

Average Real Time LBMP - Zonal

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

Zonal Prices Date: 12/11/1999

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	16.30 0.98 0.00	13.61 0.80 0.00	18.01 1.00 0.00	17.22 0.91 0.00	18.59 0.98 0.00	20.04 1.13 0.00	20.73 1.14 0.00	16.71 0.89 0.00	20.94 1.23 0.00	19.99 1.21 0.00	17.04 1.02 0.00	16.72 0.99 0.00	18.34 1.10 0.00	16.97 1.04 0.00	15.39 0.97 0.00	16.19 1.06 0.00	26.62 1.70 0.00	1565.85 102.80 0.00	31.65 1.95 0.00	27.41 1.71 0.00	26.53 1.62 0.00	26.83 1.59 0.00	26.80 1.52 0.00	21.66 1.18 0.00
CENTRL 61754	14.99 -0.33 0.00	12.59 -0.22 0.00	16.74 -0.27 0.00	16.02 -0.29 0.00	17.30 -0.31 0.00	18.58 -0.33 0.00	19.27 -0.32 0.00	15.56 -0.26 0.00	19.32 -0.39 0.00	18.40 -0.38 0.00	15.70 -0.32 0.00	15.38 -0.35 0.00	16.85 -0.40 0.00	15.55 -0.38 0.00	14.09 -0.33 0.00	14.78 -0.35 0.00	24.33 -0.59 0.00	1430.82 -32.22 0.00	29.13 -0.57 0.00	25.17 -0.53 0.00	24.37 -0.54 0.00	24.67 -0.57 0.00	24.68 -0.59 0.00	19.97 -0.50 0.00
DUNWOD 61760	16.16 0.84 0.00	13.41 0.60 0.00	17.74 0.73 0.00	16.99 0.69 0.00	18.32 0.71 0.00	19.68 0.77 0.00	20.52 0.93 0.00	16.74 0.91 0.00	20.93 1.22 0.00	20.04 1.26 0.00	17.13 1.11 0.00	16.88 1.14 0.00	18.51 1.26 0.00	17.05 1.12 0.00	15.40 0.98 0.00	16.14 1.01 0.00	26.85 1.93 0.00	1568.42 105.38 0.00	31.83 2.12 0.00	27.61 1.91 0.00	26.73 1.82 0.00	27.10 1.86 0.00	27.11 1.84 0.00	21.84 1.37 0.00
GENESE 61753	14.84 -0.48 0.00	12.43 -0.38 0.00	16.54 -0.46 0.00	15.77 -0.54 0.00	17.02 -0.59 0.00	18.35 -0.56 0.00	19.06 -0.53 0.00	15.34 -0.48 0.00	19.10 -0.61 0.00	18.15 -0.63 0.00	15.51 -0.51 0.00	15.20 -0.53 0.00	16.63 -0.62 0.00	15.38 -0.55 0.00	13.93 -0.50 0.00	14.62 -0.52 0.00	24.00 -0.92 0.00	1419.08 -43.96 0.00	28.90 -0.80 0.00	24.92 -0.78 0.00	24.12 -0.79 0.00	24.42 -0.82 0.00	24.41 -0.87 0.00	19.74 -0.73 0.00
H Q 61844	15.19 -0.13 0.00	12.71 -0.10 0.00	16.89 -0.12 0.00	16.19 -0.11 0.00	17.49 -0.12 0.00	18.78 -0.13 0.00	19.47 -0.12 0.00	15.70 -0.12 0.00	19.56 -0.15 0.00	18.58 -0.20 0.00	15.84 -0.18 0.00	15.55 -0.18 0.00	17.04 -0.21 0.00	15.76 -0.17 0.00	14.27 -0.15 0.00	14.98 -0.15 0.00	24.56 -0.36 0.00	1440.78 -22.26 0.00	29.24 -0.46 0.00	25.29 -0.41 0.00	24.57 -0.34 0.00	24.89 -0.35 0.00	24.95 -0.32 0.00	20.24 -0.23 0.00
HUD VL 61758	15.97 0.65 0.00	13.26 0.46 0.00	17.58 0.57 0.00	16.86 0.56 0.00	18.18 0.58 0.00	19.51 0.60 0.00	20.30 0.71 0.00	16.53 0.71 0.00	20.64 0.93 0.00	19.74 0.96 0.00	16.88 0.86 0.00	16.62 0.89 0.00	18.22 0.97 0.00	16.79 0.86 0.00	15.19 0.77 0.00	15.92 0.79 0.00	26.38 1.46 0.00	1544.21 81.16 0.00	31.35 1.65 0.00	27.15 1.45 0.00	26.27 1.36 0.00	26.63 1.39 0.00	26.64 1.36 0.00	21.49 1.01 0.00

