

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/12/2000

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	63.92	45.73	47.24	41.51	40.97	32.72	48.99	41.86	43.78	41.46	60.70	73.34	46.89	42.92	43.72	43.24	43.15	33.59	-17.03	14.06	23.90	19.92	13.45	14.53
61757	1.22	0.59	1.14	1.12	0.84	0.33	0.07	-0.03	-0.12	-0.07	-0.18	-0.13	-0.26	-0.35	-0.32	-0.58	-0.66	-0.12	0.94	-0.33	-0.55	-0.37	-0.28	-0.18
	0.00	0.00	0.00	0.00	0.00	-2.97	-36.08	-19.57	-15.74	-29.45	-44.90	-62.70	-30.27	-22.42	-24.20	-8.95	-5.74	-7.75	-6.10	-2.49	0.00	0.00	0.00	0.00
CENTRL	60.67	43.72	44.49	38.95	38.74	28.73	15.89	23.48	28.80	14.67	19.71	16.04	19.31	23.04	22.05	34.77	37.64	26.52	-22.12	12.14	23.99	19.73	13.44	14.49
61754	-2.03	-1.42	-1.61	-1.45	-1.39	-0.98	-0.40	-0.70	-0.87	-0.32	-0.44	-0.28	-0.42	-0.56	-0.52	-0.95	-1.06	-0.17	1.07	-0.12	-0.46	-0.56	-0.29	-0.22
	0.00	0.00	0.00	0.00	0.00	-0.28	-3.45	-1.87	-1.51	-2.92	-4.17	-5.55	-2.84	-2.76	-2.74	-0.85	-0.63	-0.73	-0.88	-0.36	0.00	0.00	0.00	0.00
DUNWOD	67.72	48.79	49.52	43.43	43.40	34.41	42.17	40.07	43.79	37.91	55.14	72.99	47.63	74.06	54.35	46.29	48.38	32.82	49.84	45.49	27.08	22.63	15.20	16.02
61760	5.02	3.65	3.41	3.04	3.27	2.68	1.36	2.59	3.42	1.49	1.97	1.36	2.13	2.64	2.51	4.38	4.72	0.90	-5.27	1.22	2.63	2.34	1.47	1.32
	0.00	0.00	0.00	0.00	0.00	-2.30	-27.97	-15.17	-12.20	-24.34	-37.19	-60.85	-28.61	-50.57	-32.00	-7.03	-5.59	-5.96	-79.16	-32.37	0.00	0.00	0.00	0.00
GENESE	60.23	43.13	44.00	38.45	38.11	28.11	15.63	22.98	27.93	14.29	19.23	15.67	18.77	22.28	21.27	33.46	36.15	26.21	-20.35	11.72	23.24	19.03	12.97	14.10
61753	-2.47	-2.01	-2.10	-1.94	-2.03	-1.60	-0.70	-1.23	-1.75	-0.72	-0.90	-0.62	-0.94	-1.29	-1.28	-2.26	-2.55	-0.48	2.88	-0.52	-1.21	-1.26	-0.76	-0.60
	0.00	0.00	0.00	0.00	0.00	-0.29	-3.49	-1.89	-1.52	-2.93	-4.15	-5.52	-2.82	-2.72	-2.71	-0.85	-0.62	-0.73	-0.84	-0.34	0.00	0.00	0.00	0.00
H Q	61.85	44.52	45.39	39.75	39.48	28.89	12.37	21.68	27.39	11.62	15.39	10.21	16.30	20.27	19.25	34.01	37.13	25.73	-22.80	11.68	23.93	19.86	13.44	14.39
61844	-0.85	-0.62	-0.72	-0.65	-0.66	-0.52	-0.26	-0.52	-0.68	-0.28	-0.36	-0.26	-0.44	-0.51	-0.47	-0.82	-0.91	-0.19	1.12	-0.28	-0.53	-0.43	-0.29	-0.31
