

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

07/21/2003

Name PTID CAPITL 61757	00:00 EDT 49.80 4.21 0.00 N	01:00 EDT 49.00 3.85 0.00 N	02:00 EDT 61.50 4.93 0.00 N	03:00 EDT 39.37 3.29 0.00 N	04:00 EDT 57.80 4.74 0.00 N	05:00 EDT 40.34 3.38 0.00 N	06:00 EDT 38.86 2.71 0.00 N	07:00 EDT 38.95 2.34 0.00 N	08:00 EDT 42.69 2.64 0.00 N	09:00 EDT 56.40 3.67 0.00 N	10:00 EDT 54.46 3.01 0.00 N	11:00 EDT 60.28 3.13 0.00 N	12:00 EDT 59.38 2.88 0.00 N	13:00 EDT 64.74 3.20 0.00 N	14:00 EDT 77.70 2.40 -28.01 N	15:00 EDT 88.80 1.85 -44.50 N	16:00 EDT 83.76 2.97 -1.69 N	17:00 EDT 59.82 1.94 -1.28 N	18:00 EDT 49.53 2.12 -0.02 N	19:00 EDT 45.55 1.58 -9.63 N	20:00 EDT 26.83 0.62 -12.98 N	21:00 EDT 30.64 1.03 -3.15 N	22:00 EDT 59.43 2.69 -0.20 N	23:00 EDT 62.40 3.94 0.00 N
CENTRL 61754	43.90 -1.69 0.00 N	43.40 -1.74 0.00 N	54.34 -2.23 0.00 N	34.67 -1.40 0.00 N	50.98 -2.08 0.00 N	35.57 -1.39 0.00 N	34.95 -1.20 0.00 N	35.47 -1.13 0.00 N	38.97 -1.07 0.00 N	51.39 -1.33 0.00 N	50.20 -1.24 0.00 N	55.68 -1.47 0.00 N	55.02 -1.48 0.00 N	59.97 -1.57 -2.69 N	48.81 -1.16 -4.26 N	45.71 -1.00 -0.16 N	77.56 -1.70 -0.16 N	55.56 -1.23 -0.20 N	46.36 -1.03 0.00 N	34.43 -0.79 -0.87 N	14.29 -0.22 -1.28 N	26.28 -0.42 -0.25 N	55.20 -1.36 -0.02 N	56.88 -1.57 0.00 N
DUNWOD 61760	48.37 2.79 0.00 N	48.04 2.89 0.00 N	60.00 3.44 0.00 N	38.21 2.13 0.00 N	56.14 3.09 0.00 N	39.23 2.27 0.00 N	38.76 2.61 0.00 N	39.85 3.25 0.00 N	43.91 3.86 0.00 N	57.53 4.81 0.00 N	56.37 4.93 0.00 N	62.93 5.78 0.00 N	62.71 6.21 0.00 N	68.45 6.92 0.00 N	74.38 5.48 -21.62 N	81.98 5.19 -34.34 N	90.23 9.83 -1.31 N	65.41 6.80 -2.01 N	65.90 5.38 -13.14 N	78.59 3.83 -40.42 N	102.22 1.31 -87.67 N	76.91 2.45 -48.01 N	61.18 4.49 -0.16 N	62.39 3.94 0.00 N
GENESE 61753	44.97 -0.61 0.00 N	44.26 -0.89 0.00 N	55.42 -1.15 0.00 N	35.40 -0.68 0.00 N	52.14 -0.91 0.00 N	36.37 -0.59 0.00 N	35.61 -0.54 0.00 N	35.67 -0.94 0.00 N	38.95 -1.09 0.00 N	51.89 -0.84 0.00 N	50.46 -0.98 0.00 N	55.78 -1.37 0.00 N	54.63 -1.87 0.00 N	59.30 -2.24 0.00 N	48.14 -1.85 -2.70 N	44.98 -1.75 -4.27 N	76.01 -3.25 -0.16 N	54.66 -2.14 -0.20 N	45.85 -1.53 0.00 N	34.03 -1.08 -0.77 N	14.00 -0.31 -1.08 N	26.13 -0.45 -0.13 N	55.58 -0.98 -0.02 N	58.09 -0.36 0.00 N
H Q 61844	34.08 0.07 0.11 N	44.82 -0.33 0.00 N	56.13 -0.43 0.00 N	35.79 -0.29 0.00 N	52.71 -0.34 0.00 N	28.87 -0.12 1.67 N	35.88 -0.27 0.00 N	36.04 -0.57 0.00 N	39.35 -0.70 0.00 N	51.97 -0.76 -1.09 N	53.29 -1.09 -2.26 N	56.52 -0.63 0.87 N	51.00 -1.33 0.00 N	51.00 -1.28 1.02 N	50.00 -1.42 3.23 N	48.00 -1.66 7.43 N	35.00 -1.71 24.32 N	20.00 -1.83 39.15 N	44.99 -1.10 8.75 N	45.00 -1.11 9.40 N	50.00 -1.20 3.20 N	50.01 -0.99 1.34 N	55.69 -0.85 0.00 N	57.86 -0.60 0.00 N
