

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Prices

Date: 07/10/2000

Name Ptid	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
CAPITL 61757	47.56 0.71 -18.28	50.42 1.66 -4.67	43.95 1.63 -0.88	41.88 1.26 0.00	45.59 2.05 0.00	50.98 1.57 -9.83	49.99 1.61 -0.02	62.83 0.43 -41.19	103.63 0.45 -74.26	131.04 0.21 -111.65	205.81 0.27 -180.79	228.29 0.12 -214.62	34.84 0.20 -4.17	37.53 -0.01 -15.87	352.26 0.01 -355.43	45.40 0.40 -1.74	55.78 0.41 -10.24	71.92 0.21 -40.78	68.99 0.17 -40.61	50.11 0.05 -20.15	55.78 0.11 -29.54	42.48 0.10 -1.51	46.12 0.16 -14.29	35.72 0.48 -0.18
CENTRL 61754	29.53 -0.81 -1.79	43.15 -1.40 -0.46	40.21 -1.32 -0.09	39.35 -1.27 0.00	42.16 -1.39 0.00	39.35 -1.20 -0.96	47.00 -1.35 0.00	24.69 -0.54 -4.03	35.46 -0.73 -7.26	29.65 -0.46 -10.92	41.87 -0.56 -17.68	34.24 -0.29 -20.98	48.82 -0.66 -19.01	33.37 -0.41 -12.11	33.07 0.08 -36.17	44.11 -0.88 -1.74	45.84 -0.94 -1.66	34.18 -0.62 -3.85	31.47 -0.58 -3.84	31.22 -0.66 -1.97	28.37 -0.64 -2.89	40.08 -0.94 -0.15	32.28 -0.79 -1.40	34.12 -0.96 -0.02
DUNWOD 61760	45.68 2.75 -14.37	51.55 3.79 -3.67	45.54 3.40 -0.69	44.18 3.56 0.00	47.08 3.54 0.00	50.76 3.45 -7.72	53.05 4.68 -0.02	55.80 2.21 -32.38	90.46 3.17 -58.36	109.15 2.21 -87.75	169.82 2.96 -142.12	183.91 1.66 -168.70	289.91 3.84 -255.61	180.14 2.67 -155.80	294.53 -0.39 -298.09	71.27 5.30 -22.71	69.83 5.49 -19.23	70.86 3.67 -36.24	67.59 3.32 -36.06	49.14 3.40 -15.83	52.30 2.95 -23.22	46.72 4.67 -1.18	46.37 3.47 -11.23	38.69 3.49 -0.14
GENESE 61753	29.15 -1.21 -1.80	42.79 -1.76 -0.46	40.02 -1.51 -0.09	39.01 -1.60 0.00	42.09 -1.45 0.00	39.18 -1.37 -0.97	46.27 -2.08 0.00	24.20 -1.07 -4.06	34.59 -1.66 -7.32	29.07 -1.10 -10.98	40.94 -1.50 -17.69	33.74 -0.81 -21.00	47.43 -1.91 -18.87	32.37 -1.33 -12.03	33.04 0.22 -35.99	42.47 -2.51 -1.72	44.09 -2.68 -1.65	32.99 -1.78 -3.83	30.43 -1.60 -3.81	30.08 -1.79 -1.96	27.42 -1.58 -2.88	38.62 -2.41 -0.15	31.15 -1.92 -1.40	33.17 -1.90 -0.02
H Q 61844	27.83 -0.66 0.06	43.07 -1.01 0.02	40.53 -0.91 0.00	39.68 -0.94 0.00	42.57 -0.97 0.00	38.61 -0.93 0.03	47.10 -1.24 0.00	20.54 -0.53 0.14	28.01 -0.67 0.25	18.36 -0.45 0.38	23.53 -0.61 0.62	12.48 -0.34 0.73	29.59 -0.80 0.08	21.03 -0.56 0.09	-4.34 0.08 1.25	42.12 -1.13 0.01	43.94 -1.15 0.03	30.03 -0.78 0.13	27.38 -0.70 0.13	29.17 -0.67 0.07	25.46 -0.56 0.10	40.03 -0.85 0.00	30.94 -0.69 0.05	34.39 -0.67 0.00
