

# Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/03/2012

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	19.95	18.21	15.34	14.78	15.11	19.43	24.75	29.36	33.47	34.33	36.20	36.95	37.63	38.04	37.39	36.70	37.00	37.35	36.09	37.09	41.36	34.41	25.82	21.34
61757	1.16	0.98	0.85	0.81	0.81	1.05	1.38	1.74	1.92	1.97	2.05	1.93	2.10	2.02	1.98	2.04	1.93	1.88	1.88	2.00	2.12	1.89	1.44	1.02
	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	19.16	17.54	14.77	14.28	14.61	18.77	24.08	28.32	32.30	33.13	35.11	36.14	36.52	37.11	36.47	35.52	36.09	36.53	35.10	36.11	40.42	33.37	25.12	20.96
61754	0.38	0.31	0.29	0.31	0.31	0.39	0.70	0.69	0.76	0.78	0.96	1.12	0.99	1.08	1.06	0.87	1.02	1.06	0.89	1.02	1.18	0.85	0.73	0.63
	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	20.12	18.40	15.44	14.87	15.21	19.67	25.50	30.44	34.73	35.69	37.57	38.28	38.87	39.48	38.84	38.19	38.51	38.84	37.63	38.39	42.89	35.91	26.80	21.93
61760	1.33	1.17	0.96	0.89	0.91	1.29	2.13	2.82	3.19	3.33	3.42	3.26	3.34	3.46	3.43	3.53	3.44	3.37	3.42	3.30	3.65	3.38	2.41	1.61
	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	18.86	17.26	14.60	14.14	14.45	18.51	23.75	27.68	31.38	32.29	34.26	35.37	35.71	36.31	35.69	34.62	35.25	35.68	34.21	35.09	39.28	32.30	24.53	20.55
61753	0.08	0.03	0.12	0.17	0.16	0.13	0.37	0.06	-0.16	-0.06	0.10	0.35	0.18	0.29	0.28	-0.03	0.18	0.21	0.00	0.00	0.04	-0.23	0.15	0.22
	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	18.19	16.81	14.11	13.59	13.92	17.89	18.19	23.42	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	20.30	18.19
61844	-0.51	-0.41	-0.38	-0.38	-0.37	-0.50	-0.77	-0.91	-1.01	-1.07	-1.13	-1.09	-1.14	-1.15	-1.17	-1.11	-1.16	-1.13	-1.09	-1.09	-1.22	-1.07	-0.88	-0.67
	0.09	0.00	0.00	0.00	0.00	0.00	4.41	3.29	6.37	7.13	8.87	9.77	10.23	10.71	10.08	9.39	9.75	10.17	8.95	9.84	13.87	7.29	3.21	1.46
HUD VL	20.10	18.40	15.47	14.89	15.22	19.65	25.41	30.33	34.70	35.62	37.53	38.28	38.87	39.48	38.84	38.16	38.47	38.87	37.60	38.42	42.97	35.81	26.70	21.85
61758	1.31	1.17	0.98	0.92	0.93	1.27	2.03	2.71	3.15	3.27	3.38	3.26	3.34	3.46	3.43	3.50	3.40	3.40	3.39	3.33	3.73	3.29	2.32	1.52
	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	23.03	20.62	18.99	17.70	19.27	23.75	29.92	31.12	35.04	35.95	37.77	38.52	39.23	39.94	39.30	38.54	38.99	39.26	37.90	38.63	43.43	36.64	29.97	26.30
61762	1.65	1.48	1.23	1.17	1.19	1.58	2.57	3.43	3.50	3.59	3.62	3.50	3.73	3.96	3.93	3.88	3.93	3.80	3.69	3.54	4.20	4.07	2.90	1.99
	-2.59	-1.91	-3.27	-2.55	-3.79	-3.79	-3.98	-0.07	0.00	-0.01	0.00	0.00	0.03	0.05	0.03	0.00	0.01	0.01	0.00	0.00	0.02	-0.05	-2.68	-3.98
MHK VL	19.22	17.59	14.77	14.25	14.59	18.79	24.03	28.48	32.52	33.36	35.21	36.21	36.70	37.18	36.50	35.70	36.16	36.60	35.23	36.18	40.62	33.54	25.12	20.85
