

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/18/2003

Name PTID	00:00 EST	01:00 EST	02:00 EST	03:00 EST	04:00 EST	05:00 EST	06:00 EST	07:00 EST	08:00 EST	09:00 EST	10:00 EST	11:00 EST	12:00 EST	13:00 EST	14:00 EST	15:00 EST	16:00 EST	17:00 EST	18:00 EST	19:00 EST	20:00 EST	21:00 EST	22:00 EST	23:00 EST
CAPITL 61757	33.87 1.99 0.00	16.34 0.94 0.00	18.30 1.20 0.00	19.28 1.51 0.00	22.35 1.66 0.00	22.33 1.40 0.00	45.71 2.52 0.00	56.23 2.85 0.00	62.80 3.59 0.00	58.95 2.95 0.00	58.82 2.84 0.00	60.95 3.03 0.00	72.22 4.15 0.00	66.04 4.48 0.00	79.83 3.07 -30.72	79.69 1.98 -47.39	69.02 3.35 -15.55	82.27 1.90 -50.88	108.99 6.68 -0.01	91.35 5.04 0.00	71.40 3.80 0.00	61.39 3.03 -1.71	37.01 1.73 -2.29	29.73 1.46 0.00
CENTRL 61754	31.09 -0.79 0.00	15.11 -0.29 0.00	16.78 -0.31 0.00	17.44 -0.33 0.00	20.24 -0.46 0.00	20.52 -0.40 0.00	42.30 -0.90 0.00	52.01 -1.37 0.00	57.67 -1.55 0.00	54.47 -1.53 0.00	54.52 -1.46 0.00	56.37 -1.54 0.00	66.03 -2.04 0.00	59.77 -1.80 0.00	47.59 -1.31 -2.85	33.81 -0.90 -4.40	50.22 -1.44 -1.53	33.65 -0.84 -5.01	99.65 -2.65 0.00	84.26 -2.05 0.00	65.94 -1.66 0.00	55.35 -1.47 -0.17	32.42 -0.81 -0.23	27.68 -0.59 0.00
DUNWOD 61760	33.21 1.33 0.00	15.98 0.59 0.00	17.72 0.63 0.00	18.29 0.52 0.00	21.43 0.73 0.00	21.90 0.98 0.00	45.85 2.66 0.00	57.58 4.20 0.00	63.78 4.56 0.00	60.50 4.50 0.00	60.37 4.39 0.00	62.34 4.42 0.00	73.37 5.30 0.00	65.82 4.26 0.00	73.28 3.25 -23.98	69.21 1.88 -37.02	65.46 3.19 -12.14	71.17 1.95 -39.74	109.20 6.89 -0.01	91.68 5.37 0.00	71.87 4.28 0.00	61.55 3.56 -1.34	36.59 1.80 -1.79	29.53 1.26 0.00
GENESE 61753	31.72 -0.16 0.00	15.40 0.00 0.00	17.07 -0.03 0.00	17.84 0.07 0.00	20.66 -0.03 0.00	20.82 -0.11 0.00	42.53 -0.66 0.00	52.07 -1.31 0.00	57.85 -1.37 0.00	54.59 -1.41 0.00	54.93 -1.05 0.00	57.07 -0.84 0.00	66.71 -1.37 0.00	60.93 -0.63 0.00	48.42 -0.58 -2.96	34.59 -0.31 -4.59	51.13 -0.52 -1.54	34.06 -0.40 -4.98	101.11 -1.20 0.00	85.84 -0.47 0.00	67.06 -0.54 0.00	56.19 -0.63 -0.17	32.97 -0.25 -0.23	28.23 -0.04 0.00