LONGIL 61762	23.48 1.20 -6.96	13.74 0.93 0.00	18.13 1.12 0.00	17.34 1.04 0.00	18.70 1.09 0.00	20.13 1.22 0.00	23.22 1.52 -2.11	26.67 1.42 -9.42	27.69 1.81 -6.17	27.98 1.81 -7.39	28.19 1.56 -10.61	28.23 1.58 -10.91	28.08 1.76 -9.07	27.96 1.59 -10.44	27.87 1.41 -12.04	27.86 1.46 -11.26	35.01 2.64 -7.46	1583.76 120.71 0.00	32.33 2.62 0.00	29.68 2.45 -1.54	29.63 2.36 -2.37	29.20 2.41 -1.56	28.66 2.49 -0.89	26.18 1.95 -3.76
MHK VL 61756	15.47 0.15 0.00	12.94 0.13 0.00	17.16 0.15 0.00	16.44 0.14 0.00	17.75 0.14 0.00	19.07 0.16 0.00	19.76 0.17 0.00	15.94 0.12 0.00	19.90 0.19 0.00	18.96 0.18 0.00	16.16 0.14 0.00	15.87 0.14 0.00	17.41 0.16 0.00	16.10 0.17 0.00	14.59 0.17 0.00	15.33 0.19 0.00	25.19 0.27 0.00	1477.69 14.65 0.00	29.98 0.28 0.00	25.94 0.25 0.00	25.12 0.21 0.00	25.43 0.19 0.00	25.43 0.16 0.00	20.56 0.08 0.00
MILLWD 61759	15.94 0.62 0.00	13.23 0.42 0.00	17.51 0.50 0.00	16.77 0.47 0.00	18.08 0.47 0.00	19.42 0.51 0.00	20.24 0.65 0.00	16.49 0.67 0.00	20.61 0.90 0.00	19.72 0.94 0.00	16.85 0.83 0.00	16.60 0.87 0.00	18.20 0.96 0.00	16.76 0.84 0.00	15.15 0.73 0.00	15.88 0.75 0.00	26.43 1.51 0.00	1544.67 81.63 0.00	31.34 1.64 0.00	27.18 1.49 0.00	26.32 1.41 0.00	26.68 1.44 0.00	26.70 1.42 0.00	21.51 1.04 0.00
N.Y.C. 61761	16.39 1.07 0.00	13.57 0.76 0.00	17.94 0.93 0.00	17.18 0.87 0.00	18.51 0.90 0.00	19.89 0.98 0.00	20.76 1.17 0.00	16.96 1.14 0.00	21.25 1.55 0.00	20.38 1.61 0.00	17.43 1.41 0.00	17.18 1.45 0.00	18.85 1.60 0.00	17.35 1.43 0.00	15.68 1.25 0.00	16.43 1.29 0.00	27.38 2.46 0.00	1596.32 133.28 0.00	32.32 2.62 0.00	28.05 2.35 0.00	27.18 2.27 0.00	27.56 2.32 0.00	27.55 2.28 0.00	22.18 1.71 0.00
NORTH 61755	15.22 -0.10 0.00	12.73 -0.08 0.00	16.91 -0.10 0.00	16.22 -0.09 0.00	17.51 -0.10 0.00	18.82 -0.09 0.00	19.51 -0.08 0.00	15.72 -0.10 0.00	19.60 -0.10 0.00	18.62 -0.16 0.00	15.87 -0.15 0.00	15.58 -0.15 0.00	17.08 -0.17 0.00	15.80 -0.13 0.00	14.31 -0.12 0.00	15.03 -0.11 0.00	24.63 -0.29 0.00	1444.92 -18.12 0.00	29.31 -0.39 0.00	25.34 -0.36 0.00	24.61 -0.30 0.00	24.92 -0.32 0.00	24.96 -0.32 0.00	20.25 -0.22 0.00
