

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/07/2011

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	36.19	30.31	27.13	25.95	24.76	30.00	37.70	38.03	38.51	40.02	42.72	44.40	44.70	46.64	45.64	45.71	47.18	47.17	45.69	48.65	45.58	39.82	37.53	34.90
61757	1.22	1.08	0.92	0.97	0.88	1.13	0.99	1.14	1.30	1.54	1.88	2.03	2.04	2.21	2.31	2.27	2.39	2.32	2.26	2.36	2.00	1.57	1.23	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.28	-0.52	-0.69	-0.53	-0.19	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	34.76	29.08	26.08	24.85	23.75	28.73	36.53	36.81	37.21	38.40	40.55	42.11	42.15	43.97	42.68	42.63	44.08	44.44	43.26	46.11	43.62	38.21	36.23	33.75
61754	-0.21	-0.15	-0.13	-0.12	-0.12	-0.14	-0.18	-0.07	0.00	-0.08	-0.29	-0.25	-0.30	-0.18	-0.13	-0.13	-0.18	-0.22	-0.17	-0.19	0.04	-0.04	-0.07	-0.17
	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
DUNWOD	36.86	30.66	27.55	26.17	25.04	30.29	38.80	39.84	40.45	42.52	45.58	47.41	50.03	52.94	54.41	56.36	56.07	52.40	48.73	51.76	48.50	42.11	39.42	36.09
61760	1.89	1.43	1.34	1.20	1.17	1.41	2.09	2.95	3.24	4.04	4.74	5.04	5.05	5.34	5.26	5.22	5.40	5.40	5.30	5.46	4.92	3.86	3.12	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.53	-3.45	-6.34	-8.38	-6.41	-2.34	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	34.45	28.73	25.74	24.55	23.44	28.33	35.87	36.22	36.72	37.63	39.49	41.05	41.09	43.00	41.69	41.78	43.29	43.50	42.31	45.18	43.05	37.67	35.94	33.37
61753	-0.52	-0.50	-0.47	-0.42	-0.43	-0.55	-0.84	-0.66	-0.48	-0.85	-1.35	-1.31	-1.36	-1.15	-1.11	-0.98	-0.97	-1.16	-1.13	-1.11	-0.52	-0.57	-0.36	-0.54
	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
H Q	34.51	29.37	26.08	24.82	25.09	29.89	37.32	33.14	36.65	37.75	39.98	41.39	41.52	43.05	39.66	39.66	39.66	43.54	42.31	45.14	42.48	37.56	35.04	34.50
61844	-0.17	-0.15	-0.13	-0.15	-0.14	-0.17	-0.15	-0.44	-0.56	-0.73	-0.86	-0.97	-0.93	-1.10	-1.16	-1.15	-1.19	-1.12	-1.13	-1.16	-1.09	-0.69	-0.51	-0.17
	0.29	-0.29	0.00	0.00	-1.36	-1.19	-0.75	3.30	0.00	0.00	0.00	0.00	0.00	0.00	1.99	1.94	3.40	0.00	0.00	0.00	0.00	0.76	-0.76	
HUD VL	36.89	30.75	27.60	26.24	25.12	30.38	38.88	39.98	40.52	42.55	45.58	47.45	49.49	52.15	52.95	54.47	54.59	51.77	48.69	51.80	48.58	42.15	39.53	36.12
61758	1.92	1.52	1.39	1.27	1.24	1.50	2.17	3.10	3.31	4.08	4.74	5.08	5.09	5.34	5.26	5.26	5.40	5.31	5.26	5.51	5.01	3.90	3.23	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.94	-2.65	-4.88	-6.45	-4.94	-1.80	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	37.77	31.28	28.13	26.69	25.57	30.98	39.91	41.21	42.51	44.48	48.05	51.12	54.99	55.05	55.78	57.81	57.58	54.51	51.56	57.94	56.63	47.95	43.46	38.78
61762	2.80	2.05	1.91	1.72	1.70	2.11	3.19	4.32	4.65	5.54	6.25	6.61	6.62	6.98	6.63	6.67	6.90	6.88	6.95	7.31	6.71	5.24	4.39	3.43
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.65	-0.46	-0.97	-2.15	-5.91	-3.92	-6.34	-8.38	-6.41	-2.97	-1.18	-4.33	-6.35	-4.46	-2.77	-1.43
MHK VL	35.81	29.87	26.79	25.52	24.40	29.54	37.81	38.07	38.47	39.78	42.27	43.85	43.97	45.69	44.48	44.54	45.99	46.20	44.78	47.87	45.10	39.55	37.35	34.80
61756	0.84	0.64	0.58	0.55	0.53	0.66	1.10	1.18	1.27	1.31	1.43	1.48	1.40	1.37	1.37	1.37	1.42	1.43	1.35	1.57	1.53	1.30	1.05	0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.17	-0.31	-0.41	-0.31	-0.11	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	36.82	30.66	27.52	26.14	25.02	30.29	38.80	39.84	40.45	42.52	45.58	47.41	49.97	52.86	54.26	56.20	55.92	52.35	48.73	51.85	48.54	42.11	39.42	36.12
61759	1.85	1.43	1.31	1.17	1.15	1.41	2.09	2.95	3.24	4.04	4.74	5.04	5.05	5.34	5.26	5.26	5.40	5.40	5.30	5.56	4.97	3.86	3.12	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.47	-3.37	-6.20	-8.19	-6.26	-2.28	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	36.96	30.69	27.55	26.17	25.04	30.32	38.95	40.13	40.78	44.84	48.42	49.89	51.63	53.40	55.45	56.99	56.78	53.77	50.02	53.27	50.60	45.43	43.12	36.29
61761	1.99	1.46	1.34	1.20	1.17	1.44	2.24	3.25	3.57	4.42	5.15	5.47	5.52	5.78	5.69	5.60	5.80	5.85	5.73	5.79	5.19	4.17	3.27	2.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.94	-2.44	-2.06	-3.66	-3.47	-6.95	-8.63	-6.73	-3.26	-0.85	-1.19	-1.84	-3.02	-3.55	0.00
NORTH	35.00	29.26	26.21	24.97	23.87	28.87	36.90	36.66	36.84	37.90	40.15	41.56	41.64	43.00	41.65	41.65	43.06	43.45	42.18	45.09	42.53	37.75	35.94	33.99
61755	0.03	0.03	0.00	0.00	0.00	0.00	0.18	-0.22	-0.37	-0.58	-0.69	-0.80	-0.81	-1.15	-1.16	-1.11	-1.19	-1.21	-1.26	-1.20	-1.05	-0.50	-0.36	0.07
	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	35.91	30.63	27.24	25.97	26.21	31.22	38.71	35.28	39.07	40.82	43.62	45.29	46.50	48.75	48.71	49.48	50.30	48.82	46.56	49.53	46.41	40.47	37.32	35.96
61845	1.22	1.11	1.02	1.00	0.98	1.15	1.25	1.70	1.86	2.35	2.78	2.92	2.97	3.13	3.21	3.16	3.32	3.17	3.13	3.24	2.83	2.22	1.78	1.29
	0.29	-0.29	0.00	0.00	-1.36	-1.19	-0.75	3.30	0.00	0.00	0.00	0.00	-1.07	-1.46	-2.69	-3.56	-2.72	-0.99	0.00	0.00	0.00	0.00	0.76	-0.76

