

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/23/2009

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	29.78	28.55	27.06	24.67	25.49	27.92	28.66	33.34	37.11	41.57	44.46	45.62	43.68	34.07	30.00	28.74	30.00	28.17	29.49	31.85	35.11	39.69	36.89	36.24
61757	1.63	1.46	1.43	1.37	1.44	1.61	1.50	1.95	2.24	2.42	2.67	2.35	2.16	1.50	1.16	1.16	1.07	1.10	1.04	1.05	1.36	1.52	1.82	1.62
	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	0.00	-0.47	-1.35	0.00	-4.74	-1.62	-3.21	-4.09	-3.46	-7.52	-4.63	-7.17	-9.77	-6.51	-11.10	-4.17	-6.60
CENTRL	28.65	27.50	26.03	23.67	24.39	26.69	27.42	32.34	35.25	38.82	42.75	39.76	40.59	29.71	25.02	24.51	22.13	22.90	22.15	22.23	28.25	28.74	31.90	28.93
61754	0.51	0.41	0.41	0.37	0.34	0.37	0.62	0.94	0.79	0.87	0.96	0.73	0.68	0.29	0.25	0.39	0.30	0.34	0.32	0.29	0.38	0.43	0.53	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	-0.05	-0.15	0.00	-0.50	0.00	-0.05	-0.03	0.00	-0.42	-0.13	-0.55	-0.91	-0.63	-1.23	-0.47	-0.75
DUNWOD	31.41	30.07	28.31	25.58	26.48	29.08	30.09	35.04	38.89	43.36	46.93	52.44	56.34	68.29	82.14	83.38	88.74	83.32	65.07	58.34	50.69	43.65	37.93	36.36
61760	3.27	2.98	2.69	2.28	2.43	2.76	3.02	3.64	4.13	4.54	5.14	4.93	5.15	3.91	3.22	3.23	2.85	2.98	2.87	2.84	3.68	3.52	3.86	3.33
	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	0.00	-0.35	-1.03	0.00	-8.98	-11.28	-35.02	-54.18	-56.03	-64.49	-57.90	-40.93	-34.48	-19.78	-13.05	-3.17	-5.02
GENESE	27.33	26.33	25.06	22.87	23.38	25.48	26.37	31.30	33.62	37.08	40.83	37.72	38.51	28.20	23.75	23.59	21.15	21.90	21.08	21.07	26.77	27.27	30.52	27.27
61753	-0.82	-0.76	-0.56	-0.42	-0.67	-0.84	-0.43	-0.09	-0.83	-0.83	-0.96	-1.19	-1.40	-1.20	-1.01	-0.53	-0.58	-0.63	-0.62	-0.65	-0.95	-0.76	-0.74	-1.32
	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-0.04	-0.12	0.00	-0.38	0.00	-0.04	-0.02	0.00	-0.32	-0.10	-0.43	-0.70	-0.49	-0.94	-0.36	-0.58
H Q	27.04	26.54	24.88	22.64	23.40	25.58	27.17	29.00	33.24	36.55	40.36	37.26	31.72	23.72	20.22	23.22	20.61	20.98	21.14	20.27	26.28	26.11	29.76	27.17
61844	-0.90	-0.76	-0.74	-0.65	-0.65	-0.74	-0.86	-1.13	-1.17	-1.25	-1.42	-1.27	-1.28	-0.94	-0.77	-0.89	-0.79	-0.81	-0.79	-0.76	-0.95	-0.97	-1.14	-0.84
	0.20	-0.20	0.00	0.00	0.00	0.00	-1.26	1.26	0.00	0.00	0.01	0.00	6.91	4.70	3.75	0.01	0.00	0.65	-0.65	0.00	0.00	0.00	0.00	0.00
HUD VL	31.19	29.85	28.11	25.39	26.26	28.87	29.82	34.76	38.65	43.10	46.68	50.89	53.43	59.67	68.78	69.47	73.47	69.18	55.76	51.19	46.66	42.20	37.76	36.12
61758	3.04	2.76	2.49	2.10	2.21	2.55	2.76	3.36	3.89	4.27	4.89	4.78	5.03	3.88	3.22	3.18	2.85	2.96	2.79	2.73	3.51	3.30	3.71	3.11
	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	0.00	-0.35	-1.03	0.00	-7.58	-8.49	-26.44	-40.82	-42.16	-49.21	-43.78	-31.70	-27.43	-15.91	-11.82	-3.16	-5.00
LONGIL	32.46	31.37	29.39	26.48	27.35	30.13	31.37	36.36	40.78	44.77	48.39	53.95	57.54	69.21	82.80	83.88	89.25	83.99	65.64	58.88	51.87	49.54	46.20	42.36
61762	4.31	4.28	3.77	3.19	3.29	3.82	4.31	4.96	5.57	5.93	6.60	6.43	6.35	4.82	3.86	3.71	3.34	3.63	3.42	3.36	4.85	4.68	5.19	4.48
	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-0.01	-0.79	-1.04	0.00	-8.98	-11.29	-35.03	-54.20	-56.04	-64.50	-57.92	-40.94	-34.49	-19.79	-17.77	-10.11	-9.87
MHK VL	29.11	27.90	26.37	23.90	24.70	27.13	27.74	32.68	35.97	39.61	43.71	40.89	39.84	30.67	27.18	27.90	25.80	26.34	24.50	24.08	29.65	29.58	32.51	29.70
61756	0.96	0.81	0.74	0.61	0.65	0.82	0.94	1.29	1.51	1.66	1.92	1.58	1.68	1.00	0.79	0.77	0.66	0.72	0.68	0.63	0.95	1.03	1.14	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-0.05	-0.15	0.00	-0.78	1.75	-0.31	-1.65	-3.01	-3.73	-3.19	-2.55	-2.42	-1.46	-1.47	-0.47	-0.74
MILLWD	31.24	29.91	28.16	25.44	26.33	28.92	29.90	34.85	38.69	43.14	46.68	52.09	55.93	67.33	80.71	81.88	87.11	81.80	64.04	57.58	50.21	43.47	37.86	36.26
61759	3.10	2.82	2.54	2.14	2.28	2.61	2.84	3.45	3.92	4.31	4.89	4.70	5.03	3.85	3.19	3.18	2.80	2.94	2.79	2.78	3.57	3.41	3.77	3.19
	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	0.00	-0.36	-1.04	0.00	-8.86	-10.99	-34.12	-52.78	-54.57	-62.90	-56.42	-39.98	-33.78	-19.41	-12.98	-3.19	-5.05
N.Y.C.	38.94	30.37	28.60	25.84	26.75	29.37	30.46	35.34	42.29	50.50	52.94	55.16	64.29	69.25	82.31	83.53	88.88	83.46	66.51	60.38	53.95	48.88	38.31	40.53
61761	3.52	3.28	2.97	2.54	2.69	3.05	3.29	3.92	4.44	4.88	5.52	5.28	5.51	4.17	3.37	3.35	2.95	3.10	3.04	3.03	3.95	3.79	4.23	3.61
	-7.27	0.00	0.00	0.00	0.00	0.00	-0.41	-0.01	-3.45	-7.83	-5.63	-11.35	-18.87	-35.72	-54.21	-56.05	-64.52	-57.93	-42.20	-36.33	-22.76	-18.01	-3.18	-8.91
NORTH	26.37	25.49	24.06	21.90	22.65	24.82	25.26	29.95	33.10	36.43	40.00	36.95	13.00	11.00	10.00	22.55	20.01	21.00	19.93	19.78	25.79	25.48	28.98	26.41
61755	-1.77	-1.60	-1.56	-1.40	-1.39	-1.50	-1.50	-1.44	-1.31	-1.36	-1.76	-1.58	-1.72	-1.23	-1.06	-1.57	-1.39	-1.44	-1.34	-1.24	-1.44	-1.60	-1.92	-1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	25.19	17.13	13.68	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	30.00	29.19	27.47	24.97	25.83	28.27	29.89	32.82	37.54	41.88	44.88	47.85	47.71	46.88	49.88	49.91	49.96	48.87	43.82	41.95	40.96	40.78	36.95	35.94
61845	2.05	1.90	1.84	1.68	1.78	1.95	1.87	2.32	2.72	2.87	3.09	2.97	2.95	2.23	1.73	1.74	1.52	1.59	1.55	1.56	2.07	1.95	2.32	2.02
	0.20	-0.20	0.00	0.00	0.00	0.00	-1.25	0.90	-0.42	-1.21	0.00	-6.35	-4.84	-15.29	-23.41	-24.05	-27.03	-24.84	-20.99	-19.37	-11.65	-11.75	-3.73	-5.91

