

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/29/2016

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	20.05	19.92	20.03	16.98	16.51	16.00	17.55	18.28	19.87	22.28	22.94	21.79	20.93	20.88	19.98	20.07	20.64	24.04	26.25	25.07	20.95	20.19	15.29	15.13
61757	0.77	0.75	0.71	0.69	0.69	0.72	0.93	0.96	1.23	1.34	1.28	1.24	1.28	1.26	1.20	1.15	1.10	1.53	1.71	1.55	1.23	1.09	0.96	0.86
	-7.77	-8.43	-8.84	-6.04	-5.43	-4.61	-4.05	-4.58	-3.65	-3.98	-4.79	-3.98	-3.00	-3.22	-3.14	-3.97	-4.69	-2.16	-0.16	0.00	-1.30	-3.06	-0.14	0.00
CENTRL	12.36	11.68	11.33	10.85	10.94	11.23	13.17	13.42	15.56	17.54	17.53	17.13	17.13	16.91	16.15	15.55	15.55	20.96	24.82	23.97	18.86	16.47	14.27	14.27
61754	0.08	0.11	-0.02	0.00	0.01	0.10	0.19	0.22	0.21	0.19	0.19	0.17	0.18	0.20	0.20	0.21	0.21	0.32	0.39	0.42	0.20	0.13	0.07	0.00
	-0.77	-0.83	-0.87	-0.60	-0.54	-0.46	-0.40	-0.45	-0.36	-0.39	-0.47	-0.39	-0.30	-0.32	-0.31	-0.39	-0.48	-0.28	-0.05	-0.03	-0.25	-0.30	-0.01	0.00
DUNWOD	18.04	17.61	17.57	15.36	15.11	14.89	16.62	17.15	19.14	21.60	22.10	21.20	20.64	20.52	19.59	19.39	20.62	26.71	28.67	27.38	25.56	20.00	15.85	15.71
61760	1.23	1.13	1.07	0.99	1.02	1.08	1.28	1.29	1.66	1.93	1.97	1.92	1.95	1.93	1.81	1.73	1.78	2.42	2.92	2.80	2.19	1.88	1.57	1.44
	-5.29	-5.74	-6.02	-4.11	-3.70	-3.14	-2.75	-3.12	-2.48	-2.71	-3.26	-2.71	-2.04	-2.19	-2.14	-2.70	-3.98	-3.94	-1.36	-1.06	-4.95	-2.09	-0.10	0.00
GENESE	11.98	11.29	10.87	10.46	10.56	10.95	12.94	13.14	15.18	16.95	16.90	16.61	16.68	16.49	15.76	15.17	15.13	20.34	24.08	23.33	18.21	15.98	13.97	13.90
61753	-0.16	-0.13	-0.32	-0.29	-0.27	-0.10	0.04	0.03	-0.10	-0.32	-0.36	-0.28	-0.22	-0.16	-0.13	-0.10	-0.10	-0.18	-0.32	-0.19	-0.31	-0.31	-0.23	-0.37
	-0.63	-0.68	-0.72	-0.49	-0.44	-0.37	-0.33	-0.37	-0.29	-0.32	-0.39	-0.32	-0.24	-0.26	-0.25	-0.32	-0.38	-0.17	-0.01	0.00	-0.11	-0.25	-0.01	0.00
H Q	11.02	10.25	10.06	9.89	10.03	10.27	12.09	12.24	14.40	16.30	16.20	15.92	16.01	15.74	15.01	14.32	14.22	19.52	23.43	22.60	17.73	15.43	13.71	13.90
61844	-0.37	-0.35	-0.27	-0.27	-0.28	-0.33	-0.43	-0.43	-0.54	-0.59	-0.59	-0.58	-0.60	-0.61	-0.58	-0.57	-0.56	-0.79	-0.95	-0.92	-0.66	-0.56	-0.47	-0.37
