

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/03/1999

Name	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
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL 61757	24.70 0.79 0.00	16.19 0.67 0.00	13.11 0.50 0.00	14.09 0.53 0.00	16.02 0.64 0.00	31.35 1.37 0.00	34.90 1.62 0.00	33.06 1.16 0.00	40.50 1.44 0.00	62.26 2.04 0.00	64.26 2.30 0.00	27.13 1.01 0.00	12.03 0.42 0.00	14.54 0.47 0.00	13.15 0.41 0.00	13.46 0.40 0.00	77.83 3.17 0.00	73.52 1.39 -31.24	67.37 2.08 0.00	65.88 1.64 -16.91	62.16 1.13 -29.53	44.55 1.45 -1.00	19.49 0.53 0.00	27.83 1.04 0.00
CENTRL 61754	23.33 -0.59 0.00	15.12 -0.40 0.00	12.34 -0.26 0.00	13.33 -0.24 0.00	15.06 -0.32 0.00	29.20 -0.78 0.00	32.43 -0.84 0.00	31.15 -0.75 0.00	38.08 -0.98 0.00	58.75 -1.47 0.00	60.43 -1.54 0.00	25.44 -0.67 0.00	11.36 -0.25 0.00	13.80 -0.27 0.00	12.53 -0.20 0.00	12.88 -0.18 0.00	73.13 -1.53 0.00	43.38 -0.82 -3.31	63.89 -1.39 0.00	48.05 -1.07 -1.79	33.92 -0.71 -3.13	41.23 -0.97 -0.10	18.52 -0.43 0.00	26.15 -0.64 0.00
DUNWOD 61760	25.32 1.41 0.00	16.39 0.86 0.00	13.28 0.68 0.00	14.29 0.72 0.00	16.20 0.82 0.00	31.65 1.67 0.00	35.36 2.09 0.00	34.55 2.65 0.00	42.68 3.62 0.00	65.71 5.49 0.00	67.29 5.32 0.00	28.49 2.38 0.00	12.70 1.09 0.00	15.42 1.34 0.00	13.96 1.22 0.00	14.37 1.31 0.00	82.06 7.40 0.00	69.49 4.11 -24.49	71.70 6.41 0.00	65.33 4.74 -13.25	57.85 3.18 -23.15	47.07 4.19 -0.79	20.85 1.89 0.00	28.91 2.12 0.00
GENESE 61753	23.11 -0.81 0.00	14.97 -0.56 0.00	12.22 -0.39 0.00	13.17 -0.40 0.00	14.88 -0.50 0.00	28.97 -1.01 0.00	32.20 -1.08 0.00	30.59 -1.32 0.00	37.38 -1.67 0.00	57.76 -2.46 0.00	59.73 -2.23 0.00	25.09 -1.02 0.00	11.17 -0.45 0.00	13.48 -0.59 0.00	12.23 -0.50 0.00	12.52 -0.54 0.00	71.45 -3.21 0.00	42.12 -1.74 -2.96	62.32 -2.97 0.00	46.53 -2.41 -1.60	32.70 -1.61 -2.80	39.95 -2.24 -0.09	17.83 -1.12 0.00	25.48 -1.31 0.00
H Q 61844	23.72 -0.19 0.01	15.38 -0.13 0.02	12.49 -0.11 0.00	13.44 -0.13 0.00	15.23 -0.15 0.00	29.69 -0.29 0.00	32.89 -0.39 0.00	31.39 -0.51 0.00	38.33 -0.73 0.00	59.10 -1.12 0.00	60.95 -1.02 0.00	25.69 -0.42 0.00	11.42 -0.19 0.00	13.83 -0.25 0.00	12.50 -0.23 0.00	12.77 -0.29 0.00	72.94 -1.72 0.00	39.79 -0.92 0.19	63.85 -1.44 0.00	46.13 -1.11 0.10	30.61 -0.72 0.18	41.26 -0.83 0.01	18.60 -0.36 0.00	26.44 -0.35 0.00
HUD VL 61758	25.04 1.13 0.01	16.21 0.69 0.01	13.16 0.56 0.00	14.16 0.60 0.00	16.06 0.68 0.00	31.37 1.39 0.00	34.98 1.70 0.00	34.03 2.13 0.00	41.88 2.83 0.00	64.54 4.31 0.00	66.10 4.13 0.00	27.90 1.78 0.00	12.42 0.81 0.00	15.11 1.04 0.00	13.68 0.95 0.00	14.07 1.01 0.00	80.29 5.63 0.00	68.50 3.13 -24.48	70.20 4.91 0.00	64.20 3.61 -13.25	57.06 2.40 -23.15	46.11 3.23 -0.79	20.44 1.48 0.00	28.44 1.65 0.00
LONGIL 61762	31.52 2.11 -5.50	30.04 1.38 -13.14	30.46 1.08 -16.77	30.22 1.16 -15.49	30.24 1.32 -13.54	32.70 2.51 -0.21	35.85 2.57 0.00	35.00 3.10 0.00	43.51 4.45 0.00	66.85 6.63 0.00	68.37 6.41 0.00	33.75 3.01 -4.62	33.75 1.41 -20.73	33.61 1.76 -17.78	33.59 1.59 -19.27	33.07 1.73 -18.28	83.48 8.82 0.00	70.19 4.76 -24.53	72.76 7.47 0.00	68.50 5.67 -15.50	58.59 3.90 -23.19	48.12 5.24 -0.79	32.61 2.43 -11.22	31.77 2.89 -2.08
MHK VL 61756	24.17 0.26 0.00	15.68 0.16 0.00	12.72 0.12 0.00	13.70 0.13 0.00	15.53 0.15 0.00	30.29 0.31 0.00	33.61 0.33 0.00	32.14 0.24 0.00	39.37 0.32 0.00	60.69 0.47 0.00	62.52 0.55 0.00	26.36 0.25 0.00	11.72 0.11 0.00	14.22 0.15 0.00	12.87 0.13 0.00	13.20 0.14 0.00	75.58 0.93 0.00	42.09 0.40 -0.80	65.88 0.59 0.00	48.22 0.46 -0.43	32.55 0.28 -0.75	42.50 0.38 -0.02	19.10 0.14 0.00	27.05 0.26 0.00
MILLWD 61759	24.98 1.07 0.00	16.17 0.65 0.00	13.11 0.51 0.00	14.10 0.54 0.00	15.99 0.61 0.00	31.24 1.26 0.00	34.89 1.62 0.00	34.06 2.16 0.00	42.04 2.98 0.00	64.73 4.51 0.00	66.29 4.33 0.00	28.04 1.93 0.00	12.49 0.88 0.00	15.16 1.09 0.00	13.73 1.00 0.00	14.14 1.08 0.00	80.73 6.08 0.00	68.55 3.41 -24.25	70.63 5.34 0.00	64.40 3.95 -13.12	57.06 2.64 -22.92	46.33 3.46 -0.78	20.52 1.56 0.00	28.47 1.68 0.00
N.Y.C. 61761	25.71 1.71 -0.08	16.77 1.04 -0.21	13.43 0.83 0.00	14.46 0.89 0.00	16.40 1.01 0.00	32.05 2.07 0.00	35.89 2.61 0.00	35.16 3.26 0.00	43.51 4.45 0.00	66.81 6.59 0.00	68.36 6.39 0.00	48.43 2.90 -19.42	48.52 1.37 -35.54	35.39 1.68 -19.64	56.49 1.50 -42.25	75.79 1.58 -61.15	84.17 8.92 -0.59	74.81 4.88 -29.04	72.78 7.49 0.00	66.21 5.60 -13.27	66.02 3.80 -30.71	47.90 5.02 -0.79	21.24 2.28 0.00	29.42 2.64 0.00
NORTH 61755	23.66 -0.26 0.00	15.35 -0.17 0.00	12.46 -0.15 0.00	13.39 -0.17 0.00	15.18 -0.20 0.00	29.60 -0.38 0.00	32.75 -0.53 0.00	31.18 -0.72 0.00	38.07 -0.99 0.00	58.69 -1.53 0.00	60.58 -1.39 0.00	25.56 -0.56 0.00	11.36 -0.25 0.00	13.75 -0.33 0.00	12.43 -0.31 0.00	12.69 -0.37 0.00	72.51 -2.15 0.00	39.42 -1.19 0.28	63.41 -1.88 0.00	45.77 -1.41 0.15	30.33 -0.92 0.26	40.99 -1.10 0.01	18.46 -0.49 0.00	26.30 -0.48 0.00
NPX 61845	24.35 0.43 0.00	15.85 0.33 0.00	12.83 0.23 0.00	13.80 0.23 0.00	15.67 0.29 0.00	30.64 0.67 0.00	34.08 0.80 0.00	32.60 0.70 0.00	40.03 0.97 0.00	61.64 1.42 0.00	63.45 1.49 0.00	26.79 0.67 0.00	11.90 0.29 0.00	14.40 0.33 0.00	13.02 0.28 0.00	13.35 0.30 0.00	76.89 2.23 0.00	70.91 0.95 -29.07	66.72 1.43 0.00	64.25 1.18 -15.74	59.83 0.84 -27.48	44.12 1.09 -0.93	19.39 0.43 0.00	27.44 0.65 0.00

