

Average Real Time LBMP - Zonal

--- LBMP \$ --- Marginal Cost of Losses --- Marginal Cost of Congestion

Zonal Prices Date: 12/20/1999

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	20.77	21.39	28.18	19.21	21.53	29.10	47.01	34.57	34.66	30.66	30.79	37.28	31.19	29.83	29.59	28.61	55.75	93.09	68.00	46.51	28.05	31.29	17.89	9.14
	1.17	1.18	1.55	1.01	1.26	1.72	2.75	1.69	1.52	1.29	1.31	0.96	1.26	1.13	1.16	1.11	2.20	3.66	2.52	1.62	1.11	0.96	0.77	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.91	0.00	0.00	0.00	0.00	-0.69	0.04	-0.69	-3.83	0.00	-8.10	-0.50	0.00
CENTRL 61754	19.18	19.77	26.00	17.80	19.79	26.73	43.27	32.22	32.43	28.68	28.76	23.32	29.19	28.00	27.69	26.75	51.65	87.69	63.66	40.64	26.36	22.56	16.27	8.51
	-0.42	-0.44	-0.62	-0.39	-0.47	-0.64	-1.00	-0.66	-0.71	-0.70	-0.72	-0.54	-0.75	-0.71	-0.74	-0.76	-1.28	-1.84	-1.21	-0.83	-0.59	-0.52	-0.40	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.45	0.00	0.00	0.00	0.00	-0.07	-0.06	-0.07	-0.40	0.00	-0.85	-0.05	0.00
DUNWOD 61760	20.50	20.96	27.55	18.84	20.97	28.46	46.04	34.50	35.27	31.55	31.72	35.15	32.33	31.03	30.76	29.87	58.11	98.22	71.30	47.73	29.32	30.48	18.37	9.27
	0.89	0.75	0.92	0.64	0.71	1.08	1.78	1.62	2.13	2.17	2.24	1.75	2.39	2.32	2.33	2.37	4.72	8.03	5.97	3.67	2.38	1.91	1.35	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.00	0.00	0.00	0.00	0.00	-0.54	-0.72	-0.54	-3.00	0.00	-6.35	-0.39	0.00
GENESE 61753	19.16	19.87	26.15	17.90	19.93	26.90	43.96	32.66	32.60	28.72	28.79	23.16	29.09	27.93	27.66	26.61	51.43	87.51	63.31	40.36	26.16	22.26	16.04	8.45
	-0.44	-0.35	-0.47	-0.30	-0.34	-0.47	-0.31	-0.22	-0.54	-0.66	-0.69	-0.54	-0.84	-0.77	-0.78	-0.89	-1.48	-2.01	-1.55	-1.07	-0.78	-0.73	-0.63	-0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.30	0.00	0.00	0.00	0.00	-0.07	-0.05	-0.06	-0.36	0.00	-0.76	-0.05	0.00
H Q 61844	19.47	20.08	26.44	18.09	20.17	27.22	44.08	32.65	32.87	29.12	29.19	22.09	29.62	28.39	28.16	27.23	52.00	87.72	63.36	40.18	26.40	21.77	16.36	8.61
	-0.13	-0.14	-0.19	-0.10	-0.10	-0.16	-0.18	-0.24	-0.27	-0.26	-0.29	-0.23	-0.32	-0.31	-0.27	-0.28	-0.85	-1.75	-1.43	-0.86	-0.55	-0.41	-0.26	-0.08
	0.00	0.00	0.00	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	0.00	0.02	0.00	0.05	0.00	0.00
HUD VL 61758	20.28	20.77	27.31	18.65	20.77	28.15	45.58	34.14	34.80	31.05	31.21	34.75	31.76	30.48	30.19	29.28	56.92	96.20	69.87	46.86	28.76	30.04	18.06	9.15
	0.68	0.56	0.68	0.46	0.50	0.77	1.31	1.26	1.66	1.67	1.73	1.34	1.83	1.77	1.75	1.77	3.52	6.09	4.53	2.79	1.81	1.46	1.04	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.00	0.00	0.00	0.00	0.00	-0.55	-0.64	-0.54	-3.00	0.00	-6.35	-0.39	0.00

