

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/21/2009

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	24.66	21.38	19.54	19.20	20.38	26.96	34.10	40.33	41.21	40.86	40.65	39.32	37.88	37.90	36.66	36.10	35.64	34.46	34.40	38.59	41.65	31.93	29.17	28.86
61757	1.40	1.19	1.11	1.09	1.17	1.50	2.14	2.64	2.66	2.63	2.55	2.43	2.27	2.28	2.20	2.14	2.23	2.16	2.13	2.42	2.65	1.86	1.81	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	-0.07	-0.07	0.00	-0.07	-0.06	-0.06	-0.06	-0.07	-0.07	0.00	0.00	0.00	0.00
CENTRL	23.05	19.99	18.29	17.95	19.06	25.28	31.64	37.35	38.16	37.59	37.60	36.43	35.09	35.05	33.89	33.40	32.71	31.64	31.64	35.36	39.15	30.36	27.55	27.47
61754	-0.21	-0.20	-0.15	-0.16	-0.15	-0.18	-0.32	-0.34	-0.39	-0.57	-0.50	-0.41	-0.46	-0.57	-0.52	-0.51	-0.63	-0.61	-0.58	-0.76	0.16	0.30	0.19	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	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
DUNWOD	24.92	21.59	19.69	19.32	20.54	27.24	34.77	41.27	42.64	42.25	42.14	40.78	39.47	39.47	38.13	37.54	36.92	35.71	35.64	39.91	43.33	32.85	29.90	29.51
61760	1.65	1.39	1.25	1.21	1.33	1.78	2.81	3.58	4.09	4.04	4.04	3.90	3.87	3.85	3.68	3.59	3.53	3.42	3.38	3.76	4.33	3.16	2.71	2.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	-0.05	-0.05	0.00	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	0.00	0.36	0.18	0.00
GENESE	22.17	19.14	17.50	17.24	18.29	24.47	30.30	35.96	36.51	35.95	35.89	34.88	33.56	33.52	32.48	32.11	31.44	30.38	30.38	33.95	37.52	28.98	26.46	26.66
61753	-1.09	-1.05	-0.94	-0.87	-0.92	-0.99	-1.66	-1.73	-2.04	-2.21	-2.21	-1.95	-1.99	-2.10	-1.93	-1.80	-1.90	-1.87	-1.84	-2.17	-1.48	-1.08	-0.90	-0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	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
H Q	22.89	19.89	18.16	17.86	19.00	25.00	31.32	36.90	37.66	37.28	37.22	35.94	34.65	34.76	33.57	33.09	32.57	31.50	31.47	35.35	38.06	30.37	25.65	26.55
61844	-0.37	-0.30	-0.28	-0.25	-0.29	-0.38	-0.64	-0.79	-0.89	-0.88	-0.88	-0.88	-0.89	-0.85	-0.83	-0.81	-0.77	-0.74	-0.74	-0.76	-0.94	-0.75	-0.66	-0.60
	0.00	0.00	0.00	0.00	-0.08	0.08	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	-1.06	1.06	0.00
HUD VL	24.82	21.49	19.60	19.25	20.44	27.12	34.55	41.05	42.37	41.98	41.87	40.49	39.22	39.22	37.92	37.37	36.69	35.48	35.45	39.63	43.13	32.24	29.49	29.32
61758	1.56	1.29	1.16	1.14	1.23	1.65	2.59	3.35	3.82	3.78	3.77	3.61	3.63	3.60	3.47	3.42	3.30	3.19	3.19	3.47	4.13	2.98	2.52	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	-0.05	-0.05	0.00	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	0.00	0.80	0.39	0.00
LONGIL	25.48	22.33	20.21	19.74	21.03	28.19	44.83	47.30	45.44	47.26	48.34	48.23	47.16	47.06	47.11	46.25	46.79	46.61	46.15	53.53	68.45	48.82	45.30	38.45
61762	2.21	2.14	1.77	1.63	1.82	2.72	4.19	5.09	5.59	5.49	5.33	5.08	5.01	5.02	4.82	4.71	4.60	4.48	4.44	5.06	5.81	4.21	3.67	3.48
	0.00	0.00	0.00	0.00	0.00	0.00	-8.68	-4.52	-1.30	-3.61	-4.91	-6.32	-6.61	-6.42	-7.90	-7.63	-8.85	-9.89	-9.50	-12.36	-23.64	-14.55	-14.27	-7.83
MHK VL	23.47	20.46	18.70	18.29	19.40	25.79	32.70	38.71	39.55	39.04	39.09	37.79	36.33	36.37	35.16	34.62	34.01	32.79	32.79	36.73	40.17	30.99	28.02	27.75
61756	0.21	0.26	0.26	0.18	0.19	0.33	0.74	1.02	1.00	0.88	0.99	0.96	0.78	0.75	0.76	0.71	0.67	0.55	0.58	0.61	1.17	0.93	0.66	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	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
MILLWD	24.87	21.53	19.64	19.29	20.48	27.17	34.65	41.09	42.40	42.02	41.95	40.56	39.29	39.32	37.99	37.34	36.72	35.51	35.45	39.73	43.13	32.00	29.41	29.35
61759	1.61	1.33	1.20	1.18	1.27	1.71	2.68	3.39	3.85	3.82	3.85	3.68	3.70	3.70	3.54	3.39	3.33	3.22	3.19	3.57	4.13	2.98	2.54	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	-0.05	-0.05	0.00	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	0.00	1.04	0.50	0.00
N.Y.C.	25.20	21.79	19.88	19.51	20.71	27.47	35.12	41.65	43.04	47.67	48.44	51.18	51.25	48.19	46.29	47.17	47.31	46.05	43.30	46.50	49.15	48.34	40.62	29.63
61761	1.93	1.60	1.44	1.39	1.50	2.01	3.16	3.96	4.47	4.43	4.42	4.24	4.19	4.17	4.02	3.93	3.83	3.71	3.70	4.12	4.80	3.37	2.90	2.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-5.09	-5.92	-10.11	-11.51	-8.40	-7.87	-9.33	-10.14	-10.10	-7.39	-6.28	-5.35	-14.91	-10.36	-0.01
NORTH	22.43	19.55	17.83	17.55	18.58	24.60	30.81	36.30	37.01	36.59	36.46	35.13	33.87	34.05	32.85	32.38	31.97	30.95	30.95	34.88	37.44	28.74	26.24	25.98
61755	-0.84	-0.65	-0.61	-0.56	-0.63	-0.87	-1.15	-1.39	-1.54	-1.56	-1.64	-1.69	-1.67	-1.57	-1.55	-1.53	-1.37	-1.29	-1.26	-1.23	-1.56	-1.32	-1.12	-1.17
	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	24.73	21.41	19.54	19.20	20.46	26.91	34.23	40.22	41.29	41.00	40.84	39.50	38.23	38.25	36.96	36.40	35.80	34.68	34.62	38.77	42.00	33.34	28.27	28.89
61845	1.47	1.21	1.11	1.09	1.17	1.53	2.27	2.53	2.74	2.79	2.74	2.61	2.63	2.64	2.51	2.44	2.40	2.39	2.35	2.60	3.00	2.22	1.97	1.74
	0.00	0.00	0.00	0.00	-0.08	0.08	0.00	0.00	0.00	-0.06	0.00	-0.06	-0.06	0.00	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	0.00	-1.06	1.06	0.00

