

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/10/2002

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL 61757	24.87 1.04 0.00	20.98 1.14 0.00	23.59 1.37 0.00	15.41 0.97 0.00	18.14 1.17 0.00	28.39 1.69 0.00	38.11 1.73 0.00	38.07 1.45 0.00	36.77 1.38 0.00	38.05 1.36 -2.88	43.66 1.46 -10.58	50.74 1.25 -24.20	82.43 0.63 -67.51	57.81 0.85 -38.32	40.08 1.28 -11.17	31.66 1.20 -0.05	35.56 0.71 -13.74	24.58 0.76 0.00	27.25 0.48 -10.13	30.66 0.65 -9.37	36.08 1.04 -6.42	33.82 1.13 -4.32	28.59 1.21 -1.50	23.55 1.14 -0.63
CENTRL 61754	23.58 -0.25 0.00	19.71 -0.14 0.00	22.01 -0.21 0.00	14.35 -0.09 0.00	16.90 -0.07 0.00	26.50 -0.21 0.00	36.25 -0.13 0.00	36.41 -0.20 0.00	35.23 -0.16 0.00	33.93 -0.16 -0.29	32.47 -0.19 -1.05	27.56 -0.13 -2.40	20.92 -0.06 -6.69	22.35 -0.09 -3.80	28.56 -0.17 -1.11	30.25 -0.17 -0.01	22.36 -0.10 -1.36	23.74 -0.07 0.00	17.60 -0.06 -1.00	21.46 -0.11 -0.93	29.13 -0.13 -0.64	28.64 -0.17 -0.43	25.86 -0.17 -0.15	21.67 -0.16 -0.06
DUNWOD 61760	25.02 1.19 0.00	20.62 0.78 0.00	23.00 0.78 0.00	14.90 0.45 0.00	17.51 0.54 0.00	27.82 1.12 0.00	38.35 1.98 0.00	39.02 2.40 0.00	37.81 2.41 0.00	38.45 2.47 -2.17	41.93 2.34 -7.98	45.36 1.83 -18.23	66.19 1.02 -50.88	48.71 1.20 -28.88	37.74 1.70 -8.42	32.42 1.98 -0.04	33.05 1.59 -10.36	25.54 1.73 0.00	25.58 1.30 -7.63	29.43 1.73 -7.07	35.78 2.32 -4.84	33.78 2.13 -3.28	28.74 1.73 -1.13	23.41 1.16 -0.48
GENESE 61753	23.90 0.07 0.00	20.15 0.31 0.00	22.64 0.42 0.00	14.79 0.35 0.00	17.42 0.45 0.00	27.17 0.47 0.00	36.74 0.36 0.00	36.71 0.09 0.00	35.56 0.16 0.00	34.21 0.12 -0.28	32.76 0.13 -1.02	27.79 0.16 -2.33	20.86 0.08 -6.49	22.56 0.24 -3.68	29.12 0.42 -1.07	30.87 0.46 -0.01	22.56 0.14 -1.32	24.08 0.26 0.00	17.65 0.02 -0.97	21.49 -0.05 -0.90	29.25 0.01 -0.62	28.86 0.07 -0.42	26.15 0.12 -0.14	22.04 0.21 -0.06
H Q 61844	23.40 -0.43 0.00	21.12 -0.19 2.74	21.81 -0.42 0.00	14.17 -0.27 0.00	16.66 -0.32 0.00	26.21 -0.49 0.00	29.01 -0.70 5.44	31.99 -1.30 2.68	34.62 -0.77 0.00	29.00 -1.18 4.58	30.73 -0.81 0.08	24.45 -0.67 0.18	32.50 -1.15 1.13	17.96 -0.40 0.28	27.06 -0.49 0.08	29.84 -0.56 0.00	20.41 -0.58 0.10	23.18 -0.64 0.00	16.10 -0.49 0.07	30.00 -1.03 0.17	27.79 -0.78 0.05	25.02 -1.01 7.48	25.20 -0.67 0.01	21.29 -0.48 0.00
