

## Average Real Time LBMP - Zonal

--- LBMP \$

### --- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Zonal Prices

**Date: 01/23/2000**

Name Ptid	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
CAPITL 61757	51.48	43.12	41.72	38.05	14.32	18.49	20.57	12.54	14.64	37.63	68.15	52.45	46.10	42.69	37.35	25.53	48.75	397.96	177.09	125.45	110.06	58.71	37.76	21.13
	4.34	3.51	3.36	2.95	1.06	1.44	1.59	0.86	1.12	3.30	0.89	1.14	1.11	1.05	0.99	1.50	3.74	9.47	14.82	10.61	1.40	0.56	1.52	1.33
	0.00	0.00	0.00	-0.05	-0.45	0.00	0.00	-0.20	0.00	0.00	-57.19	-38.20	-31.77	-28.59	-23.49	-4.83	0.00	-282.99	0.00	0.00	-93.15	-50.43	-14.35	0.00
CENTRL 61754	45.44	38.19	36.92	33.73	12.44	16.51	18.35	11.17	13.16	33.14	15.78	16.72	16.13	15.61	14.89	18.99	43.29	131.58	156.42	110.72	24.83	12.78	22.64	19.16
	-1.69	-1.42	-1.44	-1.33	-0.42	-0.55	-0.64	-0.32	-0.37	-1.18	-0.32	-0.42	-0.43	-0.45	-0.45	-0.71	-1.73	-3.87	-5.86	-4.12	-0.55	-0.26	-0.76	-0.65
	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	-0.02	0.00	0.00	-6.04	-4.03	-3.35	-3.01	-2.47	-0.50	0.00	-29.96	0.00	0.00	-9.86	-5.33	-1.51	0.00
DUNWOD 61760	49.83	41.87	40.62	37.24	13.98	18.05	20.13	12.39	14.50	36.83	55.25	43.80	38.97	36.36	32.23	24.62	48.93	334.17	174.69	123.30	89.76	47.93	35.04	21.37
	2.70	2.26	2.26	2.15	0.82	1.00	1.14	0.77	0.98	2.50	0.75	1.01	1.08	1.10	1.11	1.67	3.92	8.80	12.42	8.46	1.20	0.68	1.90	1.57
	0.00	0.00	0.00	-0.04	-0.35	0.00	0.00	-0.16	0.00	0.00	-44.43	-29.68	-24.68	-22.21	-18.24	-3.75	0.00	-219.87	0.00	0.00	-73.04	-39.54	-11.25	0.00
GENESE 61753	46.39	38.89	37.51	34.17	12.52	16.72	18.59	11.25	13.21	33.50	15.28	16.46	15.91	15.42	14.73	19.09	43.72	130.08	159.49	113.05	24.16	12.31	22.61	19.26
	-0.74	-0.72	-0.86	-0.89	-0.33	-0.34	-0.40	-0.24	-0.31	-0.83	-0.24	-0.29	-0.32	-0.35	-0.37	-0.56	-1.29	-2.49	-2.78	-1.79	-0.26	-0.22	-0.65	-0.54
	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	-0.02	0.00	0.00	-5.46	-3.64	-3.02	-2.72	-2.23	-0.46	0.00	-27.06	0.00	0.00	-8.91	-4.81	-1.37	0.00
H Q 61844	46.87	39.34	38.11	34.82	12.72	16.96	18.88	11.39	13.43	34.07	9.65	12.77	12.90	12.80	12.65	19.05	44.65	103.08	161.48	114.30	14.89	7.38	21.69	19.69
	-0.26	-0.27	-0.25	-0.23	-0.08	-0.09	-0.10	-0.08	-0.10	-0.26	-0.08	-0.12	-0.12	-0.09	-0.08	-0.12	-0.36	-0.76	-0.80	-0.54	-0.08	-0.04	-0.12	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.22	0.19	0.17	0.14	0.03	0.00	1.66	0.00	0.00	0.55	0.29	0.08	0.00
HUD VL 61758	48.95	41.14	39.92	36.59	13.74	17.76	19.77	12.17	14.23	36.11	55.30	43.68	38.78	36.14	31.98	24.11	47.68	332.80	170.78	120.53	89.44	47.75	34.43	20.89
	1.82	1.53	1.56	1.50	0.58	0.71	0.78	0.54	0.70	1.78	0.53	0.71	0.74	0.75	0.75	1.14	2.66	6.08	8.50	5.68	0.80	0.45	1.27	1.09
	0.00	0.00	0.00	-0.04	-0.35	0.00	0.00	-0.16	0.00	0.00	-44.70	-29.86	-24.83	-22.34	-18.35	-3.78	0.00	-221.22	0.00	0.00	-73.13	-39.59	-11.26	0.00
LONGIL 61762	60.07	46.03	59.01	50.27	42.88	39.53	39.87	39.84	44.88	50.05	57.55	53.53	52.45	52.67	52.37	72.12	118.67	356.03	185.88	128.44	128.73	77.69	43.05	21.96
	4.02	3.37	3.44	3.24	1.22	1.51	1.67	1.07	1.30	3.35	0.99	1.36	1.43	1.45	1.45	2.21	4.96	10.63	14.50	10.16	1.55	0.85	2.41	2.02

