

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/05/2002

Name PTID	00:00 EDT	01:00 EDT	02:00 EDT	03:00 EDT	04:00 EDT	05:00 EDT	06:00 EDT	07:00 EDT	08:00 EDT	09:00 EDT	10:00 EDT	11:00 EDT	12:00 EDT	13:00 EDT	14:00 EDT	15:00 EDT	16:00 EDT	17:00 EDT	18:00 EDT	19:00 EDT	20:00 EDT	21:00 EDT	22:00 EDT	23:00 EDT
CAPITL 61757	29.24 1.22 0.00	32.22 1.51 0.00	38.84 2.23 0.00	25.06 1.37 0.00	33.45 1.98 0.00	34.19 1.87 0.00	22.92 0.98 0.00	21.41 0.69 0.00	33.76 1.20 0.00	43.54 1.48 0.00	45.26 1.58 0.00	43.78 1.27 0.00	43.17 0.61 0.00	58.80 1.18 -12.35	44.30 0.85 0.00	46.01 0.99 0.00	53.76 1.10 -7.87	49.73 1.25 -2.52	42.42 0.95 -0.45	35.40 0.34 0.00	41.85 0.54 -6.81	36.64 0.88 -6.57	29.10 0.78 -2.14	25.61 0.95 0.00
CENTRL 61754	27.22 -0.80 0.00	29.82 -0.89 0.00	35.56 -1.05 0.00	23.02 -0.67 0.00	30.57 -0.90 0.00	31.44 -0.88 0.00	21.44 -0.49 0.00	20.27 -0.46 0.00	31.90 -0.66 0.00	41.25 -0.82 0.00	42.88 -0.80 0.00	41.77 -0.74 0.00	41.92 -0.65 0.00	45.59 -0.89 -1.21	42.66 -0.78 0.00	44.17 -0.85 0.00	44.60 -0.96 -0.77	45.17 -1.03 -0.25	40.19 -0.88 -0.04	34.40 -0.66 0.00	34.48 -0.69 -0.67	29.20 -0.63 -0.64	25.77 -0.62 -0.21	24.07 -0.59 0.00
DUNWOD 61760	30.49 2.46 0.00	33.23 2.52 0.00	39.16 2.55 0.00	25.35 1.66 0.00	33.59 2.12 0.00	40.62 2.10 -6.20	53.56 1.47 -30.15	64.52 1.77 -42.02	76.62 2.75 -41.30	51.97 3.88 -6.02	48.17 4.48 0.00	47.07 4.56 0.00	47.49 4.92 0.00	60.19 5.40 -9.52	48.46 5.01 0.00	50.25 5.23 0.00	56.31 5.46 -6.07	53.41 5.51 -1.94	46.11 4.74 -0.35	39.27 4.21 0.00	43.91 4.16 -5.25	37.58 3.32 -5.07	30.69 2.86 -1.65	27.05 2.38 0.00
GENESE 61753	26.81 -1.21 0.00	29.44 -1.27 0.00	35.45 -1.16 0.00	22.96 -0.73 0.00	30.63 -0.84 0.00	31.47 -0.85 0.00	21.36 -0.58 0.00	20.07 -0.65 0.00	31.58 -0.98 0.00	40.73 -1.34 0.00	42.20 -1.49 0.00	41.12 -1.39 0.00	41.17 -1.39 0.00	44.92 -1.55 -1.21	42.15 -1.30 0.00	43.70 -1.32 0.00	44.10 -1.46 -0.77	44.69 -1.51 -0.25	39.78 -1.29 -0.04	33.76 -1.30 0.00	33.72 -1.45 -0.66	28.61 -1.23 -0.64	25.20 -1.19 -0.21	23.71 -0.95 0.00
H Q 61844	31.00 -1.14 10.06	30.06 -0.64 0.00	35.86 -0.75 0.00	23.21 -0.48 0.00	30.85 -0.62 0.00	31.00 -0.38 0.19	33.99 -0.69 8.15	33.32 -1.19 5.03	37.96 -1.05 -2.96	47.40 -1.15 -7.65	50.64 -1.41 -5.14	79.62 -1.42 -32.08	65.31 -1.55 -16.99	60.87 -1.28 -12.99	102.06 -1.43 -54.18	82.56 -1.32 -35.06	81.68 -1.34 -31.66	45.25 -0.69 0.01	43.96 -1.13 3.85	39.98 -1.16 0.26	35.00 -1.19 4.92	28.45 -0.70 0.05	28.99 -0.81 3.79	24.04 -0.62 0.00
