

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/08/2016

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	18.67	16.91	14.50	13.47	13.85	13.00	17.01	18.61	18.83	21.58	20.73	21.00	21.86	21.62	21.21	21.24	21.38	21.54	23.66	23.00	21.51	20.57	17.67	15.62
61757	0.43	0.43	0.43	0.43	0.42	0.42	0.53	0.46	0.76	0.76	0.76	0.72	0.73	0.74	0.75	0.74	0.74	0.75	0.78	0.74	0.76	0.73	0.77	0.63
	-12.03	-10.60	-8.19	-7.15	-7.53	-6.69	-9.09	-11.52	-7.75	-10.88	-10.06	-10.64	-11.34	-10.93	-10.26	-10.30	-10.32	-10.58	-12.77	-12.68	-10.55	-9.53	-6.54	-5.58
CENTRL	7.91	7.36	7.02	6.90	6.97	6.85	8.73	8.28	13.08	15.49	17.09	17.14	16.43	15.51	15.51	15.50	14.85	15.54	16.31	17.80	15.49	14.74	12.65	10.30
61754	0.09	0.06	0.05	0.06	0.07	0.07	0.12	0.11	0.15	0.17	0.17	0.16	0.16	0.16	0.15	0.15	0.15	0.17	0.17	0.16	0.16	0.13	0.14	0.14
	-1.60	-1.41	-1.09	-0.95	-1.00	-0.89	-1.23	-1.56	-2.62	-5.37	-7.02	-7.34	-6.49	-5.41	-5.16	-5.15	-4.38	-5.17	-6.02	-8.06	-5.12	-4.30	-2.15	-0.75
DUNWOD	16.64	15.08	13.08	12.24	12.57	11.89	15.49	16.61	18.16	20.94	20.71	20.96	21.44	21.01	20.70	20.74	20.69	20.96	22.79	22.69	20.96	20.08	17.19	14.97
61760	0.62	0.55	0.52	0.53	0.54	0.54	0.72	0.64	1.12	1.09	1.09	1.07	1.09	1.11	1.14	1.15	1.18	1.14	1.11	1.06	1.15	1.19	1.16	1.02
	-9.80	-8.64	-6.68	-5.83	-6.14	-5.45	-7.38	-9.35	-6.72	-9.90	-9.72	-10.25	-10.56	-9.95	-9.36	-9.39	-9.19	-9.62	-11.57	-12.05	-9.60	-8.58	-5.67	-4.55
GENESE	7.52	6.99	6.71	6.62	6.68	6.60	8.38	7.87	12.73	15.11	16.77	16.77	16.08	15.15	15.14	15.12	14.44	15.16	15.87	17.48	15.10	14.31	12.28	9.96
61753	-0.01	-0.05	-0.06	-0.04	-0.04	-0.02	0.01	-0.01	-0.06	-0.08	-0.11	-0.15	-0.09	-0.07	-0.09	-0.10	-0.10	-0.08	-0.09	-0.07	-0.09	-0.15	-0.10	-0.06
	-1.31	-1.16	-0.89	-0.78	-0.82	-0.73	-0.99	-1.26	-2.48	-5.24	-6.97	-7.29	-6.38	-5.27	-5.04	-5.03	-4.23	-5.04	-5.84	-7.97	-4.99	-4.17	-2.02	-0.60
H Q	6.05	5.75	5.75	5.75	5.75	5.75	7.20	6.46	10.27	10.27	10.49	10.27	10.27	10.27	10.49	10.49	10.49	10.49	10.49	10.27	10.49	10.49	10.27	9.17
61844	-0.16	-0.14	-0.13	-0.14	-0.14	-0.14	-0.18	-0.16	-0.28	-0.27	-0.27	-0.26	-0.26	-0.27	-0.27	-0.27	-0.28	-0.27	-0.27	-0.27	-0.28	-0.27	-0.28	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.59	-0.85	-0.89	-0.75	-0.59	-0.57	-0.57	-0.45	-0.56	-0.65	-0.96	-0.56	-0.46	-0.19	0.00
