

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/03/2009

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	24.35	23.09	22.32	21.79	22.38	23.73	39.50	39.10	41.16	42.81	45.23	43.62	43.23	42.05	38.49	36.79	40.90	39.82	37.58	46.26	46.17	37.08	30.85	32.03
61757	1.15	1.30	1.16	1.14	1.28	1.28	1.88	1.54	1.51	1.55	1.56	1.53	1.59	1.84	1.37	1.31	0.98	1.24	1.02	1.04	1.51	1.18	1.30	1.47
	-2.98	-0.07	-0.02	0.00	-0.07	0.00	0.00	-10.49	-12.14	-11.52	-13.75	-12.16	-11.68	-4.22	-0.07	0.00	-18.04	-10.93	-16.16	-24.33	-13.31	-10.85	-0.07	0.00
CENTRL	20.36	22.02	21.44	20.99	21.35	22.83	38.41	28.50	29.25	31.40	32.21	32.05	31.94	37.29	37.54	35.97	24.15	29.05	22.12	23.59	33.34	26.46	29.72	30.81
61754	-0.22	0.30	0.30	0.33	0.32	0.38	0.79	0.16	0.28	0.30	0.66	0.69	0.57	0.79	0.48	0.50	0.18	0.14	-0.16	-0.13	0.44	0.15	0.24	0.24
	-0.36	-0.01	0.00	0.00	-0.01	0.00	0.00	-1.27	-1.46	-1.36	-1.62	-1.44	-1.41	-0.51	-0.01	0.00	-2.09	-1.27	-1.88	-2.82	-1.55	-1.26	-0.01	0.00
DUNWOD	24.04	23.42	22.78	22.16	22.68	24.13	40.59	37.86	39.76	41.86	43.68	42.29	42.16	43.14	40.71	38.89	37.94	39.05	34.92	41.87	44.97	36.12	32.36	33.29
61760	1.50	1.65	1.63	1.51	1.60	1.68	2.97	2.60	2.78	3.12	3.11	3.08	3.24	3.92	3.74	3.58	2.43	3.01	2.10	2.30	3.39	2.73	2.83	2.72
	-2.32	-0.06	-0.02	0.00	-0.06	0.00	0.00	-8.19	-9.47	-8.99	-10.64	-9.28	-8.96	-3.22	0.08	0.17	-13.63	-8.40	-12.41	-18.69	-10.22	-8.34	-0.05	0.00
GENESE	19.07	21.17	20.61	20.24	20.59	22.18	37.40	26.84	27.44	29.53	30.65	30.52	30.40	35.83	36.09	34.55	22.69	27.55	20.53	21.84	32.18	25.29	28.63	29.74
61753	-1.42	-0.54	-0.53	-0.41	-0.44	-0.27	-0.23	-1.16	-1.16	-1.22	-0.48	-0.48	-0.60	-0.54	-0.96	-0.92	-0.77	-1.05	-1.29	-1.17	-0.34	-0.70	-0.85	-0.83
	-0.27	-0.01	0.00	0.00	-0.01	0.00	0.00	-0.94	-1.08	-1.01	-1.21	-1.07	-1.04	-0.38	-0.01	0.00	-1.57	-0.95	-1.41	-2.12	-1.16	-0.95	-0.01	0.00
H Q	20.00	21.17	20.63	20.18	20.48	22.25	36.41	26.50	26.88	29.00	29.00	29.00	29.00	34.80	36.16	34.59	21.29	26.95	20.00	20.43	29.00	25.65	28.68	29.77
61844	-0.22	-0.54	-0.51	-0.48	-0.55	-0.54	-0.87	-0.57	-0.63	-0.74	-0.93	-0.93	-0.96	-1.19	-0.89	-0.89	-0.59	-0.69	-0.41	-0.46	-1.00	-0.75	-0.80	-0.79
