

Average Real Time LBMP - Zonal

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

Zonal Prices Date: 12/24/1999

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	13.62 1.01 0.00	11.72 0.80 0.00	15.71 1.12 0.00	14.45 1.00 0.00	14.28 0.99 0.00	11.45 0.75 0.00	13.38 0.70 0.00	11.71 0.45 0.00	18.33 0.71 -1.80	25.06 0.89 -6.79	32.32 1.76 -0.93	30.12 1.52 -2.71	31.20 1.02 -12.37	33.13 0.76 -18.68	24.17 0.82 -9.25	15.67 0.77 -1.50	33.43 1.60 -6.29	25.39 1.51 0.00	15.36 0.92 0.00	23.44 0.87 -9.10	36.26 0.68 -25.00	29.73 1.85 -1.44	44.07 1.68 -19.75	32.64 2.16 -5.28
CENTRL 61754	12.31 -0.31 0.00	10.67 -0.24 0.00	14.24 -0.35 0.00	13.13 -0.32 0.00	12.97 -0.32 0.00	10.47 -0.23 0.00	12.44 -0.25 0.00	11.09 -0.17 0.00	15.69 -0.31 -0.19	17.65 -0.43 -0.71	28.93 -0.79 -0.10	25.47 -0.70 -0.28	18.63 -0.49 -1.30	15.27 -0.37 -1.96	14.70 -0.37 -0.97	13.25 -0.30 -0.16	25.61 -0.60 -0.66	23.31 -0.57 0.00	14.12 -0.31 0.00	14.14 -0.30 -0.96	12.98 -0.24 -2.64	25.88 -0.70 -0.15	24.07 -0.67 -2.08	24.97 -0.80 -0.56
DUNWOD 61760	13.34 0.73 0.00	11.51 0.59 0.00	15.29 0.70 0.00	14.13 0.67 0.00	13.96 0.67 0.00	11.28 0.58 0.00	13.46 0.78 0.00	12.13 0.87 0.00	18.60 1.37 -1.41	24.28 1.59 -5.32	32.93 2.57 -0.73	30.24 2.23 -2.13	29.13 1.62 -9.69	29.59 1.26 -14.65	22.63 1.28 -7.25	15.79 1.21 -1.18	32.73 2.26 -4.93	26.03 2.15 0.00	15.74 1.31 0.00	21.83 1.22 -7.13	31.12 0.94 -19.60	29.78 2.22 -1.13	39.98 1.85 -15.48	31.01 1.66 -4.14
GENESE 61753	12.28 -0.33 0.00	10.66 -0.26 0.00	14.30 -0.29 0.00	13.00 -0.45 0.00	12.84 -0.45 0.00	10.37 -0.33 0.00	12.30 -0.39 0.00	10.81 -0.45 0.00	15.21 -0.77 -0.17	17.07 -0.94 -0.64	28.24 -1.47 -0.09	24.88 -1.26 -0.26	18.09 -0.90 -1.17	14.75 -0.71 -1.77	14.23 -0.74 -0.87	12.87 -0.67 -0.14	25.01 -1.14 -0.60	22.89 -0.99 0.00	13.85 -0.59 0.00	13.75 -0.59 -0.86	12.50 -0.45 -2.37	25.38 -1.19 -0.14	23.39 -1.13 -1.88	24.73 -0.98 -0.50
H Q 61844	12.56 -0.05 0.00	10.86 -0.05 0.00	14.52 -0.07 0.00	13.40 -0.05 0.00	13.24 -0.05 0.00	10.65 -0.04 0.00	12.62 -0.06 0.00	11.15 -0.10 0.00	15.62 -0.19 0.01	17.12 -0.22 0.04	29.27 -0.35 0.01	25.58 -0.29 0.02	17.53 -0.22 0.07	13.40 -0.17 0.11	13.87 -0.17 0.06	13.23 -0.16 0.01	25.20 -0.31 0.04	23.60 -0.28 0.00	14.25 -0.18 0.00	13.22 -0.20 0.05	10.29 -0.14 0.15	26.07 -0.35 0.01	22.23 -0.30 0.12	24.98 -0.19 0.03
HUD VL 61758	13.16 0.54 0.00	11.37 0.45 0.00	15.13 0.55 0.00	13.99 0.53 0.00	13.82 0.53 0.00	11.15 0.46 0.00	13.29 0.60 0.00	11.93 0.67 0.00	18.29 1.06 -1.41	23.91 1.21 -5.33	32.30 1.94 -0.73	29.69 1.68 -2.13	28.73 1.21 -9.70	29.29 0.94 -14.66	22.31 0.96 -7.26	15.48 0.90 -1.18	32.22 1.74 -4.93	25.51 1.63 0.00	15.43 0.99 0.00	21.55 0.93 -7.14	30.91 0.70 -19.62	29.23 1.67 -1.13	39.57 1.42 -15.50	30.62 1.27 -4.14