HUD VL 61758	29.72 1.70 0.00	32.37 1.66 0.00	38.24 1.62 0.00	24.75 1.06 0.00	32.78 1.32 0.00	33.66 1.34 0.00	22.93 1.00 0.00	21.96 1.23 0.00	34.51 1.95 0.00	44.80 2.73 0.00	46.79 3.11 0.00	45.78 3.27 0.00	46.19 3.63 0.00	58.61 3.92 -9.42	47.06 3.62 0.00	48.80 3.78 0.00	54.71 3.92 -6.00	51.81 3.94 -1.92	44.79 3.43 -0.34	38.19 3.13 0.00	42.77 3.06 -5.21	36.58 2.37 -5.02	29.88 2.07 -1.64	26.37 1.70 0.00
LONGIL 61762	84.25 2.67 -53.56	69.71 2.79 -36.22	64.56 2.65 -25.29	63.16 1.71 -37.76	57.21 2.20 -23.54	42.39 2.14 -7.93	53.57 1.47 -30.15	72.75 1.62 -50.40	82.79 2.47 -47.75	83.48 3.49 -37.92	82.90 4.14 -35.08	83.18 4.10 -36.57	83.41 4.55 -36.30	83.49 5.04 -33.18	83.72 4.63 -35.64	83.35 4.84 -33.49	84.25 5.04 -34.42	84.73 5.05 -33.72	84.89 4.20 -39.67	85.30 3.74 -46.50	84.46 3.85 -46.11	83.15 2.98 -50.98	84.92 2.51 -56.23	84.38 2.12 -57.59
MHK VL 61756	28.32 0.29 0.00	31.00 0.30 0.00	37.09 0.47 0.00	23.99 0.30 0.00	31.92 0.45 0.00	32.76 0.44 0.00	22.29 0.35 0.00	20.93 0.21 0.00	32.93 0.37 0.00	42.49 0.43 0.00	44.17 0.49 0.00	43.02 0.51 0.00	43.08 0.52 0.00	46.40 0.77 -0.37	44.10 0.66 0.00	45.72 0.69 0.00	45.74 0.72 -0.23	46.88 0.85 -0.08	41.71 0.68 -0.01	35.54 0.48 0.00	35.16 0.46 -0.20	29.87 0.48 -0.20	26.60 0.36 -0.06	25.01 0.35 0.00
MILLWD 61759	30.01 1.99 0.00	32.70 2.00 0.00	38.56 1.95 0.00	24.97 1.28 0.00	33.09 1.62 0.00	40.12 1.60 -6.20	53.32 1.23 -30.15	64.07 1.33 -42.02	75.99 2.13 -41.30	51.29 3.20 -6.02	47.41 3.72 0.00	46.34 3.83 0.00	46.75 4.19 0.00	59.27 4.58 -9.42	47.68 4.23 0.00	49.44 4.42 0.00	55.43 4.64 -6.00	52.56 4.68 -1.92	45.39 4.02 -0.34	38.67 3.61 0.00	43.25 3.55 -5.20	37.01 2.81 -5.01	30.23 2.42 -1.64	26.65 1.98 0.00
N.Y.C. 61761	80.11 2.87 -49.22	90.02 3.02 -56.30	73.02 3.08 -33.33	61.42 2.05 -35.69	62.94 2.66 -28.81	65.43 2.66 -30.45	66.35 1.88 -42.54	83.55 1.94 -60.89	90.06 2.99 -54.51	101.92 4.36 -55.49	111.16 4.99 -62.48	113.31 5.03 -65.77	112.26 5.41 -64.29	155.37 5.94 -104.17	132.26 5.48 -83.33	113.88 5.68 -63.18	122.85 5.97 -72.10	116.42 5.99 -64.48	106.02 5.12 -59.88	104.21 4.54 -64.61	90.73 4.50 -51.72	88.85 3.63 -56.03	85.13 3.16 -55.79	72.25 2.70 -44.88
