

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/11/2016

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	14.87	13.72	13.24	12.72	12.93	14.71	18.64	19.92	20.23	19.75	19.65	18.84	19.63	20.39	17.87	19.77	18.53	18.39	17.81	18.17	25.64	17.36	15.01	15.15
61757	0.42	0.42	0.37	0.41	0.41	0.50	0.78	0.91	0.99	1.02	1.22	1.13	1.15	1.19	1.08	1.00	1.00	0.93	0.82	0.81	0.85	0.82	0.60	0.47
	-7.14	-5.99	-6.28	-5.15	-5.21	-5.53	-5.32	-4.37	-4.05	-3.22	0.00	0.00	-0.77	-1.14	-0.42	-3.68	-2.30	-3.31	-4.38	-4.90	-11.30	-3.86	-4.70	-6.79
CENTRL	8.47	8.27	7.59	7.98	8.16	9.61	13.54	15.51	16.00	16.20	18.67	17.97	18.06	18.48	16.67	15.90	15.81	14.88	13.49	13.38	15.49	13.46	10.51	9.01
61754	0.00	-0.01	-0.01	-0.01	0.01	0.03	0.14	0.16	0.15	0.17	0.24	0.27	0.23	0.23	0.23	0.21	0.21	0.20	0.16	0.12	0.15	0.15	0.04	0.02
	-1.16	-0.97	-1.02	-0.83	-0.85	-0.90	-0.86	-0.71	-0.66	-0.52	0.00	0.00	-0.12	-0.19	-0.07	-0.60	-0.38	-0.54	-0.71	-0.80	-1.84	-0.63	-0.77	-1.10
DUNWOD	16.00	14.57	12.43	12.14	13.32	15.81	20.66	21.94	23.05	25.24	26.77	26.27	28.39	28.46	26.42	28.85	28.79	27.77	25.06	24.82	32.15	24.99	21.52	20.86
61760	0.82	0.82	0.73	0.79	0.82	0.97	1.42	1.65	1.73	1.75	2.10	2.02	2.02	2.06	1.87	1.73	1.75	1.63	1.45	1.43	1.58	1.47	1.11	0.88
	-7.87	-6.44	-5.11	-4.19	-5.19	-6.16	-6.71	-5.65	-6.12	-7.98	-6.24	-6.55	-8.66	-8.34	-8.18	-12.02	-11.81	-12.00	-10.99	-10.93	-17.07	-10.85	-10.71	-12.09
GENESE	7.96	7.80	7.12	7.54	7.73	9.12	12.90	14.86	15.37	15.56	18.08	17.44	17.48	17.90	16.16	15.30	15.31	14.35	12.96	12.81	14.65	12.95	10.05	8.52
61753	-0.22	-0.23	-0.23	-0.24	-0.21	-0.23	-0.29	-0.31	-0.32	-0.34	-0.35	-0.27	-0.32	-0.31	-0.26	-0.24	-0.20	-0.20	-0.19	-0.25	-0.23	-0.20	-0.23	-0.20
	-0.87	-0.73	-0.76	-0.63	-0.64	-0.67	-0.65	-0.54	-0.50	-0.39	0.00	0.00	-0.09	-0.14	-0.05	-0.45	-0.28	-0.41	-0.54	-0.60	-1.38	-0.47	-0.58	-0.83
H Q	7.16	7.16	6.46	7.01	7.16	8.55	12.15	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.12	13.06	12.25	9.48	7.72
61844	-0.15	-0.15	-0.13	-0.14	-0.15	-0.19	-0.33	-0.38	-0.41	-0.42	-0.52	-0.51	-0.51	-0.52	-0.48	-0.44	-0.46	-0.41	-0.37	-0.34	-0.38	-0.35	-0.22	-0.17