	-8.93	-3.05	-17.20	-11.97	-28.86	-20.96	-19.22	-27.30	-30.05	-12.37	-46.49	-39.06	-37.81	-38.16	-38.04	-50.72	-68.70	-239.91	-9.11	-3.43	-111.66	-69.13	-18.75	-0.13
MHK VL 61756	47.95	40.25	38.96	35.54	13.00	17.32	19.32	11.66	13.77	35.06	11.71	14.30	14.22	13.97	13.66	19.63	45.86	115.12	166.25	117.66	18.27	9.12	22.56	20.03
	0.82	0.64	0.60	0.49	0.18	0.27	0.33	0.18	0.25	0.73	0.19	0.22	0.21	0.20	0.19	0.31	0.85	2.35	3.97	2.81	0.37	0.13	0.30	0.23
	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-1.46	-0.97	-0.81	-0.72	-0.59	-0.12	0.00	-7.27	0.00	0.00	-2.39	-1.28	-0.36	0.00
MILLWD 61759	49.07	41.25	40.02	36.70	13.77	17.79	19.84	12.21	14.28	36.26	54.63	43.28	38.49	35.90	31.81	24.23	48.12	330.12	172.03	121.42	88.77	47.40	34.55	21.05
	1.94	1.64	1.66	1.61	0.62	0.74	0.85	0.59	0.76	1.94	0.58	0.79	0.84	0.86	0.88	1.32	3.11	6.97	9.76	6.58	0.94	0.54	1.52	1.24
	0.00	0.00	0.00	-0.04	-0.35	0.00	0.00	-0.16	0.00	0.00	-43.98	-29.38	-24.43	-21.98	-18.06	-3.72	0.00	-217.65	0.00	0.00	-72.31	-39.14	-11.14	0.00
N.Y.C. 61761	50.97	42.77	41.46	38.01	14.26	18.42	20.55	12.66	14.86	37.78	55.63	44.27	39.44	36.83	32.69	25.26	50.43	338.04	179.45	126.54	90.33	48.24	35.75	21.94
	3.84	3.16	3.10	2.92	1.10	1.36	1.57	1.04	1.33	3.46	1.04	1.41	1.50	1.53	1.53	2.31	5.42	12.16	17.17	11.70	1.67	0.93	2.59	2.14
	0.00	0.00	0.00	-0.04	-0.35	0.00	0.00	-0.16	0.00	0.00	-44.53	-29.75	-24.74	-22.26	-18.28	-3.76	0.00	-220.37	0.00	0.00	-73.15	-39.59	-11.26	0.00
NORTH 61755	47.11	39.51	38.26	34.94	12.76	17.03	18.96	11.43	13.48	34.26	9.52	12.70	12.84	12.75	12.62	19.09	44.84	102.83	162.53	115.05	14.69	7.24	21.70	19.72
	-0.02	-0.10	-0.10	-0.11	-0.04	-0.03	-0.03	-0.04	-0.05	-0.07	-0.03	-0.07	-0.08	-0.05	-0.05	-0.07	-0.17	-0.15	0.26	0.21	0.01	-0.02	-0.06	-0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.34	0.28	0.25	0.21	0.04	0.00	2.52	0.00	0.00	0.83	0.45	0.13	0.00
