

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/09/2002

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	19.44 1.05 0.00	24.09 1.62 0.00	17.19 1.12 0.00	15.88 1.07 0.00	26.79 1.81 0.00	39.89 2.17 0.00	43.17 1.85 -2.40	39.85 1.65 0.00	37.79 1.64 0.00	36.06 1.59 0.00	36.89 1.72 0.00	37.31 1.82 0.00	39.78 2.06 0.00	38.91 1.92 -2.30	56.17 1.43 -29.18	50.00 1.12 -26.51	61.02 2.60 -5.75	41.60 1.89 0.00	39.53 1.63 -1.40	41.40 1.61 -4.72	36.82 1.45 -3.09	44.46 1.69 -7.19	27.51 1.29 -0.14	27.78 1.29 0.00
CENTRL 61754	18.20 -0.18 0.00	22.22 -0.25 0.00	15.94 -0.13 0.00	14.72 -0.09 0.00	24.74 -0.24 0.00	37.37 -0.35 0.00	38.78 -0.38 -0.23	37.89 -0.31 0.00	35.88 -0.27 0.00	34.23 -0.25 0.00	34.90 -0.26 0.00	35.22 -0.28 0.00	37.39 -0.32 0.00	34.62 -0.29 -0.23	28.22 -0.24 -2.90	24.81 -0.19 -2.64	52.77 -0.46 -0.57	39.41 -0.30 0.00	36.37 -0.27 -0.14	35.31 -0.23 -0.47	32.46 -0.12 -0.31	36.04 -0.26 -0.72	25.87 -0.22 -0.01	26.23 -0.26 0.00
DUNWOD 61760	19.22 0.83 0.00	23.25 0.78 0.00	16.60 0.53 0.00	15.29 0.48 0.00	25.78 0.81 0.00	39.33 1.60 0.00	43.28 2.55 -1.81	40.74 2.55 0.00	38.71 2.56 0.00	37.03 2.56 0.00	37.76 2.59 0.00	38.13 2.64 0.00	40.52 2.80 0.00	38.88 2.46 -1.73	49.43 1.85 -22.03	44.00 1.62 -20.01	60.97 3.96 -4.34	42.63 2.92 0.00	40.39 2.83 -1.06	41.46 2.83 -3.56	37.06 2.45 -2.33	43.67 2.65 -5.43	28.01 1.83 -0.11	28.09 1.60 0.00
GENESE 61753	18.56 0.17 0.00	22.86 0.39 0.00	16.37 0.30 0.00	15.11 0.30 0.00	25.48 0.51 0.00	38.20 0.48 0.00	39.03 -0.13 -0.23	38.31 0.11 0.00	36.35 0.20 0.00	34.75 0.28 0.00	35.57 0.40 0.00	35.89 0.40 0.00	38.09 0.37 0.00	35.34 0.43 -0.22	28.64 0.27 -2.81	25.13 0.21 -2.55	53.42 0.20 -0.55	39.98 0.27 0.00	36.72 0.08 -0.14	35.51 -0.01 -0.46	32.75 0.17 -0.30	36.32 0.05 -0.69	26.12 0.03 -0.01	26.49 0.00 0.00
H Q 61844	18.06 -0.32 0.00	22.12 -0.35 0.00	15.80 -0.27 0.00	14.54 -0.27 0.00	24.55 -0.42 0.00	37.11 -0.61 0.00	38.12 -0.79 0.02	37.47 -0.72 0.00	35.45 -0.70 0.00	33.77 -0.70 0.00	34.48 -0.69 0.00	34.78 -0.71 0.00	36.90 -0.81 0.00	33.94 -0.73 0.02	24.78 -0.56 0.21	21.67 -0.51 0.19	51.37 -1.26 0.04	38.83 -0.88 0.00	35.64 -0.85 0.01	34.14 -0.89 0.03	31.45 -0.80 0.02	34.66 -0.87 0.05	31.00 -0.91 11.24	6.07 -0.70 31.90
HUD VL 61758	18.98 0.60 0.00	23.01 0.54 0.00	16.43 0.36 0.00	15.14 0.33 0.00	25.52 0.55 0.00	38.83 1.11 0.00	42.60 1.87 -1.80	40.05 1.85 0.00	38.00 1.85 0.00	36.34 1.87 0.00	37.06 1.89 0.00	37.47 1.98 0.00	39.83 2.11 0.00	38.28 1.87 -1.73	48.87 1.39 -21.92	43.48 1.20 -19.92	59.88 2.90 -4.32	41.82 2.11 0.00	39.63 2.07 -1.06	40.71 2.10 -3.55	36.46 1.86 -2.32	42.99 2.00 -5.41	27.49 1.32 -0.10	27.60 1.11 0.00
LONGIL 61762	19.22 0.83 0.00	27.63 0.86 -4.29	21.60 0.58 -4.95	22.43 0.53 -7.09	27.62 0.89 -1.75	42.66 1.68 -3.26	44.76 2.45 -3.38	40.58 2.38 0.00	38.57 2.42 0.00	36.94 2.47 0.00	37.83 2.56 -0.09	37.96 2.47 0.00	40.30 2.58 0.00	38.69 2.26 -1.74	49.31 1.69 -22.06	43.87 1.47 -20.04	60.61 3.60 -4.35	42.42 2.71 0.00	40.41 2.67 -1.24	41.43 2.73 -3.63	41.94 2.36 -7.31	44.13 2.55 -6.00	31.70 1.80 -3.82	28.07 1.58 0.00
MHK VL 61756	18.42 0.03 0.00	22.66 0.19 0.00	16.23 0.16 0.00	14.95 0.14 0.00	25.20 0.23 0.00	37.93 0.20 0.00	39.02 0.04 -0.06	38.32 0.12 0.00	36.28 0.14 0.00	34.61 0.13 0.00	35.31 0.14 0.00	35.64 0.15 0.00	37.88 0.16 0.00	34.88 0.13 -0.06	26.37 0.10 -0.71	23.09 0.08 -0.65	53.03 0.23 -0.14	39.94 0.23 0.00	36.72 0.19 -0.03	35.39 0.20 -0.12	32.53 0.18 -0.08	35.92 0.16 -0.17	26.17 0.09 0.00	26.55 0.06 0.00
MILLWD 61759	18.96 0.58 0.00	22.95 0.48 0.00	16.39 0.32 0.00	15.10 0.29 0.00	25.46 0.48 0.00	38.81 1.09 0.00	42.68 1.97 -1.79	40.15 1.95 0.00	38.12 1.97 0.00	36.46 1.99 0.00	37.17 2.01 0.00	37.55 2.06 0.00	39.91 2.19 0.00	38.31 1.90 -1.72	48.78 1.43 -21.79	43.42 1.25 -19.80	60.05 3.09 -4.30	41.98 2.27 0.00	39.78 2.23 -1.05	40.84 2.25 -3.52	36.52 1.93 -2.31	43.05 2.09 -5.37	27.59 1.41 -0.10	27.68 1.19 0.00
N.Y.C. 61761	19.49 1.10 0.00	23.55 1.07 0.00	16.81 0.73 0.00	15.48 0.67 0.00	26.10 1.12 0.00	39.88 2.16 0.00	44.02 3.29 -1.81	41.50 3.30 0.00	39.45 3.30 0.00	37.73 3.26 0.00	38.47 3.30 0.00	38.84 3.35 0.00	41.25 3.53 0.00	39.52 3.09 -1.74	49.96 2.34 -22.06	44.48 2.07 -20.05	62.05 5.04 -4.35	43.42 3.71 0.00	41.11 3.54 -1.06	42.15 3.51 -3.57	37.65 3.03 -2.34	44.32 3.29 -5.44	28.51 2.33 -0.11	28.56 2.07 0.00
NORTH 61755	18.01 -0.38 0.00	22.25 -0.22 0.00	15.91 -0.16 0.00	14.63 -0.18 0.00	24.71 -0.26 0.00	37.06 -0.66 0.00	37.93 -0.97 0.03	37.36 -0.83 0.00	35.37 -0.78 0.00	33.72 -0.76 0.00	34.43 -0.74 0.00	34.71 -0.78 0.00	36.83 -0.88 0.00	33.88 -0.79 0.02	24.65 -0.61 0.30	21.54 -0.56 0.27	51.24 -1.36 0.06	38.77 -0.94 0.00	35.53 -0.95 0.02	34.02 -1.00 0.05	31.34 -0.91 0.03	34.50 -1.01 0.07	25.37 -0.70 0.00	25.90 -0.59 0.00
NPX 61845	18.95 0.56 0.00	23.32 0.85 0.00	16.66 0.58 0.00	15.34 0.53 0.00	25.87 0.90 0.00	38.77 1.05 0.00	42.20 1.08 -2.19	39.16 0.97 0.00	37.14 0.99 0.00	35.47 0.99 0.00	36.25 1.08 0.00	36.61 1.12 0.00	39.01 1.30 0.00	38.53 1.74 -2.10	53.63 1.36 -26.71	47.76 1.12 -24.27	60.59 2.66 -5.27	41.62 1.91 0.00	39.51 1.72 -1.29	41.09 1.71 -4.32	36.54 1.43 -2.83	43.84 1.67 -6.59	33.85 1.94 11.24	8.39 1.62 31.90

