

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/25/2016

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	18.15	16.39	15.02	13.53	11.72	12.10	12.99	11.72	14.46	15.26	15.01	15.87	16.24	17.62	17.14	18.46	18.08	18.57	18.98	22.17	19.11	16.22	13.32	12.73
61757	0.90	0.78	0.70	0.64	0.62	0.57	0.70	0.82	0.99	0.99	0.94	0.95	0.96	0.99	1.03	1.01	1.05	1.12	1.14	1.38	1.17	1.08	0.91	0.77
	-6.12	-6.29	-5.71	-5.14	-3.41	-4.07	-3.85	-0.99	-2.24	-1.99	-1.65	-1.85	-2.36	-3.28	-2.32	-3.94	-2.58	-2.34	-2.66	-2.42	-2.37	-0.55	0.00	-0.73
CENTRL	11.79	10.02	9.24	8.33	8.10	7.90	8.91	10.13	11.57	12.56	12.64	13.42	13.32	13.89	14.23	14.15	14.89	15.52	15.60	18.72	15.93	14.75	12.51	11.32
61754	0.06	0.08	0.07	0.07	0.07	0.05	0.09	0.13	0.12	0.09	0.06	0.17	0.16	0.20	0.22	0.24	0.17	0.17	0.15	0.11	0.11	0.10	0.10	0.02
	-0.60	-0.62	-0.56	-0.51	-0.34	-0.40	-0.38	-0.10	-0.22	-0.20	-0.16	-0.19	-0.24	-0.33	-0.23	-0.40	-0.27	-0.24	-0.27	-0.24	-0.24	-0.06	0.00	-0.07
DUNWOD	16.70	14.85	13.64	12.27	10.93	11.17	12.08	11.54	13.95	15.00	15.00	15.89	16.12	17.32	17.10	18.01	17.91	18.42	18.70	22.03	18.92	16.60	13.68	12.82
61760	1.02	0.85	0.78	0.69	0.70	0.68	0.78	0.90	1.05	1.24	1.35	1.45	1.45	1.54	1.60	1.58	1.65	1.66	1.64	1.95	1.67	1.62	1.27	1.08
	-4.55	-4.68	-4.25	-3.82	-2.54	-3.03	-2.87	-0.74	-1.67	-1.48	-1.23	-1.37	-1.75	-2.43	-1.72	-2.92	-1.82	-1.65	-1.88	-1.71	-1.67	-0.39	0.00	-0.51
GENESE	11.57	9.90	9.11	8.20	7.95	7.75	8.74	9.99	11.38	12.19	12.25	13.12	13.07	13.66	14.01	13.93	14.52	15.16	15.14	18.07	15.44	14.33	12.33	11.01
61753	-0.12	0.00	-0.03	-0.03	-0.06	-0.08	-0.05	0.00	-0.06	-0.27	-0.32	-0.12	-0.08	0.00	0.01	0.05	-0.17	-0.18	-0.26	-0.50	-0.33	-0.31	-0.09	-0.28
	-0.57	-0.58	-0.53	-0.47	-0.31	-0.38	-0.36	-0.09	-0.21	-0.18	-0.15	-0.17	-0.22	-0.31	-0.22	-0.37	-0.25	-0.23	-0.22	-0.20	-0.19	-0.05	0.00	-0.06
H Q	10.71	8.92	8.25	7.42	7.40	7.17	8.10	9.57	10.83	11.86	12.01	12.57	12.43	12.81	13.24	12.94	13.85	14.51	14.59	17.72	15.01	14.08	12.02	10.89
61844	-0.31	-0.29	-0.27	-0.24	-0.24	-0.22	-0.27	-0.32	-0.36	-0.38	-0.39	-0.47	-0.46	-0.49	-0.51	-0.51	-0.55	-0.56	-0.55	-0.61	-0.53	-0.50	-0.40	-0.33