HUD VL 61758	24.68 0.85 0.00	20.38 0.54 0.00	22.76 0.54 0.00	14.76 0.32 0.00	17.35 0.38 0.00	27.49 0.78 0.00	37.78 1.41 0.00	38.42 1.80 0.00	37.24 1.85 0.00	37.84 1.87 -2.16	41.36 1.81 -7.95	44.88 1.42 -18.17	65.80 0.81 -50.69	48.16 0.75 -28.77	36.93 0.92 -8.39	31.57 1.13 -0.04	32.62 1.20 -10.32	25.13 1.32 0.00	25.27 1.02 -7.60	29.01 1.33 -7.04	35.22 1.78 -4.82	33.27 1.66 -3.24	28.28 1.28 -1.12	23.05 0.81 -0.47
LONGIL 61762	25.05 1.22 0.00	21.54 0.84 -0.85	23.12 0.85 -0.04	14.94 0.50 0.00	17.88 0.60 -0.31	32.99 1.21 -5.08	39.40 1.94 -1.08	38.83 2.21 0.00	37.87 2.24 -0.23	38.31 2.33 -2.18	41.78 2.18 -7.99	45.23 1.67 -18.26	66.16 0.92 -50.95	48.60 1.05 -28.92	37.58 1.53 -8.43	41.49 1.90 -9.19	37.80 1.53 -15.17	37.57 1.63 -12.12	37.62 1.22 -19.74	38.17 1.63 -15.90	39.27 2.15 -8.50	38.50 1.97 -8.16	34.36 1.64 -6.84	23.59 1.17 -0.65
MHK VL 61756	23.83 0.00 0.00	19.94 0.10 0.00	22.37 0.15 0.00	14.54 0.10 0.00	17.10 0.12 0.00	26.86 0.16 0.00	36.60 0.22 0.00	36.67 0.05 0.00	35.49 0.09 0.00	33.97 0.10 -0.07	31.95 0.08 -0.26	25.97 0.08 -0.59	15.94 0.00 -1.64	19.66 0.09 -0.93	28.13 0.23 -0.27	30.65 0.25 0.00	21.48 0.04 -0.34	23.87 0.05 0.00	16.91 0.01 -0.25	20.91 0.04 -0.23	28.86 0.09 -0.16	28.53 0.05 -0.11	25.97 0.06 -0.04	21.89 0.10 -0.02
MILLWD 61759	24.68 0.85 0.00	20.35 0.51 0.00	22.70 0.48 0.00	14.71 0.26 0.00	17.29 0.31 0.00	27.45 0.74 0.00	37.82 1.44 0.00	38.46 1.84 0.00	37.29 1.89 0.00	37.91 1.96 -2.15	41.35 1.85 -7.89	44.78 1.44 -18.04	65.43 0.81 -50.33	48.12 0.92 -28.56	37.23 1.28 -8.33	31.95 1.51 -0.04	32.61 1.26 -10.25	25.18 1.36 0.00	25.26 1.05 -7.55	29.04 1.42 -6.99	35.30 1.89 -4.79	33.31 1.73 -3.20	28.35 1.35 -1.11	23.10 0.86 -0.47
N.Y.C. 61761	25.37 1.55 0.00	20.89 1.04 0.00	23.30 1.08 0.00	15.08 0.64 0.00	17.74 0.76 0.00	28.23 1.52 0.00	38.98 2.60 0.00	39.66 3.05 0.00	38.38 2.99 0.00	39.05 3.06 -2.17	42.51 2.91 -7.99	45.81 2.25 -18.27	66.51 1.25 -50.96	49.08 1.51 -28.93	38.23 2.17 -8.43	32.96 2.51 -0.04	33.43 1.96 -10.37	25.91 2.10 0.00	25.85 1.55 -7.64	29.79 2.08 -7.08	36.23 2.77 -4.85	34.18 2.52 -3.28	29.15 2.13 -1.14	23.70 1.45 -0.48
