

# Average Real Time LBMP - Zonal

---

LBMP \$

---

Marginal Cost of Losses

---

Marginal Cost of Congestion

Zonal Prices

Date: 12/23/1999

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	8.13 0.40 0.00	5.96 0.30 0.00	5.92 0.31 0.00	5.55 0.28 0.00	5.43 0.26 0.00	4.85 0.22 0.00	12.24 0.70 0.00	18.66 0.79 0.00	18.40 0.76 0.00	27.40 1.16 0.00	26.74 1.18 0.00	22.61 1.01 0.00	22.55 0.99 0.00	15.38 0.69 0.00	16.34 0.79 0.00	13.17 0.51 0.00	15.88 0.63 0.00	22.21 0.99 0.00	17.55 0.75 0.00	26.28 1.16 0.00	19.12 0.88 0.00	15.61 0.71 0.00	22.73 1.08 -0.73	17.42 1.16 0.00
CENTRL 61754	7.59 -0.14 0.00	5.56 -0.10 0.00	5.52 -0.09 0.00	5.19 -0.08 0.00	5.09 -0.08 0.00	4.56 -0.07 0.00	11.30 -0.24 0.00	17.42 -0.45 0.00	17.17 -0.47 0.00	25.53 -0.70 0.00	24.88 -0.67 0.00	21.02 -0.58 0.00	20.97 -0.59 0.00	14.31 -0.38 0.00	15.15 -0.41 0.00	12.40 -0.27 0.00	14.99 -0.26 0.00	20.79 -0.43 0.00	16.49 -0.31 0.00	24.62 -0.50 0.00	17.85 -0.40 0.00	14.56 -0.34 0.00	20.43 -0.57 -0.07	15.78 -0.49 0.00
DUNWOD 61760	8.19 0.46 0.00	5.94 0.29 0.00	5.89 0.28 0.00	5.53 0.26 0.00	5.42 0.25 0.00	4.88 0.25 0.00	12.25 0.72 0.00	19.37 1.50 0.00	19.27 1.63 0.00	28.66 2.43 0.00	27.83 2.28 0.00	23.53 1.93 0.00	23.49 1.93 0.00	15.97 1.28 0.00	16.90 1.35 0.00	13.81 1.15 0.00	16.69 1.43 0.00	23.29 2.07 0.00	18.41 1.61 0.00	27.39 2.27 0.00	19.83 1.58 0.00	16.16 1.26 0.00	23.21 1.72 -0.57	17.42 1.16 0.00
GENESE 61753	7.61 -0.12 0.00	5.60 -0.06 0.00	5.56 -0.05 0.00	5.23 -0.04 0.00	5.13 -0.04 0.00	4.59 -0.04 0.00	11.38 -0.15 0.00	17.23 -0.64 0.00	16.85 -0.79 0.00	25.06 -1.17 0.00	24.51 -1.04 0.00	20.72 -0.87 0.00	20.67 -0.89 0.00	14.13 -0.56 0.00	14.98 -0.58 0.00	12.22 -0.45 0.00	14.81 -0.45 0.00	20.55 -0.67 0.00	16.30 -0.50 0.00	24.35 -0.77 0.00	17.66 -0.59 0.00	14.40 -0.49 0.00	20.12 -0.87 -0.07	15.59 -0.68 0.00
H Q 61844	7.70 -0.03 0.00	5.63 -0.02 0.00	5.59 -0.02 0.00	5.25 -0.02 0.00	5.16 -0.02 0.00	4.62 -0.01 0.00	11.48 -0.05 0.00	17.72 -0.15 0.00	17.45 -0.19 0.00	25.95 -0.28 0.00	25.30 -0.25 0.00	21.40 -0.20 0.00	21.37 -0.19 0.00	14.57 -0.12 0.00	15.44 -0.12 0.00	12.54 -0.12 0.00	15.03 -0.22 0.00	20.88 -0.34 0.00	16.54 -0.26 0.00	24.73 -0.39 0.00	18.00 -0.25 0.00	14.69 -0.21 0.00	20.67 -0.24 0.00	16.18 -0.09 0.00
HUD VL 61758	8.09 0.35 0.00	5.88 0.23 0.00	5.83 0.22 0.00	5.47 0.20 0.00	5.37 0.20 0.00	4.83 0.20 0.00	12.08 0.55 0.00	18.98 1.11 0.00	18.83 1.19 0.00	27.97 1.74 0.00	27.18 1.63 0.00	22.99 1.39 0.00	22.97 1.41 0.00	15.62 0.93 0.00	16.54 0.98 0.00	13.51 0.84 0.00	16.33 1.07 0.00	22.77 1.55 0.00	18.01 1.20 0.00	26.83 1.71 0.00	19.44 1.19 0.00	15.87 0.97 0.00	22.85 1.36 -0.57	17.16 0.89 0.00