H Q 61844	44.73 0.18 0.55	15.28 -0.12 0.00	16.92 -0.17 0.00	17.67 -0.10 0.00	20.60 -0.09 0.00	34.49 -0.09 11.65	42.86 -0.33 0.00	52.78 -0.60 0.00	58.59 -0.62 0.00	55.57 -0.44 0.00	55.62 -0.36 0.00	57.55 -0.36 0.00	67.63 -0.44 0.00	61.38 -0.18 0.00	58.00 0.00 2.89	29.82 0.11 0.61	-64.99 -11.48 111.51	-619.63 -18.21 666.00	-64.99 -32.17 148.56	-154.99 -22.85 215.86	-80.00 -12.57 135.00	-20.00 -2.68 81.10	-5.00 -0.70 62.79	28.15 -0.12 0.00
HUD VL 61758	32.64 0.76 0.00	15.73 0.33 0.00	17.46 0.36 0.00	18.03 0.26 0.00	21.11 0.41 0.00	21.50 0.58 0.00	44.92 1.73 0.00	56.23 2.85 0.00	62.31 3.10 0.00	59.07 3.06 0.00	58.97 3.00 0.00	60.92 3.01 0.00	71.70 3.63 0.00	64.26 2.70 0.00	71.83 2.08 -23.71	68.08 1.19 -36.58	64.15 2.03 -12.00	70.03 1.29 -39.26	106.97 4.66 -0.01	90.12 3.81 0.00	70.60 3.00 0.00	60.40 2.43 -1.32	35.98 1.22 -1.77	29.05 0.78 0.00
LONGIL 61762	48.59 1.87 -14.84	25.12 0.91 -8.81	18.01 0.92 0.00	18.56 0.79 0.00	25.94 1.08 -4.16	54.01 1.38 -31.70	46.51 3.31 0.00	74.80 5.11 -16.31	83.82 5.62 -18.99	61.55 5.53 -0.02	61.18 5.20 0.00	63.03 5.11 0.00	75.85 6.25 -1.53	66.71 5.15 0.00	74.03 3.97 -24.02	69.73 2.33 -37.09	69.85 3.99 -15.74	78.39 2.39 -46.53	114.09 8.36 -3.42	95.06 6.00 -2.75	80.68 5.16 -7.92	71.72 4.56 -10.51	40.98 2.30 -5.69	29.85 1.58 0.00
MHK VL 61756	32.45 0.57 0.00	15.67 0.27 0.00	17.41 0.31 0.00	18.16 0.39 0.00	21.09 0.39 0.00	21.33 0.40 0.00	44.09 0.90 0.00	54.38 1.00 0.00	60.39 1.18 0.00	56.94 0.94 0.00	56.93 0.95 0.00	58.93 1.01 0.00	69.16 1.09 0.00	62.84 1.28 0.00	48.02 0.96 -1.01	32.31 0.51 -1.48	51.54 0.99 -0.43	31.42 0.58 -1.36	104.46 2.15 0.00	88.11 1.80 0.00	68.95 1.35 0.00	57.74 1.05 -0.05	33.58 0.52 -0.06	28.73 0.46 0.00
MILLWD 61759	32.75 0.87 0.00	15.76 0.36 0.00	17.48 0.38 0.00	18.04 0.27 0.00	21.13 0.43 0.00	21.59 0.66 0.00	45.18 1.99 0.00	56.70 3.32 0.00	62.80 3.58 0.00	59.56 3.56 0.00	59.44 3.46 0.00	61.38 3.46 0.00	72.21 4.14 0.00	64.75 3.19 0.00	72.23 2.46 -23.73	68.30 1.38 -36.61	64.49 2.36 -12.01	70.26 1.46 -39.31	107.55 5.24 -0.01	90.40 4.09 0.00	70.87 3.28 0.00	60.69 2.71 -1.32	36.09 1.33 -1.77	29.14 0.87 0.00
N.Y.C. 61761	33.75 1.87 0.00	16.23 0.83 0.00	17.98 0.88 0.00	18.54 0.77 0.00	21.74 1.04 0.00	22.28 1.35 0.00	46.74 3.55 0.00	64.05 5.43 -5.25	78.93 5.87 -13.85	71.09 5.78 -9.31	67.31 5.64 -5.70	71.96 5.71 -8.34	78.53 6.84 -3.62	71.81 5.67 -4.58	78.89 4.33 -28.52	74.47 2.53 -41.63	69.73 4.29 -15.33	73.29 2.52 -41.29	115.10 8.71 -4.08	93.15 6.63 -0.21	72.90 5.31 0.00	67.76 4.50 -6.61	49.11 2.33 -13.79	30.09 1.71 -0.11