OH 61846	21.15	18.36	16.76	16.48	17.52	23.09	28.29	33.66	33.73	33.09	32.99	32.23	31.00	30.92	30.03	29.88	29.25	28.25	28.29	31.64	34.86	28.11	23.81	25.52
	-2.12	-1.84	-1.68	-1.63	-1.77	-2.29	-3.68	-4.03	-4.82	-5.07	-5.11	-4.60	-4.55	-4.70	-4.37	-4.03	-4.10	-4.00	-3.93	-4.48	-4.13	-3.01	-2.49	-1.63
	0.00	0.00	0.00	0.00	-0.08	0.08	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-1.06	1.06	0.00
PJM 61847	22.82	20.88	19.10	18.78	20.00	26.22	33.30	35.21	37.55	40.26	40.23	39.56	38.50	38.00	36.80	34.04	33.00	34.55	33.86	37.88	40.21	31.18	27.75	27.45
	-0.44	0.69	0.66	0.67	0.71	0.84	1.34	-2.49	-1.00	2.06	1.98	1.91	1.95	1.92	1.89	-0.58	-1.17	1.58	1.61	1.73	1.21	0.06	1.45	0.30
	0.00	0.00	0.00	0.00	-0.08	0.08	0.00	0.00	0.00	-0.04	-0.15	-0.82	-1.01	-0.46	-0.51	-0.72	-0.83	-0.73	-0.04	-0.04	0.00	-1.06	1.06	0.00
WEST 61752	21.73	18.84	17.22	16.93	17.94	23.78	29.34	34.87	35.08	34.35	34.14	33.30	32.03	31.99	31.03	30.89	30.21	29.22	29.22	32.76	36.19	28.08	25.61	26.23
	-1.54	-1.35	-1.22	-1.18	-1.27	-1.68	-2.62	-2.83	-3.47	-3.82	-3.96	-3.54	-3.52	-3.63	-3.37	-3.02	-3.13	-3.03	-3.00	-3.36	-2.81	-1.98	-1.75	-0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	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