

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/12/2002

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	36.94	36.73	37.09	32.88	30.15	23.93	24.00	26.11	35.50	41.02	41.06	42.25	45.53	64.02	75.78	95.65	215.32	81.54	70.21	40.62	40.94	35.43	31.43	34.58
61757	1.71	1.85	2.14	1.84	1.80	1.39	0.90	0.95	1.41	1.51	1.29	1.13	1.07	1.97	2.55	2.91	9.44	3.78	3.54	1.45	1.04	0.69	0.70	1.16
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.65	-0.10	0.00
CENTRL	34.29	33.93	33.92	30.12	27.53	21.91	22.54	24.53	33.27	38.64	38.95	40.37	43.67	60.82	71.75	91.07	202.15	76.48	65.28	38.37	39.14	33.46	30.01	32.77
61754	-0.94	-0.95	-1.04	-0.92	-0.83	-0.63	-0.56	-0.63	-0.82	-0.87	-0.82	-0.76	-0.79	-1.23	-1.48	-1.67	-3.72	-1.28	-1.39	-0.80	-0.76	-0.70	-0.63	-0.64
	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	-0.06	-0.01	0.00
DUNWOD	37.71	37.16	37.07	32.85	29.93	23.84	24.71	27.27	37.01	43.20	43.85	45.74	49.45	68.53	80.87	102.15	224.02	83.79	71.50	42.27	43.83	38.20	33.81	36.39
61760	2.49	2.28	2.11	1.80	1.57	1.30	1.61	2.11	2.92	3.69	4.08	4.61	4.99	6.48	7.64	9.40	18.15	6.03	4.83	3.09	3.93	3.61	3.11	2.98
	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	-0.50	-0.07	0.00
GENESE	34.61	34.34	34.43	30.64	28.13	22.42	22.88	24.69	33.55	38.86	39.08	40.38	43.83	61.65	72.81	92.34	207.38	79.26	67.81	39.45	39.47	33.39	29.95	32.84
61753	-0.61	-0.54	-0.52	-0.41	-0.23	-0.11	-0.22	-0.47	-0.54	-0.65	-0.70	-0.75	-0.62	-0.40	-0.42	-0.40	1.51	1.50	1.14	0.28	-0.43	-0.77	-0.69	-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.01	0.00
H Q	27.99	34.29	34.45	30.70	28.10	22.33	30.00	24.77	35.60	41.23	39.06	30.00	33.99	61.56	72.73	92.15	205.88	110.03	67.12	39.19	31.40	31.36	30.03	30.00
61844	-0.34	-0.60	-0.51	-0.35	-0.26	-0.20	-0.52	-0.40	-0.91	-1.07	-0.72	-1.16	-1.18	-0.49	-0.50	-0.59	0.01	0.00	0.45	0.01	-0.77	-0.91	-0.60	-0.46
	2.57	0.00	0.00	0.00	0.00	0.00	3.87	0.00	1.29	-1.19	0.00	10.21	8.51	0.00	0.00	0.00	0.00	122.98	0.00	0.00	10.75	9.05	0.00	0.21
HUD VL	37.11	36.58	36.48	32.33	29.42	23.43	24.27	26.75	36.30	42.35	42.94	44.69	48.34	67.04	79.10	100.01	219.76	82.30	70.39	41.63	43.06	37.52	33.27	35.83
61758	1.88	1.69	1.53	1.29	1.07	0.90	1.17	1.59	2.21	2.84	3.17	3.56	3.89	4.99	5.87	7.26	13.89	4.54	3.71	2.46	3.16	2.94	2.57	2.42
	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	-0.49	-0.07	0.00
LONGIL	53.69	38.52	38.49	36.24	36.43	36.24	36.05	36.66	39.37	47.67	64.41	71.20	81.97	81.75	84.59	105.42	222.55	115.00	115.41	112.79	113.25	108.29	86.29	85.37
61762	2.81	2.61	2.44	2.12	1.86	1.49	1.82	2.27	2.95	3.63	3.82	4.43	4.85	6.11	7.11	8.52	15.45	4.77	3.68	2.33	3.14	2.92	2.49	2.59
	-15.66	-1.02	-1.10	-3.07	-6.22	-12.21	-11.13	-9.23	-2.34	-4.53	-20.82	-25.65	-32.66	-13.59	-4.25	-4.15	-1.24	-32.47	-45.06	-71.28	-70.20	-71.28	-53.17	-49.36
MHK VL	35.57	35.26	35.52	31.58	28.95	22.98	23.41	25.41	34.39	39.86	40.19	41.66	45.07	63.16	74.61	94.38	210.62	79.75	68.34	39.97	40.62	34.67	31.14	34.03
61756	0.35	0.38	0.56	0.54	0.59	0.45	0.31	0.25	0.30	0.35	0.42	0.53	0.61	1.11	1.38	1.63	4.74	1.99	1.67	0.80	0.72	0.56	0.51	0.62
	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	-0.02	0.00	0.00
MILLWD	37.17	36.64	36.54	32.39	29.49	23.50	24.36	26.88	36.45	42.53	43.15	45.00	48.65	67.42	79.54	100.50	220.55	82.53	70.47	41.68	43.19	37.64	33.34	35.89
61759	1.95	1.75	1.59	1.34	1.14	0.96	1.26	1.72	2.36	3.02	3.38	3.87	4.19	5.37	6.31	7.76	14.68	4.77	3.80	2.50	3.29	3.05	2.63	2.48
	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	-0.49	-0.07	0.00
N.Y.C.	47.88	40.43	37.57	34.42	34.45	30.79	26.48	30.00	41.40	46.48	48.48	48.90	53.69	69.06	88.64	104.56	221.66	84.33	77.42	81.87	68.43	67.87	57.54	51.39
61761	2.99	2.76	2.61	2.24	2.03	1.68	1.90	2.44	3.39	4.25	4.66	5.24	5.56	7.24	8.49	10.20	19.38	6.43	5.20	3.38	4.37	4.06	3.53	3.50
	-9.66	-2.78	0.00	-1.13	-4.07	-6.58	-1.48	-2.40	-3.93	-2.72	-4.05	-2.53	-3.67	0.24	-6.93	-1.61	3.59	-0.14	-5.55	-39.32	-24.16	-29.71	-23.38	-14.48
NORTH	34.60	34.32	34.51	30.81	28.23	22.44	22.90	24.79	33.46	38.73	39.10	40.38	43.74	61.82	73.05	92.53	207.31	78.77	67.75	39.46	39.58	33.67	30.14	32.93
61755	-0.62	-0.56	-0.44	-0.24	-0.12	-0.09	-0.20	-0.38	-0.63	-0.78	-0.67	-0.75	-0.72	-0.23	-0.18	-0.21	1.44	1.01	1.08	0.29	-0.33	-0.42	-0.49	-0.48
	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	0.01	0.00	0.00
NPX	30.06	36.52	36.73	32.54	29.76	23.66	32.03	26.24	38.89	45.10	41.54	42.83	46.21	64.60	76.35	96.48	215.16	119.58	69.69	40.73	34.92	34.96	31.86	32.09
61845	1.73	1.63	1.77	1.49	1.40	1.12	1.51	1.08	2.38	2.80	1.77	1.70	1.75	2.55	3.12	3.73	9.28	9.55	3.02	1.55	2.75	2.69	1.14	1.63
	2.57	0.00	0.00	0.00	0.00	0.00	3.87	0.00	1.29	-1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.98	0.00	0.00	10.75	9.05	-0.09	0.21

