

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/11/2009

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	29.70	24.44	22.61	21.15	20.94	20.18	22.41	26.32	31.40	37.87	34.58	36.15	38.10	41.59	40.28	41.71	38.80	40.55	38.46	35.60	37.46	34.04	31.54	32.94
61757	1.92	1.51	1.44	1.36	1.37	1.30	1.23	1.27	1.39	1.54	1.86	1.86	1.74	1.60	1.53	1.39	1.46	1.53	1.41	1.49	1.60	1.87	1.73	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	-4.33	-5.55	-7.63	-9.85	0.00	-1.56	-3.61	-7.30	-6.13	-9.32	-5.68	-6.36	-6.42	-2.51	-4.99	0.00	0.00	0.00
CENTRL	28.03	23.16	21.34	19.86	19.65	19.07	17.42	20.17	23.15	27.45	32.65	32.63	32.84	33.00	32.72	31.51	31.68	32.83	30.85	31.32	30.97	31.75	29.58	30.95
61754	0.25	0.23	0.17	0.08	0.08	0.19	0.07	0.14	0.02	0.00	-0.07	-0.26	-0.33	-0.52	-0.59	-0.53	-0.57	-0.52	-0.49	-0.57	-0.46	-0.42	-0.24	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.54	-0.74	-0.95	0.00	-0.18	-0.41	-0.84	-0.69	-1.04	-0.58	-0.70	-0.71	-0.28	-0.56	0.00	0.00	0.00
DUNWOD	30.42	24.99	23.03	21.40	21.20	20.45	21.56	25.28	30.19	36.47	36.35	37.80	39.46	42.29	43.01	43.24	47.83	44.10	41.71	37.40	38.39	35.87	33.24	34.37
61760	2.64	2.06	1.86	1.62	1.62	1.57	1.42	1.70	2.19	2.73	3.63	3.89	3.96	4.05	4.08	3.87	3.96	4.11	3.86	3.89	3.73	3.70	3.43	3.24
	0.00	0.00	0.00	0.00	0.00	0.00	-3.29	-4.09	-5.62	-7.25	0.00	-1.19	-2.75	-5.55	-6.32	-8.38	-12.20	-7.34	-7.23	-1.91	-3.79	0.00	0.00	0.00
GENESE	26.64	22.17	20.41	18.99	18.75	18.28	16.47	19.07	21.89	25.89	31.05	30.96	30.97	30.65	30.16	28.27	28.96	29.81	27.89	28.90	28.16	29.50	27.70	29.23
61753	-1.14	-0.76	-0.76	-0.79	-0.82	-0.60	-0.76	-0.84	-1.05	-1.32	-1.67	-1.90	-2.10	-2.55	-2.61	-2.51	-2.60	-2.71	-2.60	-2.65	-2.59	-2.61	-2.12	-1.90
	0.00	0.00	0.00	0.00	0.00	0.00	-0.38	-0.41	-0.56	-0.72	0.00	-0.14	-0.32	-0.51	-0.15	0.21	0.11	0.13	0.13	0.05	0.11	0.07	0.00	0.00
H Q	27.11	22.35	20.66	19.33	19.12	18.43	16.48	19.09	21.96	26.01	32.03	32.03	32.03	32.03	32.03	30.40	31.10	32.03	30.05	31.07	30.31	31.56	29.29	30.34
61844	-0.67	-0.57	-0.51	-0.45	-0.45	-0.45	-0.37	-0.41	-0.43	-0.48	-0.69	-0.69	-0.72	-0.65	-0.59	-0.59	-0.57	-0.62	-0.58	-0.54	-0.56	-0.61	-0.63	-0.68
	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	-0.10	0.10
HUD VL	30.25	24.85	22.93	21.32	21.12	20.37	21.49	25.15	30.02	36.23	36.05	37.50	39.20	42.02	42.30	42.66	45.51	43.20	40.83	37.14	38.13	35.65	33.03	34.18
61758	2.47	1.93	1.76	1.54	1.55	1.49	1.35	1.56	2.01	2.49	3.34	3.60	3.70	3.79	3.82	3.66	3.74	3.89	3.61	3.63	3.49	3.47	3.22	3.05
	0.00	0.00	0.00	0.00	0.00	0.00	-3.29	-4.09	-5.62	-7.25	0.00	-1.19	-2.74	-5.54	-5.86	-8.01	-10.10	-6.66	-6.59	-1.90	-3.78	0.00	0.00	0.00
LONGIL	31.17	25.54	23.54	21.82	21.57	20.79	21.83	25.71	31.10	42.43	45.11	44.76	48.20	50.15	50.78	50.19	50.96	50.95	45.03	44.25	43.95	50.70	43.88	36.58
61762	3.39	2.61	2.37	2.04	2.00	1.91	1.69	2.13	3.09	3.81	5.01	5.23	5.31	5.39	5.41	5.14	5.26	5.45	5.11	5.15	4.97	4.95	4.50	4.39
	0.00	0.00	0.00	0.00	0.00	0.00	-3.30	-4.09	-5.63	-12.12	-7.39	-6.80	-10.14	-12.08	-12.75	-14.06	-14.03	-12.84	-9.29	-7.50	-8.11	-13.57	-9.56	-1.06
MHK VL	28.42	23.36	21.55	20.12	19.90	19.20	17.68	20.47	23.74	28.18	33.57	33.56	33.81	34.12	33.86	32.52	33.25	34.16	32.03	32.40	32.01	32.85	30.41	31.66
61756	0.64	0.44	0.38	0.34	0.33	0.32	0.30	0.39	0.56	0.66	0.85	0.65	0.62	0.56	0.46	0.40	0.51	0.65	0.55	0.51	0.56	0.68	0.60	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-0.58	-0.80	-1.03	0.00	-0.19	-0.44	-0.88	-0.78	-1.13	-1.07	-0.85	-0.85	-0.28	-0.59	0.00	0.00	0.00
MILLWD	30.28	24.87	22.93	21.32	21.12	20.37	21.51	25.21	30.12	36.36	36.19	37.61	39.31	42.13	42.90	43.17	47.60	43.98	41.57	37.26	38.29	35.74	33.12	34.31
61759	2.50	1.95	1.76	1.54	1.55	1.49	1.35	1.60	2.08	2.57	3.47	3.70	3.80	3.86	3.98	3.78	3.90	4.02	3.74	3.73	3.61	3.57	3.31	3.18
	0.00	0.00	0.00	0.00	0.00	0.00	-3.31	-4.12	-5.66	-7.30	0.00	-1.20	-2.77	-5.59	-6.31	-8.40	-12.04	-7.31	-7.20	-1.92	-3.81	0.00	0.00	0.00
N.Y.C.	30.73	25.20	23.23	21.56	21.35	20.56	21.65	25.36	30.31	36.63	36.64	38.10	39.80	42.62	43.35	43.56	48.15	44.40	42.00	37.63	38.68	43.58	33.57	34.69
61761	2.94	2.27	2.05	1.78	1.78	1.68	1.50	1.77	2.31	2.89	3.93	4.19	4.29	4.38	4.40	4.18	4.28	4.41	4.13	4.11	4.01	3.96	3.76	3.55
	0.00	0.00	0.00	0.00	0.00	0.00	-3.30	-4.09	-5.62	-7.25	0.00	-1.19	-2.76	-5.56	-6.33	-8.39	-12.21	-7.34	-7.24	-1.92	-3.80	-7.45	0.00	0.00
NORTH	26.64	21.94	20.28	18.99	18.79	18.09	16.16	18.72	21.67	25.67	31.64	31.67	31.41	31.41	31.44	29.81	30.53	31.47	29.56	30.63	29.85	31.08	28.68	29.79
61755	-1.14	-0.99	-0.89	-0.79	-0.78	-0.79	-0.69	-0.78	-0.72	-0.82	-1.08	-1.05	-1.34	-1.27	-1.17	-1.18	-1.14	-1.18	-1.07	-0.98	-1.02	-1.09	-1.13	-1.34
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	29.70	24.48	22.65	21.20	21.00	20.22	22.00	25.78	30.79	37.17	35.11	36.64	38.48	41.65	41.18	42.12	42.12	41.75	39.57	36.23	37.65	34.59	32.18	33.27
61845	1.92	1.56	1.48	1.42	1.43	1.34	1.26	1.33	1.59	1.88	2.39	2.52	2.49	2.42	2.41	2.26	2.28	2.42	2.27	2.37	2.31	2.41	2.27	2.24
	0.00	0.00	0.00	0.00	0.00	0.00	-3.89	-4.96	-6.82	-8.80	0.00	-1.40	-3.24	-6.55	-6.15	-8.87	-8.17	-6.68	-6.68	-2.25	-4.47	0.00	-0.10	0.10