OH 61846	25.78	25.37	24.11	22.03	22.27	24.16	25.96	28.93	30.98	34.12	37.27	34.28	34.88	25.82	21.90	22.02	20.01	19.97	20.66	20.00	24.97	25.54	28.67	25.50
	-2.17	-1.92	-1.51	-1.26	-1.78	-2.16	-1.74	-1.57	-3.48	-3.82	-4.51	-4.70	-5.03	-3.58	-2.87	-2.10	-1.78	-1.93	-1.77	-1.85	-2.83	-2.65	-2.66	-3.19
	0.20	-0.20	0.00	0.00	0.00	0.00	-0.94	0.90	-0.05	-0.14	0.00	-0.45	0.00	-0.05	-0.03	0.00	-0.38	0.53	-1.15	-0.83	-0.57	-1.11	-0.43	-0.68
PJM 61847	29.33	29.22	27.37	24.76	25.61	28.06	29.85	33.10	37.63	42.07	44.90	47.44	50.53	52.96	59.26	59.68	62.27	58.64	49.19	44.60	42.05	38.03	35.55	34.02
	0.39	1.92	1.74	1.47	1.56	1.74	1.95	2.61	2.55	2.61	2.97	2.70	2.79	2.03	1.58	1.54	1.52	1.59	1.60	1.64	2.15	2.06	2.38	1.88
	-0.79	-0.20	0.00	0.00	0.00	0.00	-1.13	0.90	-0.68	-1.66	-0.14	-6.21	-7.83	-21.57	-32.93	-34.01	-39.34	-34.61	-26.32	-21.94	-12.66	-8.89	-2.28	-4.13
WEST 61752	26.91	25.95	24.80	22.62	22.99	24.98	25.92	31.27	32.78	35.99	39.32	36.11	36.52	26.92	22.60	22.68	20.62	21.22	20.65	20.74	26.08	26.68	29.87	26.48
	-1.24	-1.14	-0.82	-0.68	-1.06	-1.34	-0.88	-0.13	-1.69	-1.97	-2.47	-2.93	-3.39	-2.50	-2.18	-1.45	-1.22	-1.35	-1.19	-1.22	-1.80	-1.65	-1.51	-2.30
	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	-0.05	-0.16	0.00	-0.51	0.00	-0.05	-0.03	0.00	-0.43	-0.13	-0.57	-0.93	-0.65	-1.26	-0.49	-0.77