	0.00	0.00	0.00	0.00	0.00	0.02	0.21	0.11	0.09	0.17	0.24	0.30	0.15	0.06	0.11	0.05	0.03	0.04	-0.14	-0.06	0.00	0.00	0.00	0.00
HUD VL	66.43	47.86	48.70	42.69	42.61	33.77	41.81	39.42	42.93	37.38	54.05	69.75	45.95	67.12	51.53	45.20	47.14	32.60	34.99	38.68	26.51	22.09	14.87	15.74
61758	3.73	2.72	2.60	2.30	2.48	2.05	1.03	1.95	2.58	1.13	1.50	1.03	1.62	2.01	1.90	3.33	3.59	0.68	-4.11	0.96	2.05	1.80	1.14	1.03
	0.00	0.00	0.00	0.00	0.00	-2.30	-27.94	-15.16	-12.19	-24.17	-36.57	-57.94	-27.44	-44.26	-29.79	-7.00	-5.48	-5.96	-63.15	-25.82	0.00	0.00	0.00	0.00
LONGIL	69.08	49.75	50.24	44.05	44.01	34.86	42.88	44.82	44.78	41.58	55.71	72.35	47.91	74.48	54.76	46.97	49.04	32.93	49.25	45.57	45.54	43.74	15.82	18.88
61762	6.38	4.61	4.14	3.66	3.87	3.13	1.59	3.04	4.10	1.76	2.28	1.58	2.50	3.02	2.87	5.05	5.37	1.00	-5.86	1.30	2.96	2.77	1.80	1.68
	0.00	0.00	0.00	0.00	0.00	-2.30	-28.44	-19.47	-12.53	-27.74	-37.45	-59.99	-28.52	-50.61	-32.04	-7.04	-5.60	-5.97	-79.16	-32.37	-18.13	-20.68	-0.30	-2.49
MHK VL	63.13	45.41	46.39	40.69	40.34	29.58	13.72	22.80	28.55	12.85	17.03	12.26	17.59	21.72	20.59	34.97	38.12	26.14	-23.19	12.09	24.33	20.20	13.65	14.66
61756	0.43	0.27	0.29	0.30	0.21	0.08	0.01	0.01	0.01	0.01	-0.06	-0.04	-0.07	-0.09	-0.07	-0.13	-0.13	-0.02	0.19	-0.08	-0.12	-0.09	-0.08	-0.05
	0.00	0.00	0.00	0.00	0.00	-0.07	-0.88	-0.48	-0.38	-0.76	-1.10	-1.53	-0.77	-0.96	-0.82	-0.22	-0.18	-0.19	-0.68	-0.28	0.00	0.00	0.00	0.00
MILLWD	67.01	48.29	49.02	43.00	42.97	34.05	41.73	39.63	43.30	37.51	55.39	76.09	47.56	72.75	53.61	45.79	47.86	32.67	48.08	44.45	26.81	22.39	15.04	15.86
61759	4.30	3.15	2.92	2.60	2.83	2.35	1.20	2.30	3.05	1.34	1.78	1.22	1.93	2.38	2.27	3.96	4.26	0.81	-4.77	1.10	2.36	2.10	1.31	1.16
	0.00	0.00	0.00	0.00	0.00	-2.28	-27.69	-15.02	-12.08	-24.09	-37.63	-64.09	-28.75	-49.52	-31.50	-6.96	-5.53	-5.90	-76.91	-31.45	0.00	0.00	0.00	0.00
N.Y.C.	68.51	49.42	50.11	43.98	43.98	34.87	44.57	52.73	69.01	73.36	73.42	74.86	77.25	77.49	54.76	47.00	49.13	47.03	68.34	48.99	30.21	23.05	15.45	16.24
61761	5.80	4.28	4.01	3.58	3.84	3.14	1.61	3.07	4.05	1.74	2.26	1.55	2.43	3.02	2.89	5.08	5.46	1.05	-5.97	1.41	3.05	2.76	1.72	1.53
	0.00	0.00	0.00	0.00	0.00	-2.30	-30.12	-27.35	-36.80	-59.54	-55.18	-62.53	-57.93	-53.62	-32.04	-7.04	-5.60	-20.02	-98.38	-35.69	-2.70	0.00	0.00	0.00