HUD VL 61758	47.37 1.78 0.00 N	46.98 1.83 0.00 N	58.71 2.14 0.00 N	37.36 1.28 0.00 N	54.90 1.84 0.00 N	38.34 1.38 0.00 N	37.72 1.57 0.00 N	38.71 2.11 0.00 N	42.60 2.55 0.00 N	55.88 3.15 0.00 N	54.69 3.24 0.00 N	61.02 3.87 0.00 N	60.98 4.48 0.00 N	66.65 5.11 0.00 N	72.77 4.10 -21.38 N	80.26 3.84 -33.96 N	87.75 7.37 -1.29 N	63.58 5.09 -1.89 N	51.80 3.98 -0.43 N	70.48 2.87 -33.27 N	75.79 1.01 -61.56 N	67.00 1.86 -38.68 N	60.21 3.52 -0.15 N	61.50 3.05 0.00 N
LONGIL 61762	56.22 3.79 -6.84 N	62.20 4.18 -12.88 N	65.67 5.08 -4.02 N	56.07 3.13 -16.86 N	60.21 4.42 -2.73 N	52.53 3.13 -12.44 N	50.56 3.50 -10.91 N	54.44 4.17 -13.66 N	59.59 4.67 -14.87 N	59.04 5.37 -0.94 N	57.37 5.29 -0.64 N	64.48 6.09 -1.24 N	66.05 6.55 -2.99 N	68.94 7.40 0.00 N	74.64 5.69 -21.66 N	82.22 5.36 -34.40 N	90.31 9.89 -1.33 N	68.54 7.02 -4.93 N	70.88 5.31 -18.19 N	93.60 3.55 -55.72 N	102.55 1.26 -88.07 N	76.75 2.29 -48.01 N	64.92 5.13 -3.25 N	74.32 5.22 -10.65 N
MHK VL 61756	46.66 1.07 0.00 N	46.03 0.89 0.00 N	57.71 1.15 0.00 N	36.87 0.79 0.00 N	54.17 1.11 0.00 N	37.71 0.75 0.00 N	36.81 0.66 0.00 N	37.21 0.60 0.00 N	40.78 0.73 0.00 N	53.74 1.01 0.00 N	52.36 0.91 0.00 N	58.07 0.92 0.00 N	57.34 0.84 0.00 N	62.50 0.96 0.00 N	48.57 0.75 -0.53 N	43.98 0.68 -0.84 N	80.55 1.42 -0.03 N	57.63 0.99 -0.05 N	48.39 1.01 0.00 N	35.40 0.74 -0.32 N	14.08 0.29 -0.56 N	27.27 0.56 -0.26 N	57.69 1.15 0.00 N	59.77 1.31 0.00 N
MILLWD 61759	47.60 2.02 0.00 N	47.26 2.11 0.00 N	59.04 2.48 0.00 N	37.60 1.53 0.00 N	55.26 2.20 0.00 N	38.60 1.64 0.00 N	38.12 1.97 0.00 N	39.18 2.58 0.00 N	43.15 3.10 0.00 N	56.55 3.83 0.00 N	55.43 3.98 0.00 N	61.88 4.73 0.00 N	61.66 5.16 0.00 N	67.31 5.77 0.00 N	73.27 4.61 -21.38 N	80.81 4.39 -33.97 N	88.77 8.38 -1.29 N	64.37 5.79 -1.99 N	64.89 4.38 -13.13 N	77.00 3.05 -39.60 N	100.82 1.10 -86.49 N	75.34 1.94 -46.94 N	60.13 3.44 -0.16 N	61.67 3.21 0.00 N
N.Y.C. 61761	57.66 3.66 -8.41 N	57.90 3.88 -8.88 N	65.62 4.68 -4.37 N	47.35 2.96 -8.31 N	62.29 4.31 -4.92 N	48.04 3.16 -7.91 N	52.08 3.56 -12.37 N	55.71 4.29 -14.81 N	50.75 5.01 -5.69 N	60.92 6.15 -2.04 N	58.77 6.22 -1.11 N	64.80 7.23 -0.42 N	65.15 7.61 -1.05 N	86.33 8.42 -16.37 N	105.69 6.62 -51.78 N	115.40 6.24 -66.71 N	123.49 11.76 -32.64 N	95.81 8.12 -31.09 N	84.02 6.26 -30.39 N	92.83 4.46 -54.03 N	110.24 1.55 -95.46 N	89.19 2.75 -59.99 N	77.20 4.96 -15.70 N	75.71 4.86 -12.41 N

