

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

### --- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Zonal Prices

**Date: 05/17/2000**

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	13.46	4.54	11.45	12.21	8.87	12.75	26.41	28.65	28.34	26.50	29.18	24.37	20.81	22.99	51.82	26.09	30.91	30.99	21.64	21.02	41.25	27.68	20.27	13.41
	-0.01	0.03	0.16	0.15	0.08	0.01	0.10	0.24	0.20	0.13	0.14	0.30	0.16	0.15	0.32	0.16	0.23	0.12	-0.05	-0.06	0.22	0.09	0.06	-0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.79	0.00	0.00	0.00	0.00	0.00	0.00	-16.83	-1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL 61754	13.29	4.45	11.11	11.88	8.66	12.58	25.82	27.04	27.43	25.71	28.31	23.45	20.14	22.30	35.53	23.86	29.91	30.10	21.21	20.63	40.12	26.97	19.73	13.16
	-0.18	-0.07	-0.18	-0.18	-0.12	-0.16	-0.49	-0.65	-0.71	-0.65	-0.73	-0.61	-0.51	-0.55	-0.85	-0.59	-0.78	-0.76	-0.48	-0.46	-0.91	-0.63	-0.47	-0.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-1.72	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD 61760	14.45	4.81	11.94	12.74	9.29	13.60	28.50	30.82	30.99	29.04	32.06	26.50	22.81	25.20	51.37	28.18	33.83	34.03	23.97	23.30	45.21	30.36	22.32	14.68
	0.97	0.29	0.65	0.67	0.50	0.86	2.19	2.59	2.85	2.68	3.02	2.43	2.15	2.36	3.65	2.62	3.15	3.17	2.27	2.21	4.18	2.76	2.12	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	0.00	0.00	0.00	0.00	0.00	0.00	-13.06	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE 61753	13.13	4.41	11.05	11.82	8.62	12.46	25.41	26.36	26.71	25.09	27.62	23.01	19.70	21.85	34.58	23.16	29.11	29.16	20.54	20.01	38.89	26.15	19.09	12.87
	-0.35	-0.11	-0.24	-0.24	-0.17	-0.28	-0.90	-1.32	-1.44	-1.27	-1.42	-1.05	-0.95	-1.00	-1.65	-1.27	-1.57	-1.71	-1.16	-1.07	-2.15	-1.44	-1.12	-0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	-1.57	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q 61844	13.26	4.44	11.11	11.88	8.66	12.57	25.81	27.02	27.47	25.78	28.44	23.58	20.18	22.30	33.72	23.62	30.02	30.18	21.12	20.53	40.01	26.94	19.68	13.10
	-0.21	-0.08	-0.18	-0.18	-0.13	-0.17	-0.50	-0.59	-0.67	-0.59	-0.60	-0.48	-0.48	-0.54	-0.87	-0.65	-0.67	-0.69	-0.57	-0.55	-1.03	-0.65	-0.52	-0.32
	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	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL 61758	14.23	4.75	11.81	12.60	9.19	13.41	27.97	30.14	30.24	28.32	31.24	25.82	22.22	24.57	50.38	27.49	32.99	33.21	23.40	22.75	44.15	29.65	21.81	14.41
	0.76	0.23	0.52	0.54	0.40	0.67	1.65	1.91	2.10	1.96	2.20	1.75	1.57	1.72	2.68	1.93	2.31	2.34	1.71	1.66	3.12	2.06	1.60	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	0.00	0.00	0.00	0.00	0.00	0.00	-13.04	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL 61762	25.23	31.04	17.37	27.07	33.03	29.67	29.02	30.95	31.00	29.15	32.25	26.67	29.66	29.41	51.64	28.35	34.05	34.21	24.06	23.37	43.88	37.71	37.09	36.38
	1.16	0.36	0.83	0.88	0.65	1.07	2.54	2.72	2.86	2.79	3.21	2.61	2.31	2.54	3.90	2.79	3.37	3.34	2.37	2.28	4.41	2.94	2.29	1.43