	0.11	0.11	0.10	0.09	0.06	0.07	0.07	0.02	0.04	0.04	0.03	0.03	0.03	0.05	0.03	0.06	0.04	0.04	0.04	0.04	0.04	0.01	0.00	0.01
HUD VL	16.63	14.81	13.61	12.25	10.90	11.13	12.04	11.45	13.83	14.86	14.85	15.74	15.95	17.14	16.93	17.84	17.73	18.25	18.55	21.91	18.77	16.41	13.53	12.73
61758	0.97	0.83	0.77	0.69	0.68	0.66	0.75	0.81	0.94	1.11	1.20	1.31	1.28	1.36	1.43	1.42	1.47	1.50	1.49	1.84	1.53	1.43	1.12	0.99
	-4.53	-4.66	-4.23	-3.80	-2.52	-3.02	-2.85	-0.73	-1.66	-1.48	-1.22	-1.37	-1.74	-2.43	-1.72	-2.91	-1.82	-1.65	-1.88	-1.71	-1.67	-0.39	0.00	-0.51
LONGIL	16.97	15.02	13.79	12.42	11.11	11.35	12.36	11.88	14.22	15.43	15.56	16.34	17.58	18.34	17.77	21.01	21.20	21.98	19.89	24.79	20.74	17.22	14.14	13.21
61762	1.29	1.02	0.92	0.84	0.88	0.86	1.05	1.23	1.32	1.66	1.74	1.89	1.87	2.00	2.07	2.04	2.15	2.21	2.19	2.65	2.27	2.11	1.71	1.46
	-4.56	-4.68	-4.25	-3.82	-2.54	-3.03	-2.87	-0.75	-1.67	-1.49	-1.40	-1.38	-2.78	-2.98	-1.92	-5.46	-4.61	-4.67	-2.52	-3.78	-2.89	-0.52	-0.01	-0.52
MHK VL	11.90	10.04	9.26	8.34	8.16	7.96	8.97	10.29	11.78	12.86	12.99	13.61	13.48	13.97	14.35	14.17	15.02	15.70	15.91	19.20	16.25	15.07	12.76	11.58
61756	0.32	0.26	0.23	0.21	0.22	0.21	0.25	0.32	0.39	0.44	0.45	0.41	0.36	0.36	0.39	0.35	0.37	0.41	0.52	0.64	0.48	0.44	0.35	0.29
	-0.44	-0.46	-0.42	-0.37	-0.25	-0.30	-0.28	-0.07	-0.16	-0.15	-0.12	-0.15	-0.18	-0.26	-0.18	-0.31	-0.20	-0.19	-0.21	-0.19	-0.19	-0.04	0.00	-0.06
MILLWD	16.73	14.90	13.69	12.32	10.96	11.19	12.10	11.54	13.96	15.00	15.00	15.89	16.11	17.33	17.10	18.02	17.92	18.43	18.73	22.07	18.94	16.57	13.67	12.81
61759	1.01	0.86	0.79	0.71	0.71	0.68	0.78	0.89	1.05	1.23	1.34	1.44	1.42	1.52	1.58	1.57	1.63	1.65	1.64	1.97	1.67	1.59	1.25	1.07
	-4.59	-4.72	-4.28	-3.86	-2.56	-3.06	-2.89	-0.74	-1.68	-1.50	-1.24	-1.39	-1.76	-2.45	-1.74	-2.95	-1.84	-1.67	-1.90	-1.73	-1.69	-0.40	0.00	-0.52
N.Y.C.	17.15	15.31	13.95	12.55	11.12	11.60	12.54	12.30	15.03	16.00	15.31	17.21	17.38	18.38	18.15	18.15	18.24	18.58	19.46	22.20	19.61	16.97	14.09	13.25
61761	1.12	0.92	0.85	0.76	0.77	0.73	0.83	0.96	1.16	1.36	1.46	1.58	1.58	1.67	1.74	1.70	1.78	1.80	1.76	2.06	1.79	1.76	1.40	1.20
	-4.90	-5.07	-4.48	-4.04	-2.65	-3.41	-3.28	-1.43	-2.65	-2.36	-1.43	-2.56	-2.88	-3.36	-2.64	-2.94	-2.02	-1.67	-2.52	-1.77	-2.24	-0.62	-0.27	-0.82
