

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/17/2002

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	38.90 2.42 0.00	29.88 1.66 0.00	27.78 1.48 0.00	26.11 1.41 0.00	17.64 0.85 0.00	31.89 1.64 0.00	28.97 0.74 0.00	32.68 0.57 0.00	38.91 0.65 0.00	52.09 0.95 0.10	52.54 0.87 -1.09	43.13 0.97 -2.97	21.17 0.60 -2.05	27.95 0.86 -4.19	38.26 1.19 -5.38	37.68 1.03 -8.34	36.45 1.08 -3.37	54.76 1.22 -0.09	30.34 0.46 -0.22	37.45 0.96 -0.04	55.95 1.34 -0.18	54.24 1.09 -0.02	37.42 0.91 -0.20	33.38 1.50 0.00
CENTRL 61754	35.44 -1.04 0.00	27.39 -0.83 0.00	25.55 -0.74 0.00	24.02 -0.68 0.00	16.42 -0.37 0.00	29.53 -0.73 0.00	27.67 -0.56 0.00	31.41 -0.70 0.00	37.48 -0.78 0.00	50.35 -1.03 -0.14	50.00 -0.95 -0.37	38.96 -0.61 -0.38	18.98 -0.20 -0.66	23.93 -0.29 -1.33	33.42 -0.46 -2.20	29.76 -0.42 -1.87	32.57 -0.44 -1.01	53.04 -0.49 -0.09	29.41 -0.34 -0.09	35.93 -0.54 -0.02	53.78 -0.72 -0.07	52.39 -0.75 -0.01	35.70 -0.64 -0.04	31.08 -0.80 0.00
DUNWOD 61760	38.75 2.27 0.00	30.02 1.80 0.00	27.91 1.62 0.00	26.13 1.42 0.00	17.83 1.04 0.00	32.14 1.89 0.00	30.61 2.38 0.00	35.53 3.41 0.00	42.68 4.42 0.00	60.14 6.22 -2.68	114.66 6.24 -57.84	58.92 4.53 -15.20	88.69 1.97 -68.20	164.49 2.37 -139.23	223.21 3.19 -188.34	300.42 2.99 -269.12	149.39 3.35 -114.05	68.29 5.01 -9.83	40.11 2.89 -7.57	41.51 3.63 -1.43	65.85 5.30 -6.13	58.84 4.88 -0.83	49.43 3.49 -9.63	35.36 2.69 -0.80
GENESE 61753	36.26 -0.22 0.00	27.94 -0.28 0.00	26.05 -0.25 0.00	24.53 -0.17 0.00	16.61 -0.18 0.00	30.09 -0.16 0.00	27.60 -0.62 0.00	30.90 -1.21 0.00	36.82 -1.44 0.00	49.54 -1.84 -0.14	49.27 -1.66 -0.35	38.68 -0.85 -0.34	18.73 -0.26 -0.47	23.55 -0.27 -0.93	33.43 -0.36 -2.10	28.32 -0.36 -0.37	33.17 -0.53 -1.70	55.61 -0.25 -2.43	29.42 -0.33 -0.09	35.78 -0.68 -0.02	53.51 -0.99 -0.07	52.07 -1.07 -0.01	35.28 -1.03 0.00	31.25 -0.63 0.00
H Q 61844	35.86 -0.62 0.00	27.74 -0.48 0.00	25.84 -0.46 0.00	24.30 -0.40 0.00	16.48 -0.31 0.00	22.25 -0.29 14.07	32.00 -1.04 0.50	28.75 -1.44 4.05	31.00 -1.59 6.17	36.99 -1.55 1.09	40.00 -1.88 7.64	40.00 -1.80 8.15	-903.69 -2.23 978.46	-901.25 -1.25 944.69	-880.00 -1.37 927.41	-880.00 -0.84 909.20	-800.00 -0.69 823.88	-800.00 -0.85 829.39	-800.00 -0.77 823.24	-800.00 -0.47 814.62	-750.00 -0.72 773.24	-800.00 -0.89 829.81	-750.00 -1.00 787.55	30.50 -0.69 4.89
