

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/16/2002

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	19.88 1.22 0.00	21.28 1.38 0.00	15.56 0.95 0.00	13.72 0.79 0.00	12.08 0.69 0.00	23.75 1.41 0.00	27.92 0.92 0.00	28.95 0.35 -1.39	36.73 0.43 -0.10	39.75 0.32 0.10	63.16 0.66 0.00	62.29 0.50 0.00	63.39 0.63 0.00	57.96 0.76 1.89	62.14 1.08 1.79	68.10 0.88 0.14	33.26 0.30 4.54	43.94 0.98 9.69	28.39 0.39 1.83	62.05 1.13 0.00	74.62 1.27 0.00	44.80 0.42 0.00	35.65 0.78 0.00	41.25 1.72 0.00
CENTRL 61754	18.26 -0.40 0.00	19.42 -0.48 0.00	14.27 -0.34 0.00	12.73 -0.20 0.00	11.22 -0.17 0.00	21.90 -0.44 0.00	26.39 -0.60 0.00	26.81 -0.54 -0.14	35.51 -0.67 0.01	38.75 -0.69 0.10	61.49 -1.01 0.00	60.85 -0.94 0.00	61.77 -1.00 0.00	59.97 -0.95 -1.83	63.42 -1.12 -1.69	66.33 -1.17 -0.14	41.17 -0.63 -4.30	60.39 -1.01 -8.75	31.06 -0.54 -1.78	59.66 -1.25 0.00	72.14 -1.21 0.00	43.67 -0.71 0.00	34.25 -0.63 0.00	38.47 -1.06 0.00
DUNWOD 61760	19.41 0.75 0.00	20.61 0.71 0.00	15.11 0.50 0.00	13.36 0.43 0.00	11.77 0.38 0.00	23.30 0.96 0.00	28.99 2.00 0.00	30.81 2.54 -1.05	39.86 3.58 -0.08	43.62 4.14 0.06	69.05 6.55 0.00	68.38 6.59 0.00	69.59 6.83 0.00	88.67 6.57 -23.01	91.02 7.13 -21.05	76.60 7.55 -1.68	95.35 4.29 -53.56	170.24 5.84 -111.75	55.44 3.26 -22.35	67.44 6.53 0.00	81.04 7.69 0.00	48.78 4.40 0.00	38.20 3.33 0.00	42.64 3.11 0.00
GENESE 61753	18.66 0.00 0.00	19.94 0.05 0.00	14.69 0.08 0.00	13.05 0.12 0.00	11.50 0.11 0.00	22.45 0.11 0.00	26.50 -0.49 0.00	26.57 -0.78 -0.13	35.17 -1.03 0.00	38.42 -1.05 0.06	61.22 -1.27 0.00	60.61 -1.18 0.00	61.52 -1.25 0.00	59.70 -1.15 -1.76	62.87 -1.36 -1.39	65.95 -1.52 -0.11	40.15 -0.94 -3.59	58.70 -1.41 -7.47	30.62 -0.94 -1.74	58.90 -2.01 0.00	71.20 -2.14 0.00	43.30 -1.08 0.00	34.06 -0.82 0.00	38.81 -0.72 0.00
H Q 61844	18.42 -0.24 0.00	19.65 -0.25 0.00	14.43 -0.17 0.00	12.78 -0.15 0.00	11.25 -0.13 0.00	25.00 -0.24 1.43	27.00 -0.80 1.69	26.99 -1.17 0.98	31.00 -1.41 5.80	32.00 -1.45 5.65	48.00 -1.74 0.06	60.30 -1.49 0.00	61.20 -1.56 0.00	57.61 -1.45 0.03	61.23 -1.61 0.00	65.65 -1.71 0.00	36.48 -1.01 0.00	51.00 -2.60 14.79	42.00 -2.38 18.34	0.00 -3.29 96.41	30.95 -2.44 42.83	43.33 -1.05 0.00	25.00 -1.04 12.38	28.96 -0.97 8.88