NORTH 61755	31.87 -0.01 0.00	15.35 -0.05 0.00	17.00 -0.09 0.00	17.78 0.01 0.00	20.72 0.02 0.00	20.99 0.06 0.00	42.76 -0.43 0.00	52.61 -0.77 0.00	58.44 -0.78 0.00	55.36 -0.65 0.00	55.43 -0.55 0.00	57.31 -0.60 0.00	67.32 -0.76 0.00	61.17 -0.40 0.00	45.68 -0.29 0.07	29.74 -0.01 0.56	49.69 -0.17 0.25	28.13 -0.13 1.23	102.12 -0.18 0.00	86.13 -0.18 0.00	67.35 -0.24 0.00	56.40 -0.21 0.04	32.76 -0.18 0.05	28.02 -0.25 0.00
NPX 61845	46.26 1.71 0.55	15.86 0.46 0.00	17.68 0.59 0.00	18.53 0.76 0.00	21.54 0.85 0.00	36.61 2.03 11.65	44.51 1.31 0.00	55.09 1.71 0.00	61.36 2.14 0.00	57.79 1.78 0.00	57.69 1.71 0.00	59.73 1.82 0.00	70.63 2.55 0.00	64.14 2.57 0.00	76.25 1.77 -28.43	75.25 1.07 -43.87	66.34 1.83 -14.39	77.65 1.06 -47.10	105.92 3.60 -0.01	88.86 2.55 0.00	70.74 2.91 -0.26	59.75 1.51 -1.59	60.25 2.75 0.99	28.94 0.67 0.00

OH 61846	39.45	13.19	14.58	14.97	17.44	29.96	36.60	44.90	49.27	46.94	47.11	48.80	56.86	51.11	42.17	31.19	43.47	30.83	84.59	72.56	60.94	48.20	50.54	24.22
	-5.10	-2.21	-2.52	-2.80	-3.25	-4.62	-6.59	-8.48	-9.95	-9.06	-8.86	-9.12	-11.21	-10.45	-7.74	-5.08	-8.63	-5.11	-17.72	-13.75	-6.89	-8.66	-6.96	-4.05
	0.55	0.00	0.00	0.00	0.00	11.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.87	-5.96	-1.98	-6.46	0.00	0.00	-0.26	-0.22	0.99	0.00
PJM 61847	39.00	14.59	16.19	16.66	19.46	30.00	41.26	51.06	56.18	53.31	53.20	54.95	64.27	57.63	44.99	35.01	35.25	36.30	96.51	82.21	65.67	41.99	50.77	26.90
	-5.55	-0.81	-0.91	-1.11	-1.24	-4.58	-1.93	-2.31	-3.04	-2.69	-2.77	-2.96	-3.81	-3.93	-4.57	-5.70	-6.44	-1.69	-5.80	-4.10	-2.16	-4.15	-6.73	-1.37
	0.55	0.00	0.00	0.00	0.00	11.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.33	19.33	16.31	-8.51	0.00	0.00	-0.26	17.64	0.99	0.00
WEST 61752	30.12	14.72	16.29	16.70	19.44	19.78	40.67	49.83	54.69	52.16	52.36	54.21	63.06	56.73	46.30	33.81	47.93	33.30	93.79	80.78	63.52	53.61	31.67	26.97
	-1.76	-0.68	-0.81	-1.07	-1.26	-1.15	-2.52	-3.55	-4.52	-3.84	-3.62	-3.71	-5.01	-4.83	-3.51	-2.32	-4.12	-2.49	-8.52	-5.53	-4.08	-3.26	-1.61	-1.30
	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	-3.77	-5.81	-1.93	-6.31	0.00	0.00	0.00	-0.21	-0.28	0.00