

Average Real Time LBMP - Zonal

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LBMP \$

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Marginal Cost of Losses

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Marginal Cost of Congestion

Zonal Prices

Date: 12/30/1999

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	23.86	2.71	1.78	1.28	1.15	0.85	8.90	31.19	39.52	36.48	33.66	33.48	16.50	16.45	16.32	15.52	14.92	37.11	19.48	22.98	35.36	32.85	24.38	18.86
61757	1.52	0.19	0.11	0.07	0.06	0.05	0.53	0.97	0.61	1.22	1.85	1.87	0.74	0.89	0.86	0.73	0.72	1.98	0.96	1.25	2.07	1.03	1.22	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.62	-28.08	-13.20	0.00	0.00	-1.63	0.00	0.00	0.00	0.00	-0.19	-0.93	0.00	0.00	-15.62	-1.86	0.00
CENTRL	21.80	2.48	1.65	1.20	1.08	0.81	8.20	17.61	13.51	22.87	30.92	30.72	13.95	15.20	15.07	14.45	13.90	34.12	17.29	21.20	32.39	17.39	20.87	17.08
61754	-0.55	-0.05	-0.02	-0.01	0.00	0.00	-0.17	-0.42	-0.28	-0.60	-0.89	-0.89	-0.35	-0.37	-0.39	-0.34	-0.30	-0.84	-0.40	-0.53	-0.89	-0.45	-0.63	-0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.44	-2.96	-1.39	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	-0.02	-0.10	0.00	0.00	-1.64	-0.20	0.00
DUNWOD	23.62	2.66	1.76	1.27	1.14	0.86	8.95	28.62	33.81	34.40	34.63	34.38	16.70	16.93	16.83	16.18	15.60	38.46	19.99	23.78	36.19	29.81	24.48	18.82
61760	1.27	0.14	0.09	0.06	0.05	0.05	0.58	1.34	0.96	1.98	2.82	2.77	1.29	1.36	1.37	1.39	1.39	3.37	1.68	2.04	2.91	1.36	1.72	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.68	-22.02	-10.35	0.00	0.00	-1.28	0.00	0.00	0.00	0.00	-0.15	-0.73	0.00	0.00	-12.25	-1.46	0.00
GENESE	21.94	2.49	1.66	1.21	1.08	0.81	8.21	17.21	12.99	22.26	30.35	30.19	13.63	14.88	14.73	14.05	13.57	33.45	16.96	20.80	31.85	16.97	20.48	16.92
61753	-0.41	-0.04	-0.01	0.00	0.00	0.00	-0.16	-0.68	-0.51	-1.06	-1.46	-1.42	-0.66	-0.68	-0.73	-0.74	-0.63	-1.51	-0.72	-0.93	-1.44	-0.72	-1.00	-0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	-2.67	-1.25	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	-0.02	-0.09	0.00	0.00	-1.48	-0.18	0.00
H Q	22.20	2.52	1.67	1.21	1.08	0.81	8.29	16.29	10.50	21.64	31.31	31.11	13.88	15.33	15.22	14.56	13.96	34.36	17.31	21.38	32.83	15.93	21.10	17.53
61844	-0.14	0.00	0.00	0.00	0.00	0.00	-0.08	-0.23	-0.16	-0.35	-0.51	-0.50	-0.23	-0.24	-0.24	-0.23	-0.24	-0.58	-0.27	-0.35	-0.45	-0.18	-0.20	-0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.17	0.08	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.09	0.01	0.00
HUD VL	23.34	2.63	1.74	1.25	1.13	0.85	8.83	28.34	33.60	33.91	33.90	33.66	16.37	16.57	16.47	15.81	15.22	37.59	19.56	23.26	35.48	29.52	24.07	18.52
61758	0.99	0.10	0.07	0.05	0.04	0.04	0.46	1.05	0.72	1.48	2.09	2.06	0.96	1.00	1.01	1.02	1.02	2.50	1.25	1.52	2.19	1.05	1.31	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.70	-22.05	-10.36	0.00	0.00	-1.28	0.00	0.00	0.00	0.00	-0.15	-0.73	0.00	0.00	-12.26	-1.46	0.00

