

Average Real Time LBMP - Zonal

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

Zonal Prices Date: 12/31/1999

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	16.12 1.00 0.00	15.34 0.97 0.00	13.91 0.91 0.00	12.77 0.84 0.00	6.73 0.43 0.00	8.42 0.53 0.00	1.56 0.09 0.00	11.33 0.57 0.00	12.75 0.69 0.00	22.34 0.78 -8.52	33.36 0.81 -18.86	32.30 1.29 -9.42	27.67 0.62 -15.92	21.66 1.09 -2.07	14.93 0.87 0.00	15.50 0.89 0.00	21.88 1.27 0.00	36.09 2.08 -1.60	32.09 1.43 -7.36	36.24 1.61 -6.86	31.48 1.93 0.00	38.84 2.31 0.00	48.01 3.49 0.00	57.21 4.42 0.00
CENTRL 61754	14.73 -0.39 0.00	14.05 -0.32 0.00	12.71 -0.28 0.00	11.69 -0.25 0.00	6.19 -0.11 0.00	7.74 -0.15 0.00	1.46 -0.01 0.00	10.58 -0.18 0.00	11.84 -0.23 0.00	13.61 -0.32 -0.90	15.28 -0.39 -1.98	21.94 -0.64 -0.99	12.51 -0.29 -1.68	18.23 -0.49 -0.22	13.69 -0.37 0.00	14.26 -0.35 0.00	20.06 -0.55 0.00	31.68 -0.90 -0.17	23.46 -0.60 -0.77	27.76 -0.72 -0.72	28.72 -0.84 0.00	35.50 -1.03 0.00	43.12 -1.40 0.00	51.14 -1.65 0.00
DUNWOD 61760	16.02 0.90 0.00	15.11 0.74 0.00	13.59 0.60 0.00	12.46 0.52 0.00	6.58 0.28 0.00	8.27 0.38 0.00	1.56 0.08 0.00	11.49 0.73 0.00	13.00 0.94 0.00	20.83 1.12 -6.68	29.71 1.24 -14.79	30.93 1.95 -7.39	24.62 1.02 -12.48	21.72 1.59 -1.62	15.20 1.15 0.00	15.78 1.17 0.00	22.36 1.75 0.00	36.48 2.81 -1.25	30.96 1.89 -5.77	35.42 2.28 -5.38	31.77 2.21 0.00	39.01 2.47 0.00	46.59 2.07 0.00	54.52 1.73 0.00
GENESE 61753	14.59 -0.53 0.00	13.93 -0.44 0.00	12.65 -0.35 0.00	11.68 -0.25 0.00	6.22 -0.09 0.00	7.77 -0.12 0.00	1.46 -0.02 0.00	10.47 -0.29 0.00	11.64 -0.43 0.00	13.22 -0.62 -0.81	14.75 -0.72 -1.79	21.31 -1.16 -0.89	12.06 -0.58 -1.51	17.78 -0.92 -0.20	13.36 -0.70 0.00	13.92 -0.69 0.00	19.62 -0.99 0.00	31.05 -1.52 -0.15	23.00 -0.98 -0.69	27.13 -1.29 -0.65	28.20 -1.36 0.00	34.90 -1.63 0.00	43.13 -1.40 0.00	51.70 -1.09 0.00
H Q 61844	15.05 -0.07 0.00	14.33 -0.05 0.00	12.97 -0.02 0.00	11.92 -0.02 0.00	6.29 -0.01 0.00	7.88 -0.01 0.00	1.47 0.00 0.00	10.67 -0.09 0.00	11.93 -0.13 0.00	12.84 -0.14 0.05	13.41 -0.16 0.11	21.27 -0.26 0.05	10.89 -0.14 0.09	18.29 -0.20 0.01	13.93 -0.12 0.00	14.49 -0.12 0.00	20.42 -0.19 0.00	32.02 -0.38 0.01	22.94 -0.31 0.04	27.30 -0.43 0.04	29.13 -0.43 0.00	36.10 -0.44 0.00	44.39 -0.13 0.00	52.98 0.19 0.00
HUD VL 61758	15.81 0.69 0.00	14.97 0.60 0.00	13.48 0.48 0.00	12.36 0.43 0.00	6.53 0.23 0.00	8.19 0.30 0.00	1.54 0.06 0.00	11.30 0.54 0.00	12.76 0.69 0.00	20.54 0.82 -6.69	29.40 0.91 -14.81	30.41 1.43 -7.40	24.37 0.75 -12.50	21.29 1.16 -1.62	14.89 0.83 0.00	15.46 0.85 0.00	21.87 1.26 0.00	35.70 2.04 -1.25	30.45 1.38 -5.78	34.82 1.67 -5.38	31.18 1.63 0.00	38.33 1.80 0.00	45.96 1.43 0.00	53.92 1.13 0.00