OH 61846	17.44	21.04	15.07	13.91	23.46	35.88	37.32	36.20	34.17	32.64	33.28	33.52	35.54	33.11	27.75	24.48	50.17	37.54	34.66	33.57	31.03	34.49	27.25	3.17
	-0.94	-1.43	-1.00	-0.90	-1.51	-1.85	-1.90	-2.00	-1.98	-1.84	-1.89	-1.97	-2.18	-1.87	-1.43	-1.18	-3.21	-2.17	-2.02	-2.08	-1.63	-1.99	-4.66	-3.60
	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-3.63	-3.30	-0.71	0.00	-0.17	-0.59	-0.38	-0.90	11.24	31.90
PJM 61847	17.56	21.30	15.29	14.12	23.82	36.27	38.16	37.00	34.86	33.28	33.88	33.61	35.46	33.00	28.85	25.44	50.57	37.53	34.80	33.95	31.16	34.85	28.93	4.87
	-0.82	-1.17	-0.78	-0.69	-1.16	-1.45	-1.16	-1.20	-1.28	-1.19	-1.29	-1.89	-2.25	-2.07	-1.54	-1.32	-3.04	-2.18	-1.93	-1.90	-1.63	-1.92	-2.98	-1.90
	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	0.00	0.00	0.00	0.00	0.00	0.00	-0.38	-4.83	-4.39	-0.95	0.00	-0.23	-0.78	-0.51	-1.19	11.24	31.90
WEST 61752	17.42	20.99	15.05	13.88	23.42	35.82	37.25	36.19	34.16	32.62	33.24	33.47	35.46	33.05	27.63	24.38	50.07	37.49	34.60	33.49	31.03	34.45	24.65	24.98
	-0.96	-1.48	-1.03	-0.93	-1.55	-1.90	-1.97	-2.01	-1.99	-1.86	-1.93	-2.02	-2.26	-1.92	-1.48	-1.23	-3.29	-2.22	-2.07	-2.15	-1.63	-2.01	-1.45	-1.51
	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-3.56	-3.23	-0.70	0.00	-0.17	-0.58	-0.38	-0.88	-0.02	0.00