

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/13/2011

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	37.95	33.29	31.68	30.04	30.39	33.72	38.22	37.46	38.00	39.87	43.96	44.89	48.29	53.83	56.09	50.73	50.15	55.10	44.67	50.46	45.30	41.50	39.22	37.80
61757	1.07	0.91	0.59	0.56	0.51	0.76	1.11	1.51	1.64	2.15	2.67	2.82	2.79	2.91	2.99	3.13	3.24	2.97	2.59	2.79	2.80	2.20	1.62	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	-4.53	-7.48	-9.11	-2.30	0.04	-8.42	-2.88	-6.00	0.00	0.00	0.00	0.00
CENTRL	37.07	32.64	31.19	29.63	29.97	33.23	37.18	36.34	36.69	38.21	41.86	43.42	42.62	45.18	46.95	49.02	50.88	45.84	40.79	43.44	43.56	39.75	37.94	36.88
61754	0.18	0.26	0.09	0.15	0.09	0.26	0.07	0.40	0.33	0.34	0.49	0.55	0.49	0.52	0.66	0.68	0.75	0.61	0.39	0.54	0.51	0.39	0.34	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.36	-0.80	-1.16	-1.22	-2.29	-3.03	-3.18	-1.51	-1.20	-1.24	-0.55	-0.06	0.00	0.00
DUNWOD	39.14	34.23	32.31	30.75	31.05	34.77	40.00	39.90	40.55	44.30	50.00	55.38	55.53	57.57	67.56	79.42	84.10	60.22	54.56	56.39	53.57	45.01	41.85	39.89
61760	2.25	1.85	1.21	1.27	1.17	1.81	2.89	3.95	4.18	5.09	5.74	5.81	5.69	6.04	6.11	6.30	6.53	6.08	5.41	5.79	5.86	5.19	4.25	3.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.49	-3.24	-7.50	-8.87	-8.10	-17.46	-27.81	-30.63	-10.43	-9.95	-8.93	-5.20	-0.52	0.00	0.00
GENESE	36.96	32.58	31.28	29.60	29.85	33.06	36.66	35.95	36.25	37.58	41.25	42.78	41.83	44.39	46.04	47.81	49.66	45.07	39.93	42.59	42.97	39.34	37.34	36.33
61753	0.07	0.19	0.19	0.12	-0.03	0.10	-0.45	0.00	-0.11	-0.26	-0.04	0.08	-0.04	0.00	0.26	0.14	0.23	0.17	-0.20	-0.04	0.04	0.00	-0.26	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.28	-0.62	-0.90	-0.95	-1.79	-2.36	-2.48	-1.18	-0.93	-0.96	-0.43	-0.04	0.00	0.00
H Q	36.37	31.93	31.00	29.33	31.00	31.39	36.62	35.19	35.64	36.66	39.66	39.66	39.66	39.66	39.66	39.66	42.01	42.23	37.98	39.66	41.10	38.16	36.66	36.40
61844	-0.52	-0.45	-0.09	-0.15	-0.06	-0.40	-0.48	-0.75	-0.73	-1.06	-1.35	-1.39	-1.31	-1.43	-1.58	-1.63	-1.69	-1.49	-1.22	-1.42	-1.40	-1.14	-0.86	-0.40
	0.00	0.00	0.00	0.00	-1.18	1.18	0.00	0.00	0.00	0.00	0.00	1.03	0.00	2.34	2.75	4.02	3.24	0.00	0.00	0.59	0.00	0.00	0.08	-0.08
HUD VL	39.28	34.39	32.49	30.92	31.26	34.97	40.07	40.08	40.62	44.22	49.62	54.47	54.98	57.44	66.51	76.33	80.42	59.93	53.73	56.15	53.08	45.06	42.00	40.04
61758	2.40	2.01	1.40	1.44	1.37	2.01	2.97	4.13	4.25	5.20	5.74	5.85	5.78	6.12	6.29	6.48	6.71	6.21	5.53	6.04	6.03	5.31	4.40	3.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.30	-2.86	-6.55	-8.23	-7.88	-16.23	-24.54	-26.76	-10.02	-9.00	-8.45	-4.55	-0.46	0.00	0.00
LONGIL	41.48	35.15	32.78	31.08	31.20	35.07	41.89	42.12	43.10	47.52	53.74	59.57	69.72	77.62	82.32	88.77	88.79	80.91	65.08	77.96	72.59	56.54	49.22	47.79
61762	3.58	2.75	1.68	1.59	1.31	2.11	4.19	5.32	5.60	6.68	7.42	7.62	7.37	7.77	7.92	8.25	8.50	7.96	7.02	7.58	7.73	6.92	5.75	4.59
	-1.02	-0.01	-0.01	-0.01	0.00	0.00	-0.60	-0.85	-1.14	-3.13	-5.30	-9.88	-21.38	-26.41	-30.41	-35.21	-33.35	-29.25	-18.86	-28.72	-22.35	-10.32	-5.87	-6.47
MHK VL	37.73	33.13	31.72	30.04	30.42	33.79	38.25	37.32	37.93	39.59	43.46	45.27	44.35	46.99	49.02	51.65	53.45	47.60	42.53	45.17	45.34	41.07	39.03	37.91
61756	0.85	0.74	0.62	0.56	0.54	0.82	1.15	1.37	1.56	1.66	1.97	2.10	1.97	2.17	2.24	2.40	2.44	2.14	1.80	2.04	2.08	1.69	1.43	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	-0.48	-1.09	-1.41	-1.38	-2.79	-3.93	-4.06	-1.75	-1.53	-1.46	-0.76	-0.08	0.00	0.00
MILLWD	39.10	34.20	32.27	30.72	31.05	34.77	39.96	39.90	40.51	44.27	49.90	55.19	55.44	57.56	67.44	78.96	83.50	60.22	54.42	56.45	53.55	45.00	41.85	39.89
61759	2.21	1.81	1.18	1.24	1.17	1.81	2.86	3.95	4.15	5.09	5.70	5.76	5.69	6.04	6.16	6.34	6.53	6.12	5.41	5.92	5.95	5.19	4.25	3.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46	-3.19	-7.35	-8.78	-8.09	-17.29	-27.31	-30.03	-10.39	-9.81	-8.87	-5.10	-0.51	0.00	0.00
N.Y.C.	39.43	34.49	32.53	30.93	31.26	35.01	40.26	43.84	44.47	47.74	52.13	57.06	58.16	59.64	67.68	79.25	83.79	61.52	55.22	56.68	54.51	48.11	44.19	40.19
61761	2.55	2.11	1.43	1.44	1.37	2.04	3.15	4.28	4.51	5.47	6.11	6.23	6.02	6.38	6.47	6.66	6.85	6.43	5.76	6.08	6.29	5.58	4.59	3.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.62	-3.60	-4.55	-5.00	-8.76	-11.16	-9.82	-17.22	-27.28	-29.99	-11.39	-10.25	-8.94	-5.73	-3.22	-2.00	0.00
NORTH	36.22	31.80	30.94	29.15	29.67	32.47	36.55	34.87	35.45	36.32	39.37	40.48	39.46	41.83	42.01	41.99	42.01	41.88	37.71	39.91	40.84	37.92	36.40	36.11
61755	-0.66	-0.58	-0.16	-0.32	-0.21	-0.49	-0.56	-1.08	-0.91	-1.40	-1.64	-1.60	-1.52	-1.61	-1.98	-2.08	-2.16	-1.84	-1.49	-1.75	-1.66	-1.38	-1.20	-0.62
	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	1.24	2.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	38.25	33.52	31.81	30.22	30.54	34.02	38.77	38.29	38.80	41.29	45.89	48.19	50.40	54.73	59.41	59.67	60.79	56.39	47.74	52.14	47.91	42.61	40.08	38.42
61845	1.36	1.13	0.72	0.74	0.66	1.05	1.67	2.34	2.44	3.09	3.65	3.70	3.61	3.78	3.83	3.90	3.99	3.80	3.45	3.67	3.74	3.14	2.48	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-1.23	-2.41	-5.82	-7.52	-11.59	-10.46	-9.85	-8.88	-5.09	-6.81	-1.67	-0.17	0.00	0.00

