

Average Real Time LBMP - Zonal

LBMP \$

Marginal Cost of Losses

Marginal Cost of Congestion

Zonal Prices

Date: 12/09/1999

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	16.06	16.39	16.27	16.18	15.46	25.01	28.82	27.90	28.33	26.83	26.12	26.30	25.42	28.81	16.77	19.24	28.77	114.10	69.39	58.36	32.99	31.67	22.45	15.89
61757	0.70	0.72	0.69	0.71	0.72	1.10	1.23	1.05	0.80	0.87	0.70	0.32	0.26	0.25	0.34	0.42	0.89	3.72	1.97	1.63	0.86	0.50	0.84	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.54	-0.82	-1.53	-12.37	-12.76	-16.52	-0.02	-1.87	-2.01	-0.06	0.00	-1.62	-4.47	-15.89	-0.19	-1.12
CENTRL	15.05	15.33	15.25	15.12	14.42	23.38	27.05	26.42	22.20	24.76	23.59	14.67	13.55	13.59	16.09	16.77	25.68	108.41	66.29	54.30	27.61	16.65	20.92	13.69
61754	-0.31	-0.34	-0.33	-0.34	-0.31	-0.53	-0.54	-0.43	-0.37	-0.47	-0.45	-0.23	-0.19	-0.19	-0.31	-0.37	-0.56	-2.05	-1.13	-0.97	-0.52	-0.30	-0.52	-0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-0.09	-0.16	-1.30	-1.34	-1.74	0.00	-0.19	-0.37	-0.13	0.00	-0.17	-0.47	-1.67	-0.02	-0.12
DUNWOD	16.16	16.46	16.39	16.26	15.48	25.28	29.27	28.75	28.09	28.08	27.27	24.54	23.56	26.14	18.06	20.12	30.04	120.83	73.83	61.66	33.81	29.10	23.43	15.86
61760	0.81	0.79	0.81	0.79	0.75	1.37	1.68	1.89	1.77	2.30	2.19	1.27	1.20	1.20	1.65	1.72	2.58	10.44	6.41	5.29	2.66	1.41	1.86	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.32	-0.64	-1.19	-9.66	-9.96	-12.90	-0.02	-1.46	-1.60	-0.07	0.00	-1.27	-3.49	-12.41	-0.15	-0.87
GENESE	14.99	15.24	15.12	15.01	14.31	23.14	26.70	25.90	21.58	24.03	23.00	14.18	13.03	13.04	15.61	16.30	24.79	105.99	64.77	52.89	26.85	16.09	20.40	13.46
61753	-0.37	-0.43	-0.45	-0.46	-0.43	-0.77	-0.89	-0.96	-0.93	-1.19	-1.03	-0.58	-0.55	-0.55	-0.79	-0.82	-1.15	-4.25	-2.65	-2.37	-1.24	-0.68	-1.03	-0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.08	-0.14	-1.15	-1.19	-1.55	0.00	-0.17	-0.07	0.08	0.00	-0.15	-0.42	-1.49	-0.02	-0.10
H Q	15.23	15.53	15.42	15.32	14.58	23.61	27.22	26.43	21.55	24.61	23.40	13.25	12.06	11.69	16.06	16.59	25.29	107.91	65.87	53.78	26.98	14.87	21.05	13.77
61844	-0.13	-0.14	-0.15	-0.14	-0.15	-0.30	-0.37	-0.43	-0.40	-0.52	-0.48	-0.28	-0.26	-0.26	-0.35	-0.35	-0.57	-2.42	-1.55	-1.32	-0.66	-0.32	-0.37	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.01	0.07	0.08	0.10	0.00	0.01	0.01	0.00	0.00	0.01	0.03	0.09	0.00	0.01
HUD VL	16.03	16.31	16.24	16.12	15.35	25.00	28.93	28.39	27.75	27.59	26.78	24.27	23.30	25.89	17.65	19.69	29.38	118.34	72.35	60.48	33.21	28.79	23.01	15.61
61758	0.67	0.64	0.66	0.65	0.61	1.09	1.34	1.53	1.43	1.80	1.70	0.98	0.91	0.90	1.23	1.28	1.92	7.95	4.94	4.10	2.06	1.10	1.44	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.33	-0.64	-1.19	-9.69	-9.99	-12.94	-0.02	-1.46	-1.60	-0.07	0.00	-1.27	-3.49	-12.42	-0.15	-0.87

