

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/18/2002

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	36.92 1.93 0.00	28.69 1.67 0.00	32.75 1.99 0.00	32.37 1.94 0.00	30.88 1.82 0.00	27.59 1.58 0.00	34.70 2.17 0.00	28.92 1.56 0.00	33.79 2.02 0.00	36.39 1.73 0.00	45.70 1.46 -7.84	59.84 1.32 -23.17	49.54 1.17 -11.20	62.60 1.26 -25.18	57.02 1.21 -18.66	59.57 1.26 -23.25	74.45 0.99 -46.23	46.24 1.13 -10.51	47.30 1.11 -12.96	43.71 1.03 -4.14	90.97 0.99 -58.48	82.49 1.07 -52.22	36.95 1.04 -10.05	33.77 1.70 0.00
CENTRL 61754	34.01 -0.98 0.00	26.24 -0.78 0.00	29.73 -1.03 0.00	29.38 -1.05 0.00	28.05 -1.00 0.00	25.15 -0.85 0.00	31.48 -1.05 0.00	26.49 -0.86 0.00	30.87 -0.90 0.00	33.69 -0.97 0.00	36.08 -1.07 -0.76	36.67 -0.92 -2.25	37.39 -0.88 -1.09	37.68 -0.92 -2.44	38.03 -0.94 -1.81	36.37 -0.96 -2.25	30.98 -0.71 -4.46	34.76 -0.86 -1.02	33.64 -0.85 -1.26	37.98 -0.96 -0.40	36.36 -0.79 -5.64	33.51 -0.74 -5.05	26.13 -0.69 -0.96	31.06 -1.01 0.00
DUNWOD 61760	37.68 2.69 0.00	28.76 1.75 0.00	32.88 2.12 0.00	32.49 2.06 0.00	30.92 1.86 0.00	27.61 1.60 0.00	34.38 1.85 0.00	29.23 1.88 0.00	34.32 2.54 0.00	37.86 3.20 0.00	46.33 3.89 -6.05	57.06 3.85 -17.86	49.90 4.10 -8.63	59.56 4.01 -19.40	55.64 4.11 -14.37	56.83 3.85 -17.91	65.80 2.97 -35.60	46.43 3.74 -8.10	46.70 3.48 -9.98	45.83 4.09 -3.19	80.00 3.46 -45.03	72.37 2.95 -40.23	36.08 2.49 -7.74	35.06 2.99 0.00
GENESE 61753	34.19 -0.81 0.00	26.58 -0.43 0.00	30.04 -0.72 0.00	29.69 -0.74 0.00	28.33 -0.73 0.00	25.34 -0.67 0.00	31.87 -0.66 0.00	26.58 -0.78 0.00	30.95 -0.82 0.00	33.47 -1.19 0.00	35.61 -1.55 -0.76	36.13 -1.46 -2.25	36.84 -1.43 -1.08	37.15 -1.46 -2.45	37.51 -1.46 -1.81	35.93 -1.39 -2.25	30.66 -1.08 -4.51	34.28 -1.33 -1.02	33.18 -1.32 -1.26	37.32 -1.63 -0.40	35.77 -1.46 -5.72	33.16 -1.12 -5.08	25.93 -0.91 -0.99	30.91 -1.16 0.00
H Q 61844	31.83 -0.46 2.99	26.68 -0.33 0.00	30.37 -0.39 0.00	30.00 -0.43 0.00	28.67 -0.38 0.00	25.65 -0.35 0.00	32.10 -0.43 0.00	26.96 -0.40 0.00	31.33 -0.44 0.00	34.06 -0.61 0.00	35.64 -0.72 0.04	34.43 -0.78 0.14	36.22 -0.89 0.07	35.17 -0.85 0.13	36.26 -0.80 0.11	34.27 -0.66 0.14	26.48 -0.55 0.21	33.86 -0.68 0.06	32.47 -0.68 0.08	37.69 -0.83 0.03	30.60 -0.67 0.23	28.31 -0.62 0.27	25.36 -0.48 0.02	6.28 -0.51 35.96