OH 61846	26.04	30.45	30.39	27.07	24.60	19.64	30.73	22.12	35.60	41.56	34.89	36.16	39.27	54.28	64.02	81.75	179.66	107.00	58.41	34.92	31.05	31.32	27.75	29.48
	-2.29	-4.43	-4.57	-3.98	-3.76	-2.90	0.21	-3.04	-0.91	-0.74	-4.88	-4.97	-5.18	-7.77	-9.20	-11.00	-26.22	-3.03	-8.26	-4.25	-1.12	-0.95	-2.89	-0.98
	2.57	0.00	0.00	0.00	0.00	0.00	3.87	0.00	1.29	-1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.98	0.00	0.00	10.75	9.05	-0.01	0.21
PJM 61847	24.99	21.00	4.82	10.00	5.00	14.99	30.59	24.27	35.94	43.00	38.76	40.28	43.66	60.43	71.22	90.42	198.59	114.22	64.05	38.14	33.97	33.76	30.36	29.51
	-3.34	-3.74	-4.58	-4.54	-4.16	-2.61	0.07	-0.89	-0.57	0.70	-1.01	-0.85	-0.80	-1.62	-2.00	-2.32	-7.29	4.19	-2.62	-1.04	1.80	1.49	-0.28	-0.95
	2.57	6.16	21.79	15.55	19.72	11.35	3.87	0.00	1.29	-1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.98	0.00	0.00	10.75	9.05	-0.02	0.21
WEST 61752	34.06	33.93	33.85	30.16	27.40	21.89	22.95	24.67	33.04	38.41	38.92	40.37	43.92	60.70	71.62	91.71	201.45	76.93	65.28	39.09	40.16	34.54	31.04	33.49
	-1.16	-0.95	-1.11	-0.88	-0.96	-0.64	-0.15	-0.49	-1.05	-1.10	-0.85	-0.76	-0.54	-1.35	-1.61	-1.04	-4.43	-0.82	-1.39	-0.08	0.25	0.36	0.40	0.08
	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	-0.08	-0.01	0.00