LONGIL 61762	23.68 1.33 0.00	2.72 0.19 0.00	1.79 0.12 0.00	1.29 0.09 0.00	21.03 0.08 -19.87	9.31 0.07 -8.43	11.09 0.77 -1.95	32.42 1.70 -14.13	34.03 1.15 -22.05	34.69 2.26 -10.36	35.01 3.20 0.00	34.72 3.12 0.00	29.00 1.54 -13.33	30.30 1.66 -13.08	31.88 1.66 -14.75	26.36 1.70 -9.88	30.60 1.71 -14.68	40.50 3.82 -1.73	32.19 1.89 -12.72	34.79 2.39 -10.67	37.82 3.42 -1.12	34.82 1.62 -17.00	33.61 2.12 -10.19	31.21 1.54 -12.04
MHK VL 61756	22.66 0.31 0.00	2.57 0.04 0.00	1.70 0.03 0.00	1.23 0.02 0.00	1.10 0.02 0.00	0.82 0.01 0.00	8.52 0.14 0.00	17.20 0.26 -0.34	11.70 0.16 -0.71	22.75 0.34 -0.33	32.30 0.49 0.00	32.13 0.52 0.00	14.38 0.21 -0.04	15.83 0.26 0.00	15.72 0.26 0.00	15.04 0.25 0.00	14.44 0.24 0.00	35.58 0.63 0.00	17.92 0.31 -0.02	22.11 0.38 0.00	33.89 0.60 0.00	16.87 0.28 -0.39	21.64 0.29 -0.05	17.85 0.22 0.00
MILLWD 61759	23.30 0.95 0.00	2.63 0.10 0.00	1.73 0.06 0.00	1.25 0.04 0.00	1.13 0.04 0.00	0.85 0.04 0.00	8.83 0.45 0.00	28.25 1.08 -10.57	33.41 0.79 -21.79	33.94 1.62 -10.24	34.11 2.30 0.00	33.87 2.26 0.00	16.45 1.06 -1.27	16.67 1.11 0.00	16.58 1.12 0.00	15.94 1.15 0.00	15.35 1.14 0.00	37.86 2.77 -0.15	19.69 1.39 -0.72	23.41 1.68 0.00	35.66 2.38 0.00	29.43 1.10 -12.12	24.14 1.39 -1.44	18.56 0.94 0.00
N.Y.C. 61761	24.02 1.67 0.00	2.71 0.18 0.00	1.78 0.11 0.00	1.29 0.08 0.00	1.16 0.07 0.00	0.87 0.07 0.00	9.11 0.73 0.00	29.05 1.68 -10.77	34.17 1.21 -22.12	34.94 2.51 -10.36	35.38 3.57 0.00	36.10 3.52 -0.97	32.50 1.62 -16.75	32.26 1.72 -14.98	29.23 1.73 -12.05	18.20 1.75 -1.66	17.71 1.76 -1.76	39.33 4.24 -0.15	20.41 2.09 -0.73	24.28 2.55 0.00	36.88 3.60 0.00	30.14 1.67 -12.27	24.87 2.10 -1.46	19.10 1.47 0.00
NORTH 61755	22.29 -0.06 0.00	2.52 0.00 0.00	1.67 0.00 0.00	1.21 0.00 0.00	1.08 0.00 0.00	0.81 0.00 0.00	8.33 -0.05 0.00	16.25 -0.22 0.12	10.41 -0.17 0.25	21.60 -0.36 0.12	31.30 -0.51 0.00	31.12 -0.49 0.00	13.87 -0.24 0.01	15.33 -0.24 0.00	15.22 -0.24 0.00	14.56 -0.23 0.00	13.94 -0.26 0.00	34.31 -0.63 0.00	17.28 -0.30 0.01	21.35 -0.39 0.00	32.85 -0.43 0.00	15.88 -0.18 0.14	21.07 -0.22 0.02	17.57 -0.06 0.00
NPX 61845	23.24 0.90 0.00	2.63 0.11 0.00	1.73 0.06 0.00	1.25 0.04 0.00	1.12 0.03 0.00	0.83 0.03 0.00	8.70 0.32 0.00	29.91 0.64 -12.68	37.39 0.43 -26.13	35.22 0.86 -12.28	33.11 1.30 0.00	32.92 1.32 0.00	16.20 0.55 -1.52	16.18 0.62 0.00	16.06 0.60 0.00	15.32 0.53 0.00	14.71 0.51 0.00	36.45 1.33 -0.18	19.09 0.64 -0.86	22.57 0.84 0.00	34.63 1.35 0.00	31.39 0.65 -14.53	23.79 0.76 -1.73	18.29 0.66 0.00
O H 61846	21.02 -1.33 0.00	2.37 -0.15 0.00	1.59 -0.08 0.00	1.16 -0.04 0.00	1.05 -0.03 0.00	0.79 -0.02 0.00	7.83 -0.54 0.00	17.07 -1.23 -1.70	13.53 -0.82 -3.52	21.97 -1.75 -1.65	29.21 -2.60 0.00	28.98 -2.63 0.00	13.22 -1.11 -0.20	14.32 -1.25 0.00	14.25 -1.21 0.00	13.68 -1.11 0.00	13.15 -1.05 0.00	32.23 -2.73 -0.02	16.43 -1.27 -0.12	20.09 -1.64 0.00	30.62 -2.66 0.00	16.88 -1.27 -1.95	20.16 -1.38 -0.23	16.72 -0.91 0.00
PJM 61847	21.16 -1.18 0.00	2.40 -0.12 0.00	1.60 -0.07 0.00	1.17 -0.04 0.00	1.05 -0.03 0.00	0.79 -0.02 0.00	7.95 -0.42 0.00	18.06 -0.80 -2.26	14.99 -0.50 -4.65	23.18 -1.08 -2.19	30.16 -1.65 0.00	29.97 -1.64 0.00	13.74 -0.66 -0.27	14.82 -0.75 0.00	14.73 -0.72 0.00	14.17 -0.62 0.00	13.56 -0.65 0.00	33.21 -1.76 -0.03	16.91 -0.83 -0.15	20.65 -1.08 0.00	31.51 -1.77 0.00	17.92 -0.87 -2.59	20.61 -1.00 -0.31	16.80 -0.83 0.00
WEST 61752	20.93 -1.42 0.00	2.36 -0.16 0.00	1.59 -0.09 0.00	1.16 -0.05 0.00	1.05 -0.04 0.00	0.79 -0.02 0.00	7.79 -0.59 0.00	16.98 -1.29 -1.67	13.41 -0.88 -3.45	21.82 -1.88 -1.62	29.00 -2.81 0.00	28.75 -2.86 0.00	13.13 -1.20 -0.20	14.23 -1.34 0.00	14.16 -1.30 0.00	13.60 -1.19 0.00	13.06 -1.14 0.00	32.02 -2.94 -0.02	16.33 -1.37 -0.11	19.96 -1.77 0.00	30.43 -2.85 0.00	16.77 -1.35 -1.92	20.06 -1.48 -0.23	16.62 -1.00 0.00