LONGIL 61762	30.61 0.99 -17.01	27.82 0.87 -16.03	26.55 1.08 -10.89	18.04 1.00 -3.59	21.25 1.01 -6.95	24.93 0.87 -13.37	15.37 1.07 -1.61	16.57 1.12 -4.19	27.44 1.74 -9.88	26.18 1.96 -6.85	33.63 3.14 -0.86	30.78 2.76 -2.13	29.54 2.01 -9.71	30.59 1.57 -15.34	29.53 1.59 -13.85	25.61 1.55 -10.66	39.81 2.75 -11.52	37.59 2.56 -11.15	33.08 1.55 -17.10	29.35 1.39 -14.48	31.27 1.06 -19.63	30.06 2.49 -1.13	40.21 2.05 -15.51	31.43 2.08 -4.14
MHK VL 61756	12.77 0.15 0.00	11.03 0.11 0.00	14.75 0.16 0.00	13.61 0.16 0.00	13.45 0.16 0.00	10.83 0.13 0.00	12.81 0.13 0.00	11.35 0.09 0.00	16.01 0.15 -0.04	17.74 0.20 -0.17	30.06 0.41 -0.02	26.33 0.38 -0.07	18.40 0.27 -0.31	14.35 0.20 -0.47	14.54 0.21 -0.23	13.63 0.20 -0.04	26.09 0.38 -0.16	24.26 0.38 0.00	14.67 0.23 0.00	13.92 0.22 -0.23	11.38 0.17 -0.63	26.88 0.41 -0.04	23.48 0.33 -0.50	25.74 0.40 -0.13
MILLWD 61759	13.15 0.53 0.00	11.34 0.43 0.00	15.08 0.49 0.00	13.93 0.48 0.00	13.77 0.48 0.00	11.12 0.43 0.00	13.27 0.59 0.00	11.95 0.69 0.00	18.32 1.11 -1.40	23.93 1.29 -5.27	32.42 2.07 -0.72	29.78 1.79 -2.10	28.73 1.31 -9.59	29.20 1.02 -14.50	22.31 1.03 -7.18	15.54 0.98 -1.17	32.25 1.82 -4.88	25.62 1.74 0.00	15.49 1.06 0.00	21.53 0.99 -7.06	30.74 0.76 -19.40	29.33 1.78 -1.12	39.46 1.48 -15.32	30.57 1.27 -4.10
N.Y.C. 61761	13.58 0.96 0.00	11.69 0.78 0.00	15.52 0.93 0.00	14.33 0.88 0.00	14.15 0.87 0.00	11.45 0.76 0.00	13.69 1.00 0.00	12.37 1.11 0.00	18.97 1.74 -1.41	24.72 2.02 -5.33	33.67 3.31 -0.73	30.87 2.86 -2.13	29.60 2.08 -9.71	29.96 1.62 -14.67	33.29 1.63 -17.56	51.22 1.54 -36.29	52.63 2.85 -24.23	39.75 2.74 -13.13	34.29 1.67 -18.18	34.11 1.56 -19.07	31.72 1.19 -19.95	30.40 2.82 -1.15	40.49 2.34 -15.50	31.50 2.15 -4.14
NORTH 61755	12.61 -0.01 0.00	10.89 -0.02 0.00	14.57 -0.02 0.00	13.44 -0.01 0.00	13.28 -0.01 0.00	10.69 -0.01 0.00	12.65 -0.04 0.00	11.13 -0.13 0.00	15.58 -0.22 0.02	17.07 -0.25 0.06	29.25 -0.37 0.01	25.56 -0.30 0.02	17.48 -0.22 0.11	13.34 -0.18 0.17	13.84 -0.18 0.08	13.21 -0.17 0.01	25.20 -0.29 0.06	23.63 -0.24 0.00	14.27 -0.17 0.00	13.20 -0.19 0.08	10.22 -0.14 0.22	26.08 -0.34 0.01	22.16 -0.31 0.18	25.07 -0.10 0.05
