

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/03/2003

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	25.59	23.02	20.61	20.51	21.09	26.85	40.52	42.21	43.78	43.96	45.92	44.51	43.77	43.75	43.70	43.55	43.57	43.61	43.84	47.13	43.68	41.17	37.58	32.02
61757	0.78	0.63	0.57	0.53	0.53	0.83	1.34	1.60	1.91	1.95	2.05	2.09	1.87	1.85	1.84	1.69	1.71	1.75	1.97	2.14	1.93	1.53	1.32	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	-0.38	-0.58
CENTRL	23.82	21.53	19.36	19.27	19.86	25.01	37.71	39.26	40.62	40.71	42.53	41.19	40.58	40.60	40.49	40.57	40.65	40.61	40.52	43.63	40.36	38.33	34.55	29.27
61754	-0.99	-0.86	-0.68	-0.71	-0.70	-1.01	-1.47	-1.35	-1.23	-1.26	-1.30	-1.20	-1.29	-1.27	-1.34	-1.25	-1.18	-1.22	-1.33	-1.34	-1.38	-1.30	-1.33	-0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.05	0.03	0.04	0.04	0.04	0.05	0.04	0.04	0.02	0.02	0.01	0.01	0.00	0.00
DUNWOD	26.46	23.67	21.14	21.02	21.55	27.53	41.66	43.57	45.30	45.76	47.96	46.52	45.78	45.51	45.69	45.24	45.24	45.51	45.58	48.88	45.48	42.64	41.32	36.47
61760	1.51	1.28	1.10	1.04	0.99	1.51	2.31	2.80	3.43	3.53	3.91	3.90	3.65	3.60	3.64	3.64	3.64	3.64	3.73	3.91	3.55	3.01	2.66	2.08
	-0.14	0.00	0.00	0.00	0.00	0.00	-0.17	-0.16	0.00	-0.21	-0.17	-0.20	-0.22	0.00	-0.18	0.27	0.27	0.00	0.02	0.02	-0.18	0.01	-2.78	-4.18
GENESE	24.55	22.14	20.01	19.91	20.64	25.76	38.33	39.48	40.90	41.27	43.18	41.91	41.20	41.20	41.10	40.92	40.88	40.78	40.56	43.65	40.39	38.22	34.33	29.35
61753	-0.26	-0.25	-0.03	-0.07	0.08	-0.26	-0.85	-1.13	-1.08	-0.98	-0.95	-0.63	-0.92	-0.91	-0.97	-1.16	-1.20	-1.29	-1.46	-1.49	-1.47	-1.52	-1.55	-0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.23	-0.25	-0.12	-0.21	-0.20	-0.20	-0.21	-0.21	-0.20	-0.15	-0.15	-0.11	-0.10	0.00	0.00
H Q	24.83	22.41	20.00	20.00	20.58	26.05	38.51	41.37	41.37	41.43	43.22	41.74	41.37	41.37	41.37	41.37	41.37	41.37	41.37	44.50	41.37	39.52	35.88	30.21
61844	0.02	0.02	-0.04	0.02	0.02	0.03	0.08	-0.20	-0.50	-0.59	-0.66	-0.68	-0.54	-0.54	-0.50	-0.50	-0.50	-0.50	-0.50	-0.49	-0.38	-0.12	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.75	-0.96	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
HUD VL	25.94	23.31	20.85	20.72	21.27	27.14	40.89	42.82	44.51	44.75	46.90	45.56	44.79	44.76	44.73	44.74	44.74	44.74	44.81	48.01	44.48	41.89	36.59	29.74
61758	1.13	0.92	0.81	0.74	0.71	1.12	1.71	2.21	2.64	2.74	3.03	3.14	2.88	2.85	2.86	2.87	2.87	2.87	2.96	3.04	2.75	2.27	2.01	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	1.30	1.96
LONGIL	29.89	24.17	21.61	21.48	29.90	40.76	42.21	44.84	50.86	51.83	53.01	51.84	51.23	51.01	51.21	51.80	50.86	50.93	51.00	53.93	51.78	51.68	47.12	42.72
61762	2.05	1.77	1.57	1.50	1.42	1.93	2.85	3.22	3.80	3.80	4.15	4.15	3.91	3.89	3.90	3.91	3.75	3.88	3.97	4.20	3.85	3.37	3.14	2.58
	-3.03	-0.01	0.00	0.00	-7.92	-12.81	-0.18	-1.01	-5.19	-6.01	-4.98	-5.27	-5.41	-5.21	-5.44	-6.02	-5.24	-5.18	-5.16	-4.74	-6.18	-8.67	-8.10	-9.93
MHK VL	24.92	22.44	20.07	20.02	20.61	26.17	39.60	40.96	42.20	42.34	44.12	42.76	42.11	42.16	42.20	42.09	42.14	42.12	42.15	45.34	42.00	39.82	35.94	30.26
61756	0.11	0.05	0.03	0.04	0.05	0.15	0.42	0.35	0.34	0.34	0.26	0.35	0.22	0.26	0.34	0.24	0.28	0.26	0.29	0.36	0.26	0.19	0.07	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
MILLWD	25.94	23.32	20.84	20.72	21.25	27.12	40.92	42.82	44.65	44.90	47.06	45.66	44.90	44.86	44.84	44.86	44.86	44.86	44.93	48.18	44.63	42.02	36.94	30.25
61759	1.13	0.93	0.80	0.74	0.69	1.10	1.74	2.21	2.78	2.88	3.18	3.24	2.99	2.95	2.97	2.99	2.99	2.99	3.08	3.21	2.90	2.40	2.10	1.61
	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	0.02	0.02	0.02	0.02	1.04	1.57
N.Y.C.	38.10	28.36	21.42	21.29	21.84	27.89	52.13	54.50	56.92	64.84	60.56	60.39	60.37	60.18	61.96	62.87	62.93	62.30	59.83	60.92	59.90	56.77	55.34	54.30
61761	1.81	1.60	1.38	1.31	1.28	1.87	2.76	3.31	3.94	4.04	4.42	4.43	4.16	4.13	4.14	4.21	4.20	4.14	4.25	4.48	4.06	3.47	3.09	2.45
	-11.48	-4.37	0.00	0.00	0.00	0.00	-10.19	-10.58	-11.11	-18.78	-12.26	-13.54	-14.30	-14.14	-15.95	-16.79	-16.86	-16.29	-13.71	-11.45	-14.09	-13.66	-16.37	-21.64
NORTH	24.72	22.34	19.82	19.90	20.48	25.95	39.16	40.01	40.98	40.99	42.71	41.19	40.95	41.05	41.07	41.07	41.10	41.07	41.06	44.17	41.02	39.24	35.67	30.06
61755	-0.09	-0.05	-0.22	-0.08	-0.08	-0.07	-0.02	-0.60	-0.89	-1.03	-1.17	-1.23	-0.96	-0.86	-0.80	-0.80	-0.77	-0.80	-0.81	-0.82	-0.73	-0.40	-0.21	-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
NPX	25.78	23.22	20.76	20.66	21.24	27.01	39.92	43.40	44.09	44.29	46.34	44.92	44.22	44.22	44.17	44.13	44.13	44.17	44.30	47.51	44.05	41.54	38.29	32.68
61845	0.97	0.83	0.72	0.68	0.68	0.99	1.49	1.83	2.22	2.27	2.46	2.50	2.31	2.31	2.30	2.26	2.26	2.30	2.43	2.52	2.30	1.90	1.65	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.75	-0.96	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	-0.76	-1.14