LONGIL 61762	11.38 0.59 -3.05	14.78 0.42 -8.71	20.49 0.41 -14.47	6.38 0.40 -0.71	14.80 0.40 -9.22	23.73 0.38 -18.73	30.61 0.98 -18.09	29.65 1.89 -9.89	32.11 1.99 -12.48	32.00 2.93 -2.84	31.96 2.76 -3.64	31.28 2.32 -7.36	31.30 2.33 -7.41	31.88 1.56 -15.63	31.34 1.66 -14.13	31.70 1.41 -17.63	29.76 1.74 -12.76	32.47 2.35 -8.90	29.49 1.81 -10.87	31.28 2.56 -3.60	32.31 1.84 -12.23	30.29 1.47 -13.93	29.30 2.02 -6.36	29.80 1.42 -12.11
MHK VL 61756	7.79 0.06 0.00	5.70 0.05 0.00	5.66 0.05 0.00	5.32 0.05 0.00	5.21 0.04 0.00	4.66 0.03 0.00	11.68 0.14 0.00	18.08 0.21 0.00	17.85 0.21 0.00	26.54 0.30 0.00	25.85 0.30 0.00	21.86 0.26 0.00	21.83 0.26 0.00	14.88 0.19 0.00	15.77 0.21 0.00	12.83 0.16 0.00	15.47 0.21 0.00	21.56 0.34 0.00	17.07 0.26 0.00	25.50 0.38 0.00	18.51 0.26 0.00	15.11 0.21 0.00	21.17 0.23 -0.02	16.45 0.19 0.00
MILLWD 61759	8.07 0.34 0.00	5.85 0.20 0.00	5.80 0.19 0.00	5.45 0.18 0.00	5.35 0.18 0.00	4.81 0.18 0.00	12.07 0.54 0.00	19.07 1.20 0.00	18.96 1.32 0.00	28.20 1.97 0.00	27.38 1.83 0.00	23.14 1.54 0.00	23.11 1.55 0.00	15.71 1.02 0.00	16.63 1.07 0.00	13.58 0.92 0.00	16.41 1.16 0.00	22.91 1.69 0.00	18.12 1.31 0.00	26.96 1.84 0.00	19.52 1.27 0.00	15.91 1.01 0.00	22.87 1.38 -0.56	17.17 0.90 0.00
N.Y.C. 61761	8.32 0.59 0.00	6.02 0.37 0.00	5.96 0.35 0.00	5.60 0.33 0.00	5.49 0.32 0.00	4.95 0.32 0.00	12.45 0.92 0.00	19.77 1.90 0.00	19.71 2.08 0.00	29.35 3.12 0.00	28.84 2.94 -0.35	28.80 2.49 -4.72	26.84 2.49 -2.78	23.20 1.66 -6.85	22.40 1.75 -5.10	14.26 1.48 -0.12	17.98 1.84 -0.88	56.64 2.65 -32.77	27.32 2.04 -8.47	28.01 2.89 0.00	20.25 2.01 0.00	16.50 1.60 0.00	23.68 2.19 -0.57	17.76 1.49 0.00
NORTH 61755	7.72 -0.02 0.00	5.64 -0.01 0.00	5.60 -0.01 0.00	5.26 -0.01 0.00	5.17 -0.01 0.00	4.62 0.00 0.00	11.52 -0.01 0.00	17.72 -0.16 0.00	17.44 -0.20 0.00	25.94 -0.30 0.00	25.29 -0.26 0.00	21.40 -0.20 0.00	21.36 -0.20 0.00	14.57 -0.12 0.00	15.44 -0.12 0.00	12.54 -0.13 0.00	15.04 -0.21 0.00	20.91 -0.31 0.00	16.56 -0.24 0.00	24.75 -0.37 0.00	18.00 -0.24 0.00	14.68 -0.22 0.00	20.64 -0.27 0.01	16.21 -0.06 0.00
