12.23	4.86	12.40	12.25	13.30	22.04	20.96	23.57	36.10	22.50	24.26	23.60	21.90	18.40	19.68	17.76	20.36	16.88	19.60	20.62	17.46	13.94
61754	-0.16	-0.03	-0.08	0.01	-0.11	-0.11	-0.05	-0.24	-0.24	-0.29	-0.52	-0.30	-0.34	-0.34	-0.34	-0.26	-0.29	-0.23	-0.29	-0.22	-0.24	-0.27	-0.27	-0.15
	-2.07	-7.14	-4.26	-5.79	-2.90	-3.60	-3.21	-1.47	-1.78	-2.42	-0.15	-1.62	-1.05	-1.14	-1.61	-2.26	-2.10	-2.51	-1.95	-2.39	-1.94	-1.68	-0.05	0.00
DUNWOD	32.58	66.62	46.22	50.43	35.82	41.26	39.36	35.66	37.15	45.00	41.42	37.63	35.15	35.15	36.94	38.00	38.19	39.30	37.72	37.36	36.84	35.88	19.62	15.13
61760	0.75	0.17	0.42	-0.05	0.50	0.55	0.71	1.80	1.89	2.15	3.63	2.11	2.34	2.25	2.06	1.64	1.70	1.54	1.73	1.40	1.68	1.76	1.52	1.04
	-18.36	-63.38	-37.74	-51.43	-25.71	-31.95	-28.51	-13.06	-15.84	-21.41	-1.32	-14.35	-9.26	-10.11	-14.26	-19.96	-18.62	-22.28	-17.29	-21.27	-17.26	-14.91	-0.41	0.00
GENESE	15.37	10.40	12.33	5.08	12.48	12.31	13.32	21.93	20.79	23.40	35.75	22.35	24.09	23.45	21.77	18.29	19.61	17.64	20.23	16.79	19.53	20.51	17.36	13.83
61753	-0.24	-0.07	-0.16	0.02	-0.15	-0.17	-0.14	-0.40	-0.48	-0.56	-0.88	-0.50	-0.54	-0.53	-0.53	-0.45	-0.43	-0.44	-0.49	-0.39	-0.37	-0.44	-0.37	-0.25
	-2.14	-7.39	-4.44	-6.00	-3.03	-3.73	-3.33	-1.52	-1.85	-2.50	-0.15	-1.68	-1.08	-1.18	-1.67	-2.34	-2.18	-2.60	-2.02	-2.48	-2.01	-1.74	-0.05	0.00
H Q	12.92	1.86	7.21	10.19	8.97	8.03	9.43	20.17	18.71	26.36	35.70	31.21	22.88	22.14	19.94	15.66	17.14	14.72	17.99	13.99	17.21	18.59	17.43	13.88
61844	-0.21	-0.05	-0.13	-0.09	-0.15	-0.14	-0.18	-0.40	-0.41	-0.58	-0.75	-0.49	-0.50	-0.47	-0.42	-0.36	-0.38	-0.35	-0.39	-0.32	-0.37	-0.35	-0.25	-0.21
	0.34	1.17	0.72	2.96	0.49	0.59	0.52	0.24	0.29	2.26	0.02	0.71	0.17	0.19	0.26	0.37	0.35	0.41	0.32	0.39	0.32	0.27	0.01	0.00
HUD VL	32.41	66.47	46.08	50.34	35.69	41.09	39.17	35.30	36.76	44.58	40.72	37.21	34.68	34.69	36.51	37.65	37.78	38.91	37.30	37.01	36.45	35.48	19.29	14.93
61758	0.62	0.14	0.34	-0.04	0.41	0.44	0.58	1.46	1.54	1.75	2.92	1.68	1.87	1.78	1.63	1.30	1.32	1.19	1.35	1.09	1.33	1.39	1.20	0.84
	-18.32	-63.25	-37.69	-51.33	-25.68	-31.89	-28.46	-13.03	-15.80	-21.38	-1.32	-14.35	-9.27	-10.11	-14.26	-19.95	-18.60	-22.23	-17.25	-21.22	-17.23	-14.87	-0.41	0.00
LONGIL	32.56	66.71	46.26	50.51	35.85	41.28	39.31	35.50	36.97	44.79	41.06	37.45	34.94	34.96	36.76	37.85	38.01	39.11	37.65	37.14	36.56	35.67	19.46	15.05
61762	0.70	0.16	0.41	-0.05	0.50	0.52	0.62	1.61	1.70	1.90	3.26	1.91	2.12	2.04	1.86	1.47	1.49	1.31	1.38	1.14	1.38	1.48	1.36	0.96
	-18.39	-63.47	-37.79	-51.50	-25.75	-32.00	-28.55	-13.08	-15.86	-21.44	-1.33	-14.37	-9.28	-10.12	-14.28	-19.99	-18.65	-22.31	-17.57	-21.30	-17.29	-14.97	-0.41	0.00
MHK VL	13.42	2.42	7.71	-1.51	9.41	8.50	9.96	20.95	19.46	21.46	36.91	21.27	23.73	22.99	20.78	16.41	17.93	15.45	18.78	14.65	17.95	19.28	17.89	14.26
61756	0.15	0.03	0.08	-0.01	0.10	0.09	0.13	0.28	0.22	0.24	0.45	0.25	0.28	0.30	0.31	0.23	0.27	0.20	0.26	0.18	0.24	0.23	0.21	0.17
	0.20	0.68	0.43	0.56	0.29	0.34	0.31	0.14	0.17	0.23	0.01	0.15	0.10	0.11	0.15	0.21	0.20	0.24	0.19	0.23	0.19	0.16	0.00	0.00