HUD VL 61758	38.06 1.58 0.00	29.45 1.23 0.00	27.38 1.08 0.00	25.65 0.95 0.00	17.51 0.72 0.00	31.49 1.23 0.00	29.88 1.65 0.00	34.54 2.43 0.00	41.34 3.08 0.00	57.80 4.28 -2.28	77.90 4.44 -22.89	54.63 3.27 -12.17	72.60 1.41 -52.66	132.02 1.64 -107.48	181.00 2.23 -147.09	236.92 2.03 -206.59	122.09 2.25 -87.83	64.46 3.52 -7.50	37.68 2.15 -5.87	40.29 2.72 -1.11	63.12 3.94 -4.75	57.41 3.64 -0.64	43.80 2.61 -4.89	33.88 2.00 0.00
LONGIL 61762	38.64 2.17 0.00	30.05 1.83 0.00	27.96 1.66 0.00	26.15 1.45 0.00	17.85 1.06 0.00	32.17 1.91 0.00	33.66 2.42 -3.01	37.24 3.32 -1.80	42.42 4.16 0.00	59.72 5.80 -2.68	114.17 5.74 -57.86	58.43 4.03 -15.20	88.44 1.69 -68.23	164.15 1.98 -139.28	222.77 2.67 -188.41	299.87 2.43 -269.14	148.70 2.63 -114.07	67.20 3.92 -9.84	39.53 2.30 -7.58	40.79 2.91 -1.43	64.68 4.12 -6.13	57.67 3.71 -0.83	48.60 2.66 -9.63	34.92 2.24 -0.80
MHK VL 61756	36.85 0.37 0.00	28.43 0.21 0.00	26.47 0.18 0.00	24.88 0.17 0.00	16.88 0.08 0.00	30.47 0.22 0.00	28.27 0.04 0.00	31.99 -0.13 0.00	38.03 -0.22 0.02	51.09 -0.21 -0.05	50.61 -0.16 -0.19	39.31 -0.01 -0.13	18.93 0.04 -0.36	23.71 0.08 -0.73	33.00 0.09 -1.23	29.34 0.05 -0.99	32.55 0.05 -0.50	53.56 0.14 0.03	29.70 -0.01 -0.05	36.49 0.03 -0.01	54.46 -0.01 -0.04	53.03 -0.11 -0.01	36.45 0.13 -0.02	32.09 0.21 0.00
MILLWD 61759	38.18 1.70 0.00	29.58 1.36 0.00	27.51 1.21 0.00	25.76 1.06 0.00	17.58 0.79 0.00	31.69 1.43 0.00	30.17 1.94 0.00	34.99 2.88 0.00	42.00 3.74 0.00	59.16 5.29 -2.62	112.85 5.34 -56.94	57.71 3.84 -14.68	85.83 1.68 -65.64	158.81 1.97 -133.95	216.82 2.63 -182.50	287.39 2.41 -256.68	144.03 2.67 -109.36	66.95 4.12 -9.39	39.42 2.43 -7.34	40.91 3.08 -1.38	64.83 4.47 -5.93	58.03 4.10 -0.80	48.47 2.84 -9.33	34.83 2.16 -0.80
N.Y.C. 61761	39.58 3.10 0.00	30.70 2.47 0.00	28.52 2.22 0.00	26.67 1.96 0.00	18.20 1.41 0.00	32.85 2.60 0.00	31.26 3.04 0.00	36.39 4.27 0.00	43.80 5.54 0.00	61.70 7.77 -2.68	116.87 7.58 -58.72	59.72 5.32 -15.20	89.10 2.35 -68.23	164.91 2.74 -139.28	223.85 3.71 -188.45	300.88 3.44 -269.14	149.90 3.83 -114.08	69.07 5.79 -9.84	40.50 3.28 -7.58	41.98 4.10 -1.43	66.55 5.99 -6.13	59.63 5.67 -0.83	49.99 4.05 -9.63	36.01 3.34 -0.80