61756	0.43	0.36	0.29	0.28	0.30	0.40	0.65	0.86	0.98	1.00	1.06	1.19	1.17	1.15	1.10	1.04	1.09	1.13	1.03	1.09	1.37	1.01	0.73	0.53
	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	20.08	18.37	15.43	14.85	15.19	19.64	25.45	30.41	34.70	35.62	37.50	38.24	38.83	39.41	38.77	38.12	38.44	38.80	37.53	38.32	42.89	35.81	26.73	21.87
61759	1.30	1.14	0.94	0.88	0.90	1.25	2.08	2.79	3.15	3.27	3.35	3.22	3.30	3.39	3.36	3.47	3.37	3.33	3.32	3.23	3.65	3.29	2.34	1.54
	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
N.Y.C.	20.31	18.56	15.57	14.99	15.32	19.82	25.76	30.72	35.03	36.17	37.89	38.56	39.15	39.77	39.12	38.51	38.82	39.12	37.92	38.63	43.17	36.24	27.10	22.13
61761	1.52	1.33	1.09	1.02	1.03	1.43	2.38	3.09	3.47	3.59	3.72	3.54	3.62	3.75	3.72	3.85	3.75	3.65	3.69	3.54	3.92	3.71	2.71	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.22	-0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-0.02	0.00	0.00	-0.01	-0.01	0.00
NORTH	18.09	16.59	13.85	13.34	13.69	17.54	22.04	26.08	29.87	30.47	32.21	33.20	33.65	34.04	33.38	32.74	33.07	33.55	32.33	33.23	37.24	30.64	22.73	19.15
61755	-0.70	-0.64	-0.64	-0.63	-0.60	-0.85	-1.33	-1.55	-1.67	-1.88	-1.95	-1.82	-1.88	-1.98	-2.02	-1.91	-2.00	-1.92	-1.88	-1.86	-2.00	-1.89	-1.66	-1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	19.87	18.18	15.31	14.74	15.08	19.40	24.82	29.42	33.56	34.39	36.20	36.88	37.59	37.97	37.39	36.70	37.03	37.38	36.19	37.19	41.44	34.54	25.90	21.46
61845	1.09	0.95	0.83	0.77	0.79	1.01	1.45	1.80	2.02	2.04	2.05	1.86	2.06	1.95	1.98	2.04	1.96	1.92	1.98	2.11	2.20	2.02	1.51	1.14
	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	18.45 -0.34 0.00	16.90 -0.33 0.00	14.38 -0.10 0.00	14.01 0.04 0.00	14.25 -0.04 0.00	18.06 -0.33 0.00	23.14 -0.23 0.00	26.49 -1.13 0.00	29.71 -1.83 0.00	30.51 -1.84 0.00	32.51 -1.64 0.00	33.55 -1.47 0.00	33.65 -1.88 0.00	34.33 -1.69 0.00	33.67 -1.73 0.00	32.65 -2.01 0.00	33.35 -1.72 0.00	33.77 -1.70 0.00	32.36 -1.85 0.00	33.51 -1.58 0.00	37.32 -1.92 0.00	30.84 -1.69 0.00	23.83 -0.56 0.00	20.10 -0.22 0.00
PJM 61847	19.14 0.36 0.00	17.52 0.29 0.00	14.80 0.32 0.00	14.34 0.36 0.00	14.64 0.34 0.00	18.72 0.33 0.00	24.15 0.77 0.00	28.34 0.72 0.00	32.17 0.63 0.00	33.00 0.65 0.00	35.04 0.89 0.00	36.00 0.98 0.00	36.31 0.78 0.00	36.96 0.94 0.00	36.29 0.89 0.00	35.45 0.80 0.00	35.98 0.91 0.00	36.36 0.89 0.00	35.03 0.82 0.00	36.00 0.91 0.00	40.22 0.98 0.00	33.37 0.85 0.00	25.24 0.85 0.00	20.89 0.57 0.00
WEST 61752	18.63 -0.15 0.00	17.07 -0.16 0.00	14.51 0.03 0.00	14.17 0.20 0.00	14.41 0.11 0.00	18.24 -0.15 0.00	23.44 0.07 0.00	26.80 -0.83 0.00	30.06 -1.48 0.00	30.90 -1.46 0.00	32.92 -1.23 0.00	34.04 -0.98 0.00	34.07 -1.46 0.00	34.80 -1.22 0.00	34.13 -1.27 0.00	32.96 -1.70 0.00	33.70 -1.37 0.00	34.12 -1.35 0.00	32.67 -1.54 0.00	33.89 -1.19 0.00	37.71 -1.53 0.00	31.13 -1.40 0.00	24.04 -0.34 0.00	20.30 -0.02 0.00