NPX 61845	49.58	41.60	40.32	36.83	13.84	17.88	19.90	12.16	14.16	36.23	63.84	49.36	43.46	40.30	35.36	24.63	47.36	374.72	171.04	121.07	103.03	54.99	36.17	20.60
	2.45	1.99	1.96	1.74	0.62	0.83	0.91	0.50	0.64	1.91	0.52	0.67	0.67	0.63	0.62	0.93	2.35	5.71	8.76	6.23	0.82	0.35	0.92	0.80
	0.00	0.00	0.00	-0.05	-0.42	0.00	0.00	-0.19	0.00	0.00	-53.25	-35.57	-29.59	-26.62	-21.87	-4.50	0.00	-263.51	0.00	0.00	-86.69	-46.93	-13.35	0.00
O H 61846	44.20	37.34	36.17	33.13	12.18	16.16	17.95	10.90	12.57	31.35	16.49	16.94	16.21	15.67	14.86	18.31	41.16	132.11	148.41	104.94	25.99	13.55	22.38	18.89
	-2.93	-2.27	-2.19	-1.92	-0.68	-0.89	-1.03	-0.60	-0.95	-2.98	-0.79	-0.99	-1.00	-0.98	-0.97	-1.49	-3.85	-9.19	-13.87	-9.90	-1.31	-0.53	-1.32	-0.92
	0.00	0.00	0.00	-0.01	-0.05	0.00	0.00	-0.02	0.00	0.00	-7.22	-4.82	-4.01	-3.60	-2.95	-0.61	0.00	-35.80	0.00	0.00	-11.79	-6.37	-1.81	0.00
PJM 61847	43.75	36.87	35.74	32.74	12.09	15.95	17.79	10.84	12.67	31.85	18.89	18.57	17.59	16.93	15.92	18.70	41.72	144.93	150.50	106.31	29.90	15.63	22.98	18.70
	-3.38	-2.74	-2.62	-2.32	-0.79	-1.10	-1.19	-0.67	-0.86	-2.48	-0.67	-0.88	-0.88	-0.86	-0.84	-1.30	-3.29	-7.61	-11.78	-8.53	-1.11	-0.46	-1.30	-1.10
	0.00	0.00	0.00	-0.01	-0.07	0.00	0.00	-0.03	0.00	0.00	-9.49	-6.34	-5.27	-4.74	-3.89	-0.80	0.00	-47.05	0.00	0.00	-15.49	-8.38	-2.38	0.00
WEST 61752	44.01	37.17	36.01	33.00	12.13	16.09	17.89	10.87	12.54	31.23	16.35	16.84	16.13	15.60	14.80	18.28	41.08	131.33	148.25	104.78	25.75	13.44	22.35	18.85
	-3.12	-2.44	-2.35	-2.06	-0.73	-0.96	-1.10	-0.63	-0.98	-3.09	-0.81	-1.01	-1.01	-0.99	-0.98	-1.51	-3.93	-9.35	-14.03	-10.06	-1.35	-0.53	-1.32	-0.95
	0.00	0.00	0.00	-0.01	-0.05	0.00	0.00	-0.02	0.00	0.00	-7.10	-4.73	-3.93	-3.54	-2.90	-0.59	0.00	-35.18	0.00	0.00	-11.58	-6.26	-1.78	0.00