

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/02/2002

	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	36.49 1.49 0.00	30.86 1.56 0.00	14.77 0.73 0.00	14.66 0.71 0.00	25.71 1.29 0.00	25.37 1.24 0.00	35.46 1.55 0.00	37.92 1.52 0.00	43.04 1.92 0.00	49.72 1.52 0.00	83.88 1.92 0.00	79.44 0.33 0.00	87.81 1.15 0.00	101.80 0.46 0.29	95.62 2.03 1.57	485.55 2.35 1.35	235.18 2.35 1.70	123.88 0.55 0.62	79.60 0.22 0.00	47.88 0.32 -0.07	43.74 1.05 0.00	41.26 0.97 0.00	37.84 0.34 0.00	36.41 0.41 0.00
CENTRL 61754	34.04 -0.96 0.00	28.54 -0.76 0.00	13.77 -0.27 0.00	13.72 -0.24 0.00	23.84 -0.57 0.00	23.46 -0.67 0.00	33.00 -0.92 0.00	35.46 -0.95 0.00	40.10 -1.02 0.00	47.17 -1.03 0.00	80.37 -1.60 0.00	77.78 -1.34 0.00	85.16 -1.50 0.00	97.73 -1.74 2.16	83.84 -1.66 11.40	466.12 -8.72 10.04	217.65 -4.22 12.66	117.03 -1.96 4.97	78.04 -1.35 0.00	46.57 -0.94 -0.01	41.75 -0.94 0.00	39.46 -0.83 0.00	36.78 -0.73 0.00	35.51 -0.49 0.00
DUNWOD 61760	37.75 2.74 0.00	31.25 1.95 0.00	14.88 0.84 0.00	14.76 0.80 0.00	25.91 1.49 0.00	25.70 1.57 0.00	36.45 2.54 0.00	39.51 3.11 0.00	44.93 3.81 0.00	53.15 4.94 0.00	90.52 8.55 0.00	88.22 9.11 0.00	96.55 9.89 0.00	113.51 12.21 0.32	106.81 11.61 1.70	540.93 57.54 1.49	259.09 26.44 1.88	136.87 13.51 0.59	88.31 8.92 0.00	53.06 5.51 -0.05	47.37 4.69 0.00	44.62 4.33 0.00	41.57 4.07 0.00	39.66 3.66 0.00
GENESE 61753	34.16 -0.84 0.00	28.78 -0.52 0.00	13.80 -0.24 0.00	13.71 -0.25 0.00	23.90 -0.52 0.00	23.62 -0.51 0.00	33.22 -0.70 0.00	35.61 -0.79 0.00	40.03 -1.08 0.00	46.71 -1.50 0.00	79.70 -2.27 0.00	77.02 -2.10 0.00	84.99 -1.67 0.00	97.90 -2.83 0.90	89.24 -2.93 4.73	466.35 -14.36 4.17	223.23 -6.05 5.26	119.48 -2.42 2.06	77.64 -1.75 0.00	46.02 -1.49 -0.01	41.40 -1.28 0.00	39.14 -1.15 0.00	36.26 -1.24 0.00	35.02 -0.98 0.00
H Q 61844	31.21 -0.84 4.48	28.73 -0.57 0.00	13.78 -0.26 0.00	13.69 -0.27 0.00	23.95 -0.47 0.00	25.00 -0.48 9.03	22.00 -0.61 15.22	-800.01 -1.09 836.42	-805.00 -1.20 845.35	27.00 -1.61 25.01	50.43 -2.11 17.85	69.00 -2.32 1.29	38.99 -2.72 40.65	56.00 -2.36 20.22	45.00 -2.80 42.53	45.01 -2.79 48.57	230.53 -3.49 0.51	75.00 -2.17 9.70	78.07 -1.31 0.00	43.08 -1.63 23.14	45.40 -0.91 7.06	29.29 -1.42 28.64	36.53 -0.97 0.00	37.56 -1.31 4.74