HUD VL 61758	19.17 0.51 0.00	20.36 0.47 0.00	14.93 0.33 0.00	13.21 0.28 0.00	11.63 0.25 0.00	22.97 0.63 0.00	28.39 1.40 0.00	30.07 1.81 -1.04	38.82 2.55 -0.08	42.43 2.95 0.06	67.03 4.54 0.00	66.34 4.55 0.00	67.48 4.72 0.00	84.32 4.53 -20.70	86.71 4.93 -18.93	74.18 5.30 -1.51	88.73 3.06 -48.18	157.36 4.21 -100.50	52.33 2.39 -20.11	65.64 4.73 0.00	79.03 5.68 0.00	47.59 3.21 0.00	37.30 2.42 0.00	41.80 2.27 0.00
LONGIL 61762	19.27 0.62 0.00	20.60 0.71 0.00	15.13 0.53 0.00	13.39 0.46 0.00	11.80 0.41 0.00	24.44 1.03 -1.06	32.89 2.04 -3.86	34.18 2.47 -4.49	39.57 3.29 -0.08	43.31 3.83 0.06	68.64 6.15 0.00	67.93 6.14 0.00	69.10 6.34 0.00	88.30 6.15 -23.06	90.59 6.70 -21.05	79.41 7.08 -4.97	95.03 3.91 -53.63	169.24 4.81 -111.79	54.95 2.71 -22.41	66.34 5.43 0.00	79.75 6.40 0.00	48.20 3.83 0.00	38.00 3.13 0.00	42.42 2.89 0.00
MHK VL 61756	18.80 0.14 0.00	20.05 0.15 0.00	14.71 0.10 0.00	13.02 0.09 0.00	11.48 0.09 0.00	22.56 0.22 0.00	27.07 0.08 0.00	27.23 -0.02 -0.03	36.01 -0.06 0.12	38.78 -0.16 0.60	62.27 -0.23 0.00	61.60 -0.19 0.00	62.61 -0.16 0.00	59.65 -0.10 -0.67	63.35 -0.07 -0.58	67.33 -0.08 -0.05	38.91 -0.06 -1.47	54.16 -0.07 -1.58	30.41 -0.07 -0.65	60.84 -0.08 0.00	73.31 -0.04 0.00	44.29 -0.09 0.00	34.96 0.08 0.00	39.62 0.10 0.00
MILLWD 61759	19.17 0.51 0.00	20.35 0.45 0.00	14.92 0.32 0.00	13.19 0.26 0.00	11.62 0.24 0.00	23.00 0.66 0.00	28.58 1.59 0.00	30.37 2.11 -1.04	39.27 2.99 -0.08	42.97 3.49 0.06	67.98 5.49 0.00	67.31 5.53 0.00	68.49 5.73 0.00	87.34 5.52 -22.73	89.88 5.99 -21.05	75.42 6.37 -1.68	94.62 3.61 -53.51	169.08 4.88 -111.56	54.66 2.78 -22.05	66.46 5.55 0.00	79.89 6.54 0.00	48.09 3.71 0.00	37.65 2.77 0.00	42.01 2.49 0.00
N.Y.C. 61761	19.71 1.06 0.00	20.91 1.02 0.00	15.33 0.72 0.00	13.55 0.62 0.00	11.94 0.55 0.00	23.71 1.37 0.00	29.59 2.60 0.00	31.45 3.19 -1.05	40.76 4.48 -0.08	44.67 5.19 0.06	70.77 8.28 0.00	70.11 8.33 0.00	71.39 8.63 0.00	90.47 8.31 -23.07	113.31 8.84 -41.63	141.72 9.23 -65.13	109.03 5.17 -66.37	171.35 6.91 -111.79	56.11 3.87 -22.41	68.86 7.95 0.00	82.63 9.28 0.00	49.73 5.35 0.00	39.02 4.14 0.00	43.50 3.98 0.00