NORTH 61755	36.00 -0.48 0.00	27.83 -0.39 0.00	25.92 -0.38 0.00	24.38 -0.32 0.00	16.52 -0.27 0.00	29.88 -0.37 0.00	27.32 -0.91 0.00	31.06 -1.06 0.00	36.92 -1.25 0.09	49.63 -1.61 0.00	49.16 -1.47 -0.05	38.08 -1.10 0.01	18.12 -0.48 -0.08	22.51 -0.54 -0.15	31.32 -0.69 -0.33	27.71 -0.65 -0.06	31.20 -0.88 -0.09	52.07 -1.38 -0.01	28.80 -0.87 -0.01	35.34 -1.11 0.00	52.80 -1.64 -0.01	51.50 -1.63 0.00	35.22 -1.08 0.00	31.08 -0.80 0.00
NPX 61845	38.03 1.55 0.00	29.29 1.07 0.00	27.23 0.93 0.00	25.58 0.87 0.00	17.34 0.55 0.00	23.78 1.24 14.07	34.68 1.64 0.50	32.77 0.66 0.00	38.00 1.94 2.70	52.96 1.02 -0.70	56.12 3.07 -3.53	93.84 2.85 -41.04	125.00 4.16 -43.84	149.00 2.01 -102.30	899.00 2.05 -848.17	877.00 1.11 -845.85	44.00 1.23 -18.20	349.00 1.48 -317.28	299.00 1.13 -273.86	300.00 0.60 -284.31	999.00 1.05 -973.99	54.15 0.71 -0.31	39.34 0.68 -2.36	49.81 1.80 -11.93

OH 61846	33.54	26.18	24.47	22.97	15.67	18.59	30.19	30.23	32.38	47.70	36.43	36.61	90.22	95.40	104.64	38.00	498.16	35.00	35.00	19.38	51.20	50.02	34.24	27.15
	-2.94	-2.04	-1.83	-1.73	-1.12	-3.95	-2.85	-1.89	-3.68	-3.72	-5.45	-5.19	-8.32	-4.60	-4.68	-1.98	-1.55	-2.18	-0.96	0.42	-3.32	-3.12	-2.16	-4.04
	0.00	0.00	0.00	0.00	0.00	14.07	0.50	0.00	2.70	-0.18	7.64	8.15	-21.54	-55.31	-60.54	-9.94	-475.14	-6.94	-11.95	-3.87	-0.09	-0.01	-0.09	4.89
PJM 61847	34.91	27.16	25.32	23.73	16.22	20.27	32.24	31.81	36.37	50.83	42.28	42.50	99.00	100.00	110.00	121.74	500.00	99.94	36.99	19.99	53.96	52.67	36.07	29.17
	-1.57	-1.06	-0.97	-0.98	-0.57	-2.27	-0.80	-0.30	0.31	-0.65	0.40	0.70	0.46	0.00	0.68	0.90	0.29	1.00	1.03	1.03	-0.59	-0.48	-0.36	-2.02
	0.00	0.00	0.00	0.00	0.00	14.07	0.50	0.00	2.70	-0.24	7.64	8.15	-21.54	-55.31	-60.54	-90.80	-475.14	-68.70	-11.95	-3.87	-0.12	-0.02	-0.12	4.89
WEST 61752	33.29	25.98	24.31	22.84	15.60	27.97	26.59	30.03	35.49	47.27	46.98	36.34	17.43	21.99	31.54	26.40	23.69	36.41	28.57	34.06	50.77	49.60	33.94	29.47
	-3.19	-2.24	-1.99	-1.86	-1.19	-2.28	-1.64	-2.08	-2.77	-4.15	-4.04	-3.28	-1.69	-2.09	-2.82	-2.44	-2.55	-2.44	-1.20	-2.41	-3.75	-3.54	-2.36	-2.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.45	-0.43	-0.60	-1.19	-2.67	-0.53	5.76	14.59	-0.11	-0.02	-0.09	-0.01	0.00	0.00