HUD VL 61758	36.96 1.95 0.00	30.63 1.33 0.00	14.63 0.59 0.00	14.52 0.57 0.00	25.46 1.04 0.00	25.19 1.06 0.00	35.61 1.69 0.00	38.50 2.10 0.00	43.76 2.65 0.00	51.83 3.62 0.00	88.33 6.37 0.00	86.13 7.01 0.00	94.21 7.55 0.00	110.86 9.55 0.32	104.29 9.10 1.70	528.96 45.58 1.49	253.61 20.96 1.88	134.16 10.96 0.76	86.53 7.14 0.00	52.01 4.46 -0.05	46.40 3.72 0.00	43.71 3.42 0.00	40.77 3.27 0.00	38.93 2.93 0.00
LONGIL 61762	81.10 2.71 -43.39	54.10 2.05 -22.74	20.04 0.96 -5.04	34.52 0.92 -19.64	34.23 1.69 -8.13	38.61 1.74 -12.74	39.78 2.69 -3.18	42.04 3.20 -2.44	47.91 3.66 -3.13	61.69 4.74 -8.75	94.14 7.88 -4.29	89.34 8.21 -2.02	95.78 9.04 -0.08	115.35 10.83 -2.90	112.34 10.15 -5.29	536.67 53.17 1.37	258.05 23.92 0.40	149.49 12.21 -13.32	142.00 7.91 -54.71	144.20 4.78 -91.91	141.95 4.00 -95.27	112.09 3.66 -68.14	118.31 3.37 -77.44	104.07 3.23 -64.84
MHK VL 61756	35.24 0.24 0.00	29.60 0.30 0.00	14.17 0.13 0.00	14.09 0.13 0.00	24.68 0.26 0.00	24.39 0.26 0.00	34.31 0.40 0.00	36.73 0.32 0.00	41.49 0.37 0.00	48.53 0.32 0.00	82.55 0.58 0.00	79.72 0.60 0.00	87.75 1.09 0.00	101.72 0.93 0.84	93.36 0.89 4.43	485.60 4.64 3.91	232.36 2.76 4.93	123.38 1.31 1.88	80.17 0.79 0.00	48.04 0.54 0.00	43.33 0.64 0.00	40.80 0.51 0.00	37.92 0.42 0.00	36.46 0.46 0.00
MILLWD 61759	37.21 2.21 0.00	30.81 1.50 0.00	14.68 0.64 0.00	14.55 0.60 0.00	25.55 1.13 0.00	25.33 1.21 0.00	35.91 2.00 0.00	38.89 2.49 0.00	44.20 3.09 0.00	52.30 4.10 0.00	89.09 7.13 0.00	86.88 7.76 0.00	95.06 8.40 0.00	111.78 10.47 0.32	105.15 9.95 1.70	532.58 49.21 1.50	255.15 22.52 1.89	134.84 11.62 0.74	87.01 7.63 0.00	52.30 4.75 -0.05	46.68 4.00 0.00	43.95 3.66 0.00	40.98 3.48 0.00	39.09 3.09 0.00
N.Y.C. 61761	43.36 3.32 -5.03	36.71 2.44 -4.97	43.48 1.06 -28.39	52.82 1.01 -37.85	46.18 1.87 -19.89	40.16 1.97 -14.05	41.26 3.19 -4.16	42.54 3.79 -2.34	48.78 4.62 -3.04	54.17 5.78 -0.18	91.85 9.89 0.00	89.04 9.92 0.00	97.29 10.63 0.00	114.42 13.12 0.32	107.75 12.56 1.70	543.65 60.27 1.49	259.74 27.10 1.88	137.23 13.87 0.59	89.02 9.23 -0.41	66.49 5.81 -13.18	62.67 5.01 -14.98	64.88 4.62 -19.97	70.53 4.33 -28.70	67.97 3.96 -28.00