NORTH 61755	18.49 -0.17 0.00	19.71 -0.18 0.00	14.48 -0.12 0.00	12.82 -0.10 0.00	11.29 -0.09 0.00	22.18 -0.16 0.00	26.19 -0.80 0.00	26.28 -0.92 0.01	34.34 -1.27 0.59	35.21 -1.45 2.88	60.40 -2.09 0.00	59.79 -1.99 0.00	60.69 -2.07 0.00	57.17 -1.90 0.02	60.77 -2.07 0.00	65.13 -2.23 0.00	36.20 -1.29 0.00	43.73 -1.75 7.17	28.76 -1.04 0.02	58.87 -2.05 0.00	70.98 -2.37 0.00	42.92 -1.46 0.00	33.66 -1.21 0.00	38.73 -0.80 0.00
NPX 61845	19.33 0.67 0.00	20.64 0.75 0.00	15.10 0.50 0.00	13.33 0.40 0.00	11.73 0.34 0.00	26.28 1.04 1.43	29.30 1.50 1.69	39.34 1.52 -8.68	36.66 0.38 -0.09	-5.11 1.84 46.05	40.00 2.24 12.04	35.00 2.48 19.24	67.11 2.87 1.00	63.98 0.56 -4.33	27.83 2.62 32.91	23.76 4.06 61.42	4.74 3.49 64.54	20.00 3.76 52.15	16.98 3.58 49.32	9.70 5.98 95.98	20.00 3.89 60.11	53.67 2.80 1.00	20.00 1.92 20.34	32.18 2.25 8.88

OH 61846	17.12	18.22	13.49	12.02	10.55	21.72	24.82	35.72	33.96	37.14	58.65	58.14	58.87	57.53	60.52	63.21	40.74	60.20	30.20	56.54	68.12	41.93	21.55	25.00
	-1.54	-1.68	-1.11	-0.91	-0.84	-3.52	-2.98	-2.10	-2.24	-2.34	-3.84	-3.65	-3.90	-3.85	-4.44	-4.32	-2.13	-3.52	-1.85	-4.38	-5.23	-2.44	-4.49	-4.93
	0.00	0.00	0.00	0.00	0.00	1.43	1.69	-8.68	0.00	0.06	0.00	0.00	0.00	-2.30	-2.11	-0.17	-5.37	-11.07	-2.23	0.00	0.00	0.00	12.38	8.88
PJM 61847	17.34	18.47	13.59	12.07	10.65	23.00	26.62	37.91	34.93	38.21	60.34	59.80	60.56	59.91	63.12	65.20	43.52	65.58	32.14	60.20	72.61	44.23	24.04	26.24
	-1.31	-1.43	-1.02	-0.86	-0.74	-2.24	-1.18	0.09	-1.27	-1.27	-2.15	-1.98	-2.20	-2.21	-2.51	-2.39	-1.07	-1.74	-0.64	-0.71	-0.74	-0.15	-2.00	-3.69
	0.00	0.00	0.00	0.00	0.00	1.43	1.69	-8.68	-0.01	0.06	0.00	0.00	0.00	-3.04	-2.79	-0.22	-7.10	-14.67	-2.95	0.00	0.00	0.00	12.38	8.88
WEST 61752	17.01	18.15	13.46	11.99	10.53	20.48	25.10	25.71	33.86	37.02	58.49	57.98	58.65	57.23	60.30	62.81	41.01	60.80	29.95	56.04	67.63	41.69	32.52	36.58
	-1.65	-1.74	-1.15	-0.94	-0.86	-1.86	-1.89	-1.68	-2.34	-2.46	-4.00	-3.81	-4.11	-4.15	-4.87	-4.73	-2.37	-3.94	-2.07	-4.87	-5.72	-2.69	-2.35	-2.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.01	0.06	0.00	0.00	0.00	-2.29	-2.33	-0.19	-5.88	-12.09	-2.20	0.00	0.00	0.00	0.00	0.00