NPX 61845	15.82 0.50 0.00	13.20 0.39 0.00	17.47 0.46 0.00	16.73 0.42 0.00	18.06 0.45 0.00	19.43 0.52 0.00	20.12 0.53 0.00	16.27 0.45 0.00	20.37 0.66 0.00	19.46 0.69 0.00	16.62 0.60 0.00	16.32 0.59 0.00	17.90 0.66 0.00	16.54 0.61 0.00	14.98 0.55 0.00	15.74 0.60 0.00	25.90 0.98 0.00	1520.64 57.60 0.00	30.77 1.07 0.00	26.65 0.96 0.00	25.80 0.89 0.00	26.13 0.89 0.00	26.13 0.85 0.00	21.13 0.66 0.00
O H 61846	14.67 -0.65 0.00	12.32 -0.49 0.00	16.50 -0.51 0.00	15.87 -0.44 0.00	17.13 -0.47 0.00	18.37 -0.54 0.00	19.03 -0.56 0.00	15.26 -0.57 0.00	18.61 -1.10 0.00	17.59 -1.19 0.00	15.03 -0.99 0.00	14.74 -0.99 0.00	16.09 -1.15 0.00	14.85 -1.08 0.00	13.45 -0.98 0.00	14.08 -1.06 0.00	23.17 -1.75 0.00	1366.16 -96.88 0.00	27.89 -1.81 0.00	24.01 -1.68 0.00	23.24 -1.67 0.00	23.65 -1.58 0.00	23.95 -1.33 0.00	19.70 -0.77 0.00
PJM 61847	14.69 -0.63 0.00	12.31 -0.50 0.00	16.41 -0.60 0.00	15.79 -0.52 0.00	17.04 -0.56 0.00	18.25 -0.66 0.00	18.89 -0.70 0.00	15.25 -0.58 0.00	18.84 -0.87 0.00	17.92 -0.85 0.00	15.28 -0.74 0.00	15.00 -0.73 0.00	16.42 -0.82 0.00	15.16 -0.77 0.00	13.73 -0.70 0.00	14.40 -0.73 0.00	23.71 -1.21 0.00	1393.32 -69.72 0.00	28.35 -1.35 0.00	24.46 -1.24 0.00	23.69 -1.23 0.00	24.02 -1.22 0.00	24.13 -1.15 0.00	19.64 -0.84 0.00
WEST 61752	14.68 -0.64 0.00	12.33 -0.47 0.00	16.55 -0.46 0.00	15.95 -0.36 0.00	17.23 -0.38 0.00	18.42 -0.49 0.00	19.06 -0.53 0.00	15.29 -0.53 0.00	18.65 -1.06 0.00	17.64 -1.14 0.00	15.06 -0.96 0.00	14.79 -0.94 0.00	16.15 -1.10 0.00	14.88 -1.05 0.00	13.47 -0.95 0.00	14.09 -1.04 0.00	23.21 -1.71 0.00	1369.29 -93.75 0.00	27.93 -1.77 0.00	24.04 -1.66 0.00	23.26 -1.65 0.00	23.70 -1.53 0.00	23.98 -1.30 0.00	19.73 -0.74 0.00

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