	0.12	0.14	0.14	0.10	0.09	0.07	0.06	0.07	0.06	0.06	0.08	0.06	0.05	0.05	0.05	0.06	0.07	0.03	0.00	0.00	0.02	0.05	0.00	0.00
HUD VL	18.03	17.61	17.58	15.38	15.12	14.89	16.59	17.12	19.09	21.49	21.96	21.11	20.52	20.37	19.47	19.28	20.32	26.18	28.31	27.03	24.73	19.82	15.70	15.57
61758	1.20	1.11	1.06	0.99	1.01	1.06	1.25	1.24	1.61	1.82	1.82	1.82	1.82	1.77	1.69	1.62	1.60	2.26	2.75	2.61	1.97	1.70	1.42	1.30
	-5.31	-5.77	-6.05	-4.13	-3.71	-3.16	-2.77	-3.13	-2.49	-2.72	-3.27	-2.72	-2.05	-2.20	-2.15	-2.72	-3.86	-3.57	-1.18	-0.91	-4.35	-2.08	-0.10	0.00
LONGIL	18.50	17.96	17.97	15.63	15.41	15.29	17.12	17.70	19.49	22.07	22.79	21.76	21.23	20.89	19.91	19.78	20.98	27.39	29.52	29.17	26.28	22.08	18.31	16.48
61762	1.69	1.47	1.47	1.26	1.31	1.47	1.79	1.84	2.01	2.41	2.65	2.48	2.53	2.30	2.13	2.12	2.14	3.09	3.78	3.69	2.89	2.45	2.10	1.94
	-5.29	-5.75	-6.02	-4.12	-3.70	-3.14	-2.76	-3.12	-2.49	-2.71	-3.28	-2.71	-2.04	-2.20	-2.14	-2.71	-3.99	-3.94	-1.36	-1.96	-4.97	-3.58	-2.03	-0.27
MHK VL	12.47	11.73	11.47	10.99	11.10	11.32	13.26	13.52	15.69	17.78	17.76	17.39	17.34	17.06	16.28	15.61	15.59	21.24	25.18	24.27	19.21	16.63	14.48	14.53
61756	0.30	0.28	0.24	0.23	0.25	0.26	0.34	0.38	0.39	0.49	0.49	0.48	0.43	0.39	0.37	0.33	0.31	0.55	0.71	0.68	0.42	0.35	0.28	0.26
	-0.66	-0.71	-0.75	-0.51	-0.46	-0.39	-0.34	-0.39	-0.31	-0.34	-0.41	-0.34	-0.25	-0.27	-0.27	-0.34	-0.42	-0.34	-0.10	-0.07	-0.37	-0.24	-0.01	0.00
MILLWD	18.08	17.67	17.64	15.41	15.15	14.92	16.61	17.16	19.14	21.63	22.12	21.21	20.64	20.52	19.58	19.39	20.61	26.69	28.61	27.30	25.48	20.00	15.80	15.66
61759	1.21	1.12	1.07	0.99	1.01	1.07	1.25	1.25	1.63	1.93	1.96	1.90	1.91	1.90	1.78	1.70	1.74	2.40	2.88	2.73	2.14	1.84	1.52	1.38
	-5.36	-5.82	-6.10	-4.16	-3.74	-3.18	-2.79	-3.16	-2.52	-2.74	-3.30	-2.74	-2.07	-2.22	-2.16	-2.74	-4.02	-3.94	-1.36	-1.06	-4.93	-2.11	-0.10	0.00
N.Y.C.	18.16	17.71	17.66	15.44	15.20	14.96	16.69	17.23	19.23	21.72	22.24	21.33	20.78	20.65	19.71	19.52	20.76	26.88	28.84	27.59	25.74	20.20	16.03	15.86
61761	1.35	1.22	1.16	1.08	1.10	1.14	1.36	1.36	1.75	2.05	2.11	2.05	2.08	2.07	1.94	1.87	1.92	2.59	3.10	3.01	2.38	2.07	1.74	1.58
	-5.29	-5.75	-6.03	-4.11	-3.70	-3.14	-2.76	-3.12	-2.48	-2.71	-3.26	-2.71	-2.04	-2.19	-2.14	-2.70	-3.98	-3.94	-1.36	-1.06	-4.95	-2.09	-0.10	0.00