LONGIL 61762	16.41 1.05 0.00	16.83 1.16 0.00	16.81 1.24 0.00	16.67 1.20 0.00	15.88 1.15 0.00	25.94 2.03 0.00	29.64 2.05 0.00	28.93 2.07 0.00	28.35 2.03 -4.33	28.62 2.83 -0.64	28.34 2.73 -1.72	28.05 1.61 -12.84	27.92 1.53 -13.99	27.92 1.51 -14.36	27.87 2.08 -9.39	27.89 2.18 -8.76	35.47 3.29 -6.31	122.63 12.24 -0.07	75.08 7.66 0.00	62.78 6.30 -1.37	35.63 3.16 -4.81	29.39 1.68 -12.43	26.08 2.23 -2.42	23.63 1.43 -8.24
MHK VL 61756	15.50 0.14 0.00	15.81 0.14 0.00	15.71 0.13 0.00	15.59 0.13 0.00	14.86 0.12 0.00	24.13 0.22 0.00	27.84 0.25 0.00	27.09 0.23 0.00	22.33 0.21 -0.14	25.42 0.26 -0.02	24.15 0.22 -0.04	14.04 0.13 -0.31	12.83 0.12 -0.32	12.57 0.11 -0.41	16.57 0.17 0.00	17.18 0.19 -0.04	26.29 0.34 -0.08	111.74 1.39 -0.03	68.27 0.85 0.00	55.84 0.69 -0.04	28.11 0.34 -0.11	15.87 0.19 -0.40	21.66 0.23 0.00	14.15 0.17 -0.03
MILLWD 61759	15.96 0.60 0.00	16.25 0.58 0.00	16.18 0.60 0.00	16.05 0.59 0.00	15.29 0.55 0.00	24.95 1.04 0.00	28.90 1.30 0.00	28.38 1.53 0.00	27.73 1.46 -4.28	27.69 1.92 -0.63	26.89 1.82 -1.18	24.22 1.05 -9.56	23.25 1.00 -9.86	25.81 0.99 -12.77	17.79 1.37 -0.02	19.82 1.43 -1.44	29.57 2.12 -1.58	118.97 8.58 -0.07	72.73 5.31 0.00	60.75 4.39 -1.25	33.32 2.21 -3.45	28.73 1.17 -12.28	23.09 1.52 -0.15	15.64 0.82 -0.87
N.Y.C. 61761	16.34 0.99 0.00	16.64 0.97 0.00	16.58 1.01 0.00	16.45 0.98 0.00	15.66 0.93 0.00	25.60 1.69 0.00	29.63 2.04 0.00	29.09 2.24 0.00	28.37 2.05 -4.33	28.50 2.72 -0.64	27.69 2.61 -1.19	24.80 1.52 -9.67	23.83 1.46 -9.98	26.43 1.46 -12.92	18.43 2.01 -0.02	20.53 2.12 -1.46	30.67 3.20 -1.60	123.09 12.70 -0.07	75.10 7.68 0.00	62.71 6.34 -1.27	34.34 3.19 -3.49	29.40 1.70 -12.43	23.81 2.24 -0.15	16.11 1.28 -0.88
NORTH 61755	15.16 -0.20 0.00	15.47 -0.20 0.00	15.36 -0.22 0.00	15.25 -0.21 0.00	14.52 -0.21 0.00	23.51 -0.41 0.00	27.08 -0.52 0.00	26.27 -0.58 0.00	21.41 -0.53 0.05	24.47 -0.67 0.01	23.25 -0.62 0.01	13.13 -0.36 0.11	11.95 -0.34 0.11	11.57 -0.33 0.15	15.96 -0.44 0.00	16.49 -0.44 0.02	25.17 -0.68 0.02	107.33 -3.00 0.00	65.50 -1.91 0.00	53.46 -1.63 0.01	26.81 -0.82 0.04	14.75 -0.39 0.14	21.01 -0.41 0.00	13.79 -0.15 0.01
NPX 61845	15.70 0.34 0.00	16.01 0.34 0.00	15.90 0.33 0.00	15.81 0.34 0.00	15.07 0.34 0.00	24.43 0.52 0.00	28.17 0.58 0.00	27.43 0.57 0.00	27.71 0.50 -5.22	26.53 0.62 -0.77	25.88 0.55 -1.44	25.55 0.29 -11.66	24.67 0.26 -12.02	27.87 0.26 -15.57	16.79 0.36 -0.02	19.12 0.41 -1.76	28.53 0.76 -1.90	113.34 2.96 -0.06	69.00 1.58 0.00	58.00 1.37 -1.53	32.59 0.73 -4.21	30.67 0.42 -14.97	22.22 0.62 -0.18	15.48 0.49 -1.04
O H 61846	15.07 -0.29 0.00	15.45 -0.22 0.00	15.40 -0.17 0.00	15.29 -0.18 0.00	14.53 -0.21 0.00	23.49 -0.42 0.00	26.99 -0.60 0.00	26.09 -0.77 0.00	21.80 -0.87 -0.68	24.01 -1.24 -0.10	23.00 -1.08 -0.19	14.56 -0.57 -1.53	13.42 -0.56 -1.58	13.55 -0.55 -2.06	15.64 -0.76 0.00	16.34 -0.84 -0.23	24.43 -1.50 -0.06	104.39 -5.79 0.13	64.15 -3.27 0.00	52.42 -2.88 -0.20	26.71 -1.51 -0.55	16.37 -0.87 -1.97	20.11 -1.33 -0.02	13.25 -0.84 -0.14
PJM 61847	14.96 -0.40 0.00	15.30 -0.37 0.00	15.24 -0.33 0.00	15.12 -0.35 0.00	14.39 -0.34 0.00	23.39 -0.52 0.00	27.03 -0.56 0.00	26.42 -0.44 0.00	22.55 -0.37 -0.92	24.79 -0.49 -0.14	23.65 -0.49 -0.25	15.39 -0.27 -2.06	14.26 -0.25 -2.12	14.54 -0.25 -2.74	16.04 -0.36 0.00	16.84 -0.41 -0.31	26.91 -0.77 -1.81	108.41 -3.07 -1.16	65.80 -1.62 0.00	54.02 -1.36 -0.27	27.68 -0.72 -0.74	17.49 -0.42 -2.63	20.76 -0.69 -0.03	13.61 -0.53 -0.18
WEST 61752	15.12	15.53	15.49	15.38	14.61	23.66	27.21	26.34	21.96	24.15	23.15	14.63	13.48	13.60	15.73	16.43	27.69	107.57	64.63	52.79	26.86	16.44	20.22	13.29

-0.23	-0.14	-0.08	-0.09	-0.13	-0.25	-0.38	-0.52	-0.71	-1.09	-0.93	-0.50	-0.49	-0.48	-0.68	-0.75	-1.35	-5.03	-2.79	-2.52	-1.35	-0.79	-1.22	-0.79
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	-0.10	-0.19	-1.52	-1.57	-2.04	0.00	-0.23	-3.18	-2.28	0.00	-0.20	-0.55	-1.95	-0.02	-0.14