

Average Real Time LBMP - Zonal

LBMP \$

Marginal Cost of Losses

Marginal Cost of Congestion

Zonal Prices

Date: 01/21/2000

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	24.40	14.67	16.07	16.61	23.55	31.88	34.71	36.75	35.22	33.96	40.73	36.05	39.45	37.79	39.08	44.29	35.80	61.92	42.03	42.19	309.35	1010.23	111.19	188.84
	1.69	0.99	1.06	1.11	1.65	2.18	2.52	2.68	2.86	2.84	3.03	3.04	3.42	3.17	1.82	1.15	2.81	5.06	3.34	3.47	-1.45	-10.56	2.30	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.65	0.00	0.00	-1.32	-16.00	-29.98	-1.38	0.00	0.00	0.00	-329.20	-1135.44	-84.08	-188.45
CENTRL 61754	21.96	13.24	14.59	15.06	21.15	28.68	31.12	32.95	31.21	29.98	32.31	31.81	34.63	32.05	22.11	15.82	30.51	54.75	37.32	37.30	17.06	9.71	32.78	20.26
	-0.75	-0.44	-0.42	-0.44	-0.75	-1.02	-1.08	-1.13	-1.15	-1.13	-1.23	-1.21	-1.40	-1.37	-0.83	-0.50	-1.25	-2.11	-1.37	-1.43	0.60	4.14	-0.92	-0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	0.00	0.00	-0.13	-1.68	-3.16	-0.14	0.00	0.00	0.00	-34.85	-120.22	-8.89	-19.94
DUNWOD 61760	24.29	14.55	15.92	16.42	23.21	31.64	34.45	36.58	34.89	33.65	39.40	35.63	38.86	37.14	35.53	37.59	35.47	61.96	42.12	42.04	236.35	760.35	91.91	146.76
	1.58	0.87	0.91	0.93	1.31	1.93	2.26	2.51	2.53	2.54	2.75	2.61	2.84	2.82	1.86	1.13	2.79	5.10	3.42	3.31	-1.03	-7.19	1.77	0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.61	0.00	0.00	-1.02	-12.42	-23.30	-1.07	0.00	0.00	0.00	-255.77	-882.19	-65.32	-146.41
GENESE 61753	21.99	13.26	14.61	15.05	21.26	28.85	31.49	33.47	31.66	30.48	32.80	32.45	35.32	32.59	22.25	15.73	30.92	55.37	37.73	37.71	13.75	-3.37	32.10	18.34
	-0.72	-0.42	-0.40	-0.44	-0.64	-0.86	-0.70	-0.61	-0.70	-0.63	-0.69	-0.57	-0.71	-0.82	-0.53	-0.28	-0.82	-1.49	-0.97	-1.02	0.66	2.67	-0.74	-0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	0.00	0.00	-0.12	-1.51	-2.85	-0.13	0.00	0.00	0.00	-31.48	-108.61	-8.03	-18.01
H Q 61844	22.58	13.61	14.93	15.41	21.79	29.59	32.20	34.19	32.38	31.12	33.03	33.01	36.02	33.27	21.16	12.99	31.61	56.81	38.66	38.68	-19.98	-120.63	24.15	-0.76
	-0.13	-0.07	-0.08	-0.08	-0.11	-0.11	0.00	0.12	0.02	0.00	0.00	0.00	-0.01	-0.02	0.00	0.00	0.01	-0.05	-0.04	-0.05	0.34	0.68	-0.18	0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.09	0.18	0.01	0.00	0.00	0.00	1.93	6.66	0.49	1.11
HUD VL 61758	23.80	14.30	15.66	16.16	22.83	31.02	33.66	35.67	34.01	32.79	38.52	34.73	37.87	36.10	34.91	37.29	34.46	60.10	40.89	40.86	238.01	767.62	91.82	147.65
	1.09	0.62	0.65	0.66	0.93	1.31	1.46	1.59	1.65	1.68	1.85	1.72	1.85	1.78	1.17	0.71	1.77	3.24	2.19	2.14	-0.94	-5.33	1.28	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.62	0.00	0.00	-1.03	-12.48	-23.42	-1.08	0.00	0.00	0.00	-257.34	-887.60	-65.72	-147.31
LONGIL 61762	24.69	14.79	16.18	16.76	23.65	32.34	64.90	81.35	90.24	90.81	91.16	91.16	90.62	91.22	87.75	79.20	90.68	91.84	92.88	91.28	262.94	764.20	92.42	151.03
	1.98	1.11	1.17	1.27	1.76	2.64	3.02	3.02	3.05	3.02	3.12	2.99	3.23	3.35	2.26	1.37	3.41	5.79	3.88	3.79	-0.29	-5.52	2.12	