	0.00	0.00	0.00	0.00	0.00	-0.34	0.34	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	1.36	-1.36	0.00	0.00
HUD VL	23.84	23.31	22.68	22.08	22.59	24.02	40.44	37.55	39.23	41.32	43.72	43.20	42.70	43.28	41.45	39.86	39.10	38.58	34.46	41.20	44.39	35.67	32.28	33.04
61758	1.35	1.54	1.52	1.43	1.51	1.57	2.82	2.52	2.50	2.83	2.81	2.75	2.94	3.60	3.45	3.26	2.21	2.74	1.94	2.07	3.04	2.48	2.74	2.48
	-2.26	-0.06	-0.02	0.00	-0.06	0.00	0.00	-7.96	-9.22	-8.75	-10.98	-10.52	-9.80	-3.69	-0.96	-1.12	-15.01	-8.20	-12.12	-18.24	-9.98	-8.14	-0.05	0.00
LONGIL	24.73	31.00	24.50	22.89	23.43	29.23	46.00	46.00	44.92	42.92	48.33	48.23	43.18	46.93	45.00	41.08	45.00	41.10	37.25	49.17	52.77	48.19	33.31	34.26
61762	2.18	2.50	2.45	2.23	2.35	2.54	4.29	3.41	3.60	4.02	4.04	3.95	4.07	4.97	4.78	4.68	3.13	3.84	2.73	3.01	4.42	3.53	3.77	3.70
	-2.33	-6.79	-0.91	0.00	-0.06	-4.24	-4.09	-15.52	-13.81	-9.16	-14.36	-14.35	-9.15	-5.97	-3.18	-0.92	-19.99	-9.62	-14.11	-25.27	-16.99	-19.61	-0.05	0.00
MHK VL	20.82	22.18	21.52	21.05	21.41	22.92	38.64	28.85	29.60	31.78	32.30	32.16	31.97	37.19	37.72	36.11	23.86	28.97	22.12	23.49	33.24	26.42	29.96	31.05
61756	0.26	0.46	0.38	0.39	0.38	0.47	1.02	0.60	0.72	0.77	0.87	0.90	0.69	0.76	0.67	0.64	0.15	0.22	0.08	0.15	0.53	0.28	0.47	0.49
	-0.34	-0.01	0.00	0.00	-0.01	0.00	0.00	-1.19	-1.37	-1.26	-1.51	-1.33	-1.32	-0.45	-0.01	0.00	-1.82	-1.10	-1.63	-2.46	-1.34	-1.10	-0.01	0.00
MILLWD	23.99	23.38	22.72	22.10	22.64	24.09	40.52	37.81	39.66	41.81	43.65	42.25	42.10	43.05	40.66	38.81	37.97	39.00	34.90	41.90	44.98	36.07	32.22	33.10
61759	1.44	1.61	1.56	1.45	1.56	1.64	2.90	2.52	2.64	3.03	3.02	2.96	3.12	3.82	3.67	3.48	2.36	2.93	2.04	2.26	3.36	2.66	2.68	2.54
	-2.33	-0.06	-0.02	0.00	-0.06	0.00	0.00	-8.22	-9.51	-9.03	-10.70	-9.36	-9.03	-3.25	0.06	0.14	-13.72	-8.43	-12.46	-18.76	-10.26	-8.37	-0.05	0.00
N.Y.C.	24.25	23.64	23.00	22.35	22.87	24.33	40.82	38.16	40.04	45.05	47.89	48.24	46.41	48.21	44.66	43.67	46.88	46.75	40.29	46.24	49.29	40.69	32.61	33.58
61761	1.70	1.87	1.84	1.69	1.79	1.89	3.20	2.90	3.03	3.39	3.38	3.35	3.48	4.25	4.04	3.83	2.60	3.23	2.31	2.49	3.64	2.91	3.07	3.00
	-2.33	-0.06	-0.02	0.00	-0.06	0.00	0.00	-8.19	-9.51	-11.91	-14.58	-14.96	-12.98	-7.97	-3.58	-4.37	-22.39	-15.87	-17.57	-22.87	-14.29	-12.74	-0.06	-0.02