NORTH 61755	45.72	45.11	56.50	36.04	53.08	36.92	36.05	36.14	39.49	52.23	51.09	56.74	55.76	60.65	46.22	41.03	77.16	55.36	46.54	33.62	12.83	26.15	55.94	58.20
	0.13	-0.04	-0.07	-0.03	0.02	-0.04	-0.10	-0.47	-0.55	-0.49	-0.35	-0.41	-0.74	-0.89	-0.77	-0.95	-1.91	-1.22	-0.84	-0.60	-0.23	-0.29	-0.60	-0.25
	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	0.29	0.47	0.02	0.02	0.00	0.12	0.17	0.02	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
NPX 61845	35.72	47.48	59.52	38.05	55.83	30.43	37.67	37.89	41.58	54.80	57.30	58.99	58.39	63.67	74.87	85.50	84.14	60.29	49.72	56.52	46.07	46.24	58.10	60.75
	1.71	2.33	2.95	1.97	2.78	1.44	1.52	1.29	1.53	2.07	2.92	1.84	1.89	2.13	1.77	2.02	3.49	2.25	2.13	1.54	0.55	0.53	1.38	2.30
	0.11	0.00	0.00	0.00	0.00	1.67	0.00	0.00	0.00	0.00	-2.26	0.00	0.00	0.00	-25.81	-41.02	-1.56	-1.44	-0.21	-20.63	-32.30	-19.25	-0.19	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
O H 61846	28.00	36.62	45.76	29.09	42.92	25.00	22.00	30.05	32.58	35.00	30.01	28.01	28.00	34.00	36.00	38.00	52.00	45.00	39.61	45.00	45.00	42.00	47.35	38.00
	-6.01	-8.53	-10.81	-6.98	-10.14	-3.99	-2.82	-6.56	-7.47	-6.86	-5.99	-6.30	-6.65	-7.09	-6.72	-6.85	-7.14	-6.28	-7.78	-7.49	-6.75	-5.76	-9.21	-7.50
	0.11	0.00	0.00	0.00	0.00	1.67	8.00	0.00	0.00	3.89	16.12	20.04	18.55	12.21	11.93	12.24	1.89	9.70	-0.01	3.02	2.65	4.58	-0.02	2.90
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
PJM 61847	16.08	25.00	11.59	11.52	12.52	25.00	19.49	34.24	37.39	49.17	55.01	54.17	53.76	58.44	49.51	47.99	76.26	54.77	45.43	35.00	16.06	26.89	54.84	55.43
	-5.46	-4.63	-4.71	-5.25	-3.16	-3.28	-2.30	-2.37	-2.66	-3.56	0.63	-2.98	-2.74	-3.10	-2.43	-1.84	-3.12	-2.17	-1.96	-1.39	-0.51	-0.75	-1.73	-3.02
	12.58	0.03	13.67	15.04	13.02	2.38	11.03	0.00	0.00	0.00	-2.26	0.00	0.00	0.00	-4.65	-7.38	-0.28	-0.34	-0.01	-2.05	-3.34	-1.18	-0.03	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
WEST 61752	40.86	40.77	50.96	32.42	47.84	33.24	33.12	33.64	36.48	47.86	47.32	52.68	51.96	56.30	46.52	44.33	73.12	52.94	44.21	33.00	13.89	25.46	53.05	54.04
	-4.73	-4.37	-5.60	-3.66	-5.22	-3.72	-3.03	-2.96	-3.56	-4.87	-4.13	-4.47	-4.54	-5.24	-4.16	-3.51	-6.18	-3.90	-3.17	-2.33	-0.74	-1.17	-3.51	-4.41
	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	-3.39	-5.38	-0.20	-0.25	0.00	-0.99	-1.40	-0.17	-0.02	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