HUD VL 61758	44.82 1.92 -14.34	50.34 2.59 -3.66	44.42 2.28 -0.69	43.01 2.39 0.00	45.87 2.33 0.00	49.61 2.32 -7.71	51.57 3.20 -0.02	55.06 1.54 -32.31	89.39 2.22 -58.24	108.27 1.52 -87.56	168.59 2.04 -141.80	183.02 1.14 -168.33	263.52 2.63 -230.42	165.01 1.87 -141.47	292.17 -0.29 -295.63	67.47 3.63 -20.57	66.75 3.75 -17.88	68.63 2.51 -35.18	65.49 2.27 -35.01	48.07 2.36 -15.80	51.35 2.05 -23.17	45.24 3.18 -1.18	45.28 2.40 -11.21	37.56 2.36 -0.14
LONGIL 61762	46.10 3.15 -14.39	52.55 4.78 -3.68	85.70 4.53 -39.73	95.61 4.75 -50.24	95.52 4.80 -47.18	95.54 4.60 -51.35	54.39 5.63 -0.41	55.80 2.16 -32.43	90.26 2.87 -58.46	109.12 2.04 -87.89	169.84 2.75 -142.34	184.10 1.57 -168.97	290.51 3.83 -256.21	180.53 2.70 -156.16	300.65 -0.42 -304.25	160.75 5.49 -112.00	162.78 5.62 -112.04	146.83 3.69 -112.20	150.80 3.32 -119.27	115.50 3.31 -82.29	95.91 2.97 -66.81	70.32 4.63 -24.81	69.84 3.54 -34.63	145.25 3.96 -106.24
MHK VL 61756	29.37 0.25	44.67 0.43	41.91 0.43	40.93 0.31	44.13 0.59	40.40 0.51	48.92 0.58	22.65 0.18	31.39 0.17	22.72 0.09	30.42 0.10	20.23 0.06	38.02 0.12	26.39 0.07	8.31 0.00	44.20 0.26	45.96 0.24	32.33 0.16	29.60 0.16	30.63 0.09	27.10 0.07	41.05 0.13	32.30 0.19	35.27

	-0.56	-0.14	-0.03	0.00	0.00	-0.30	0.00	-1.26	-2.28	-3.44	-5.57	-6.62	-7.43	-4.64	-11.48	-0.67	-0.59	-1.23	-1.23	-0.62	-0.91	-0.05	-0.44	0.21 -0.01
MILLWD 61759	45.18 2.40 -14.22	50.97 3.25 -3.63	45.02 2.89 -0.69	43.66 3.04 0.00	46.52 2.98 0.00	50.19 2.96 -7.65	52.44 4.08 -0.02	55.20 1.94 -32.05	89.50 2.80 -57.78	107.99 1.95 -86.86	168.03 2.61 -140.67	182.00 1.46 -166.99	285.92 3.39 -252.06	177.72 2.38 -153.68	291.46 -0.35 -294.99	70.35 4.69 -22.40	69.43 4.85 -19.46	71.35 3.24 -37.16	68.11 2.94 -36.96	48.61 3.02 -15.67	51.73 2.62 -22.99	46.16 4.12 -1.17	45.82 3.03 -11.12	38.22 3.02 -0.14
N.Y.C. 61761	46.35 3.40 -14.39	52.57 4.80 -3.68	46.46 4.32 -0.69	45.21 4.59 0.00	48.16 4.61 0.00	51.74 4.42 -7.74	54.30 5.93 -0.02	56.43 2.79 -32.43	91.32 3.94 -58.45	109.80 2.74 -87.87	170.72 3.65 -142.31	184.53 2.04 -168.94	291.28 4.68 -256.14	180.97 3.18 -156.12	294.93 -0.44 -298.54	72.49 6.47 -22.76	70.97 6.70 -19.15	71.41 4.48 -36.00	68.07 4.05 -35.81	49.84 4.07 -15.86	52.93 3.56 -23.26	47.77 5.71 -1.18	47.19 4.27 -11.25	39.56 4.36 -0.14