HUD VL 61758	37.17 2.17 0.00	28.37 1.35 0.00	32.40 1.64 0.00	32.04 1.60 0.00	30.50 1.45 0.00	27.25 1.25 0.00	33.97 1.44 0.00	28.84 1.48 0.00	33.79 2.01 0.00	37.27 2.60 0.00	45.61 3.21 -5.99	56.31 3.26 -17.70	49.21 3.49 -8.55	58.77 3.38 -19.23	54.87 3.46 -14.25	56.06 3.24 -17.75	65.07 2.52 -35.32	45.77 3.15 -8.03	46.08 2.96 -9.90	45.15 3.45 -3.16	79.13 2.93 -44.69	71.55 2.46 -39.89	35.56 2.01 -7.69	34.42 2.35 0.00
LONGIL 61762	63.05 3.07 -24.99	42.00 2.23 -12.76	35.12 2.70 -1.66	35.90 2.73 -2.74	36.61 2.47 -5.09	38.02 2.13 -9.88	38.06 2.40 -3.13	38.26 2.34 -8.57	39.64 3.08 -4.79	68.42 3.61 -30.14	78.61 4.20 -38.01	80.61 3.86 -41.40	82.75 3.97 -41.60	104.41 3.92 -64.33	108.98 4.01 -67.81	110.02 3.76 -71.19	105.22 2.84 -75.14	106.84 3.53 -68.71	106.55 3.22 -70.09	104.14 3.64 -61.95	107.91 3.15 -73.26	102.97 2.56 -71.21	80.62 2.34 -52.42	81.43 2.93 -46.43
MHK VL 61756	35.64 0.64 0.00	27.56 0.54 0.00	31.34 0.58 0.00	31.00 0.57 0.00	29.61 0.55 0.00	26.49 0.48 0.00	33.23 0.71 0.00	27.87 0.51 0.00	32.38 0.61 0.00	35.07 0.40 0.00	36.86 0.27 -0.19	36.22 0.30 -0.57	37.77 0.31 -0.28	37.13 0.34 -0.63	38.01 0.38 -0.46	36.02 0.38 -0.57	28.74 0.33 -1.17	35.24 0.39 -0.26	33.91 0.36 -0.32	39.02 0.38 -0.10	33.35 0.34 -1.50	30.87 0.36 -1.31	26.45 0.33 -0.27	32.55 0.48 0.00
MILLWD 61759	37.10 2.11 0.00	28.32 1.30 0.00	32.37 1.61 0.00	31.99 1.56 0.00	30.44 1.39 0.00	27.19 1.18 0.00	33.87 1.34 0.00	28.79 1.43 0.00	33.78 2.01 0.00	37.27 2.60 0.00	45.62 3.24 -5.98	56.26 3.26 -17.66	49.17 3.46 -8.53	58.72 3.38 -19.19	54.85 3.47 -14.22	56.03 3.25 -17.71	64.97 2.51 -35.23	45.75 3.15 -8.01	46.03 2.92 -9.87	45.15 3.45 -3.16	79.05 2.96 -44.57	71.44 2.44 -39.80	35.57 2.05 -7.66	34.51 2.44 0.00
N.Y.C. 61761	59.97 3.17 -21.80	43.96 2.13 -14.82	65.59 2.63 -32.20	61.13 2.52 -28.18	58.93 2.28 -27.59	54.66 2.00 -26.66	46.93 2.30 -12.11	38.08 2.32 -8.40	58.45 3.10 -23.57	61.42 3.79 -22.97	76.32 4.48 -35.44	78.94 4.35 -39.24	73.31 4.51 -31.63	79.90 4.39 -39.35	77.65 4.46 -36.03	77.61 4.17 -38.38	84.06 3.23 -53.60	72.71 4.09 -34.03	69.54 3.82 -32.49	58.56 4.51 -15.51	93.38 3.86 -58.01	79.63 3.16 -47.27	65.35 2.76 -36.73	70.35 3.38 -34.90