NORTH	19.90	20.73	20.29	19.87	20.08	21.55	36.34	26.34	26.63	28.64	28.52	28.49	34.08	35.64	34.05	34.05	20.83	26.45	19.69	20.18	29.82	23.77	28.27	29.16
61755	-0.32	-0.98	-0.85	-0.78	-0.95	-0.90	-1.28	-0.73	-0.88	-1.10	-1.41	-1.41	-1.47	-1.91	-1.41	-1.42	-1.05	-1.19	-0.71	-0.71	-1.54	-1.28	-1.21	-1.41
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	24.24	23.21	22.53	21.96	22.54	24.23	39.46	38.54	40.51	42.34	44.50	43.00	42.75	42.38	39.26	37.53	39.60	39.33	36.42	44.24	44.05	37.95	31.49	32.52
61845	1.31	1.43	1.37	1.30	1.45	1.44	2.18	1.95	1.98	2.14	2.09	2.04	2.19	2.56	2.15	2.06	1.49	1.85	1.47	1.46	2.07	1.78	1.95	1.96
	-2.70	-0.07	-0.02	0.00	-0.07	-0.34	0.34	-9.52	-11.02	-10.45	-12.48	-11.04	-10.60	-3.83	-0.07	0.00	-16.23	-9.84	-14.54	-21.89	-10.62	-11.12	-0.06	0.00

OH 61846	18.19	20.55	20.00	19.68	19.96	21.74	35.40	25.25	25.87	27.80	29.21	29.02	28.97	33.96	34.13	32.71	21.92	26.39	19.62	20.97	29.52	25.84	27.54	28.52
	-2.35	-1.17	-1.14	-0.97	-1.07	-1.06	-1.88	-2.92	-2.92	-3.12	-2.12	-2.15	-2.22	-2.48	-2.93	-2.77	-1.82	-2.38	-2.45	-2.42	-1.85	-1.68	-1.95	-2.05
	-0.31	-0.01	0.00	0.00	-0.01	-0.34	0.34	-1.10	-1.28	-1.18	-1.41	-1.25	-1.23	-0.45	-0.01	0.00	-1.86	-1.13	-1.66	-2.51	-0.01	-2.47	-0.01	0.00
PJM 61847	29.46	22.88	22.27	21.75	22.18	32.84	43.11	46.56	44.92	44.76	40.67	41.43	37.69	41.86	41.13	35.00	34.07	36.47	36.88	44.50	43.90	41.13	33.78	31.95
	-0.67	1.13	1.12	1.09	1.11	1.08	1.96	1.46	1.57	-0.42	2.04	1.98	-0.75	2.52	2.26	-0.50	-0.68	1.74	1.08	1.21	0.75	1.68	1.74	1.65
	-9.90	-0.04	-0.01	0.00	-0.04	-9.31	-3.53	-18.03	-15.84	-15.43	-8.71	-9.52	-8.48	-3.35	-1.82	-0.02	-12.87	-7.09	-15.39	-22.40	-11.79	-14.40	-2.56	0.27
WEST 61752	18.80	21.11	20.55	20.26	20.51	21.98	27.97	23.00	23.25	24.00	23.70	23.88	23.39	23.36	23.26	23.17	23.05	23.00	20.73	22.16	23.41	22.08	19.00	18.98
	-1.78	-0.61	-0.59	-0.39	-0.53	-0.47	-0.71	-1.73	-1.62	-1.75	-0.78	-0.81	-0.90	-0.94	-1.41	-1.28	-0.94	-1.30	-1.57	-1.57	-0.50	-0.75	-1.03	-1.10
	-0.35	-0.01	0.00	0.00	-0.01	0.00	8.94	2.34	2.63	3.99	5.45	5.24	5.67	11.69	12.38	11.02	-2.11	3.34	-1.89	-2.84	7.44	2.22	9.45	10.49