OH 61846	24.95	21.00	19.37	18.00	17.75	17.41	15.59	17.99	20.38	24.00	28.40	28.20	28.18	28.01	27.50	25.85	26.50	27.37	25.70	26.50	25.91	26.89	25.54	27.17
	-2.83	-1.93	-1.80	-1.78	-1.82	-1.47	-1.70	-1.99	-2.66	-3.34	-4.32	-4.68	-4.95	-5.29	-5.35	-5.05	-5.13	-5.22	-4.87	-5.09	-4.91	-5.21	-4.38	-3.86
	0.00	0.00	0.00	0.00	0.00	0.00	-0.45	-0.48	-0.66	-0.85	0.00	-0.16	-0.37	-0.62	-0.23	0.09	0.04	0.06	0.06	0.02	0.04	0.07	-0.10	0.10
PJM 61847	27.36	24.07	21.02	20.45	20.28	19.67	19.75	22.92	27.19	32.58	32.49	35.20	36.34	38.09	38.31	37.95	40.60	38.95	36.76	34.38	33.33	33.51	27.98	32.52
	-0.42	1.15	-0.15	0.67	0.70	0.79	0.64	0.68	1.03	1.22	-0.23	1.67	1.70	1.63	1.63	1.58	1.58	1.70	1.59	1.52	-0.15	1.35	-1.94	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	-2.25	-2.75	-3.77	-4.87	0.00	-0.81	-1.88	-3.77	-4.06	-5.38	-7.34	-4.60	-4.54	-1.25	-2.62	0.01	-0.10	0.10
WEST 61752	25.73	21.55	19.81	18.40	18.14	17.80	16.05	18.58	21.16	24.96	29.48	29.27	29.21	29.06	28.52	26.92	27.46	28.42	26.67	27.41	26.85	27.83	26.33	28.05
	-2.06	-1.38	-1.35	-1.38	-1.43	-1.08	-1.30	-1.46	-1.97	-2.49	-3.24	-3.63	-3.96	-4.35	-4.44	-4.18	-4.28	-4.31	-4.04	-4.24	-4.07	-4.28	-3.49	-3.08
	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.54	-0.74	-0.96	0.00	-0.18	-0.42	-0.73	-0.34	-0.12	-0.07	-0.08	-0.08	-0.04	-0.06	0.07	0.00	0.00