

Average Real Time LBMP - Zonal

LBMP \$

Marginal Cost of Losses

Marginal Cost of Congestion

Zonal Prices

Date: 12/18/1999

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																								
CAPITL	13.10	15.19	13.26	13.75	12.60	11.05	11.82	13.87	15.63	15.36	14.89	13.07	12.79	12.54	12.82	11.83	93.25	154.53	131.95	27.74	27.86	26.43	14.04	14.62
61757	0.94	0.93	0.75	0.80	0.73	0.65	0.64	0.69	0.90	0.87	0.80	0.62	0.55	0.55	0.63	0.59	4.92	8.50	7.47	1.55	1.49	1.60	0.91	1.02
	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
CENTRL	11.86	13.97	12.28	12.70	11.65	10.20	10.99	12.97	14.44	14.19	13.80	12.22	12.05	11.81	12.01	11.07	86.62	143.06	121.84	25.61	25.77	24.20	12.81	13.33
61754	-0.29	-0.29	-0.23	-0.25	-0.22	-0.20	-0.19	-0.21	-0.29	-0.30	-0.29	-0.22	-0.19	-0.17	-0.18	-0.17	-1.70	-2.97	-2.65	-0.58	-0.61	-0.63	-0.32	-0.27
	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	12.79	14.90	13.01	13.47	12.35	10.84	11.77	13.99	15.70	15.50	15.15	13.41	13.19	12.85	12.99	11.97	95.08	157.26	134.42	28.35	28.52	26.77	14.13	14.45
61760	0.64	0.63	0.50	0.52	0.48	0.44	0.59	0.81	0.96	1.02	1.05	0.96	0.95	0.86	0.80	0.73	6.75	11.23	9.94	2.16	2.15	1.94	1.00	0.85
	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	11.82	13.98	12.20	12.62	11.58	10.17	10.93	12.81	14.24	13.95	13.56	11.98	11.85	11.67	11.90	10.96	85.65	141.25	120.02	25.14	25.21	23.76	12.61	13.26
61753	-0.33	-0.29	-0.31	-0.33	-0.28	-0.23	-0.25	-0.38	-0.49	-0.54	-0.54	-0.46	-0.39	-0.31	-0.30	-0.28	-2.67	-4.77	-4.46	-1.05	-1.17	-1.07	-0.52	-0.34
	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	12.04	14.15	12.42	12.86	11.79	10.34	11.10	13.05	14.57	14.30	13.90	12.27	12.07	11.84	12.05	11.11	86.72	143.28	121.92	25.65	25.89	24.45	12.94	13.44
61844	-0.11	-0.12	-0.08	-0.08	-0.07	-0.05	-0.08	-0.14	-0.17	-0.19	-0.19	-0.17	-0.17	-0.15	-0.14	-0.13	-1.61	-2.75	-2.56	-0.53	-0.49	-0.38	-0.19	-0.17
	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
HUD VL	12.66	14.77	12.91	13.36	12.25	10.75	11.64	13.81	15.49	15.28	14.91	13.19	12.98	12.64	12.80	11.80	93.46	154.58	131.94	27.80	27.98	26.27	13.88	14.27
61758	0.51	0.51	0.41	0.42	0.38	0.35	0.46	0.63	0.75	0.80	0.82	0.75	0.73	0.66	0.61	0.56	5.14	8.56	7.46	1.62	1.61	1.44	0.75	0.66
	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
LONGIL	30.25	30.22	26.54	29.11	29.36	29.49	29.85	28.86	29.24	30.73	29.31	30.34	30.40	30.29	29.86	29.54	104.63	159.49	138.14	34.59	34.44	34.53	34.38	32.87
61762																								