	0.00	0.00	0.00	0.00	0.00	-0.06	0.06	2.01	2.53	2.84	5.66	4.94	4.94	5.29	3.65	2.40	2.52	1.48	0.00	0.00	0.06	0.07	0.00	0.00
HUD VL	14.60	13.47	12.23	11.95	12.58	14.62	19.00	20.41	21.10	21.86	22.97	22.25	23.54	23.98	21.73	23.45	22.89	22.23	20.57	20.60	27.31	20.38	17.37	16.91
61758	0.72	0.72	0.65	0.70	0.72	0.84	1.24	1.42	1.49	1.52	1.86	1.74	1.77	1.81	1.64	1.52	1.54	1.43	1.26	1.25	1.42	1.31	0.95	0.77
	-6.57	-5.44	-5.00	-4.10	-4.55	-5.10	-5.22	-4.35	-4.42	-4.83	-2.68	-2.81	-4.06	-4.11	-3.72	-6.84	-6.13	-6.66	-6.69	-6.90	-12.40	-6.40	-6.71	-8.24
LONGIL	16.26	14.82	12.60	12.31	13.64	16.20	21.21	22.55	23.73	25.98	27.48	26.91	29.23	29.11	27.00	29.51	29.56	28.58	25.77	25.54	33.07	25.74	22.14	21.33
61762	0.94	0.96	0.90	0.96	1.07	1.26	1.81	2.12	2.22	2.13	2.39	2.21	2.32	2.22	1.93	1.79	1.86	1.80	1.65	1.68	1.97	1.69	1.26	0.91
	-8.00	-6.55	-5.11	-4.19	-5.26	-6.27	-6.87	-5.79	-6.32	-8.34	-6.66	-6.99	-9.20	-8.82	-8.69	-12.63	-12.48	-12.64	-11.50	-11.40	-17.61	-11.37	-11.18	-12.53
MHK VL	8.88	8.64	7.95	8.32	8.49	9.98	13.99	16.00	16.49	16.67	19.17	18.40	18.50	18.92	17.02	16.27	16.16	15.24	13.86	13.81	16.04	13.83	10.86	9.39
61756	0.23	0.21	0.19	0.20	0.20	0.26	0.45	0.57	0.56	0.57	0.74	0.69	0.66	0.65	0.57	0.51	0.52	0.49	0.45	0.46	0.50	0.46	0.30	0.22
	-1.34	-1.13	-1.18	-0.97	-0.98	-1.04	-1.00	-0.79	-0.73	-0.58	0.00	0.00	-0.14	-0.21	-0.08	-0.67	-0.42	-0.60	-0.79	-0.89	-2.05	-0.70	-0.85	-1.28
MILLWD	15.04	13.83	12.43	12.15	12.88	15.00	19.48	20.89	21.62	22.56	23.74	23.08	24.49	24.98	22.72	24.05	23.51	22.73	21.02	21.04	27.84	20.73	17.79	17.37
61759	0.81	0.81	0.73	0.79	0.82	0.94	1.39	1.62	1.70	1.72	2.10	2.00	2.02	2.06	1.85	1.72	1.73	1.60	1.41	1.39	1.58	1.43	1.09	0.87
	-6.91	-5.71	-5.12	-4.20	-4.75	-5.38	-5.55	-4.63	-4.73	-5.33	-3.21	-3.37	-4.76	-4.86	-4.50	-7.24	-6.55	-6.98	-6.99	-7.19	-12.77	-6.62	-7.00	-8.62
N.Y.C.	16.20	14.73	12.48	12.19	13.44	15.97	20.89	22.14	23.28	25.65	27.27	26.81	29.00	29.03	27.01	29.52	29.53	28.46	25.61	25.32	32.72	25.57	22.07	21.36
61761	0.88	0.88	0.78	0.84	0.88	1.02	1.49	1.71	1.78	1.81	2.19	2.12	2.11	2.17	1.96	1.82	1.84	1.70	1.51	1.48	1.63	1.53	1.20	0.95