LONGIL 61762	29.50 1.31 -8.59	28.83 1.20 -7.42	28.87 1.46 -0.79	19.24 1.04 0.00	21.48 1.21 0.00	29.57 1.79 -0.40	46.76 2.50 0.00	34.86 1.98 0.00	35.71 2.57 0.00	31.84 2.46 0.00	32.00 2.52 0.00	35.41 1.99 -11.02	32.60 2.66 0.00	31.34 2.63 0.00	31.10 2.67 0.00	30.60 2.85 -0.25	59.84 5.64 -1.35	106.73 9.43 -7.83	91.65 6.53 -20.32	77.11 4.08 -31.96	78.63 2.76 -48.92	67.03 2.22 -42.58	28.14 1.62 -9.90	26.42 0.76 -16.98
MHK VL 61756	19.70 0.09 0.00	20.30 0.08 0.00	26.74 0.12 0.00	18.30 0.10 0.00	20.42 0.16 0.00	27.61 0.23 0.00	44.67 0.41 0.00	33.19 0.31 0.00	33.49 0.35 0.00	29.71 0.34 0.00	29.83 0.35 0.00	23.02 0.26 -0.35	30.29 0.35 0.00	29.05 0.34 0.00	28.72 0.29 0.00	27.72 0.21 0.00	53.26 0.39 -0.02	90.19 0.70 -0.02	65.33 0.52 -0.02	41.45 0.29 -0.10	27.10 0.15 0.00	22.61 0.18 -0.20	16.80 0.17 -0.01	8.77 0.09 0.00
MILLWD 61759	20.22 0.62 0.00	20.69 0.47 0.00	27.20 0.57 0.00	18.60 0.40 0.00	20.70 0.44 0.00	28.08 0.70 0.00	45.44 1.17 0.00	34.06 1.18 0.00	34.80 1.66 0.00	31.10 1.72 0.00	31.27 1.79 0.00	34.68 1.39 -10.88	31.85 1.92 0.00	30.57 1.86 0.00	30.29 1.86 0.00	29.41 1.90 0.00	57.19 3.80 -0.54	96.70 6.52 -0.71	70.20 4.88 -0.53	47.02 2.99 -2.97	28.87 1.93 0.00	30.05 1.54 -6.28	18.10 1.09 -0.39	9.14 0.45 0.00
N.Y.C. 61761	20.76 1.15 0.00	21.20 0.99 0.00	27.86 1.23 0.00	19.05 0.85 0.00	21.21 0.95 0.00	28.79 1.42 0.00	46.58 2.32 0.00	34.86 1.98 0.00	35.74 2.60 0.00	32.06 2.68 0.00	32.27 2.79 0.00	35.58 2.16 -11.01	32.88 2.95 0.00	31.59 2.88 0.00	31.33 2.90 0.00	30.46 2.96 0.00	59.27 5.87 -0.55	100.07 9.88 -0.73	72.72 7.38 -0.54	48.62 4.55 -3.00	29.89 2.95 0.00	30.95 2.36 -6.36	18.67 1.66 -0.39	9.41 0.72 0.00
NORTH 61755	19.50 -0.10 0.00	20.10 -0.11 0.00	26.46 -0.16 0.00	18.11 -0.09 0.00	20.21 -0.06 0.00	27.28 -0.10 0.00	44.19 -0.08 0.00	32.63 -0.25 0.00	32.85 -0.29 0.00	29.10 -0.28 0.00	29.16 -0.32 0.00	22.03 -0.26 0.12	29.58 -0.35 0.00	28.32 -0.39 0.00	28.12 -0.31 0.00	27.18 -0.33 0.00	51.92 -0.93 0.01	87.56 -1.91 0.00	63.23 -1.56 0.01	40.07 -0.96 0.03	26.32 -0.63 0.00	21.68 -0.48 0.07	16.30 -0.32 0.00	8.59 -0.10 0.00
NPX 61845	20.14 0.54 0.00	20.70 0.49 0.00	27.26 0.63 0.00	18.59 0.40 0.00	20.78 0.52 0.00	28.12 0.75 0.00	45.53 1.26 0.00	33.72 0.84 0.00	34.03 0.89 0.00	30.23 0.85 0.00	30.37 0.89 0.00	36.07 0.67 -12.99	30.84 0.90 0.00	29.54 0.83 0.00	29.26 0.82 0.00	28.30 0.79 0.00	55.07 1.57 -0.65	92.21 2.59 -0.15	67.23 1.80 -0.64	45.79 1.16 -3.56	27.76 0.82 0.00	30.46 0.70 -7.53	17.63 0.54 -0.47	8.98 0.29 0.00
O H 61846	19.15 -0.45 0.00	19.97 -0.24 0.00	26.38 -0.24 0.00	18.10 -0.10 0.00	19.93 -0.33 0.00	26.78 -0.59 0.00	43.29 -0.98 0.00	32.07 -0.81 0.00	31.77 -1.37 0.00	27.89 -1.49 0.00	27.95 -1.53 0.00	22.97 -1.15 -1.71	28.41 -1.53 0.00	27.38 -1.33 0.00	27.16 -1.27 0.00	26.17 -1.33 0.00	50.45 -2.49 -0.09	85.82 -3.71 -0.07	62.31 -2.57 -0.08	39.82 -1.72 -0.48	25.71 -1.24 0.00	22.16 -1.07 -1.01	15.86 -0.82 -0.06	8.30 -0.39 0.00
PJM 61847	18.88 -0.72 0.00	19.50 -0.71 0.00	25.73 -0.90 0.00	17.63 -0.57 0.00	19.52 -0.74 0.00	26.34 -1.04 0.00	42.47 -1.79 0.00	31.69 -1.19 0.00	31.95 -1.20 0.00	28.28 -1.10 0.00	28.34 -1.14 0.00	23.85 -0.84 -2.28	28.86 -1.07 0.00	27.72 -0.99 0.00	27.49 -0.95 0.00	26.56 -0.95 0.00	51.12 -1.84 -0.12	86.69 -2.87 -0.09	63.00 -1.91 -0.11	40.41 -1.29 -0.64	26.04 -0.91 0.00	22.80 -0.77 -1.34	16.16 -0.55 -0.08	8.36 -0.33 0.00
WEST 61752	19.21 -0.40	20.05 -0.17	26.46 -0.17	18.15 -0.05	19.98 -0.28	26.80 -0.57	43.23 -1.03	32.06 -0.82	31.79 -1.36	27.91 -1.47	27.95 -1.53	22.94 -1.15	28.39 -1.54	27.39 -1.32	27.17 -1.26	26.20 -1.31	50.54 -2.40	85.96 -3.58	62.39 -2.49	39.89 -1.65	25.75 -1.19	22.19 -1.03	15.87 -0.82	8.29 -0.40

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.69	0.00	0.00	0.00	0.00	-0.09	-0.06	-0.08	-0.47	0.00	-0.99	-0.06	0.00
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