	0.94 -17.16	0.95 -15.01	0.78 -13.25	0.85 -15.32	0.78 -16.71	0.70 -18.39	0.86 -17.80	1.13 -14.54	1.29 -13.21	1.32 -14.92	1.34 -13.88	1.21 -16.68	1.18 -16.97	1.09 -17.22	1.03 -16.64	0.96 -17.33	8.28 -8.03	13.46 0.00	12.12 -1.54	2.60 -5.81	2.62 -5.45	2.50 -7.20	1.29 -19.96	1.15 -18.11
MHK VL 61756	12.26 0.11 0.00	14.35 0.09 0.00	12.58 0.07 0.00	13.03 0.08 0.00	11.94 0.07 0.00	10.46 0.06 0.00	11.26 0.07 0.00	13.30 0.11 0.00	14.92 0.19 0.00	14.67 0.19 0.00	14.27 0.17 0.00	12.57 0.13 0.00	12.35 0.11 0.00	12.12 0.13 0.00	12.32 0.12 0.00	11.32 0.08 0.00	88.83 0.51 0.00	146.95 0.92 0.00	125.30 0.82 0.00	26.35 0.17 0.00	26.53 0.15 0.00	25.05 0.22 0.00	13.26 0.14 0.00	13.73 0.13 0.00
MILLWD 61759	12.62 0.46 0.00	14.70 0.44 0.00	12.84 0.34 0.00	13.29 0.35 0.00	12.19 0.32 0.00	10.69 0.29 0.00	11.61 0.43 0.00	13.80 0.61 0.00	15.48 0.75 0.00	15.28 0.80 0.00	14.93 0.83 0.00	13.21 0.77 0.00	13.00 0.75 0.00	12.66 0.67 0.00	12.81 0.62 0.00	11.80 0.56 0.00	93.66 5.33 0.00	154.93 8.90 0.00	132.39 7.91 0.00	27.91 1.72 0.00	28.09 1.71 0.00	26.37 1.54 0.00	13.91 0.79 0.00	14.24 0.64 0.00
N.Y.C. 61761	12.97 0.82 0.00	15.07 0.81 0.00	13.15 0.64 0.00	13.61 0.66 0.00	12.48 0.61 0.00	10.95 0.56 0.00	11.92 0.73 0.00	14.19 1.00 0.00	15.94 1.21 0.00	15.76 1.28 0.00	15.42 1.33 0.00	13.65 1.21 0.00	13.43 1.19 0.00	13.08 1.09 0.00	13.22 1.03 0.00	12.18 0.94 0.00	96.79 8.47 0.00	160.04 14.01 0.00	136.89 12.41 0.00	28.89 2.70 0.00	29.05 2.67 0.00	27.26 2.43 0.00	14.38 1.25 0.00	14.68 1.07 0.00
NORTH 61755	12.07 -0.08 0.00	14.17 -0.09 0.00	12.44 -0.07 0.00	12.89 -0.06 0.00	11.81 -0.05 0.00	10.36 -0.03 0.00	11.12 -0.07 0.00	13.04 -0.14 0.00	14.59 -0.14 0.00	14.32 -0.16 0.00	13.93 -0.17 0.00	12.28 -0.17 0.00	12.07 -0.17 0.00	11.84 -0.15 0.00	12.06 -0.14 0.00	11.11 -0.13 0.00	86.78 -1.54 0.00	143.44 -2.59 0.00	122.03 -2.45 0.00	25.68 -0.51 0.00	25.91 -0.47 0.00	24.46 -0.37 0.00	12.94 -0.19 0.00	13.47 -0.14 0.00
NPX 61845	12.65 0.49 0.00	14.70 0.44 0.00	12.84 0.33 0.00	13.31 0.36 0.00	12.19 0.33 0.00	10.70 0.30 0.00	11.49 0.31 0.00	13.53 0.35 0.00	15.21 0.47 0.00	14.97 0.49 0.00	14.56 0.47 0.00	12.81 0.37 0.00	12.57 0.33 0.00	12.30 0.31 0.00	12.53 0.34 0.00	11.56 0.32 0.00	91.24 2.91 0.00	151.02 4.99 0.00	128.84 4.36 0.00	27.12 0.93 0.00	27.27 0.90 0.00	25.76 0.93 0.00	13.65 0.52 0.00	14.16 0.55 0.00
O H 61846	11.36 -0.79 0.00	13.66 -0.60 0.00	12.06 -0.44 0.00	12.46 -0.49 0.00	11.44 -0.43 0.00	10.02 -0.38 0.00	10.82 -0.36 0.00	12.64 -0.54 0.00	13.80 -0.94 0.00	13.47 -1.01 0.00	13.12 -0.98 0.00	11.69 -0.76 0.00	11.57 -0.68 0.00	11.36 -0.63 0.00	11.48 -0.71 0.00	10.53 -0.71 0.00	82.30 -6.03 0.00	135.86 -10.17 0.00	115.78 -8.70 0.00	24.30 -1.89 0.00	24.43 -1.95 0.00	22.93 -1.90 0.00	12.20 -0.93 0.00	12.80 -0.80 0.00
PJM 61847	11.45 -0.70 0.00	13.62 -0.65 0.00	12.00 -0.50 0.00	12.42 -0.53 0.00	11.39 -0.47 0.00	9.97 -0.43 0.00	10.76 -0.42 0.00	12.70 -0.49 0.00	14.10 -0.63 0.00	13.84 -0.64 0.00	13.47 -0.63 0.00	11.94 -0.50 0.00	11.79 -0.45 0.00	11.54 -0.44 0.00	11.68 -0.51 0.00	10.74 -0.50 0.00	84.33 -4.00 0.00	139.34 -6.69 0.00	118.52 -5.96 0.00	24.91 -1.28 0.00	25.09 -1.29 0.00	23.54 -1.29 0.00	12.48 -0.65 0.00	12.89 -0.71 0.00
WEST 61752	11.32 -0.84 0.00	13.69 -0.58 0.00	12.11 -0.39 0.00	12.50 -0.45 0.00	11.47 -0.40 0.00	10.05 -0.35 0.00	10.85 -0.33 0.00	12.70 -0.48 0.00	13.87 -0.87 0.00	13.54 -0.95 0.00	13.16 -0.94 0.00	11.73 -0.71 0.00	11.63 -0.62 0.00	11.43 -0.56 0.00	11.56 -0.64 0.00	10.60 -0.64 0.00	82.50 -5.82 0.00	136.12 -9.91 0.00	115.81 -8.67 0.00	24.32 -1.87 0.00	24.51 -1.87 0.00	23.02 -1.81 0.00	12.24 -0.89 0.00	12.82 -0.78 0.00