NORTH	10.62	8.75	8.09	7.28	7.26	7.07	7.97	9.45	10.71	11.75	11.85	12.30	12.19	12.50	12.91	12.59	13.52	14.22	14.29	17.52	14.82	13.89	11.93	10.80
61755	-0.33	-0.38	-0.35	-0.33	-0.33	-0.27	-0.35	-0.43	-0.45	-0.47	-0.52	-0.72	-0.69	-0.77	-0.81	-0.82	-0.85	-0.83	-0.82	-0.79	-0.70	-0.69	-0.48	-0.40
	0.18	0.18	0.17	0.15	0.10	0.12	0.11	0.03	0.07	0.06	0.05	0.04	0.06	0.08	0.05	0.09	0.07	0.06	0.07	0.06	0.06	0.01	0.00	0.02
NPX	17.40	15.60	14.32	12.89	11.30	11.64	12.51	11.58	14.15	15.05	14.94	15.83	16.12	17.40	17.02	18.16	17.94	18.44	18.80	22.01	18.95	16.31	13.41	12.72
61845	0.88	0.74	0.67	0.61	0.60	0.59	0.68	0.80	0.94	1.02	1.07	1.14	1.12	1.16	1.20	1.19	1.26	1.30	1.31	1.54	1.32	1.24	0.99	0.86
	-5.39	-5.54	-5.03	-4.53	-3.00	-3.59	-3.40	-0.87	-1.98	-1.76	-1.45	-1.63	-2.07	-2.88	-2.04	-3.47	-2.24	-2.03	-2.31	-2.10	-2.05	-0.48	0.00	-0.63

OH 61846	11.70	10.08	9.30	8.39	8.10	7.91	8.91	10.04	11.42	12.14	12.17	13.06	13.00	13.65	14.00	14.00	14.50	15.02	15.00	17.73	15.23	14.20	12.20	10.88
	-0.14	0.02	0.02	0.03	0.01	-0.03	0.03	0.02	-0.07	-0.37	-0.45	-0.22	-0.21	-0.09	-0.05	0.03	-0.26	-0.38	-0.47	-0.90	-0.61	-0.45	-0.21	-0.43
	-0.72	-0.74	-0.67	-0.60	-0.40	-0.48	-0.45	-0.12	-0.26	-0.23	-0.19	-0.22	-0.28	-0.39	-0.27	-0.47	-0.32	-0.29	-0.29	-0.26	-0.26	-0.06	0.00	-0.08
PJM 61847	14.03	12.28	11.30	10.18	9.41	9.42	10.38	10.75	12.63	13.54	13.55	14.44	14.50	15.41	15.50	15.92	16.17	16.68	16.79	19.88	17.04	15.40	12.94	11.83
	0.42	0.41	0.38	0.35	0.34	0.31	0.39	0.45	0.49	0.45	0.46	0.63	0.62	0.73	0.79	0.82	0.72	0.66	0.59	0.59	0.56	0.60	0.52	0.33
	-2.48	-2.54	-2.31	-2.08	-1.38	-1.65	-1.56	-0.40	-0.91	-0.81	-0.67	-0.75	-0.95	-1.33	-0.94	-1.59	-1.00	-0.91	-1.02	-0.93	-0.90	-0.21	0.00	-0.28
WEST 61752	11.89	10.25	9.45	8.53	8.24	8.05	9.09	10.27	11.70	12.43	12.43	13.37	13.32	13.97	14.32	14.34	14.85	15.39	15.40	18.14	15.61	14.53	12.49	11.11
	0.07	0.21	0.19	0.19	0.16	0.13	0.22	0.26	0.22	-0.07	-0.17	0.09	0.12	0.24	0.28	0.38	0.10	0.00	-0.06	-0.48	-0.22	-0.12	0.07	-0.19
	-0.70	-0.71	-0.65	-0.58	-0.39	-0.46	-0.44	-0.11	-0.26	-0.23	-0.19	-0.21	-0.27	-0.38	-0.27	-0.45	-0.31	-0.28	-0.28	-0.25	-0.25	-0.06	0.00	-0.08