NORTH 61755	23.30 -0.53 0.00	19.56 -0.29 0.00	21.90 -0.32 0.00	14.23 -0.21 0.00	16.73 -0.24 0.00	26.30 -0.40 0.00	35.47 -0.91 0.00	35.64 -0.98 0.00	34.48 -0.92 0.00	32.87 -0.91 0.03	30.56 -0.94 0.11	24.28 -0.77 0.25	13.14 -0.47 0.69	17.79 -0.46 0.39	26.96 -0.55 0.11	29.76 -0.65 0.00	20.26 -0.70 0.14	23.05 -0.77 0.00	15.96 -0.59 0.10	19.81 -0.73 0.10	27.62 -0.94 0.06	27.42 -0.92 0.04	25.07 -0.80 0.02	21.21 -0.55 0.01
NPX 61845	24.79 0.96 0.00	22.13 0.82 2.74	23.32 1.10 0.00	15.18 0.73 0.00	17.84 0.86 0.00	28.03 1.33 0.00	31.19 1.48 5.44	35.09 1.80 2.68	36.90 1.50 0.00	37.94 1.50 -2.63	42.86 1.56 -9.68	48.71 1.28 -22.13	76.70 0.65 -61.75	54.49 0.80 -35.05	39.01 1.17 -10.21	31.68 1.22 -0.05	34.53 0.86 -12.57	24.75 0.93 0.00	26.57 0.66 -9.26	30.08 0.87 -8.57	35.74 1.25 -5.87	33.59 1.26 -3.96	28.45 1.19 -1.37	23.38 1.02 -0.58

OH 61846	22.88	18.57	21.02	13.71	16.05	25.22	26.20	30.77	33.72	32.39	31.11	26.80	22.01	22.45	27.62	28.91	21.81	22.81	17.12	20.60	27.60	27.21	24.50	20.55
	-0.95	-2.74	-1.20	-0.73	-0.92	-1.48	-3.51	-2.52	-1.68	-1.77	-1.82	-1.50	-0.65	-0.91	-1.39	-1.50	-0.98	-1.00	-0.78	-1.19	-1.81	-1.70	-1.57	-1.30
	0.00	2.74	0.00	0.00	0.00	0.00	5.44	2.68	0.00	-0.36	-1.31	-3.00	-8.37	-4.72	-1.38	-0.01	-1.69	0.00	-1.25	-1.15	-0.79	-0.53	-0.18	-0.08
PJM 61847	22.58	18.95	20.85	13.53	15.88	25.10	28.06	32.43	33.62	32.51	31.57	27.79	24.68	24.23	28.49	29.44	22.80	23.20	17.93	21.67	28.85	28.08	25.13	20.99
	-1.25	-2.36	-1.37	-0.92	-1.10	-1.61	-1.65	-0.86	-1.77	-1.77	-1.79	-1.51	-0.78	-0.75	-0.98	-0.97	-0.58	-0.62	-0.40	-0.52	-0.84	-1.01	-1.00	-0.89
	0.00	2.74	0.00	0.00	0.00	0.00	5.44	2.68	0.00	-0.48	-1.75	-4.00	-11.16	-6.34	-1.85	-0.01	-2.27	0.00	-1.68	-1.55	-1.06	-0.72	-0.25	-0.10
WEST 61752	22.84	18.80	21.00	13.71	16.05	25.20	34.56	34.85	33.77	32.44	31.11	26.72	21.87	22.42	27.63	28.95	21.82	22.85	17.14	20.62	27.64	27.22	24.46	20.52
	-0.99	-1.04	-1.22	-0.74	-0.93	-1.50	-1.82	-1.77	-1.62	-1.72	-1.79	-1.52	-0.64	-0.87	-1.35	-1.47	-0.95	-0.96	-0.74	-1.15	-1.76	-1.68	-1.60	-1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-1.29	-2.95	-8.22	-4.65	-1.35	-0.01	-1.66	0.00	-1.23	-1.14	-0.78	-0.52	-0.18	-0.08