NORTH 61755	34.29 -0.71 0.00	26.64 -0.37 0.00	30.31 -0.45 0.00	29.93 -0.50 0.00	28.61 -0.45 0.00	25.60 -0.40 0.00	32.07 -0.46 0.00	26.89 -0.47 0.00	31.29 -0.49 0.00	33.94 -0.73 0.00	35.43 -0.89 0.08	34.15 -0.98 0.22	35.99 -1.08 0.10	34.87 -1.03 0.25	36.02 -0.96 0.18	34.05 -0.80 0.22	26.09 -0.64 0.49	33.69 -0.81 0.10	32.29 -0.82 0.12	37.48 -1.02 0.04	30.05 -0.81 0.65	27.93 -0.73 0.53	25.18 -0.55 0.13	31.53 -0.54 0.00
NPX 61845	34.34 2.05 2.99	28.38 1.36 0.00	32.44 1.68 0.00	32.06 1.63 0.00	30.56 1.51 0.00	27.31 1.30 0.00	34.22 1.69 0.00	28.71 1.35 0.00	33.55 1.78 0.00	36.45 1.78 0.00	45.44 1.81 -7.23	58.40 1.71 -21.34	49.16 1.67 -10.31	61.08 1.73 -23.19	56.04 1.70 -17.18	58.15 1.67 -21.41	71.15 1.33 -42.59	45.87 1.59 -9.68	46.69 1.52 -11.93	43.97 1.61 -3.82	86.77 1.38 -53.88	78.62 1.31 -48.10	36.33 1.21 -9.27	9.91 3.12 35.96

OH 61846	30.00	23.24	26.17	25.91	24.79	22.20	27.72	23.43	26.94	29.67	32.22	33.49	33.79	34.44	34.67	33.24	29.11	31.10	30.16	34.06	34.71	31.99	23.77	2.43
	-2.29	-3.77	-4.59	-4.52	-4.26	-3.80	-4.81	-3.93	-4.83	-5.00	-5.16	-4.77	-4.80	-4.89	-4.84	-4.75	-3.89	-4.80	-4.69	-5.00	-4.09	-3.72	-3.34	-4.36
	2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.98	-2.92	-1.41	-3.17	-2.35	-2.93	-5.76	-1.31	-1.61	-0.52	-7.29	-6.51	-1.25	35.96
PJM 61847	28.59	24.98	24.04	21.44	20.24	20.00	31.03	26.30	30.57	33.74	37.02	38.73	38.70	39.95	39.97	38.48	34.44	35.94	34.95	38.96	40.96	37.55	27.08	3.03
	-3.70	-3.62	-4.24	-4.62	-4.51	-4.50	-1.50	-1.05	-1.20	-0.93	-0.67	-0.44	-0.33	-0.37	-0.27	-0.42	-0.39	-0.38	-0.42	-0.27	-0.17	-0.24	-0.43	-3.76
	2.99	1.04	3.16	6.26	6.56	6.78	0.00	0.00	0.00	0.00	-1.29	-3.82	-1.85	-4.15	-3.08	-3.83	-7.61	-1.73	-2.13	-0.68	-9.62	-8.59	-1.65	35.96
WEST 61752	34.13	26.15	29.40	29.05	27.87	25.01	31.02	26.27	30.07	33.10	35.78	36.74	37.36	37.77	38.19	36.48	31.62	34.52	33.41	37.93	37.64	34.76	26.35	30.63
	-0.86	-0.87	-1.36	-1.38	-1.18	-1.00	-1.51	-1.09	-1.70	-1.57	-1.57	-1.42	-1.18	-1.45	-1.24	-1.41	-1.20	-1.36	-1.40	-1.12	-0.92	-0.77	-0.71	-1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	-2.81	-1.36	-3.05	-2.26	-2.82	-5.59	-1.28	-1.57	-0.50	-7.05	-6.33	-1.21	0.00