

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/06/2013

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	37.29	33.20	32.28	32.69	33.20	31.65	32.12	33.20	36.83	39.50	39.59	39.55	36.85	34.86	33.13	31.98	32.28	33.73	36.73	43.74	43.80	36.96	33.26	31.43
61757	2.54	2.20	2.14	2.14	2.20	2.13	2.05	2.34	2.38	2.55	2.59	2.59	2.38	2.25	2.11	1.93	1.86	2.03	2.18	2.90	2.71	2.16	2.03	2.11
	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
CENTRL	35.49	31.68	30.71	31.13	31.59	30.23	30.91	31.51	35.24	37.73	37.78	37.70	35.16	33.20	31.64	30.65	31.07	32.34	35.21	41.20	41.66	35.43	31.86	29.70
61754	0.73	0.68	0.57	0.58	0.59	0.71	0.84	0.65	0.79	0.78	0.78	0.74	0.69	0.59	0.62	0.60	0.64	0.63	0.65	0.37	0.57	0.63	0.62	0.38
	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	37.57	33.35	32.43	32.75	33.29	31.86	32.60	33.70	37.93	40.91	40.99	40.88	38.09	35.94	34.06	32.97	33.13	34.59	37.87	45.12	45.28	38.21	34.17	31.78
61760	2.81	2.35	2.29	2.20	2.29	2.33	2.53	2.84	3.48	3.96	4.00	3.92	3.62	3.33	3.04	2.91	2.71	2.88	3.32	4.29	4.19	3.41	2.93	2.46
	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
GENESE	35.38	31.58	30.47	30.88	31.31	30.08	30.79	30.98	34.76	37.21	37.26	37.11	34.65	32.68	31.20	30.32	30.70	31.93	34.69	40.18	40.68	34.80	31.48	29.23
61753	0.63	0.59	0.33	0.34	0.31	0.56	0.72	0.12	0.31	0.26	0.26	0.15	0.17	0.07	0.19	0.27	0.27	0.22	0.14	-0.65	-0.41	0.00	0.25	-0.09
	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	33.78	30.16	29.33	29.72	30.16	28.67	29.14	29.90	33.38	35.77	35.81	35.82	33.41	31.64	30.12	29.21	29.57	30.78	33.55	39.61	39.89	33.79	30.30	28.59
61844	-0.97	-0.84	-0.81	-0.82	-0.84	-0.86	-0.93	-0.96	-1.07	-1.18	-1.19	-1.15	-1.07	-0.98	-0.90	-0.84	-0.85	-0.92	-1.00	-1.22	-1.19	-1.01	-0.94	-0.73
	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
HUD VL	37.64	33.51	32.67	32.99	33.51	32.12	32.84	33.85	37.97	40.83	40.88	40.84	38.03	35.91	34.02	32.97	33.26	34.72	38.01	45.33	45.44	38.35	34.35	32.05
61758	2.88	2.51	2.53	2.44	2.51	2.60	2.76	2.99	3.52	3.88	3.88	3.88	3.55	3.29	3.01	2.91	2.83	3.01	3.45	4.49	4.35	3.55	3.12	2.73
	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
LONGIL	43.38	39.94	36.58	34.15	35.76	37.52	41.54	44.56	48.37	51.30	53.74	51.27	49.12	48.28	46.30	42.76	46.33	47.70	49.18	59.43	66.01	54.44	51.11	48.75
61762	3.86	3.32	3.26	3.21	3.35	3.34	3.55	3.79	4.55	5.21	5.14	5.03	4.55	4.21	3.85	3.70	3.50	3.74	4.28	5.59	5.47	4.46	3.81	3.31
	-4.77	-5.63	-3.18	-0.39	-1.41	-4.66	-7.92	-9.90	-9.37	-9.14	-11.60	-9.28	-10.09	-11.46	-11.44	-9.01	-12.41	-12.26	-10.34	-13.00	-19.46	-15.19	-16.07	-16.12
MHK VL	35.70	31.86	30.96	31.37	31.84	30.38	31.03	31.85	35.69	38.24	38.22	38.18	35.55	33.59	31.88	30.89	31.34	32.65	35.59	42.02	42.40	35.88	32.17	30.08
61756	0.94	0.87	0.81	0.83	0.84	0.86	0.96	0.99	1.24	1.29	1.22	1.22	1.07	0.98	0.87	0.84	0.91	0.95	1.04	1.18	1.31	1.08	0.94	0.76
	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
MILLWD	37.50	33.32	32.40	32.75	33.26	31.83	32.57	33.67	37.90	40.87	40.92	40.84	38.03	35.87	33.99	32.91	33.10	34.59	37.84	45.12	45.28	38.21	34.17	31.75
61759	2.75	2.33	2.26	2.20	2.26	2.30	2.49	2.81	3.44	3.91	3.92	3.88	3.55	3.26	2.98	2.86	2.68	2.88	3.28	4.29	4.19	3.41	2.93	2.43
	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
N.Y.C.	37.85	33.60	32.65	32.96	33.54	32.06	32.84	33.95	38.24	41.24	41.33	41.25	38.41	36.23	34.30	33.21	33.38	34.87	38.18	45.53	45.65	38.53	34.45	32.05
61761	3.09	2.60	2.50	2.41	2.54	2.54	2.76	3.09	3.79	4.28	4.33	4.29	3.93	3.62	3.29	3.15	2.95	3.17	3.63	4.69	4.56	3.73	3.22	2.73
	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
NORTH	33.02	29.54	28.76	29.14	29.51	28.11	28.51	29.22	32.66	34.96	34.96	34.96	32.58	31.02	29.56	28.73	29.15	30.31	32.96	38.84	39.16	33.27	29.73	28.23
61755	-1.74	-1.46	-1.39	-1.40	-1.49	-1.42	-1.56	-1.64	-1.79	-2.00	-2.03	-2.00	-1.90	-1.60	-1.46	-1.32	-1.28	-1.39	-1.59	-2.00	-1.93	-1.53	-1.50	-1.08
	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	37.37	33.29	32.37	32.78	33.26	31.77	32.42	33.54	37.28	40.09	40.14	40.07	37.37	35.32	33.56	32.46	32.74	34.14	37.25	44.39	44.46	37.59	33.73	31.58
61845	2.61	2.29	2.23	2.23	2.26	2.24	2.35	2.68	2.83	3.14	3.14	3.11	2.90	2.71	2.54	2.41	2.31	2.44	2.70	3.55	3.37	2.79	2.50	2.26
	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

