

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/02/2009

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 61757	28.49	25.19	24.20	23.86	23.58	24.41	45.75	41.03	41.95	43.20	44.41	44.41	41.50	41.47	40.64	37.90	39.17	43.43	39.08	66.23	52.37	38.85	33.97	32.70
	1.61	1.40	1.34	1.27	1.28	1.36	2.63	1.95	2.15	2.14	1.99	2.03	2.05	1.98	1.90	1.77	2.03	2.26	2.00	1.51	2.62	1.71	1.49	1.70
	0.00	0.00	-0.07	0.00	-0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-1.37	0.00	0.00	-0.16	0.00	0.00	-40.75	-4.55	0.00	0.00	0.00
CENTRL 61754	27.12	24.00	22.79	22.86	21.69	23.28	44.42	39.74	40.76	42.10	43.52	43.47	40.13	38.93	39.40	36.63	37.52	41.50	36.97	28.85	46.33	37.55	32.83	31.27
	0.24	0.21	0.00	0.27	-0.09	0.23	1.29	0.66	0.96	1.03	1.10	1.10	0.75	0.65	0.66	0.51	0.52	0.33	-0.11	0.00	0.59	0.41	0.36	0.28
	0.00	0.00	-0.01	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.16	0.00	0.00	-0.02	0.00	0.00	-4.89	-0.55	0.00	0.00	0.00
DUNWOD 61760	29.14	25.71	24.69	24.38	23.89	24.91	46.74	42.75	43.72	45.09	46.45	46.54	43.41	43.05	42.57	39.53	40.81	45.38	40.75	58.03	53.22	40.60	35.59	33.72
	2.26	1.93	1.85	1.78	1.72	1.87	3.62	3.67	3.98	4.07	4.07	4.19	4.09	4.00	3.95	3.65	3.88	4.24	3.67	2.25	4.47	3.45	3.12	2.73
	0.00	0.00	-0.06	0.00	-0.46	0.00	0.00	0.00	0.06	0.05	0.03	0.03	0.06	-0.93	0.12	0.25	0.05	0.03	0.00	-31.81	-3.55	0.00	0.00	0.00
GENESE 61753	26.10	22.76	21.40	21.98	20.29	22.15	43.08	38.06	38.97	40.33	41.99	41.95	38.71	37.63	38.08	35.48	36.33	40.26	35.41	26.72	45.02	36.59	31.83	30.13
	-0.78	-1.02	-1.39	-0.61	-1.48	-0.90	-0.04	-1.02	-0.84	-0.74	-0.42	-0.42	-0.67	-0.61	-0.66	-0.65	-0.67	-0.91	-1.67	-0.91	-0.59	-0.56	-0.65	-0.87
	0.00	0.00	-0.01	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.12	0.00	0.00	-0.01	0.00	0.00	-3.67	-0.41	0.00	0.00	0.00
H Q 61844	26.24	23.24	22.37	22.07	21.38	26.22	38.10	38.10	38.65	39.84	41.23	41.14	38.19	36.94	37.62	35.08	35.80	38.10	38.10	29.00	38.25	36.18	31.63	30.25
	-0.65	-0.55	-0.41	-0.52	-0.33	-0.51	-1.34	-0.98	-1.15	-1.23	-1.19	-1.23	-1.18	-1.18	-1.12	-1.05	-1.18	-1.19	-0.85	-0.55	-1.36	-0.97	-0.84	-0.74
	0.00	0.00	0.00	0.00	0.00	-3.68	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.87	-1.87	-5.58	5.58	0.00	0.00	0.00
HUD VL 61758	28.98	25.59	24.59	24.29	23.77	24.80	46.66	42.60	43.88	45.14	46.39	46.42	44.00	43.77	43.22	41.15	41.86	45.31	40.53	56.98	52.94	40.49	35.53	33.54
	2.10	1.81	1.75	1.69	1.61	1.75	3.54	3.52	3.70	3.78	3.77	3.86	3.86	3.77	3.76	3.50	3.70	3.95	3.45	2.11	4.29	3.34	3.05	2.54
	0.00	0.00	-0.06	0.00	-0.45	0.00	0.00	0.00	-0.37	-0.29	-0.20	-0.19	-0.77	-1.88	-0.72	-1.51	-1.18	-0.19	0.00	-30.91	-3.45	0.00	0.00	0.00
LONGIL 61762	30.09	28.00	35.00	25.27	24.72	33.20	48.17	43.92	44.98	46.37	48.08	48.08	45.07	49.37	48.91	48.62	48.88	48.25	47.83	58.72	55.51	49.66	40.97	34.62
	3.20	2.85	2.76	2.67	2.54	2.74	5.05	4.85	5.17	5.30	5.34	5.47	5.24	5.18	5.11	4.73	4.99	5.43	4.75	2.92	5.92	4.64	4.09	3.63
	-0.01	-1.36	-9.46	-0.01	-0.47	-7.41	0.00	0.00	0.00	0.00	-0.32	-0.24	-0.46	-6.07	-5.06	-7.76	-6.90	-1.65	-6.01	-31.83	-4.40	-7.88	-4.40	0.00
MHK VL 61756	27.10	24.21	23.11	22.98	22.06	23.48	44.50	39.94	40.84	42.26	43.56	43.47	40.17	38.95	39.56	36.92	37.63	41.66	37.56	28.71	46.53	37.74	32.90	31.30
	0.22	0.43	0.32	0.38	0.28	0.44	1.38	0.86	1.03	1.19	1.15	1.10	0.79	0.69	0.81	0.79	0.63	0.49	0.48	0.43	0.86	0.59	0.42	0.31
	0.00	0.00	-0.01	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.14	0.00	0.00	-0.02	0.00	0.00	-4.31	-0.48	0.00	0.00	0.00
MILLWD 61759	29.06	25.67	24.64	24.33	23.85	24.87	46.74	42.63	43.58	44.93	46.33	46.37	43.28	42.93	42.44	39.43	40.70	45.22	40.53	58.13	53.24	40.52	35.50	33.60
	2.18	1.88	1.80	1.74	1.67	1.82	3.62	3.56	3.82	3.90	3.94	4.03	3.94	3.85	3.80	3.50	3.74	4.08	3.45	2.23	4.47	3.38	3.02	2.60
	0.00	0.00	-0.06	0.00	-0.47	0.00	0.00	0.00	0.05	0.04	0.03	0.02	0.03	-0.96	0.09	0.20	0.02	0.02	0.00	-31.94	-3.57	0.00	0.00	0.00
N.Y.C. 61761	29.47	25.98	24.94	24.63	24.11	25.10	53.00	56.00	61.58	65.03	65.89	51.62	49.17	49.34	48.52	48.54	48.11	49.13	44.68	59.39	55.36	44.89	40.57	34.07
	2.58	2.19	2.10	2.03	1.93	2.05	3.79	4.02	4.30	4.44	4.41	4.58	4.41	4.35	4.30	3.94	4.18	4.61	4.00	2.40	4.75	3.83	3.41	3.07
	0.00	0.00	-0.06	0.00	-0.47	0.00	-6.08	-12.90	-17.48	-19.53	-19.07	-4.67	-5.39	-6.88	-5.48	-8.48	-6.95	-3.35	-3.59	-33.02	-5.42	-3.92	-4.68	-0.01
NORTH 61755	25.75	22.86	22.08	21.69	21.06	22.17	41.22	37.63	38.05	39.18	40.80	40.59	37.56	36.21	37.00	34.57	35.10	39.23	35.74	23.22	43.16	35.62	31.18	29.66
	-1.13	-0.93	-0.71	-0.90	-0.65	-0.88	-1.90	-1.45	-1.75	-1.89	-1.61	-1.78	-1.81	-1.91	-1.74	-1.55	-1.89	-1.93	-1.33	-0.74	-2.03	-1.52	-1.30	-1.33
	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 61845	28.63	25.33	24.31	24.02	23.66	27.90	42.46	41.54	42.51	43.82	45.00	45.00	42.12	41.99	41.26	38.44	39.64	39.86	35.80	38.16	38.48	39.48	34.49	33.04
	1.75	1.55	1.46	1.42	1.41	1.47	2.72	2.46	2.71	2.75	2.59	2.63	2.68	2.63	2.52	2.31	2.51	2.88	2.71	1.89	3.34	2.34	2.01	2.05
	0.00	0.00	-0.07	0.00	-0.54	-3.38	3.38	0.00	0.00	0.00	0.00	0.00	-0.07	-1.24	0.00	0.00	-0.14	4.19	3.98	-12.30	10.06	0.00	0.00	0.00