NORTH	10.79	10.02	9.86	9.72	9.85	10.03	11.87	12.00	14.04	15.99	15.85	15.59	15.64	15.31	14.57	13.89	13.77	18.91	22.74	21.92	17.28	15.05	13.43	13.67
61755	-0.52	-0.49	-0.39	-0.38	-0.41	-0.52	-0.60	-0.62	-0.85	-0.86	-0.89	-0.88	-0.93	-1.00	-0.98	-0.96	-0.97	-1.38	-1.63	-1.60	-1.10	-0.91	-0.75	-0.60
	0.20	0.22	0.23	0.16	0.14	0.12	0.11	0.12	0.10	0.10	0.13	0.10	0.08	0.08	0.08	0.10	0.12	0.05	0.00	0.00	0.03	0.08	0.00	0.00
NPX	19.09	18.80	18.80	16.20	17.40	18.00	20.59	21.71	23.30	24.56	24.79	24.12	23.00	22.57	21.80	21.05	22.41	26.21	31.80	29.49	23.80	21.28	20.10	18.45
61845	1.14	1.07	1.00	0.94	1.00	1.05	1.27	1.27	1.63	1.87	1.87	1.84	1.85	1.84	1.74	1.66	1.66	2.26	2.41	2.28	1.79	1.56	1.33	1.21
	-6.43	-6.99	-7.33	-5.00	-6.01	-6.28	-6.74	-7.69	-6.67	-5.74	-6.05	-5.71	-4.50	-4.34	-4.43	-4.44	-5.89	-3.60	-5.01	-3.69	-3.60	-3.69	-4.59	-2.97

OH 61846	12.05	11.51	11.00	10.52	10.63	11.01	13.00	13.16	15.20	16.92	16.89	16.46	16.57	16.39	15.70	15.18	15.20	20.27	24.00	23.25	18.19	15.85	13.70	13.33
	-0.32	-0.16	-0.45	-0.40	-0.36	-0.17	-0.03	-0.09	-0.20	-0.47	-0.51	-0.55	-0.42	-0.36	-0.28	-0.21	-0.19	-0.39	-0.44	-0.31	-0.50	-0.53	-0.50	-0.57
	-0.86	-0.93	-0.98	-0.67	-0.60	-0.51	-0.45	-0.50	-0.40	-0.44	-0.53	-0.44	-0.33	-0.36	-0.35	-0.44	-0.54	-0.31	-0.06	-0.03	-0.27	-0.34	-0.02	0.37
PJM 61847	14.85	14.35	14.07	12.80	12.74	12.83	14.70	15.05	17.09	19.17	19.38	18.73	18.54	18.37	17.55	17.17	17.72	23.27	26.24	25.24	21.54	17.86	14.74	14.69
	0.44	0.47	0.30	0.30	0.32	0.44	0.62	0.60	0.73	0.73	0.72	0.68	0.77	0.77	0.75	0.75	0.77	1.02	1.24	1.25	0.83	0.67	0.51	0.41
	-2.89	-3.14	-3.29	-2.25	-2.02	-1.72	-1.51	-1.70	-1.36	-1.48	-1.78	-1.48	-1.12	-1.20	-1.17	-1.48	-2.10	-1.90	-0.62	-0.47	-2.29	-1.14	-0.05	0.00
WEST 61752	12.23	11.68	11.15	10.66	10.78	11.19	13.28	13.47	15.57	17.36	17.36	16.87	16.99	16.80	16.08	15.53	15.55	20.77	24.63	23.90	18.64	16.21	14.03	14.00
	-0.10	0.05	-0.26	-0.24	-0.19	0.03	0.28	0.24	0.19	-0.02	-0.02	-0.12	0.02	0.07	0.11	0.16	0.18	0.12	0.19	0.35	-0.04	-0.16	-0.17	-0.27
	-0.82	-0.89	-0.93	-0.64	-0.57	-0.49	-0.43	-0.48	-0.39	-0.42	-0.51	-0.42	-0.32	-0.34	-0.33	-0.42	-0.52	-0.30	-0.06	-0.03	-0.26	-0.32	-0.02	0.00