

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/29/2002

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	19.11	18.73	17.00	16.22	16.89	15.74	33.49	26.92	30.53	37.79	18.94	28.64	32.32	41.24	21.40	22.12	29.73	30.56	20.72	19.17	20.50	19.09	17.10	16.84
61757	1.24	1.27	1.19	1.14	1.13	1.03	2.15	1.42	1.43	1.89	0.69	1.26	1.26	1.20	0.55	0.51	0.86	1.11	0.60	0.69	0.92	0.86	0.80	0.91
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	17.59	17.17	15.51	14.83	15.49	14.46	30.69	24.91	28.45	35.02	17.91	26.82	30.42	39.24	20.43	21.21	28.37	28.90	19.77	18.12	19.22	17.87	16.07	15.68
61754	-0.28	-0.28	-0.30	-0.25	-0.27	-0.26	-0.65	-0.58	-0.65	-0.89	-0.34	-0.56	-0.64	-0.80	-0.40	-0.40	-0.51	-0.55	-0.35	-0.36	-0.36	-0.36	-0.24	-0.26
	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
DUNWOD	18.73	18.18	16.38	15.53	16.27	15.31	33.01	27.31	31.48	38.85	19.86	29.82	33.92	43.65	22.72	23.52	31.28	31.80	21.73	19.95	20.98	19.45	17.27	16.79
61760	0.86	0.72	0.57	0.45	0.51	0.60	1.67	1.81	2.38	2.95	1.62	2.43	2.86	3.61	1.89	1.91	2.41	2.35	1.61	1.47	1.40	1.22	0.96	0.86
	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
GENESE	17.81	17.32	15.70	15.05	15.70	14.72	31.30	25.26	28.72	35.51	18.01	27.10	30.60	39.48	20.53	21.30	28.51	29.26	19.97	18.29	19.53	18.18	16.30	15.93
61753	-0.06	-0.14	-0.11	-0.02	-0.06	0.00	-0.04	-0.23	-0.38	-0.40	-0.24	-0.29	-0.46	-0.56	-0.30	-0.31	-0.36	-0.18	-0.15	-0.19	-0.05	-0.05	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	0.00	0.00
H Q	17.65	17.24	15.62	14.92	15.58	14.57	21.57	30.23	28.64	35.35	17.91	26.91	30.49	39.35	20.50	21.24	28.38	28.98	19.76	18.16	19.26	17.96	16.09	15.68
61844	-0.22	-0.22	-0.19	-0.16	-0.17	-0.14	-0.08	-0.79	-0.46	-0.56	-0.33	-0.48	-0.57	-0.68	-0.33	-0.37	-0.49	-0.46	-0.36	-0.32	-0.32	-0.27	-0.22	-0.25
	0.00	0.00	0.00	0.00	0.00	0.00	4.87	6.58	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
HUD VL	18.51	18.02	16.25	15.42	16.15	15.15	32.57	26.86	30.86	38.08	19.45	29.18	33.18	42.72	22.26	23.06	30.69	31.21	21.34	19.62	20.66	19.17	17.03	16.58
61758	0.65	0.56	0.44	0.34	0.39	0.44	1.23	1.36	1.76	2.18	1.20	1.79	2.12	2.68	1.40	1.45	1.82	1.76	1.23	1.14	1.08	0.94	0.72	0.65
	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	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	27.64	18.39	40.74	16.18	16.61	36.09	38.56	38.48	41.38	46.22	45.77	45.08	42.87	45.18	42.97	70.46	50.11	44.53	41.82	44.30	41.30	41.31	34.45	24.73
61762	1.10	0.93	0.76	0.62	0.70	0.80	2.12	2.20	2.80	3.28	1.74	2.66	3.11	3.89	2.07	2.02	2.54	2.49	1.70	1.59	1.55	1.33	1.10	1.03
	-8.68	0.00	-24.17	-0.48	-0.15	-20.57	-5.11	-10.79	-9.48	-7.04	-25.78	-15.04	-8.69	-1.25	-20.07	-46.83	-18.69	-12.60	-20.00	-24.23	-20.17	-21.75	-17.05	-7.77
MHK VL	18.32	17.90	16.20	15.48	16.15	15.08	32.13	25.94	29.47	36.41	18.42	27.77	31.42	40.49	21.09	21.88	29.24	29.88	20.42	18.80	19.96	18.56	16.60	16.30
61756	0.46	0.44	0.39	0.40	0.39	0.36	0.80	0.44	0.37	0.50	0.17	0.39	0.35	0.45	0.25	0.27	0.37	0.43	0.30	0.32	0.37	0.33	0.30	0.36
	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	0.00	0.00	0.00
MILLWD	18.47	17.94	16.17	15.33	16.07	15.11	32.55	26.91	31.00	38.26	19.56	29.35	33.40	42.99	22.37	23.17	30.82	31.33	21.42	19.67	20.68	19.19	17.03	16.57
61759	0.60	0.49	0.36	0.25	0.31	0.39	1.21	1.42	1.90	2.36	1.31	1.97	2.33	2.95	1.54	1.56	1.95	1.88	1.30	1.18	1.10	0.96	0.72	0.63
	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
N.Y.C.	26.26	18.42	16.56	15.70	16.44	18.69	42.88	40.77	44.90	54.72	43.38	55.32	45.82	47.10	54.58	43.86	44.56	37.26	32.35	37.68	38.13	35.13	32.25	40.80
61761	1.13	0.96	0.75	0.62	0.68	0.79	2.14	2.25	2.94	3.66	2.00	3.01	3.52	4.43	2.31	2.33	2.94	2.90	1.97	1.80	1.71	1.49	1.19	1.11
	-7.27	0.00	0.00	0.00	0.00	-3.20	-9.40	-13.03	-12.86	-15.16	-23.13	-24.93	-11.24	-2.63	-31.43	-19.93	-12.75	-4.92	-10.26	-17.39	-16.83	-15.41	-14.75	-23.76
NORTH	17.76	17.34	15.71	15.01	15.67	14.66	31.26	25.27	28.56	35.27	17.83	26.83	30.37	39.19	20.42	21.17	28.30	28.92	19.71	18.12	19.21	17.90	16.05	15.68
61755	-0.11	-0.12	-0.10	-0.07	-0.09	-0.05	-0.08	-0.22	-0.54	-0.63	-0.41	-0.55	-0.70	-0.85	-0.41	-0.44	-0.58	-0.53	-0.40	-0.36	-0.38	-0.33	-0.26	-0.26
	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	18.78	18.39	16.67	15.87	16.56	15.46	22.63	32.90	30.43	37.68	19.03	28.67	32.47	41.64	21.62	22.38	29.95	30.67	20.89	19.27	20.46	19.02	16.98	16.65
61845	0.92	0.93	0.86	0.79	0.81	0.75	0.98	1.88	1.33	1.78	0.78	1.28	1.41	1.60	0.79	0.77	1.08	1.22	0.77	0.79	0.88	0.80	0.67	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	4.87	6.58	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

