

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/23/2016

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	20.79	19.47	15.06	15.05	12.90	10.61	11.15	13.43	15.46	16.77	17.28	16.88	16.63	16.08	16.00	16.68	20.81	25.23	25.42	21.22	18.83	15.53	14.09
61757	0.69	0.58	0.48	0.52	0.52	0.60	0.70	0.81	1.03	1.20	1.32	1.33	1.33	1.31	1.25	1.22	1.27	1.57	1.88	1.87	1.59	1.42	1.07	0.94
	-8.62	-11.99	-12.10	-7.37	-7.04	-4.16	0.00	0.00	0.03	0.04	0.09	0.10	0.06	0.09	0.08	0.05	0.06	0.14	0.19	0.19	0.01	0.08	0.04	0.05
CENTRL	10.20	9.38	8.04	7.89	8.18	8.58	10.01	10.48	12.49	14.39	15.55	16.03	15.62	15.38	14.90	14.86	15.47	19.36	23.55	23.81	19.57	17.43	14.56	13.22
61754	0.04	0.03	0.02	0.04	0.04	0.05	0.10	0.13	0.09	0.13	0.09	0.08	0.06	0.06	0.07	0.07	0.06	0.12	0.24	0.26	0.08	0.02	0.10	0.07
	-0.81	-1.12	-1.13	-0.69	-0.66	-0.39	0.00	0.00	0.03	0.04	0.09	0.10	0.06	0.09	0.08	0.05	0.06	0.14	0.23	0.19	0.14	0.08	0.04	0.05
DUNWOD	16.23	17.27	15.88	12.93	13.03	11.80	10.93	11.43	13.80	15.88	17.30	17.91	17.45	17.22	16.61	16.54	17.28	21.60	26.64	26.25	23.88	19.51	16.09	14.64
61760	0.97	0.84	0.70	0.72	0.73	0.81	1.02	1.09	1.37	1.59	1.76	1.86	1.83	1.82	1.71	1.70	1.81	2.21	2.59	2.52	2.26	2.01	1.59	1.44
	-5.90	-8.20	-8.28	-5.04	-4.82	-2.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.51	0.00	-1.99	0.00	0.00	0.00
GENESE	9.94	9.03	7.74	7.65	7.93	8.40	9.93	10.40	12.29	14.14	15.31	15.74	15.28	15.07	14.63	14.58	15.07	18.90	23.05	23.32	19.04	16.92	14.33	13.02
61753	-0.09	-0.12	-0.09	-0.09	-0.10	-0.07	0.02	0.06	-0.12	-0.13	-0.17	-0.24	-0.30	-0.28	-0.22	-0.22	-0.36	-0.39	-0.33	-0.28	-0.49	-0.52	-0.13	-0.14
	-0.67	-0.93	-0.94	-0.57	-0.55	-0.32	0.00	0.00	0.02	0.03	0.06	0.07	0.04	0.06	0.05	0.03	0.04	0.10	0.16	0.13	0.10	0.06	0.03	0.03
H Q	8.85	7.70	6.41	6.76	7.08	7.76	9.55	9.93	10.43	11.90	10.49	10.46	11.75	10.43	10.43	11.82	11.75	11.46	11.09	13.13	11.48	12.51	11.93	10.27
61844	-0.34	-0.29	-0.24	-0.26	-0.27	-0.30	-0.36	-0.41	-0.49	-0.56	-0.61	-0.63	-0.61	-0.60	-0.58	-0.58	-0.60	-0.74	-0.92	-0.93	-0.75	-0.67	-0.57	-0.50
	0.17	0.24	0.24	0.15	0.14	0.08	0.00	0.00	1.52	1.84	4.44	4.96	3.26	4.37	3.89	2.43	3.11	7.19	11.53	9.68	7.41	4.32	2.00	2.43
HUD VL	16.18	17.24	15.85	12.91	13.00	11.77	10.88	11.36	13.71	15.79	17.20	17.76	17.31	17.06	16.48	16.40	17.12	21.44	26.45	26.16	23.43	19.41	16.00	14.56
61758	0.92	0.81	0.68	0.69	0.70	0.77	0.97	1.01	1.28	1.50	1.66	1.72	1.69	1.65	1.58	1.57	1.66	2.05	2.47	2.42	2.10	1.91	1.51	1.36
	-5.90	-8.21	-8.29	-5.05	-4.82	-2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	0.00	-1.69	0.00	0.00	0.00
LONGIL	24.43	17.55	16.15	13.17	13.25	16.48	18.65	20.39	20.02	23.83	29.00	28.70	29.64	28.92	28.54	30.10	30.05	33.18	49.02	49.02	45.00	27.84	17.51	16.14
61762	1.32	1.10	0.96	0.95	0.94	1.11	1.38	1.45	1.80	2.10	2.32	2.44	2.40	2.34	2.26	2.27	2.38	3.00	3.48	3.47	3.02	2.71	2.13	1.95
	-13.75	-8.23	-8.31	-5.06	-4.83	-7.23	-7.36	-8.60	-5.78	-7.43	-11.15	-10.21	-11.62	-11.17	-11.38	-13.00	-12.20	-10.79	-22.00	-21.82	-22.34	-7.63	-0.88	-0.98
MHK VL	9.92	8.94	7.59	7.62	7.95	8.45	10.04	10.52	12.41	14.29	15.17	15.63	15.41	15.00	14.58	14.71	15.28	18.84	22.72	23.09	19.18	17.27	14.50	13.12
61756	0.10	0.08	0.06	0.07	0.10	0.09	0.13	0.18	0.19	0.24	0.23	0.26	0.23	0.19	0.21	0.21	0.23	0.43	0.71	0.66	0.41	0.35	0.27	0.25
	-0.45	-0.63	-0.64	-0.39	-0.37	-0.22	0.00	0.00	0.21	0.25	0.60	0.67	0.44	0.59	0.53	0.33	0.42	0.97	1.53	1.31	0.87	0.58	0.27	0.33
MILLWD	16.31	17.40	16.02	13.01	13.11	11.84	10.92	11.42	13.80	15.87	17.28	17.89	17.43	17.21	16.61	16.54	17.28	21.61	26.64	26.28	23.84	19.50	16.06	14.63
61759	0.96	0.84	0.71	0.72	0.73	0.81	1.01	1.08	1.37	1.57	1.74	1.84	1.81	1.80	1.71	1.70	1.81	2.23	2.59	2.54	2.24	1.99	1.57	1.43
	-5.99	-8.34	-8.42	-5.13	-4.90	-2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.51	0.00	-1.97	0.00	0.00	0.00
N.Y.C.	16.34	17.36	15.96	13.00	13.10	11.86	10.97	11.47	13.85	15.96	17.40	18.02	17.56	17.33	16.73	16.65	17.38	21.73	26.71	26.35	24.04	19.69	16.26	14.80
61761	1.08	0.92	0.77	0.78	0.79	0.86	1.06	1.13	1.42	1.67	1.86	1.97	1.94	1.93	1.83	1.82	1.92	2.34	2.66	2.61	2.41	2.19	1.77	1.60
	-5.91	-8.22	-8.30	-5.05	-4.83	-2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.51	0.00	-1.99	0.00	0.00	0.00
NORTH	8.52	7.37	6.11	6.50	6.81	7.50	9.31	9.70	10.29	11.74	10.57	10.57	11.71	10.47	10.45	11.72	11.70	11.73	11.68	13.57	11.79	12.57	11.81	10.17
61755	-0.58	-0.49	-0.41	-0.44	-0.46	-0.52	-0.60	-0.64	-0.77	-0.89	-0.95	-0.98	-0.95	-0.97	-0.92	-0.91	-0.94	-1.14	-1.41	-1.40	-1.14	-1.02	-0.87	-0.83
	0.26	0.36	0.36	0.22	0.21	0.12	0.00	0.00	1.37	1.66	4.02	4.50	2.95	3.96	3.52	2.20	2.82	6.51	10.45	8.77	6.71	3.92	1.81	2.20
NPX	18.21	19.00	17.63	14.00	14.05	14.27	17.00	17.26	19.19	20.12	20.09	19.15	19.00	18.43	17.85	17.80	18.78	22.00	27.34	26.12	23.21	19.67	17.16	15.37
61845	0.97	0.81	0.68	0.71	0.72	0.83	1.03	1.11	1.39	1.61	1.77	1.84	1.81	1.80	1.71	1.69	1.79	2.15	2.61	2.52	2.18	2.03	1.59	1.44
	-7.88	-9.96	-10.06	-6.12	-5.85	-5.29	-6.06	-5.81	-5.37	-4.21	-2.78	-1.26	-1.57	-1.22	-1.24	-1.28	-1.52	-0.46	-1.18	0.13	-1.40	-0.14	-1.07	-0.73