OH 61846	23.35	15.24	12.43	13.41	15.11	29.29	32.03	30.55	37.12	57.49	59.06	24.70	11.00	13.34	12.09	12.44	70.34	42.76	62.06	46.81	33.45	39.76	18.06	25.68
	-0.56	-0.29	-0.17	-0.16	-0.27	-0.69	-1.25	-1.35	-1.94	-2.73	-2.91	-1.41	-0.61	-0.73	-0.64	-0.62	-4.32	-2.04	-3.23	-2.63	-1.75	-2.46	-0.90	-1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.91	0.00	-2.11	-3.69	-0.12	0.00	0.00
PJM 61847	23.37	15.20	12.37	13.33	15.07	29.26	32.33	31.23	38.08	58.83	60.35	25.36	11.27	13.60	12.33	12.66	72.28	45.15	63.86	49.06	35.63	41.17	18.65	26.17
	-0.54	-0.33	-0.23	-0.24	-0.31	-0.72	-0.95	-0.68	-0.98	-1.39	-1.62	-0.76	-0.34	-0.47	-0.41	-0.39	-2.38	-0.96	-1.42	-1.09	-0.80	-1.09	-0.31	-0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.21	0.00	-2.82	-4.92	-0.17	0.00	0.00
WEST 61752	23.34	15.24	12.45	13.43	15.13	29.29	32.04	30.64	37.21	57.67	59.27	24.79	11.05	13.38	12.12	12.47	70.46	42.90	62.37	46.94	33.50	39.90	18.14	25.74
	-0.58	-0.29	-0.16	-0.13	-0.25	-0.69	-1.24	-1.26	-1.84	-2.55	-2.70	-1.32	-0.57	-0.70	-0.61	-0.59	-4.19	-1.85	-2.92	-2.48	-1.65	-2.32	-0.82	-1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.86	0.00	-2.08	-3.64	-0.12	0.00	0.00