

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

### Zonal Prices

Date: 02/3/2000

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	41.13 2.80 -0.37	30.22 2.30 0.00	34.15 2.77 0.00	25.38 1.84 0.00	25.69 1.82 0.00	22.01 1.49 0.00	35.52 2.55 0.00	43.62 1.37 -22.25	114.78 -0.05 -115.79	141.79 -0.08 -143.57	157.41 -0.19 -161.62	157.59 -0.22 -162.32	157.59 -0.22 -162.32	157.42 -0.22 -162.19	81.64 0.18 -76.98	41.15 0.33 -31.34	27.82 0.41 -15.60	169.24 -1.03 -190.99	96.06 0.54 -84.99	126.12 0.74 -111.08	134.14 0.44 -124.96	69.03 0.34 -61.58	34.67 0.71 -20.43	21.54 1.17 -3.39
CENTRL 61754	36.80 -1.20 -0.04	26.99 -0.93 0.00	30.29 -1.09 0.00	22.76 -0.78 0.00	23.05 -0.82 0.00	19.84 -0.68 0.00	31.84 -1.14 0.00	21.70 -0.64 -2.35	10.88 0.04 -11.80	11.94 0.06 -13.58	11.39 0.11 -15.30	10.98 0.13 -15.36	10.98 0.13 -15.36	10.91 0.13 -15.33	11.66 -0.09 -7.28	12.22 -0.22 -2.95	13.16 -0.30 -1.65	0.11 0.61 -20.22	19.21 -0.31 -8.99	25.61 -0.45 -11.76	21.69 -0.27 -13.23	13.39 -0.23 -6.51	15.23 -0.47 -2.16	16.68 -0.65 -0.36
DUNWOD 61760	40.59 2.33 -0.29	29.51 1.59 0.00	33.06 1.68 0.00	24.86 1.32 0.00	25.26 1.39 0.00	21.88 1.37 0.00	35.38 2.40 0.00	39.04 1.60 -17.44	90.92 -0.08 -91.96	114.91 -0.13 -116.75	127.06 -0.35 -131.42	127.10 -0.39 -132.00	127.10 -0.39 -132.00	126.96 -0.38 -131.89	67.49 0.42 -62.60	35.89 0.92 -25.48	25.24 1.20 -12.24	126.91 -2.13 -149.76	78.27 1.09 -66.65	102.91 1.49 -87.11	107.57 0.84 -98.00	56.09 0.69 -48.29	30.80 1.25 -16.02	20.87 1.23 -2.66
GENESE 61753	37.12 -0.88 -0.04	27.37 -0.55 0.00	30.74 -0.63 0.00	23.01 -0.54 0.00	23.31 -0.56 0.00	20.04 -0.47 0.00	32.24 -0.73 0.00	21.60 -0.51 -2.12	9.71 0.01 -10.66	10.59 0.03 -12.27	9.86 0.06 -13.82	9.44 0.06 -13.89	9.44 0.06 -13.89	9.37 0.05 -13.87	11.01 -0.04 -6.57	12.03 -0.12 -2.67	13.10 -0.20 -1.49	-2.07 0.38 -18.26	18.34 -0.31 -8.11	24.50 -0.41 -10.60	20.46 -0.19 -11.92	12.79 -0.19 -5.86	15.09 -0.39 -1.94	16.91 -0.39 -0.32
H Q 61844	37.64 -0.32 0.00	27.72 -0.20 0.00	31.12 -0.26 0.00	23.35 -0.19 0.00	23.67 -0.19 0.00	20.34 -0.17 0.00	32.78 -0.19 0.00	19.77 -0.10 0.13	-1.63 0.02 0.69	-2.53 0.02 0.85	-4.93 0.04 0.96	-5.43 0.05 0.97	-5.43 0.05 0.97	-5.47 0.05 0.97	3.99 -0.03 0.45	9.22 -0.07 0.18	11.62 -0.10 0.09	-21.63 0.22 1.13	9.91 -0.12 0.51	13.48 -0.16 0.66	7.90 -0.09 0.74	6.70 -0.05 0.37	13.36 -0.06 0.12	16.99 0.03 0.02
HUD VL 61758	39.90 1.64 -0.29	29.05 1.13 0.00	32.57 1.19 0.00	24.49 0.95 0.00	24.86 1.00 0.00	21.49 0.97 0.00	34.67 1.70 0.00	38.59 1.13 -17.46	91.10 -0.06 -92.11	115.26 -0.08 -117.05	127.50 -0.23 -131.75	127.55 -0.26 -132.32	127.55 -0.26 -132.32	127.40 -0.26 -132.21	67.51 0.29 -62.75	35.66 0.63 -25.54	24.87 0.82 -12.25	127.76 -1.45 -149.92	78.01 0.76 -66.72	102.56 1.05 -87.21	107.43 0.60 -98.11	55.93 0.48 -48.34	30.43 0.86 -16.03	20.50 0.86 -2.66
LONGIL 61762	41.56 3.31 -0.29	30.32 2.40 0.00	34.32 2.61 -0.33	30.07 2.04 -4.49	32.65 2.17 -6.62	42.27 2.03 -19.72	52.79 3.39 -16.42	51.39 2.18 -29.22	189.98 -0.11 -191.05	128.04 -0.16 -129.90	127.13 -0.43 -131.58	127.18 -0.46 -132.15	127.18 -0.46 -132.15	127.05 -0.44 -132.04	71.81 0.52 -66.82	180.83 1.16 -170.18	127.27 1.53 -113.93	132.98 -2.66 -156.35	135.01 1.23 -123.25	134.77 1.75 -118.72	127.18 0.98 -117.47	90.74 0.82 -82.80	36.60 1.57 -21.49	21.24 1.60 -2.67