LONGIL 61762	32.22 1.24 -15.86	23.07 1.09 -7.62	13.89 0.90 0.00	12.74 0.80 0.00	6.74 0.43 0.00	11.25 0.58 -2.78	24.51 0.12 -22.91	13.75 1.00 -1.98	19.60 1.23 -6.31	31.67 1.42 -17.21	37.52 1.54 -22.29	38.86 2.41 -14.86	36.67 1.24 -24.31	32.69 1.98 -12.20	31.41 1.46 -15.89	31.61 1.49 -15.51	32.06 2.19 -9.26	37.17 3.39 -1.37	37.78 2.17 -12.31	39.67 2.64 -9.26	35.47 2.70 -3.21	39.42 2.89 0.00	46.90 2.37 0.00	54.91 2.12 0.00
MHK VL 61756	15.30 0.18 0.00	14.57 0.20 0.00	13.19 0.19 0.00	12.11 0.17 0.00	6.39 0.09 0.00	8.00 0.11 0.00	1.49 0.02 0.00	10.89 0.13 0.00	12.21 0.15 0.00	13.43 0.19 -0.21	14.34 0.18 -0.47	22.11 0.29 -0.23	11.67 0.15 -0.40	18.84 0.28 -0.05	14.29 0.24 0.00	14.85 0.24 0.00	20.90 0.29 0.00	32.83 0.38 -0.04	23.67 0.20 -0.18	28.15 0.21 -0.17	29.80 0.25 0.00	36.84 0.30 0.00	44.97 0.44 0.00	53.41 0.62 0.00
MILLWD 61759	15.81 0.69 0.00	14.93 0.56 0.00	13.43 0.43 0.00	12.31 0.37 0.00	6.50 0.20 0.00	8.17 0.28 0.00	1.54 0.06 0.00	11.34 0.58 0.00	12.82 0.76 0.00	20.55 0.91 -6.62	29.34 1.02 -14.64	30.50 1.60 -7.31	24.32 0.84 -12.36	21.41 1.30 -1.60	14.98 0.92 0.00	15.55 0.94 0.00	22.03 1.42 0.00	35.94 2.29 -1.24	30.54 1.53 -5.71	34.94 1.85 -5.32	31.33 1.78 0.00	38.49 1.96 0.00	46.01 1.49 0.00	53.88 1.10 0.00
N.Y.C. 61761	16.23 1.11 0.00	15.28 0.91 0.00	13.73 0.74 0.00	12.58 0.64 0.00	6.65 0.35 0.00	8.36 0.47 0.00	1.57 0.10 0.00	11.66 0.90 0.00	13.22 1.16 0.00	21.10 1.38 -6.69	30.02 1.53 -14.81	31.39 2.41 -7.40	24.88 1.25 -12.50	22.09 1.96 -1.62	15.47 1.41 0.00	16.06 1.45 0.00	22.77 2.16 0.00	37.13 3.46 -1.25	31.42 2.35 -5.78	35.98 2.83 -5.38	32.28 2.72 0.00	39.59 3.06 0.00	47.17 2.65 0.00	55.07 2.29 0.00
NORTH 61755	15.10 -0.02 0.00	14.38 0.00 0.00	13.02 0.03 0.00	11.96 0.02 0.00	6.32 0.01 0.00	7.90 0.01 0.00	1.47 0.00 0.00	10.67 -0.09 0.00	11.93 -0.14 0.00	12.82 -0.14 0.08	13.36 -0.16 0.17	21.25 -0.26 0.08	10.84 -0.14 0.14	18.30 -0.19 0.02	13.95 -0.11 0.00	14.51 -0.10 0.00	20.45 -0.16 0.00	32.06 -0.34 0.01	22.92 -0.31 0.06	27.27 -0.44 0.06	29.14 -0.41 0.00	36.11 -0.42 0.00	44.44 -0.08 0.00	53.27 0.49 0.00