HUD VL	16.63	15.09	13.10	12.27	12.59	11.89	15.49	16.62	18.11	20.88	20.64	20.90	21.39	20.96	20.66	20.69	20.65	20.91	22.77	22.66	20.90	20.02	17.13	14.95
61758	0.60	0.55	0.53	0.54	0.55	0.54	0.70	0.62	1.06	1.02	1.02	1.01	1.04	1.05	1.09	1.09	1.12	1.08	1.08	1.03	1.09	1.12	1.09	0.98
	-9.82	-8.66	-6.69	-5.84	-6.15	-5.47	-7.40	-9.38	-6.74	-9.91	-9.72	-10.25	-10.57	-9.96	-9.37	-9.40	-9.21	-9.63	-11.58	-12.05	-9.61	-8.59	-5.68	-4.56
LONGIL	16.79	15.08	13.01	12.23	12.56	11.90	15.64	16.75	18.79	21.23	21.01	21.25	21.76	21.27	20.94	21.01	21.02	21.71	25.56	25.66	22.43	20.32	17.25	15.04
61762	0.76	0.55	0.45	0.52	0.52	0.55	0.87	0.77	1.52	1.38	1.39	1.36	1.41	1.37	1.39	1.42	1.51	1.52	1.52	1.45	1.48	1.43	1.22	1.08
	-9.81	-8.65	-6.68	-5.83	-6.14	-5.46	-7.39	-9.36	-6.96	-9.90	-9.72	-10.25	-10.57	-9.95	-9.36	-9.39	-9.20	-9.99	-13.93	-14.63	-10.75	-8.58	-5.67	-4.55
MHK VL	8.26	7.68	7.30	7.16	7.23	7.09	8.99	8.57	13.36	15.69	17.21	17.26	16.59	15.68	15.66	15.63	15.00	15.66	16.46	17.90	15.64	14.99	12.89	10.52
61756	0.24	0.21	0.19	0.20	0.21	0.19	0.27	0.26	0.40	0.39	0.39	0.39	0.37	0.36	0.37	0.35	0.34	0.35	0.38	0.38	0.36	0.42	0.38	0.33
	-1.80	-1.59	-1.23	-1.07	-1.13	-1.00	-1.33	-1.69	-2.65	-5.35	-6.92	-7.24	-6.43	-5.38	-5.10	-5.09	-4.34	-5.11	-5.96	-7.94	-5.07	-4.27	-2.15	-0.79
MILLWD	16.67	15.12	13.12	12.28	12.60	11.91	15.50	16.65	18.18	20.96	20.71	20.97	21.46	21.04	20.73	20.76	20.72	20.98	22.83	22.72	20.98	20.10	17.20	14.98
61759	0.61	0.56	0.53	0.54	0.54	0.54	0.71	0.64	1.12	1.09	1.08	1.07	1.10	1.12	1.15	1.15	1.19	1.14	1.12	1.07	1.15	1.19	1.15	1.01
	-9.84	-8.67	-6.70	-5.85	-6.17	-5.48	-7.41	-9.39	-6.74	-9.91	-9.73	-10.26	-10.58	-9.97	-9.38	-9.41	-9.22	-9.63	-11.59	-12.06	-9.62	-8.60	-5.69	-4.57
N.Y.C.	16.68	15.12	13.12	12.26	12.59	11.91	15.52	16.66	18.23	21.01	20.78	21.03	21.50	21.08	20.78	20.81	20.77	21.02	22.84	22.74	21.03	20.18	17.31	15.07
61761	0.66	0.59	0.56	0.55	0.56	0.56	0.75	0.68	1.20	1.16	1.16	1.14	1.15	1.18	1.22	1.22	1.26	1.20	1.16	1.11	1.22	1.30	1.27	1.11
	-9.80	-8.64	-6.68	-5.83	-6.14	-5.46	-7.38	-9.35	-6.72	-9.90	-9.72	-10.25	-10.56	-9.95	-9.36	-9.39	-9.19	-9.62	-11.57	-12.05	-9.60	-8.58	-5.68	-4.55