NORTH 61755	34.25 -0.75 0.00	28.72 -0.59 0.00	13.76 -0.28 0.00	13.67 -0.29 0.00	23.93 -0.49 0.00	23.65 -0.48 0.00	33.30 -0.61 0.00	35.66 -0.75 0.00	40.01 -1.11 0.00	46.73 -1.47 0.00	79.90 -2.06 0.00	77.33 -1.78 0.00	85.45 -1.21 0.00	99.82 -1.58 0.22	94.12 -1.62 1.15	476.01 -7.85 1.02	230.03 -3.21 1.29	121.71 -1.74 0.50	78.11 -1.27 0.00	46.53 -0.96 0.00	41.80 -0.89 0.00	39.34 -0.95 0.00	36.50 -1.00 0.00	35.01 -0.99 0.00
NPX 61845	34.35 2.30 4.48	30.76 1.46 0.00	14.68 0.64 0.00	14.57 0.62 0.00	25.56 1.14 0.00	27.31 1.83 9.03	24.58 1.97 15.22	38.14 1.74 0.00	35.39 3.28 9.44	34.89 4.50 23.23	57.89 5.35 17.85	81.43 2.31 0.00	89.51 2.85 0.00	104.32 2.98 0.28	90.93 6.96 6.36	498.29 14.74 1.32	240.59 7.72 1.66	82.73 5.56 9.70	81.45 2.06 0.00	49.87 5.16 23.14	49.99 3.68 7.06	34.75 4.04 28.64	38.73 1.23 0.00	41.53 2.66 4.76

OH 61846	29.53	25.19	12.14	12.06	21.04	22.93	20.15	31.26	27.09	26.85	51.06	69.68	75.89	88.29	80.00	423.55	201.00	76.82	71.18	40.37	40.71	26.56	33.67	37.61
	-2.52	-4.11	-1.89	-1.89	-3.37	-2.55	-2.46	-5.14	-3.66	-3.54	-1.48	-9.44	-10.77	-12.44	-3.97	-57.15	-28.26	-0.35	-8.21	-4.34	-5.60	-4.15	-3.83	-1.26
	4.48	0.00	0.00	0.00	0.00	9.03	15.22	0.00	10.80	23.23	17.85	0.00	0.00	0.90	6.36	4.17	5.27	9.70	0.00	23.14	7.06	28.64	0.00	4.74
PJM 61847	30.00	27.73	13.35	13.30	23.24	23.69	21.32	34.72	30.00	30.98	55.00	77.94	84.93	99.21	86.68	475.79	225.52	80.04	78.89	45.32	44.98	30.00	37.26	38.00
	-2.05	-1.57	-0.69	-0.66	-1.18	-1.79	-1.29	-1.69	-0.87	0.59	2.46	-1.18	-1.73	-1.34	2.71	-4.07	-2.68	2.87	-0.49	0.61	-1.33	-0.71	-0.24	-0.87
	4.48	0.00	0.00	0.00	0.00	9.03	15.22	0.00	10.68	23.23	17.85	0.00	0.00	1.08	6.36	5.02	6.33	9.70	0.00	23.14	7.06	28.64	0.00	4.74
WEST 61752	33.64	28.00	13.54	13.48	23.49	23.16	32.44	34.83	38.67	45.85	78.89	78.15	85.07	99.15	90.82	475.67	226.04	122.40	79.94	47.40	41.67	39.56	37.73	36.21
	-1.36	-1.30	-0.50	-0.47	-0.93	-0.97	-1.47	-1.58	-2.45	-2.36	-3.08	-0.96	-1.60	-1.57	-1.31	-5.02	-3.21	0.48	0.55	-0.11	-1.01	-0.73	0.22	0.21
	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	0.90	4.76	4.18	5.28	2.04	0.00	-0.01	0.00	0.00	0.00	0.00