NPX 61845	8.07 0.33 0.00	5.83 0.18 0.00	5.79 0.18 0.00	5.43 0.16 0.00	5.31 0.14 0.00	4.75 0.12 0.00	11.95 0.42 0.00	18.43 0.55 0.00	18.23 0.60 0.00	27.10 0.86 0.00	26.39 0.84 0.00	22.33 0.73 0.00	22.28 0.72 0.00	15.18 0.49 0.00	16.10 0.54 0.00	13.04 0.37 0.00	15.72 0.47 0.00	21.93 0.71 0.00	17.33 0.52 0.00	25.91 0.79 0.00	18.84 0.59 0.00	15.40 0.50 0.00	22.34 0.75 -0.68	16.95 0.68 0.00
O H 61846	7.37 -0.36 0.00	5.45 -0.20 0.00	5.43 -0.18 0.00	5.12 -0.15 0.00	5.05 -0.12 0.00	4.51 -0.12 0.00	10.85 -0.69 0.00	16.78 -1.09 0.00	16.41 -1.23 0.00	24.35 -1.89 0.00	23.74 -1.81 0.00	20.04 -1.56 0.00	20.04 -1.53 0.00	13.70 -0.99 0.00	14.50 -1.06 0.00	11.91 -0.75 0.00	14.37 -0.89 0.00	19.93 -1.29 0.00	15.87 -0.94 0.00	23.71 -1.41 0.00	17.19 -1.06 0.00	14.03 -0.87 0.00	19.62 -1.39 -0.09	15.10 -1.17 0.00
PJM 61847	7.43 -0.30 0.00	5.45 -0.20 0.00	5.41 -0.20 0.00	5.09 -0.18 0.00	5.00 -0.17 0.00	4.48 -0.15 0.00	10.99 -0.54 0.00	17.17 -0.70 0.00	16.93 -0.71 0.00	25.16 -1.08 0.00	24.46 -1.10 0.00	20.65 -0.95 0.00	20.64 -0.92 0.00	14.07 -0.62 0.00	14.88 -0.68 0.00	12.21 -0.46 0.00	14.68 -0.57 0.00	20.36 -0.86 0.00	16.19 -0.62 0.00	24.16 -0.96 0.00	17.53 -0.72 0.00	14.30 -0.60 0.00	20.11 -0.93 -0.12	15.44 -0.83 0.00
WEST 61752	7.39 -0.34 0.00	5.46 -0.19 0.00	5.43 -0.18 0.00	5.13 -0.14 0.00	5.06 -0.12 0.00	4.52 -0.11 0.00	10.85 -0.69 0.00	16.77 -1.11 0.00	16.37 -1.27 0.00	24.30 -1.93 0.00	23.70 -1.85 0.00	19.99 -1.61 0.00	19.96 -1.61 0.00	13.63 -1.06 0.00	14.43 -1.13 0.00	11.89 -0.77 0.00	14.33 -0.93 0.00	19.86 -1.36 0.00	15.83 -0.98 0.00	23.66 -1.46 0.00	17.15 -1.09 0.00	14.00 -0.90 0.00	19.54 -1.47 -0.09	15.04 -1.23 0.00