O H 61846	32.86 -1.82 0.29	28.08 -1.43 -0.29	24.93 -1.28 0.00	23.75 -1.22 0.00	24.01 -1.22 -1.36	28.39 -1.67 -1.19	34.64 -2.83 -0.75	30.63 -2.95 3.30	34.31 -2.90 0.00	35.28 -3.19 0.00	36.67 -4.17 0.00	38.00 -4.36 0.00	38.21 -4.25 0.00	40.00 -4.15 0.00	38.87 -3.94 0.00	38.91 -3.85 0.00	40.05 -4.20 0.00	40.19 -4.47 0.00	39.22 -4.21 0.00	41.71 -4.58 0.00	40.04 -3.53 0.00	35.15 -3.10 0.00	33.33 -2.21 0.76	32.60 -2.07 -0.76
PJM 61847	32.83 -1.85 0.29	29.78 0.26 -0.29	26.53 0.31 0.00	25.25 0.27 0.00	25.49 0.26 -1.36	30.30 0.23 -1.19	37.87 0.40 -0.75	34.58 1.00 3.30	38.32 1.12 0.00	40.13 1.65 0.00	42.76 1.92 0.00	44.40 2.03 0.00	45.98 1.95 -1.58	48.51 2.21 -2.15	48.99 2.23 -3.96	50.21 2.22 -5.23	50.38 2.12 -4.00	48.26 2.14 -1.46	45.70 2.26 0.00	47.31 1.02 0.00	45.62 2.05 0.00	39.74 1.49 0.00	36.56 1.02 0.76	35.22 0.54 -0.76
WEST 61752	33.43 -1.54 0.00	27.92 -1.32 0.00	25.06 -1.15 0.00	23.87 -1.10 0.00	22.80 -1.07 0.00	27.40 -1.47 0.00	34.29 -2.42 0.00	34.34 -2.55 0.00	34.72 -2.49 0.00	35.94 -2.54 0.00	37.41 -3.43 0.00	38.68 -3.69 0.00	38.89 -3.57 0.00	40.66 -3.49 0.00	39.51 -3.30 0.00	39.51 -3.25 0.00	40.63 -3.63 0.00	40.82 -3.84 0.00	39.92 -3.52 0.00	42.36 -3.93 0.00	40.65 -2.92 0.00	35.72 -2.52 0.00	34.45 -1.85 0.00	32.22 -1.70 0.00