NORTH	6.01	5.72	5.73	5.73	5.73	5.70	7.04	6.30	10.33	10.70	11.22	11.00	10.83	10.66	10.90	10.90	10.75	10.88	10.95	11.04	10.90	10.83	10.32	9.03
61755	-0.20	-0.16	-0.15	-0.15	-0.16	-0.19	-0.22	-0.17	-0.37	-0.33	-0.32	-0.35	-0.35	-0.37	-0.34	-0.34	-0.36	-0.35	-0.33	-0.35	-0.33	-0.29	-0.34	-0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.16	-0.39	-1.08	-1.64	-1.71	-1.40	-1.08	-1.05	-1.04	-0.80	-1.03	-1.17	-1.82	-1.02	-0.82	-0.31	0.08
NPX	17.65	15.99	13.78	12.84	13.20	12.44	16.30	17.70	18.49	21.26	20.68	20.96	21.64	21.30	20.93	20.98	21.02	21.24	23.20	22.81	21.19	20.27	17.36	15.24
61845	0.50	0.46	0.45	0.45	0.46	0.47	0.59	0.53	0.88	0.85	0.83	0.82	0.82	0.84	0.86	0.87	0.87	0.87	0.88	0.82	0.88	0.89	0.88	0.76
	-10.94	-9.64	-7.45	-6.50	-6.85	-6.09	-8.32	-10.54	-7.30	-10.46	-9.95	-10.51	-11.03	-10.52	-9.88	-9.92	-9.83	-10.18	-12.21	-12.41	-10.11	-9.08	-6.12	-5.07

OH 61846	7.91	7.36	6.99	6.87	6.95	6.84	8.71	8.23	10.93	12.36	13.46	13.83	13.77	12.37	12.85	13.01	14.59	15.26	16.00	17.54	15.25	14.44	12.38	10.17
	-0.05	-0.06	-0.08	-0.05	-0.04	-0.02	0.01	-0.06	-0.21	-0.20	-0.24	-0.23	-0.23	-0.23	-0.24	-0.23	-0.23	-0.23	-0.28	-0.26	-0.20	-0.28	-0.20	-0.05
	-1.75	-1.54	-1.19	-1.04	-1.10	-0.97	-1.32	-1.67	-0.83	-2.61	-3.80	-4.42	-4.22	-2.65	-2.90	-3.05	-4.50	-5.30	-6.17	-8.22	-5.25	-4.42	-2.22	-0.81
PJM 61847	12.09	11.07	9.93	9.46	9.66	9.27	11.97	12.27	15.44	18.05	18.78	18.94	18.78	18.08	17.93	17.95	17.59	18.08	19.34	20.10	18.06	17.21	14.75	12.50
	0.30	0.27	0.25	0.26	0.27	0.28	0.38	0.32	0.51	0.50	0.49	0.48	0.48	0.49	0.50	0.51	0.53	0.51	0.48	0.45	0.52	0.49	0.53	0.51
	-5.58	-4.92	-3.80	-3.32	-3.50	-3.11	-4.20	-5.33	-4.62	-7.61	-8.39	-8.82	-8.52	-7.65	-7.24	-7.25	-6.75	-7.37	-8.75	-10.06	-7.33	-6.41	-3.87	-2.59
WEST 61752	7.97	7.42	7.05	6.95	7.02	6.93	8.84	8.33	13.00	15.44	17.01	17.08	16.36	15.44	15.42	15.42	14.78	15.44	16.17	17.72	15.45	14.64	12.57	10.34
	0.08	0.05	0.03	0.06	0.08	0.10	0.18	0.10	0.02	0.03	-0.01	0.00	-0.02	0.00	-0.02	-0.01	0.00	-0.02	-0.06	-0.04	0.03	-0.04	0.02	0.15
	-1.68	-1.48	-1.14	-1.00	-1.05	-0.93	-1.27	-1.61	-2.67	-5.46	-7.12	-7.44	-6.59	-5.49	-5.25	-5.24	-4.46	-5.26	-6.12	-8.18	-5.21	-4.38	-2.19	-0.78