

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Zonal Data

05/13/2004

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	55.55	72.94	59.74	42.56	33.70	42.58	61.88	61.38	63.54	107.95	60.97	120.78	66.11	57.52	64.14	66.27	107.35	125.62	74.74	64.80	55.84	59.08	53.49	43.75
61757	3.18	5.20	4.25	3.09	2.48	3.17	4.39	4.60	4.20	6.86	2.92	5.51	2.12	2.41	2.70	2.38	3.74	4.49	2.92	3.05	2.73	3.03	2.84	2.13
	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	0.00	0.00	-6.56	-1.69	0.00	0.00	0.00	0.00	0.00	0.00	
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
CENTRL	51.54	66.23	54.19	38.52	30.51	38.54	56.43	55.88	58.44	99.77	57.41	114.40	63.61	54.76	61.04	57.31	102.01	121.11	71.78	61.53	52.94	55.91	50.42	41.38
	-0.82	-1.51	-1.30	-0.95	-0.71	-0.86	-1.06	-0.90	-0.90	-1.33	-0.64	-0.87	-0.38	-0.35	-0.39	-0.23	0.03	-0.02	-0.04	-0.22	-0.16	-0.14	-0.23	-0.23
	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	0.00	0.00	-0.21	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	
61754	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	55.29	70.94	58.14	41.39	32.67	41.32	60.65	60.28	63.58	108.82	62.80	124.97	69.80	59.79	66.88	146.84	130.42	128.57	75.73	65.32	56.32	58.79	52.77	43.23
	2.92	3.20	2.65	1.92	1.45	1.91	3.16	3.50	4.25	7.72	4.75	9.69	5.81	4.68	5.44	4.99	6.80	7.44	3.91	3.57	3.21	2.74	2.12	1.62
DUNWOD	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	0.00	0.00	-84.53	-21.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	51.26	66.22	54.26	38.55	30.60	38.65	56.38	55.87	58.09	98.67	56.64	112.81	62.45	54.18	60.07	56.18	101.89	121.21	72.00	61.47	53.02	56.50	51.13	41.77
GENESE	-1.11	-1.52	-1.23	-0.92	-0.63	-0.75	-1.10	-0.91	-1.25	-2.43	-1.41	-2.46	-1.54	-0.93	-1.37	-1.14	-0.03	0.08	0.18	-0.28	-0.09	0.45	0.48	0.15
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
H Q	51.69	67.06	54.92	39.06	30.88	38.99	56.95	56.23	58.77	99.81	75.00	113.65	63.15	54.41	60.53	56.50	100.89	120.56	71.51	61.35	52.83	56.00	53.91	47.82
	-0.67	-0.68	-0.57	-0.41	-0.34	-0.41	-0.54	-0.55	-0.56	-1.29	-1.56	-1.63	-0.85	-0.70	-0.91	-0.82	-1.03	-0.58	-0.31	-0.40	-0.28	-0.05	0.05	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	-11.61
61844	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	54.04	69.45	56.84	40.45	31.98	40.41	59.24	58.73	61.79	105.84	61.02	121.25	67.60	58.01	64.90	127.75	123.63	125.86	74.28	64.00	55.03	57.54	51.77	42.45
	1.68	1.71	1.35	0.98	0.76	1.01	1.75	1.95	2.45	4.74	2.97	5.98	3.60	2.89	3.46	3.15	4.43	4.73	2.46	2.25	1.92	1.49	1.12	0.84
HUD VL	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	0.00	0.00	-67.29	-17.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	64.64	72.06	61.27	60.11	59.43	59.84	85.74	118.27	101.87	156.86	143.77	152.91	94.02	104.83	83.40	146.46	130.58	128.02	76.36	68.13	73.78	65.52	69.80	56.04
LONGIL	3.81	4.31	3.68	2.73	2.06	2.59	4.01	4.01	4.91	8.72	5.23	10.46	5.92	4.49	5.20	4.61	6.31	6.88	4.23	3.72	3.25	2.84	2.54	2.24
	-8.46	0.00	-2.10	-17.91	-26.15	-17.85	-24.24	-57.48	-37.62	-47.04	-80.48	-27.18	-24.10	-45.23	-16.76	-84.53	-22.35	0.00	-0.31	-2.66	-17.43	-6.63	-16.60	-12.18
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
MHK VL	53.50	69.22	56.68	40.31	31.89	40.28	58.90	58.32	60.77	103.40	59.08	117.63	65.04	56.11	62.62	58.92	104.02	123.45	73.34	63.11	54.43	57.52	51.84	42.46
	1.14	1.47	1.18	0.83	0.67	0.87	1.41	1.54	1.43	2.30	1.03	2.36	1.04	1.00	1.18	1.19	1.99	2.31	1.52	1.36	1.32	1.47	1.19	0.84
	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	0.00	0.00	-0.42	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61756	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	54.47	69.89	57.27	40.77	32.19	40.71	59.74	59.33	62.55	107.04	61.77	122.87	68.60	58.76	65.73	143.88	128.79	126.59	74.67	64.37	55.48	57.94	52.05	42.64
	2.11	2.15	1.78	1.29	0.97	1.30	2.25	2.55	3.21	5.94	3.72	7.60	4.60	3.65	4.30	3.94	5.65	5.46	2.85	2.62	2.37	1.88	1.40	1.02
MILLWD	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	0.00	0.00	-82.62	-21.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	70.77	72.03	61.14	47.15	39.65	48.34	68.96	72.76	77.15	123.70	84.42	138.64	132.18	146.26	139.45	158.06	133.12	130.19	76.41	71.61	82.89	84.85	62.69	51.29
N.Y.C.	3.89	4.29	3.61	2.63	2.00	2.63	4.25	4.67	5.50	9.51	5.64	11.37	6.87	5.53	6.41	5.76	8.24	8.17	4.40	4.18	3.97	3.42	2.82	2.09
	-14.52	0.00	-2.04	-5.05	-6.43	-6.31	-7.23	-11.31	-12.32	-13.10	-20.73	-12.00	-61.31	-85.62	-71.60	-94.98	-22.95	-0.89	-0.19	-5.68	-25.81	-25.37	-9.22	-7.58
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