NORTH 61755	27.73 -0.75 0.08	42.99 -1.08 0.02	40.49 -0.95 0.00	39.59 -1.03 0.00	42.58 -0.97 0.00	38.58 -0.96 0.05	46.99 -1.35 0.00	20.42 -0.60 0.19	27.81 -0.77 0.35	18.17 -0.50 0.53	23.24 -0.66 0.85	12.17 -0.38 1.01	29.68 -0.89 -0.10	21.03 -0.64 0.00	-4.75 0.10 1.67	42.02 -1.25 0.00	43.81 -1.27 0.04	29.90 -0.87 0.17	27.26 -0.78 0.18	29.03 -0.78 0.10	25.34 -0.65 0.14	39.88 -0.99 0.01	30.79 -0.81 0.07	34.24 -0.82 0.00
NPX 61845	46.05 0.56 -16.94	49.53 1.12 -4.33	43.31 1.05 -0.82	41.47 0.85 0.00	44.81 1.27 0.00	49.72 1.03 -9.11	49.48 1.11 -0.02	59.75 0.37 -38.17	98.19 0.45 -68.81	122.85 0.22 -103.44	192.54 0.29 -167.50	212.54 0.14 -198.84	100.70 0.29 -69.94	74.11 0.10 -52.34	331.01 -0.03 -334.20	50.98 0.46 -7.26	57.85 0.49 -12.23	69.54 0.27 -38.32	66.60 0.23 -38.16	48.70 0.12 -18.67	53.67 0.17 -27.37	42.44 0.17 -1.40	45.15 0.24 -13.24	35.64 0.41 -0.17
OH 61846	29.64 -1.23 -2.31	42.41 -2.28 -0.59	39.58 -1.98 -0.11	39.09 -1.53 0.00	41.35 -2.20 0.00	38.98 -1.85 -1.24	45.80 -2.55 0.00	25.19 -1.23 -5.21	36.29 -2.03 -9.40	31.93 -1.33 -14.07	45.48 -1.86 -22.60	39.39 -0.99 -26.82	52.32 -2.28 -24.13	35.61 -1.43 -15.37	42.80 0.22 -45.76	42.05 -3.40 -2.18	43.69 -3.53 -2.09	33.70 -2.11 -4.86	31.24 -1.82 -4.85	30.67 -1.74 -2.50	28.25 -1.53 -3.66	38.61 -2.45 -0.19	31.66 -1.80 -1.79	33.30 -1.78 -0.02
PJM 61847	30.48 -1.13 -3.04	42.68 -2.18 -0.78	39.55 -2.04 -0.15	38.81 -1.81 0.00	41.16 -2.39 0.00	39.18 -2.04 -1.64	46.07 -2.28 0.00	27.23 -0.84 -6.86	40.26 -1.04 -12.36	37.07 -0.61 -18.49	53.53 -0.79 -29.57	48.25 -0.41 -35.11	61.03 -0.92 -31.48	41.20 -0.53 -20.05	56.52 0.06 -59.63	44.37 -1.72 -2.83	46.05 -1.80 -2.72	36.22 -1.05 -6.34	33.63 -0.89 -6.31	32.32 -0.84 -3.25	30.10 -0.78 -4.76	39.91 -1.21 -0.24	33.13 -0.88 -2.34	33.85 -1.24 -0.03
WEST 61752	29.51 -1.32 -2.28	42.21 -2.46 -0.58	39.44 -2.11 -0.11	39.00 -1.62 0.00	41.14 -2.40 0.00	38.75 -2.06 -1.22	45.48 -2.87 0.00	24.98 -1.35 -5.13	35.98 -2.19 -9.23	31.60 -1.43 -13.84	45.05 -1.95 -22.25	38.92 -1.04 -26.41	51.81 -2.39 -23.74	35.31 -1.48 -15.12	42.16 0.21 -45.12	42.01 -3.40 -2.15	43.65 -3.54 -2.06	33.63 -2.11 -4.80	31.15 -1.84 -4.78	30.60 -1.77 -2.46	28.15 -1.58 -3.61	38.55 -2.51 -0.18	31.49 -1.94 -1.76	33.15 -1.93 -0.02