MILLWD	32.20	65.89	45.70	49.89	35.42	40.79	38.90	35.21	36.67	44.43	40.83	37.12	34.67	34.66	36.44	37.51	37.69	38.80	37.23	36.89	36.36	35.41	19.34	14.92
61759	0.57	0.13	0.31	-0.04	0.38	0.43	0.56	1.48	1.59	1.80	3.04	1.76	1.96	1.87	1.72	1.37	1.40	1.28	1.43	1.16	1.40	1.46	1.25	0.84
	-18.16	-62.68	-37.33	-50.87	-25.43	-31.60	-28.20	-12.92	-15.66	-21.17	-1.31	-14.19	-9.16	-10.00	-14.10	-19.75	-18.42	-22.03	-17.10	-21.03	-17.07	-14.74	-0.41	0.00
N.Y.C.	32.73	66.77	46.37	50.51	35.98	41.44	39.58	36.06	37.53	45.42	42.03	38.04	35.60	35.59	37.35	38.34	38.55	39.64	38.09	37.67	37.18	36.22	19.90	15.30
61761	0.86	0.20	0.51	-0.07	0.62	0.68	0.88	2.17	2.25	2.52	4.23	2.50	2.77	2.66	2.44	1.95	2.03	1.83	2.07	1.66	2.00	2.08	1.80	1.21
	-18.39	-63.49	-37.80	-51.52	-25.75	-32.01	-28.56	-13.08	-15.86	-21.44	-1.33	-14.37	-9.28	-10.13	-14.28	-20.00	-18.66	-22.31	-17.32	-21.30	-17.29	-14.93	-0.41	0.00
NORTH	12.72	1.06	6.80	-2.52	8.70	7.64	9.09	19.97	18.43	20.24	35.54	20.20	22.67	21.93	19.69	15.35	16.86	14.39	17.72	13.67	16.94	18.34	17.46	13.91
61755	-0.18	-0.04	-0.11	0.02	-0.13	-0.12	-0.16	-0.43	-0.50	-0.54	-0.90	-0.52	-0.59	-0.55	-0.49	-0.42	-0.42	-0.41	-0.45	-0.37	-0.42	-0.41	-0.21	-0.17
	0.57	1.98	1.15	1.60	0.78	1.00	0.89	0.41	0.49	0.67	0.04	0.45	0.29	0.32	0.44	0.62	0.58	0.70	0.54	0.66	0.54	0.46	0.01	0.00
NPX	36.69	81.84	55.16	36.00	41.82	48.67	45.85	-5.06	39.61	31.41	29.21	30.00	26.99	25.97	25.53	26.05	41.94	43.66	40.78	41.56	39.93	38.28	18.68	14.57
61845	0.42	0.08	0.25	0.81	0.28	0.25	0.31	1.98	0.54	2.22	2.22	2.14	1.99	1.87	1.72	1.71	0.67	0.52	0.62	0.45	0.61	0.56	0.48	0.48
	-22.80	-78.68	-46.87	-21.95	-31.93	-39.67	-35.40	34.90	-19.65	0.01	5.62	4.55	3.48	4.62	2.71	0.80	-23.40	-27.65	-21.46	-26.40	-21.43	-18.50	-0.51	0.00

OH 61846	15.91	12.64	13.59	12.59	13.31	13.43	14.21	22.09	21.21	24.49	35.14	28.49	24.01	23.26	21.66	18.66	19.77	18.20	20.52	17.36	19.73	20.69	17.14	13.60
	-0.35	-0.06	-0.19	-0.93	-0.20	-0.18	-0.26	-0.70	-0.62	-2.74	-1.54	-3.21	-0.96	-1.07	-1.14	-0.79	-0.94	-0.68	-0.81	-0.57	-0.78	-0.78	-0.61	-0.48
	-2.79	-9.62	-5.73	-0.28	-3.91	-4.85	-4.33	-1.98	-2.41	1.97	-0.20	0.71	-1.41	-1.54	-2.18	-3.05	-2.84	-3.38	-2.63	-3.23	-2.62	-2.26	-0.06	0.00
PJM 61847	16.82	15.97	15.55	15.00	14.60	15.08	15.69	22.89	22.15	27.17	35.60	30.70	24.68	24.06	22.73	19.92	21.03	19.59	21.65	18.62	20.82	21.67	17.24	13.61
	-0.40	-0.07	-0.23	-0.38	-0.27	-0.21	-0.28	-0.59	-0.51	-0.23	-1.15	-1.00	-0.77	-0.81	-0.83	-0.57	-0.67	-0.46	-0.59	-0.43	-0.61	-0.59	-0.53	-0.48
	-3.76	-12.97	-7.73	-2.14	-5.26	-6.54	-5.84	-2.67	-3.24	1.80	-0.27	0.71	-1.91	-2.08	-2.93	-4.11	-3.82	-4.56	-3.54	-4.35	-3.53	-3.05	-0.08	0.00
WEST 61752	15.94	12.51	13.55	6.76	13.30	13.41	14.19	22.16	21.26	23.99	35.28	22.60	24.05	23.28	21.65	18.66	19.79	18.20	20.55	17.38	19.77	20.76	17.25	13.67
	-0.27	-0.04	-0.15	0.01	-0.15	-0.12	-0.21	-0.60	-0.52	-0.67	-1.39	-0.73	-0.89	-1.03	-1.11	-0.73	-0.87	-0.61	-0.74	-0.49	-0.70	-0.68	-0.50	-0.42
	-2.74	-9.47	-5.65	-7.69	-3.85	-4.78	-4.26	-1.95	-2.37	-3.21	-0.20	-2.15	-1.39	-1.52	-2.14	-3.00	-2.79	-3.33	-2.58	-3.18	-2.58	-2.23	-0.06	0.00