OH 61846	22.13	20.17	18.34	18.24	19.00	23.26	33.57	36.25	34.76	33.42	34.91	35.37	33.75	33.82	33.70	33.09	33.10	33.05	34.34	37.03	34.75	33.07	31.07	26.89
	-2.68	-2.22	-1.70	-1.74	-1.56	-2.76	-4.86	-5.32	-5.36	-5.34	-5.44	-5.30	-5.20	-5.20	-5.28	-5.44	-5.40	-5.49	-5.78	-6.21	-5.76	-5.43	-4.81	-3.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.75	-0.96	1.75	3.26	3.53	1.75	2.96	2.89	2.89	3.34	3.37	3.33	1.75	1.75	1.24	1.14	0.00	0.00
PJM 61847	21.29	18.01	16.48	15.99	17.99	22.53	33.10	36.98	36.67	36.00	37.56	37.29	36.00	36.00	35.99	35.65	35.52	35.46	36.79	40.00	36.80	33.96	27.86	19.99
	-3.50	-3.04	-2.61	-2.64	-2.57	-3.49	-5.33	-4.59	-4.19	-4.12	-4.26	-4.11	-4.19	-4.23	-4.19	-4.27	-4.40	-4.48	-4.27	-4.18	-4.38	-5.15	-4.92	-3.84
	0.02	1.34	0.95	1.35	0.00	0.00	0.75	-0.96	1.01	1.90	2.06	1.02	1.72	1.68	1.69	1.95	1.95	1.93	0.81	0.81	0.57	0.53	3.10	6.38
WEST 61752	22.06	20.09	18.23	18.13	18.93	23.28	34.40	35.40	35.04	33.83	35.26	35.68	34.10	34.18	34.05	33.45	33.41	33.40	34.69	37.43	35.06	33.14	31.04	26.96
	-2.75	-2.30	-1.81	-1.85	-1.63	-2.74	-4.78	-5.21	-5.16	-5.08	-5.24	-5.07	-4.99	-4.97	-5.06	-5.23	-5.24	-5.30	-5.53	-5.91	-5.52	-5.43	-4.84	-3.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67	3.11	3.38	1.67	2.82	2.76	2.76	3.19	3.22	3.17	1.65	1.65	1.17	1.07	0.00	0.00