NPX 61845	15.62 0.51 0.00	14.84 0.47 0.00	13.44 0.44 0.00	12.34 0.40 0.00	6.50 0.20 0.00	8.14 0.25 0.00	1.52 0.05 0.00	11.06 0.30 0.00	12.46 0.39 0.00	21.44 0.48 -7.93	31.75 0.51 -17.55	31.17 0.82 -8.77	26.34 0.40 -14.82	21.11 0.68 -1.92	14.58 0.52 0.00	15.13 0.52 0.00	21.35 0.74 0.00	35.12 1.22 -1.49	30.95 0.81 -6.85	35.07 0.93 -6.38	30.65 1.10 0.00	37.76 1.23 0.00	46.20 1.68 0.00	54.65 1.87 0.00
O H 61846	14.49 -0.63 0.00	13.74 -0.63 0.00	12.43 -0.56 0.00	11.44 -0.49 0.00	6.07 -0.23 0.00	7.58 -0.31 0.00	1.43 -0.04 0.00	10.32 -0.44 0.00	11.39 -0.67 0.00	13.23 -0.87 -1.07	15.11 -0.94 -2.37	21.23 -1.53 -1.18	12.38 -0.74 -2.00	17.49 -1.27 -0.26	13.11 -0.95 0.00	13.66 -0.95 0.00	19.21 -1.40 0.00	30.06 -2.55 -0.20	22.49 -1.72 -0.92	26.57 -2.05 -0.86	27.20 -2.35 0.00	33.83 -2.70 0.00	40.84 -3.68 0.00	48.60 -4.18 0.00
PJM 61847	14.50 -0.62 0.00	13.78 -0.60 0.00	12.43 -0.56 0.00	11.42 -0.51 0.00	6.05 -0.25 0.00	7.56 -0.33 0.00	1.43 -0.04 0.00	10.37 -0.39 0.00	11.58 -0.48 0.00	13.87 -0.57 -1.41	16.20 -0.60 -3.12	22.16 -0.98 -1.55	13.28 -0.47 -2.63	18.02 -0.83 -0.34	13.44 -0.62 0.00	13.98 -0.63 0.00	19.68 -0.93 0.00	30.95 -1.73 -0.26	23.24 -1.27 -1.21	27.43 -1.47 -1.13	27.85 -1.70 0.00	34.52 -2.01 0.00	41.52 -3.00 0.00	49.12 -3.67 0.00
WEST 61752	14.42 -0.70	13.70 -0.67	12.40 -0.59	11.41 -0.52	6.06 -0.25	7.57 -0.32	1.43 -0.05	10.27 -0.49	11.31 -0.75	13.11 -0.97	14.95 -1.04	21.05 -1.70	12.25 -0.83	17.35 -1.41	13.02 -1.03	13.60 -1.01	19.13 -1.48	29.87 -2.74	22.29 -1.90	26.36 -2.25	26.96 -2.59	33.54 -2.99	40.49 -4.04	48.25 -4.54

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.05	-2.31	-1.16	-1.96	-0.25	0.00	0.00	0.00	-0.19	-0.90	-0.84	0.00	0.00	0.00	0.00
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