MHK VL 61756	38.37 0.40 -0.01	28.23 0.31 0.00	31.76 0.38 0.00	23.78 0.24 0.00	24.12 0.25 0.00	20.73 0.22 0.00	33.33 0.36 0.00	20.73 0.17 -0.57	1.82 0.00 -2.78	1.34 0.01 -3.04	-0.60 -0.01 -3.43	-1.08 -0.01 -3.44	-1.08 -0.01 -3.44	-1.12 -0.01 -3.44	6.13 0.03 -1.63	10.19 0.05 -0.66	12.28 0.07 -0.40	-15.99 -0.16 -4.89	12.83 0.12 -2.18	17.31 0.16 -2.85	12.01 0.08 -3.20	8.73 0.05 -1.57	14.12 0.07 -0.52	17.20 0.14 -0.09
MILLWD 61759	40.03 1.78 -0.29	29.11 1.19 0.00	32.61 1.23 0.00	24.53 0.99 0.00	24.91 1.05 0.00	21.57 1.06 0.00	34.86 1.89 0.00	38.54 1.28 -17.27	90.07 -0.07 -91.10	114.05 -0.10 -115.85	126.13 -0.27 -130.42	126.18 -0.30 -130.99	126.18 -0.30 -130.99	126.03 -0.30 -130.88	66.93 0.34 -62.12	35.52 0.76 -25.28	24.90 0.99 -12.11	125.75 -1.76 -148.22	77.40 0.91 -65.96	101.76 1.24 -86.21	106.41 0.69 -96.99	55.46 0.56 -47.79	30.40 1.01 -15.85	20.57 0.96 -2.63
N.Y.C. 61761	41.40 3.15 -0.29	30.06 2.14 0.00	33.61 2.23 0.00	25.29 1.74 0.00	25.69 1.83 0.00	22.30 1.79 0.00	36.17 3.20 0.00	39.62 2.15 -17.47	91.01 -0.11 -92.08	114.98 -0.19 -116.87	127.06 -0.48 -131.56	127.08 -0.54 -132.13	127.08 -0.54 -132.13	126.94 -0.54 -132.03	67.71 0.57 -62.66	36.24 1.25 -25.51	25.68 1.62 -12.25	126.38 -2.88 -149.98	78.77 1.49 -66.75	103.56 2.02 -87.24	108.00 1.13 -98.14	56.40 0.93 -48.36	31.28 1.70 -16.04	21.34 1.69 -2.67
NORTH 61755	37.53 -0.43 0.00	27.66 -0.26 0.00	31.05 -0.33 0.00	23.29 -0.26 0.00	23.61 -0.25 0.00	20.29 -0.22 0.00	32.75 -0.22 0.00	19.68 -0.12 0.20	-1.98 0.03 1.05	-2.99 0.02 1.31	-5.44 0.06 1.48	-5.92 0.07 1.48	-5.92 0.07 1.48	-5.97 0.07 1.49	3.72 -0.05 0.70	9.09 -0.11 0.29	11.54 -0.13 0.14	-22.18 0.25 1.72	9.62 -0.14 0.77	13.12 -0.19 1.00	7.50 -0.11 1.12	6.49 -0.07 0.55	13.24 -0.11 0.18	17.01 0.07 0.03