O H 61846	35.00 0.25 0.00	31.34 0.34 0.00	30.29 0.15 0.00	30.70 0.15 0.00	31.09 0.09 0.00	29.97 0.44 0.00	30.52 0.45 0.00	30.43 -0.43 0.00	33.83 -0.62 0.00	35.99 -0.96 0.00	36.00 -1.00 0.00	36.00 -0.96 0.00	33.72 -0.76 0.00	31.86 -0.75 0.00	30.55 -0.46 0.00	29.72 -0.33 0.00	30.09 -0.33 0.00	31.29 -0.41 0.00	33.79 -0.76 0.00	38.71 -2.13 0.00	39.28 -1.81 0.00	33.90 -0.90 0.00	30.82 -0.41 0.00	28.76 -0.56 0.00
PJM 61847	36.39 1.63 0.00	32.42 1.43 0.00	31.47 1.32 0.00	31.83 1.28 0.00	32.30 1.30 0.00	30.97 1.45 0.00	31.66 1.59 0.00	32.43 1.57 0.00	36.31 1.86 0.00	38.98 2.03 0.00	39.07 2.07 0.00	38.99 2.03 0.00	36.40 1.93 0.00	34.34 1.73 0.00	32.66 1.64 0.00	31.68 1.62 0.00	31.83 1.40 0.00	33.19 1.49 0.00	36.21 1.66 0.00	42.55 1.71 0.00	42.85 1.77 0.00	36.40 1.60 0.00	32.76 1.53 0.00	30.49 1.17 0.00
WEST 61752	35.73 0.97 0.00	31.96 0.96 0.00	30.86 0.72 0.00	31.28 0.73 0.00	31.68 0.68 0.00	30.58 1.06 0.00	31.18 1.11 0.00	30.98 0.12 0.00	34.56 0.10 0.00	36.73 -0.22 0.00	36.74 -0.26 0.00	36.85 -0.11 0.00	34.48 0.00 0.00	32.58 -0.03 0.00	31.20 0.19 0.00	30.29 0.24 0.00	30.70 0.27 0.00	31.86 0.16 0.00	34.42 -0.14 0.00	39.41 -1.43 0.00	39.98 -1.11 0.00	34.52 -0.28 0.00	31.42 0.19 0.00	29.23 -0.09 0.00