NORTH	61.91	44.54	45.41	39.78	39.48	28.84	12.22	21.53	27.23	11.49	15.20	10.03	16.15	20.18	19.13	33.85	36.97	25.69	-22.50	11.65	23.83	19.80	13.38	14.32
61755	-0.79	-0.60	-0.69	-0.62	-0.66	-0.56	-0.29	-0.61	-0.79	-0.33	-0.42	-0.31	-0.51	-0.60	-0.55	-0.96	-1.06	-0.21	1.31	-0.34	-0.62	-0.49	-0.35	-0.38
	0.00	0.00	0.00	0.00	0.00	0.03	0.32	0.17	0.14	0.26	0.36	0.44	0.23	0.07	0.16	0.07	0.05	0.06	-0.24	-0.10	0.00	0.00	0.00	0.00
NPX	63.79	45.69	47.05	41.28	40.90	32.60	46.26	40.61	42.95	39.68	57.50	69.89	46.10	51.91	45.96	43.21	43.67	33.07	6.65	24.33	24.34	20.28	13.71	14.73
61845	1.09	0.55	0.95	0.88	0.76	0.44	0.18	0.26	0.29	0.10	0.07	0.05	0.05	0.06	0.06	0.09	0.07	0.01	0.06	-0.11	-0.12	-0.01	-0.02	0.03
	0.00	0.00	0.00	0.00	0.00	-2.73	-33.24	-18.03	-14.50	-27.50	-41.44	-59.07	-29.17	-31.00	-26.06	-8.24	-5.52	-7.10	-30.65	-12.53	0.00	0.00	0.00	0.00

OH 61846	60.64	43.83	44.44	38.74	38.77	29.02	16.96	23.97	29.05	15.30	20.56	17.33	19.84	23.43	22.50	34.68	37.52	26.62	-22.10	12.33	24.21	19.71	13.46	14.68
	-2.06	-1.31	-1.67	-1.66	-1.36	-0.78	-0.36	-0.77	-1.07	-0.52	-0.72	-0.47	-0.64	-0.89	-0.80	-1.28	-1.35	-0.28	0.90	0.00	-0.25	-0.58	-0.27	-0.03
	0.00	0.00	0.00	0.00	0.00	-0.37	-4.47	-2.43	-1.95	-3.74	-5.29	-7.02	-3.60	-3.47	-3.46	-1.08	-0.80	-0.93	-1.06	-0.43	0.00	0.00	0.00	0.00
PJM 61847	60.40	43.76	44.41	38.82	38.76	29.13	18.43	25.05	30.24	16.79	22.62	19.77	21.39	25.13	24.26	36.82	39.75	27.30	-23.79	12.84	25.08	20.56	13.71	14.67
	-2.30	-1.38	-1.70	-1.58	-1.38	-0.78	-0.30	-0.46	-0.49	-0.20	-0.26	-0.17	-0.18	-0.23	-0.09	0.53	0.64	0.12	-1.12	0.37	0.63	0.27	-0.01	-0.04
	0.00	0.00	0.00	0.00	0.00	-0.48	-5.90	-3.20	-2.57	-4.92	-6.90	-9.16	-4.69	-4.52	-4.51	-1.41	-1.04	-1.22	-1.39	-0.57	0.00	0.00	0.00	0.00
WEST 61752	60.24	43.51	44.05	38.41	38.47	28.79	16.78	23.81	28.81	15.14	20.41	17.18	19.78	23.36	22.39	34.56	37.42	26.59	-22.10	12.38	24.32	19.79	13.49	14.72
	-2.46	-1.63	-2.06	-1.99	-1.67	-1.00	-0.42	-0.87	-1.25	-0.60	-0.73	-0.46	-0.62	-0.87	-0.82	-1.37	-1.42	-0.29	0.92	0.05	-0.13	-0.50	-0.24	0.02
	0.00	0.00	0.00	0.00	0.00	-0.36	-4.36	-2.37	-1.90	-3.65	-5.16	-6.86	-3.51	-3.39	-3.37	-1.05	-0.78	-0.91	-1.04	-0.42	0.00	0.00	0.00	0.00