NPX 61845	39.89 1.58 -0.35	29.19 1.27 0.00	32.88 1.50 0.00	24.54 1.00 0.00	24.87 1.01 0.00	21.35 0.84 0.00	34.41 1.44 0.00	41.49 0.79 -20.70	107.12 -0.02 -108.10	133.10 -0.04 -134.85	147.68 -0.10 -151.80	147.84 -0.12 -152.47	147.84 -0.12 -152.47	147.67 -0.12 -152.34	76.90 0.11 -72.31	39.14 0.22 -29.43	26.60 0.27 -14.52	156.30 -0.70 -177.72	90.01 0.39 -79.09	118.21 0.54 -103.37	125.33 0.31 -116.29	64.66 0.25 -57.30	33.01 0.46 -19.01	20.80 0.66 -3.16
O H 61846	36.12 -1.89 -0.05	26.51 -1.41 0.00	29.67 -1.71 0.00	22.41 -1.13 0.00	22.73 -1.13 0.00	19.57 -0.94 0.00	30.79 -2.19 0.00	21.45 -1.35 -2.80	13.18 0.06 -14.08	14.63 0.10 -16.23	14.49 0.23 -18.27	14.11 0.26 -18.36	14.11 0.26 -18.36	14.06 0.26 -18.35	12.96 -0.20 -8.70	12.56 -0.46 -3.53	13.18 -0.59 -1.97	4.78 1.39 -24.11	20.46 -0.79 -10.72	27.23 -1.09 -14.01	23.92 -0.57 -15.76	14.39 -0.48 -7.76	15.28 -0.82 -2.57	16.41 -1.00 -0.43
PJM 61847	33.45 -2.03 -0.06	25.19 -1.66 0.00	26.89 -1.87 0.00	20.02 -1.28 0.00	21.80 -1.35 0.00	17.70 -1.04 0.00	27.43 -1.80 0.00	20.24 -1.01 -2.68	17.03 0.06 -18.04	18.12 0.08 -19.42	19.32 0.19 -22.92	18.30 0.21 -22.22	18.30 0.21 -22.22	18.59 0.23 -22.62	15.06 -0.18 -11.20	13.21 -0.39 -4.67	11.89 -0.52 0.00	11.87 1.09 -30.39	23.41 -0.55 -13.85	29.61 -0.87 -15.31	27.35 -0.45 -19.93	16.46 -0.36 -10.30	14.67 -0.70 -2.72	15.76 -0.98 -0.57
WEST 61752	35.97 -2.04 -0.05	26.43 -1.49 0.00	29.56 -1.82 0.00	22.35 -1.19 0.00	22.67 -1.19 0.00	19.49 -1.02 0.00	30.58 -2.39 0.00	21.32 -1.44 -2.76	12.97 0.06 -13.87	14.38 0.11 -15.98	14.23 0.25 -18.00	13.85 0.28 -18.08	13.85 0.28 -18.08	13.80 0.28 -18.08	12.82 -0.21 -8.56	12.48 -0.48 -3.48	13.13 -0.62 -1.94	4.49 1.48 -23.73	20.27 -0.83 -10.56	26.99 -1.14 -13.82	23.68 -0.60 -15.55	14.25 -0.51 -7.65	15.19 -0.88 -2.53	16.34 -1.06 -0.42