OH 61846	25.19	22.14	20.63	21.19	19.36	24.81	37.76	35.76	36.42	37.62	39.15	39.07	36.15	35.14	35.56	33.20	34.19	36.00	34.87	31.32	36.70	34.88	30.46	28.89
	-1.69	-1.64	-2.16	-1.40	-2.41	-1.61	-1.98	-3.32	-3.38	-3.45	-3.27	-3.31	-3.23	-3.13	-3.18	-2.93	-2.81	-3.29	-4.08	-2.49	-3.39	-2.27	-2.01	-2.11
	0.00	0.00	-0.01	0.00	-0.06	-3.38	3.38	0.00	0.00	0.00	0.00	0.00	-0.01	-0.14	0.00	0.00	-0.02	1.87	-1.87	-9.84	5.11	0.00	0.00	0.00
PJM 61847	26.99	24.81	23.87	23.75	22.92	31.82	41.99	45.63	41.57	42.73	42.50	41.10	40.00	39.35	37.83	36.00	34.88	36.50	37.77	41.62	44.90	39.30	34.46	30.05
	0.11	1.02	1.05	1.15	0.89	1.06	2.24	2.23	2.47	2.51	2.54	2.63	2.52	2.48	2.44	2.17	-0.81	2.55	1.97	1.25	2.80	2.15	1.98	1.67
	0.00	0.00	-0.04	0.00	-0.32	-7.71	3.38	-4.33	0.70	0.84	2.46	3.90	1.89	1.25	3.35	2.30	1.29	7.22	1.27	-16.41	3.10	0.00	0.00	2.62
WEST 61752	20.55	13.57	13.59	21.00	20.00	21.00	27.00	22.50	22.83	23.00	23.00	22.99	22.85	22.81	22.74	22.66	22.48	22.50	22.41	22.48	22.78	19.23	18.97	18.96
	-1.05	-1.07	-1.57	-0.88	-1.78	-1.08	-0.43	-1.68	-1.55	-1.52	-1.53	-1.36	-1.42	-1.33	-1.43	-1.30	-1.37	-1.81	-2.67	-1.58	-1.72	-1.04	-1.07	-1.15
	5.28	9.14	7.62	0.71	-0.07	0.96	15.69	14.90	15.42	16.55	17.89	18.03	15.11	13.97	14.56	12.17	13.13	16.86	12.00	-0.09	20.70	16.88	12.43	10.89