OH 61846	10.14	9.40	8.10	7.90	8.15	8.53	9.95	10.39	12.25	14.08	15.19	15.55	15.20	14.98	14.51	14.50	15.06	18.73	21.78	22.06	18.89	16.85	14.29	12.64
	-0.14	-0.10	-0.08	-0.05	-0.08	-0.06	0.04	0.05	-0.16	-0.19	-0.30	-0.43	-0.38	-0.37	-0.34	-0.30	-0.37	-0.56	-0.63	-0.50	-0.65	-0.60	-0.17	-0.20
	-0.92	-1.28	-1.29	-0.78	-0.75	-0.44	0.00	0.00	0.02	0.02	0.06	0.06	0.04	0.06	0.05	0.03	0.04	0.09	1.13	1.18	0.10	0.06	0.03	0.36
PJM 61847	12.95	13.02	11.67	10.22	10.41	10.05	10.42	14.11	16.41	18.07	18.06	18.00	17.30	17.06	16.54	16.50	17.15	20.11	24.58	24.66	21.21	18.16	16.28	14.45
	0.39	0.35	0.30	0.32	0.31	0.36	0.51	0.57	0.61	0.70	0.73	0.71	0.72	0.71	0.69	0.70	0.73	0.81	0.97	1.04	0.81	0.72	0.71	0.61
	-3.20	-4.45	-4.49	-2.73	-2.61	-1.54	0.00	-3.20	-3.37	-3.08	-1.79	-1.25	-0.96	-0.94	-0.95	-0.97	-0.96	0.09	-0.07	0.12	-0.77	0.06	-1.07	-0.64
WEST 61752	10.26	9.50	8.16	7.99	8.25	8.66	10.16	10.61	12.49	14.38	15.51	15.87	15.52	15.30	14.81	14.80	15.37	19.12	23.27	23.68	19.32	17.20	14.58	13.22
	0.02	0.06	0.04	0.07	0.05	0.09	0.25	0.27	0.08	0.11	0.03	-0.11	-0.06	-0.05	-0.04	0.00	-0.06	-0.17	-0.12	0.07	-0.22	-0.25	0.12	0.05
	-0.88	-1.22	-1.23	-0.75	-0.72	-0.42	0.00	0.00	0.02	0.02	0.06	0.06	0.04	0.06	0.05	0.03	0.04	0.09	0.15	0.13	0.10	0.06	0.03	0.03