	-10.59	-26.16	-5.24	-14.13	-23.60	-15.86	-0.17	-0.62	0.00	0.00	0.00	0.00	-6.70	-4.03	-13.08	-1.29	0.00	0.00	0.00	0.00	1.57	-7.18	-14.59	-21.53
MHK VL 61756	13.41 -0.07 0.00	4.50 -0.02 0.00	11.28 -0.01 0.00	12.05 -0.01 0.00	8.78 -0.01 0.00	12.72 -0.02 0.00	26.23 -0.08 0.00	27.60 -0.03 0.00	28.09 -0.05 0.00	26.30 -0.06 0.00	28.98 -0.06 0.00	24.10 0.03 0.00	20.65 -0.01 0.00	22.82 -0.02 0.00	35.07 0.00 -0.41	24.33 0.01 -0.04	30.68 0.00 0.00	30.87 0.00 0.00	21.68 -0.01 0.00	21.07 -0.02 0.00	41.12 0.08 0.00	27.61 0.02 0.00	20.18 -0.02 0.00	13.35 -0.07 0.00
MILLWD 61759	14.30 0.83 0.00	4.76 0.24 0.00	11.83 0.54 0.00	12.62 0.55 0.00	9.20 0.42 0.00	13.47 0.73 0.00	28.20 1.89 0.00	30.47 2.24 -0.61	30.63 2.49 0.00	28.71 2.34 0.00	31.69 2.66 0.00	26.18 2.12 0.00	22.54 1.88 0.00	24.91 2.06 0.00	50.78 3.20 -12.92	27.85 2.30 -1.27	33.43 2.75 0.00	33.64 2.77 0.00	23.69 2.00 0.00	23.03 1.94 0.00	44.69 3.65 0.00	30.00 2.41 0.00	22.07 1.87 0.00	14.52 1.10 0.00
N.Y.C. 61761	14.66 1.19 0.00	4.87 0.36 0.00	12.09 0.80 0.00	12.89 0.82 0.00	9.40 0.62 0.00	13.80 1.05 0.00	29.02 2.71 0.00	38.15 3.26 -7.28	39.79 3.62 -8.03	59.19 3.37 -29.46	46.05 3.73 -13.27	52.93 3.00 -25.86	64.53 2.62 -41.25	70.51 2.89 -44.78	74.68 4.48 -35.54	74.42 3.22 -46.92	74.47 3.88 -39.91	51.61 3.89 -16.85	46.31 2.78 -21.83	45.56 2.74 -21.73	46.98 5.23 -0.72	36.74 3.45 -5.70	29.00 2.63 -6.16	14.98 1.56 0.00
NORTH 61755	13.25 -0.23 0.00	4.44 -0.08 0.00	11.11 -0.18 0.00	11.88 -0.18 0.00	8.67 -0.12 0.00	12.58 -0.17 0.00	25.80 -0.52 0.00	27.01 -0.59 0.01	27.45 -0.69 0.00	25.75 -0.61 0.00	28.41 -0.63 0.00	23.59 -0.47 0.00	20.10 -0.56 0.00	22.20 -0.64 0.00	33.53 -1.03 0.11	23.52 -0.75 0.01	29.90 -0.79 0.00	30.07 -0.80 0.00	21.04 -0.66 0.00	20.45 -0.63 0.00	39.91 -1.13 0.00	26.86 -0.73 0.00	19.60 -0.60 0.00	13.03 -0.39 0.00
NPX 61845	13.54 0.07 0.00	4.55 0.04 0.00	11.43 0.14 0.00	12.19 0.13 0.00	8.87 0.08 0.00	12.79 0.05 0.00	26.58 0.27 0.00	28.79 0.44 -0.73	28.62 0.48 0.00	26.75 0.39 0.00	29.47 0.43 0.00	24.51 0.45 0.00	21.00 0.34 0.00	23.20 0.36 0.00	50.83 0.66 -15.51	26.25 0.45 -1.53	31.20 0.52 0.00	31.33 0.47 0.00	21.96 0.27 0.00	21.33 0.25 0.00	41.70 0.67 0.00	27.99 0.39 0.00	20.52 0.32 0.00	13.54 0.12 0.00
O H 61846	13.46 -0.02 0.00	4.49 -0.03 0.00	11.15 -0.13 0.00	11.98 -0.08 0.00	8.75 -0.03 0.00	12.74 0.00 0.00	25.98 -0.34 0.00	26.69 -1.01 -0.09	26.78 -1.36 0.00	25.14 -1.22 0.00	27.61 -1.43 0.00	22.57 -1.50 0.00	19.42 -1.23 0.00	21.55 -1.29 0.00	34.39 -2.20 -1.92	22.98 -1.48 -0.19	28.87 -1.81 0.00	29.04 -1.83 0.00	20.65 -1.04 0.00	20.14 -0.95 0.00	38.73 -2.30 0.00	26.09 -1.50 0.00	19.16 -1.04 0.00	13.12 -0.30 0.00
PJM 61847	13.12 -0.35 0.00	4.38 -0.14 0.00	10.89 -0.40 0.00	11.66 -0.40 0.00	8.52 -0.27 0.00	12.43 -0.32 0.00	25.52 -0.79 0.00	26.66 -1.07 -0.12	26.92 -1.22 0.00	25.20 -1.16 0.00	27.72 -1.32 0.00	22.76 -1.31 0.00	19.59 -1.06 0.00	21.73 -1.11 0.00	35.46 -1.68 -2.48	23.44 -1.08 -0.24	29.28 -1.40 0.00	29.57 -1.30 0.00	20.93 -0.77 0.00	20.37 -0.72 0.00	39.36 -1.68 0.00	26.49 -1.10 0.00	19.42 -0.79 0.00	12.99 -0.43 0.00
WEST 61752	13.56 0.08 0.00	4.52 0.00 0.00	11.23 -0.06 0.00	12.06 0.00 0.00	8.82 0.03 0.00	12.84 0.10 0.00	26.16 -0.16 0.00	26.84 -0.86 -0.09	26.93 -1.21 0.00	25.27 -1.10 0.00	27.74 -1.30 0.00	22.72 -1.34 0.00	19.57 -1.08 0.00	21.72 -1.12 0.00	34.60 -1.99 -1.92	23.10 -1.37 -0.19	29.00 -1.68 0.00	29.17 -1.69 0.00	20.76 -0.93 0.00	20.25 -0.83 0.00	38.96 -2.08 0.00	26.27 -1.33 0.00	19.25 -0.96 0.00	13.19 -0.23 0.00