	0.00	0.00	0.00	0.00	0.00	0.00	-29.68	-44.25	-54.83	-56.68	-54.99	-55.16	-51.37	-54.57	-64.24	-64.67	-55.66	-29.19	-50.30	-48.76	-281.62	-884.38	-65.48	0.08 -150.62
MHK VL 61756	23.03 0.32 0.00	13.85 0.17 0.00	15.18 0.17 0.00	15.67 0.17 0.00	22.15 0.25 0.00	30.07 0.37 0.00	32.73 0.54 0.00	34.64 0.57 0.00	32.97 0.61 0.00	31.71 0.60 0.00	33.76 0.60 -0.12	33.59 0.58 0.00	36.68 0.66 0.00	33.96 0.64 -0.03	22.04 0.38 -0.40	14.15 0.23 -0.76	32.23 0.59 -0.03	57.96 1.09 0.00	39.44 0.74 0.00	39.48 0.76 0.00	-10.19 -0.26 -8.46	-87.27 -1.82 -29.21	27.34 0.38 -2.15	5.20 0.03 -4.84
MILLWD 61759	23.92 1.21 0.00	14.34 0.66 0.00	15.69 0.68 0.00	16.19 0.69 0.00	22.88 0.98 0.00	31.17 1.47 0.00	33.92 1.72 0.00	36.00 1.92 0.00	34.32 1.96 0.00	33.09 1.98 0.00	38.77 2.15 -3.57	35.03 2.02 0.00	38.21 2.18 0.00	36.50 2.19 -1.01	35.01 1.45 -12.29	37.11 0.88 -23.06	34.86 2.19 -1.06	60.88 4.02 0.00	41.39 2.69 0.00	41.32 2.59 0.00	234.04 -0.76 -253.19	753.15 -5.48 -873.28	90.85 1.37 -64.66	145.28 0.00 -144.94
N.Y.C. 61761	24.92 2.21 0.00	14.90 1.22 0.00	16.28 1.27 0.00	16.79 1.30 0.00	23.73 1.84 0.00	32.41 2.70 0.00	35.41 3.21 0.00	37.70 3.63 0.00	35.98 3.62 0.00	34.75 3.64 0.00	40.57 3.91 -3.61	36.77 3.75 0.00	40.11 4.08 0.00	38.36 4.04 -1.03	36.35 2.65 -12.45	39.81 1.60 -25.05	39.54 3.94 -3.99	72.94 7.21 -8.87	48.68 4.80 -5.19	43.33 4.61 0.00	236.68 -1.30 -256.38	760.02 -9.60 -884.27	92.65 2.36 -65.48	147.12 0.03 -146.76
NORTH 61755	22.64 -0.08 0.00	13.63 -0.05 0.00	14.96 -0.05 0.00	15.45 -0.05 0.00	21.84 -0.06 0.00	29.67 -0.03 0.00	32.34 0.15 0.00	34.39 0.32 0.00	32.60 0.24 0.00	31.33 0.22 0.00	33.24 0.23 0.04	33.22 0.21 0.00	36.26 0.24 0.00	33.48 0.20 0.01	21.24 0.12 0.14	12.98 0.08 0.27	31.81 0.21 0.01	57.16 0.30 0.00	38.89 0.19 0.00	38.92 0.20 0.00	-21.05 0.28 2.93	-124.71 0.05 10.11	24.02 -0.05 0.75	-1.33 0.01 1.68
NPX 61845	23.70 0.99 0.00	14.26 0.58 0.00	15.63 0.62 0.00	16.15 0.66 0.00	22.88 0.99 0.00	30.98 1.28 0.00	33.59 1.39 0.00	35.50 1.42 0.00	34.01 1.65 0.00	32.78 1.67 0.00	39.15 1.77 -4.33	34.76 1.75 0.00	38.01 1.98 0.00	36.41 1.88 -1.23	37.24 1.09 -14.90	41.77 0.69 -27.92	34.59 1.69 -1.28	59.80 2.94 0.00	40.61 1.92 0.00	40.73 2.01 0.00	287.16 -0.99 -306.54	936.66 -5.97 -1057.28	104.46 1.35 -78.29	175.85 0.04 -175.48
O H 61846	21.45 -1.26 0.00	13.01 -0.68 0.00	14.31 -0.71 0.00	14.74 -0.75 0.00	20.83 -1.07 0.00	28.22 -1.48 0.00	30.20 -2.00 0.00	31.83 -2.25 0.00	29.63 -2.73 0.00	28.25 -2.86 0.00	30.64 -2.99 -0.58	30.08 -2.93 0.00	32.54 -3.48 0.00	30.15 -3.30 -0.16	21.31 -1.95 -2.00	15.70 -1.22 -3.77	28.66 -3.13 -0.17	51.25 -5.61 0.00	35.07 -3.63 0.00	34.93 -3.79 0.00	24.88 1.62 -41.65	39.15 10.13 -143.67	33.18 -2.26 -10.62	24.20 0.03 -23.83
PJM 61847	21.39 -1.32 0.00	12.92 -0.76 0.00	14.18 -0.83 0.00	14.61 -0.89 0.00	20.61 -1.28 0.00	27.98 -1.73 0.00	30.17 -2.03 0.00	31.91 -2.17 0.00	30.07 -2.30 0.00	28.81 -2.30 0.00	31.37 -2.45 -0.77	30.52 -2.49 0.00	33.15 -2.87 0.00	30.86 -2.64 -0.21	22.34 -1.57 -2.65	17.16 -0.99 -4.98	29.40 -2.44 -0.23	52.60 -4.26 0.00	35.93 -2.77 0.00	35.85 -2.87 0.00	37.48 1.15 -54.73	82.55 8.41 -188.78	36.95 -1.83 -13.96	31.65 -0.01 -31.32
WEST 61752	21.38 -1.33 0.00	12.98 -0.71 0.00	14.27 -0.74 0.00	14.70 -0.79 0.00	20.76 -1.14 0.00	28.15 -1.56 0.00	30.13 -2.06 0.00	31.78 -2.30 0.00	29.54 -2.82 0.00	28.12 -2.99 0.00	30.54 -3.09 -0.57	29.96 -3.05 0.00	32.37 -3.65 0.00	29.96 -3.49 -0.16	21.18 -2.06 -1.98	15.59 -1.29 -3.72	28.50 -3.29 -0.17	51.02 -5.84 0.00	34.97 -3.73 0.00	34.82 -3.91 0.00	24.25 1.72 -40.92	36.88 10.36 -141.17	32.91 -2.34 -10.44	23.79 0.03 -23.42