NORTH 61755	52.04 -0.32 0.00 N	67.57 -0.17 0.00 N	55.32 -0.17 0.00 N	39.35 -0.12 0.00 N	31.11 -0.11 0.00 N	39.29 -0.11 0.00 N	57.37 -0.11 0.00 N	56.67 -0.11 0.00 N	59.13 -0.21 0.00 N	99.56 -1.54 0.00 N	57.45 -0.60 0.00 N	114.07 -1.21 0.00 N	63.32 -0.68 0.00 N	54.62 -0.50 0.00 N	60.75 -0.69 0.00 N	56.69 -0.63 0.00 N	101.49 -0.43 0.00 N	121.14 0.01 0.00 N	71.90 0.09 0.00 N	61.74 -0.01 0.00 N	53.20 0.09 0.00 N	56.42 0.36 0.00 N	50.93 0.28 0.00 N	41.72 0.10 0.00 N
NPX 61845	54.06 1.69 0.00 N	70.58 2.84 0.00 N	57.82 2.33 0.00 N	41.20 1.73 0.00 N	32.60 1.38 0.00 N	41.17 1.76 0.00 N	59.82 2.33 0.00 N	59.17 2.40 0.00 N	61.51 2.17 0.00 N	104.49 3.39 0.00 N	80.92 4.36 1.22 N	117.97 2.69 0.00 N	64.92 0.93 0.00 N	56.25 1.14 0.00 N	62.77 1.33 0.00 N	91.79 1.06 -33.41 N	111.52 1.02 -8.58 N	122.30 1.17 0.00 N	72.54 0.72 0.00 N	62.89 1.14 0.00 N	54.10 0.99 0.00 N	57.00 0.95 0.00 N	55.55 1.69 0.70 N	49.01 1.23 -11.61 N
O H 61846	49.38 -2.99 0.00 N	62.63 -5.11 0.00 N	51.60 -3.89 0.00 N	36.63 -2.84 0.00 N	29.04 -2.18 0.00 N	36.56 -2.85 0.00 N	53.22 -4.27 0.00 N	51.91 -4.87 0.00 N	54.39 -4.95 0.00 N	93.03 -8.07 0.00 N	68.86 -7.70 1.22 N	108.29 -6.99 0.00 N	60.85 -3.14 0.00 N	52.28 -2.83 0.00 N	57.98 -3.46 0.00 N	55.54 -3.02 -1.24 N	99.16 -3.08 -0.32 N	117.84 -3.29 0.00 N	69.80 -2.02 0.00 N	59.21 -2.54 0.00 N	50.57 -2.53 0.00 N	53.61 -2.45 0.00 N	48.13 -5.73 0.70 N	44.81 -2.97 -11.61 N
PJM 61847	49.41 -2.95 0.00 N	63.03 -4.71 0.00 N	51.64 -3.85 0.00 N	36.66 -2.82 0.00 N	28.98 -2.24 0.00 N	36.55 -2.86 0.00 N	53.60 -3.89 0.00 N	52.70 -4.07 0.00 N	55.48 -3.86 0.00 N	94.96 -6.14 0.00 N	78.66 2.10 1.22 N	110.20 -5.07 0.00 N	61.66 -2.33 0.00 N	52.78 -2.33 0.00 N	58.84 -2.59 0.00 N	56.72 -2.27 -1.68 N	98.79 -3.56 -0.43 N	117.14 -3.99 0.00 N	69.27 -2.55 0.00 N	59.17 -2.58 0.00 N	50.71 -2.39 0.00 N	53.55 -2.50 0.00 N	51.57 -2.29 0.70 N	46.55 -1.23 -11.61 N
WEST 61752	49.18 -3.19 0.00 N	62.20 -5.54 0.00 N	51.19 -4.30 0.00 N	36.32 -3.15 0.00 N	28.81 -2.42 0.00 N	36.26 -3.15 0.00 N	52.79 -4.70 0.00 N	51.58 -5.20 0.00 N	54.14 -5.20 0.00 N	92.83 -8.26 0.00 N	54.54 -3.51 0.00 N	108.34 -6.93 0.00 N	60.97 -3.02 0.00 N	52.30 -2.82 0.00 N	58.04 -3.40 0.00 N	54.40 -2.92 0.00 N	99.22 -2.70 0.00 N	118.10 -3.03 0.00 N	69.89 -1.93 0.00 N	59.22 -2.53 0.00 N	50.57 -2.54 0.00 N	53.63 -2.42 0.00 N	48.30 -2.35 0.00 N	40.01 -1.61 0.00 N