	-8.00	-6.54	-5.11	-4.19	-5.26	-6.26	-6.86	-5.79	-6.31	-8.33	-6.64	-6.98	-9.18	-8.80	-8.68	-12.61	-12.46	-12.62	-11.48	-11.38	-17.59	-11.36	-11.16	-12.52
NORTH	7.15	7.13	6.43	6.98	7.14	8.47	12.11	14.23	14.69	15.00	17.71	17.00	17.00	17.31	15.67	14.47	14.57	13.56	12.09	12.01	12.97	12.17	9.44	7.70
61755	-0.17	-0.18	-0.15	-0.18	-0.17	-0.21	-0.43	-0.41	-0.50	-0.51	-0.72	-0.71	-0.71	-0.76	-0.70	-0.62	-0.65	-0.58	-0.53	-0.45	-0.53	-0.51	-0.26	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	14.38	13.32	12.80	12.40	12.63	14.46	18.31	19.78	20.12	19.69	19.93	19.14	19.84	20.56	18.08	19.66	18.56	18.31	17.63	17.93	24.88	17.22	14.77	14.67
61845	0.59	0.58	0.52	0.57	0.59	0.70	1.00	1.17	1.25	1.26	1.49	1.43	1.43	1.46	1.33	1.22	1.25	1.16	1.03	1.02	1.12	1.04	0.80	0.62
	-6.48	-5.44	-5.70	-4.67	-4.73	-5.08	-4.77	-3.97	-3.68	-2.92	0.00	0.00	-0.70	-1.03	-0.38	-3.35	-2.09	-3.01	-3.98	-4.45	-10.27	-3.50	-4.27	-6.16

OH 61846	8.00	8.00	7.44	7.81	7.99	8.00	8.00	13.00	12.60	11.00	10.20	10.20	10.00	10.00	10.00	10.00	10.00	10.00	11.00	12.88	15.00	13.00	10.19	8.86
	-0.24	-0.22	-0.22	-0.24	-0.22	-0.25	-0.36	-0.56	-0.59	-0.65	-0.72	-0.62	-0.65	-0.67	-0.56	-0.48	-0.43	-0.40	-0.34	-0.42	-0.45	-0.34	-0.32	-0.21
	-0.93	-0.91	-1.08	-0.89	-0.90	0.43	4.17	1.08	2.00	3.86	7.51	6.89	7.05	7.40	5.82	4.61	4.80	3.75	1.28	-0.85	-1.95	-0.67	-0.81	-1.17
PJM 61847	13.21	12.23	10.63	10.59	11.40	13.55	17.87	19.38	20.26	21.67	23.46	22.93	24.29	24.48	22.57	23.86	23.79	22.84	20.66	20.46	25.89	20.61	17.36	16.47
	0.45	0.45	0.39	0.44	0.46	0.55	0.80	0.88	0.93	0.91	1.11	1.10	1.08	1.10	1.03	0.95	0.98	0.91	0.82	0.79	0.86	0.84	0.59	0.50
	-5.45	-4.47	-3.66	-3.00	-3.63	-4.32	-4.53	-3.86	-4.14	-5.25	-3.92	-4.12	-5.50	-5.31	-5.17	-7.82	-7.59	-7.79	-7.22	-7.22	-11.53	-7.10	-7.07	-8.08
WEST 61752	8.26	8.11	7.39	7.80	7.98	9.41	13.24	15.08	15.56	15.70	18.14	17.51	17.58	18.00	16.29	15.52	15.54	14.60	13.23	13.02	15.06	13.21	10.30	8.85
	-0.12	-0.10	-0.13	-0.13	-0.11	-0.10	-0.10	-0.22	-0.24	-0.30	-0.30	-0.19	-0.25	-0.24	-0.15	-0.12	-0.03	-0.04	-0.05	-0.17	-0.13	-0.05	-0.12	-0.06
	-1.07	-0.90	-0.94	-0.77	-0.78	-0.83	-0.80	-0.66	-0.61	-0.48	0.00	0.00	-0.12	-0.17	-0.06	-0.55	-0.35	-0.50	-0.66	-0.74	-1.70	-0.58	-0.71	-1.02