OH 61846	36.00	31.83	30.53	28.95	29.11	32.17	35.21	34.51	34.36	35.48	38.80	39.94	39.41	41.51	43.23	45.00	46.81	42.25	37.51	40.00	39.98	36.80	35.31	34.64
	-0.89	-0.55	-0.56	-0.53	-0.78	-0.79	-1.89	-1.44	-2.00	-2.38	-2.54	-2.86	-2.62	-3.04	-2.86	-3.08	-3.05	-2.84	-2.78	-2.79	-3.02	-2.55	-2.29	-2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.33	-0.72	-1.06	-1.12	-2.09	-2.77	-2.92	-1.38	-1.09	-1.13	-0.50	-0.05	0.00	0.00
PJM 61847	36.00	33.19	31.37	29.95	30.24	33.72	38.40	34.37	38.62	41.58	46.43	50.48	50.42	52.58	59.39	67.24	70.66	54.46	49.14	51.30	49.34	42.45	39.74	38.16
	-0.89	0.81	0.28	0.47	0.36	0.76	1.30	-1.58	2.25	2.83	3.16	3.20	3.15	3.30	3.43	3.49	3.61	3.37	2.94	3.25	3.23	2.79	2.14	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.04	-2.26	-5.21	-6.29	-5.85	-11.97	-18.44	-20.10	-7.38	-7.00	-6.38	-3.62	-0.36	0.00	0.00
WEST 61752	36.48	32.16	30.75	29.18	29.34	32.53	35.88	35.23	35.20	36.45	39.82	41.13	40.57	42.79	44.60	46.50	48.37	43.49	38.55	41.15	41.03	37.55	35.98	35.30
	-0.41	-0.23	-0.34	-0.29	-0.54	-0.43	-1.22	-0.72	-1.16	-1.43	-1.56	-1.77	-1.60	-1.91	-1.76	-1.95	-1.88	-1.79	-1.88	-1.79	-2.04	-1.81	-1.62	-1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.37	-0.82	-1.20	-1.27	-2.37	-3.14	-3.30	-1.57	-1.23	-1.28	-0.57	-0.06	0.00	0.00