NPX 61845	13.16 0.54 0.00	11.33 0.42 0.00	15.17 0.58 0.00	13.97 0.52 0.00	13.81 0.52 0.00	11.08 0.39 0.00	13.05 0.37 0.00	11.50 0.24 0.00	17.93 0.45 -1.67	24.27 0.58 -6.32	31.62 1.13 -0.87	29.39 0.98 -2.52	30.01 0.68 -11.50	31.58 0.52 -17.38	23.23 0.53 -8.61	15.28 0.49 -1.40	32.43 1.04 -5.85	24.84 0.96 0.00	15.00 0.56 0.00	22.48 0.54 -8.47	34.26 0.42 -23.25	28.91 1.14 -1.34	42.06 1.04 -18.37	31.39 1.27 -4.91
O H 61846	11.81 -0.81 0.00	10.37 -0.55 0.00	13.84 -0.74 0.00	12.73 -0.73 0.00	12.55 -0.74 0.00	10.15 -0.55 0.00	12.19 -0.50 0.00	10.85 -0.41 0.00	15.12 -0.92 -0.22	17.03 -1.19 -0.84	27.41 -2.34 -0.12	24.15 -2.08 -0.34	17.94 -1.42 -1.54	14.95 -1.06 -2.33	14.15 -1.10 -1.15	12.56 -1.02 -0.19	24.25 -2.08 -0.79	21.93 -1.95 0.00	13.31 -1.13 0.00	13.52 -1.09 -1.14	12.85 -0.87 -3.13	24.32 -2.30 -0.18	23.10 -2.02 -2.47	23.81 -2.06 -0.66
PJM 61847	11.94 -0.68 0.00	10.40 -0.52 0.00	13.88 -0.71 0.00	12.83 -0.63 0.00	12.66 -0.63 0.00	10.21 -0.48 0.00	12.17 -0.51 0.00	10.92 -0.34 0.00	15.54 -0.57 -0.30	17.81 -0.69 -1.12	28.37 -1.41 -0.15	25.09 -1.24 -0.45	19.02 -0.84 -2.04	16.15 -0.62 -3.09	15.00 -0.62 -1.53	13.06 -0.58 -0.25	25.31 -1.28 -1.04	22.66 -1.21 0.00	13.72 -0.71 0.00	14.31 -0.67 -1.50	14.20 -0.52 -4.14	25.24 -1.43 -0.24	24.66 -1.26 -3.27	24.51 -1.57 -0.87
WEST 61752	11.75 -0.86 0.00	10.31 -0.60 0.00	13.77 -0.82 0.00	12.68 -0.77 0.00	12.50 -0.78 0.00	10.11 -0.58 0.00	12.14 -0.54 0.00	10.81 -0.45 0.00	15.05 -0.99 -0.22	16.93 -1.27 -0.83	27.27 -2.48 -0.11	24.00 -2.22 -0.33	17.81 -1.52 -1.51	14.84 -1.13 -2.29	14.06 -1.17 -1.13	12.49 -1.08 -0.18	24.13 -2.19 -0.77	21.84 -2.04 0.00	13.25 -1.18 0.00	13.44 -1.15 -1.11	12.74 -0.92 -3.07	24.19 -2.42 -0.18	22.94 -2.14 -2.43	23.66 -2.19 -0.65