PJH	61846	15.42 -2.44 0.00	14.96 -2.50 0.00	13.58 -2.23 0.00	13.00 -2.08 0.00	13.64 -2.12 0.00	12.77 -1.94 0.00	20.38 -1.27 4.87	30.42 -0.60 6.58	25.54 -3.56 0.00	31.10 -4.81 0.00	16.07 -2.18 0.00	23.81 -3.57 0.00	27.09 -3.97 0.00	35.34 -4.69 0.00	18.44 -2.39 0.00	19.18 -2.43 0.00	25.40 -3.47 0.00	25.75 -3.70 0.00	17.74 -2.38 0.00	16.15 -2.33 0.00	17.08 -2.51 0.00	16.00 -2.23 0.00	14.29 -2.01 0.00	13.82 -2.12 0.00
PJM	61847	9.99 -3.56 12.40	17.00 -2.56 1.23	15.00 -2.74 4.15	16.00 -2.04 2.17	15.84 -2.27 1.96	17.00 -1.54 0.97	20.01 -1.64 4.87	30.00 -1.02 6.58	27.72 -1.38 0.00	34.16 -1.75 0.00	17.51 -0.74 0.00	26.09 -1.29 0.00	29.59 -1.47 0.00	38.77 -1.26 0.00	20.44 -0.39 0.00	21.28 -0.33 0.00	28.22 -0.65 0.00	28.62 -0.83 0.00	19.72 -0.40 0.00	18.06 -0.42 0.00	19.02 -0.56 0.00	17.74 -0.49 0.00	15.79 -0.51 0.00	15.34 -0.60 0.00
WEST	61752	17.27 -0.60 0.00	16.75 -0.71 0.00	15.21 -0.60 0.00	14.58 -0.50 0.00	15.30 -0.46 0.00	14.33 -0.38 0.00	30.39 -0.95 0.00	25.08 -0.41 0.00	28.63 -0.47 0.00	34.75 -1.15 0.00	18.04 -0.20 0.00	26.71 -0.67 0.00	30.40 -0.67 0.00	39.70 -0.34 0.00	20.75 -0.08 0.00	21.61 -0.01 0.00	28.60 -0.27 0.00	28.95 -0.50 0.00	19.95 -0.17 0.00	18.15 -0.33 0.00	19.19 -0.39 0.00	18.01 -0.22 0.00	16.09 -0.22 0.00	15.52 -0.42 0.00