NORTH 61755	27.53 -0.49 0.00	29.92 -0.78 0.00	35.73 -0.88 0.00	23.13 -0.56 0.00	30.76 -0.70 0.00	31.57 -0.75 0.00	21.47 -0.47 0.00	20.21 -0.51 0.00	31.72 -0.84 0.00	40.79 -1.27 0.00	42.31 -1.38 0.00	41.20 -1.31 0.00	41.29 -1.27 0.00	44.07 -1.11 0.08	42.45 -0.99 0.00	44.04 -0.98 0.00	43.77 -0.97 0.05	45.07 -0.86 0.02	40.12 -0.89 0.00	34.04 -1.02 0.00	33.37 -1.06 0.07	28.28 -0.84 0.07	25.32 -0.83 0.03	23.89 -0.77 0.00
NPX 61845	29.30 1.27 0.00	32.16 1.45 0.00	38.52 1.90 0.00	24.88 1.19 0.00	33.14 1.67 0.00	32.99 1.61 0.19	36.69 2.01 8.15	39.19 2.41 2.76	41.10 2.09 -2.96	50.92 2.37 -7.65	60.47 3.42 -10.14	90.01 3.97 -37.08	86.90 4.19 -32.84	65.94 3.79 -12.99	150.33 4.04 -96.98	99.09 4.00 -46.27	96.64 4.16 -41.12	49.37 1.10 -2.32	48.61 3.52 3.85	35.57 0.51 0.00	42.01 1.23 -6.27	36.47 1.23 -6.05	32.25 2.45 3.79	25.78 1.11 0.00

OH 61846	23.99	26.07	30.97	20.17	26.69	28.44	32.07	35.00	38.00	47.16	55.22	82.81	67.79	59.40	110.68	89.51	88.22	39.73	42.20	31.13	31.17	25.85	26.24	21.09
	-4.03	-4.63	-5.64	-3.52	-4.77	-2.94	-2.61	-1.78	-1.01	-1.39	-1.83	-3.23	-2.94	-2.75	-2.81	-3.12	-4.26	-6.54	-2.89	-3.93	-4.19	-4.16	-3.56	-3.58
	0.00	0.00	0.00	0.00	0.00	0.19	8.15	2.76	-2.96	-7.65	-10.14	-37.08	-20.86	-12.99	-64.18	-43.81	-41.12	-0.32	3.85	0.00	-0.85	-0.82	3.79	0.00
PJM 61847	26.77	29.05	34.36	22.31	29.53	29.17	34.08	38.20	40.78	50.76	60.01	88.44	75.00	64.90	119.00	95.51	95.00	44.98	47.44	34.52	34.96	29.37	28.86	23.56
	-1.26	-1.65	-2.25	-1.38	-1.93	-2.21	-0.60	1.42	1.77	2.21	2.96	2.40	3.14	2.75	2.42	2.64	2.52	-1.39	2.35	-0.54	-0.66	-0.91	-0.94	-1.10
	0.00	0.00	0.00	0.00	0.00	0.19	8.15	2.76	-2.96	-7.65	-10.14	-37.08	-21.99	-12.99	-67.27	-44.05	-41.12	-0.41	3.85	0.00	-1.12	-1.08	3.79	0.00
WEST 61752	26.74	29.00	34.42	22.44	29.66	30.60	21.06	20.14	31.32	40.11	41.32	40.51	41.38	44.60	41.96	43.40	43.89	44.19	39.78	34.72	34.58	28.61	25.17	23.35
	-1.29	-1.70	-2.19	-1.25	-1.80	-1.72	-0.88	-0.58	-1.24	-1.96	-2.37	-2.00	-1.19	-2.17	-1.49	-1.62	-1.85	-2.07	-1.30	-0.35	-0.75	-1.38	-1.26	-1.31
	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	-1.50	0.00	0.00	-0.96	-0.31	-0.05	0.00	-0.83	-0.80	-0.26	0.00