

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/17/2016

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	21.47	20.06	19.09	19.15	19.08	20.68	23.60	25.07	25.82	26.51	29.07	29.00	28.48	28.12	26.17	27.97	28.67	27.69	25.60	25.67	31.31	25.32	21.59	20.57
61757	0.30	0.24	0.21	0.22	0.29	0.46	0.81	0.91	0.93	0.91	0.78	0.77	0.77	0.75	0.75	0.76	0.77	0.76	0.91	0.95	1.02	0.98	0.76	0.62
	-16.09	-15.83	-15.39	-15.33	-13.88	-12.78	-10.87	-11.72	-12.37	-13.06	-17.66	-17.61	-17.10	-16.74	-14.79	-16.57	-17.26	-16.27	-12.07	-11.93	-16.54	-11.06	-10.24	-9.76
CENTRL	7.39	6.46	5.67	5.77	6.88	9.32	13.68	14.37	14.21	14.28	12.77	12.77	12.69	12.70	12.44	13.04	13.08	13.12	14.60	14.79	16.41	15.14	12.14	11.65
61754	0.07	0.04	0.03	0.03	0.04	0.11	0.25	0.30	0.26	0.28	0.23	0.22	0.21	0.22	0.22	0.23	0.23	0.22	0.29	0.35	0.36	0.33	0.14	0.10
	-2.26	-2.42	-2.14	-2.14	-1.93	-1.77	-1.51	-1.63	-1.42	-1.46	-1.90	-1.93	-1.86	-1.85	-1.59	-2.16	-2.21	-2.23	-1.69	-1.65	-2.29	-1.53	-1.42	-1.36
DUNWOD	18.62	18.15	16.17	16.30	16.53	18.47	21.95	23.15	23.89	24.46	25.95	25.90	25.51	25.28	23.72	25.15	25.68	24.92	23.77	23.89	28.66	23.77	20.04	19.28
61760	0.57	0.45	0.39	0.40	0.54	0.83	1.35	1.34	1.49	1.54	1.28	1.27	1.30	1.34	1.33	1.33	1.31	1.32	1.55	1.56	1.69	1.66	1.27	1.21
	-12.98	-13.71	-12.29	-12.29	-11.08	-10.20	-8.68	-9.36	-9.88	-10.38	-14.05	-14.00	-13.59	-13.31	-11.76	-13.18	-13.72	-12.93	-9.60	-9.53	-13.21	-8.83	-8.18	-7.87
GENESE	6.67	5.71	5.01	5.10	6.21	8.65	12.92	13.65	14.17	14.34	13.24	13.17	13.11	13.04	12.79	12.52	12.65	12.37	13.79	14.02	15.44	14.37	11.48	10.99
61753	-0.08	-0.08	-0.07	-0.09	-0.13	-0.10	-0.12	0.00	-0.10	-0.11	-0.12	-0.12	-0.12	-0.10	-0.09	-0.06	-0.07	-0.04	-0.06	-0.04	-0.07	-0.08	-0.19	-0.24
	-1.67	-1.79	-1.58	-1.58	-1.43	-1.31	-1.12	-1.20	-1.74	-1.92	-2.72	-2.66	-2.60	-2.50	-2.24	-1.94	-2.09	-1.75	-1.24	-1.27	-1.75	-1.17	-1.09	-1.05
H Q	4.94	3.89	3.41	3.51	4.78	7.23	11.54	12.03	12.10	12.11	10.27	10.27	10.27	10.27	10.27	10.27	10.27	10.29	12.17	12.32	13.25	12.80	10.27	9.92
61844	-0.13	-0.10	-0.09	-0.09	-0.12	-0.21	-0.38	-0.41	-0.43	-0.43	-0.36	-0.35	-0.35	-0.36	-0.36	-0.37	-0.37	-0.37	-0.44	-0.47	-0.51	-0.48	-0.32	-0.27
	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
HUD VL	18.28	17.74	15.88	16.00	16.25	18.18	21.70	22.86	23.56	24.11	25.57	25.51	25.11	24.88	23.36	24.77	25.29	24.55	23.45	23.58	28.28	23.45	19.74	19.00
61758	0.53	0.43	0.37	0.38	0.51	0.77	1.29	1.27	1.38	1.42	1.20	1.20	1.20	1.23	1.23	1.24	1.22	1.24	1.45	1.47	1.61	1.54	1.15	1.12
	-12.68	-13.32	-12.02	-12.01	-10.83	-9.98	-8.48	-9.15	-9.66	-10.15	-13.73	-13.69	-13.29	-13.01	-11.50	-12.88	-13.42	-12.65	-9.39	-9.32	-12.92	-8.64	-8.00	-7.69
LONGIL	18.74	18.24	16.27	16.44	17.44	18.76	23.70	26.52	25.20	25.00	26.22	26.17	25.84	25.68	23.97	25.39	25.62	25.06	23.96	24.17	31.81	24.37	20.31	19.40
61762	0.69	0.54	0.49	0.54	0.71	1.12	1.82	1.84	2.02	2.07	1.54	1.55	1.62	1.74	1.58	1.57	1.26	1.46	1.74	1.84	2.28	2.14	1.55	1.33
	-12.98	-13.71	-12.29	-12.29	-11.82	-10.20	-9.96	-12.24	-10.66	-10.40	-14.04	-14.00	-13.59	-13.31	-11.76	-13.17	-13.72	-12.93	-9.60	-9.53	-15.77	-8.96	-8.18	-7.87
MHK VL	7.96	7.04	6.19	6.30	7.40	9.87	14.31	14.99	15.15	15.17	13.92	13.90	13.80	13.73	13.40	13.70	13.82	13.68	15.05	15.19	16.98	15.55	12.60	12.21
61756	0.17	0.13	0.12	0.12	0.17	0.29	0.56	0.59	0.55	0.54	0.46	0.46	0.44	0.41	0.39	0.39	0.40	0.41	0.49	0.50	0.59	0.52	0.38	0.38
	-2.73	-2.91	-2.58	-2.58	-2.33	-2.14	-1.82	-1.96	-2.07	-2.10	-2.83	-2.83	-2.74	-2.69	-2.37	-2.66	-2.77	-2.61	-1.94	-1.90	-2.63	-1.76	-1.63	-1.64
MILLWD	18.64	18.17	16.20	16.32	16.55	18.49	22.00	23.19	23.92	24.48	25.99	25.92	25.52	25.29	23.73	25.17	25.71	24.96	23.80	23.92	28.72	23.81	20.04	19.27
61759	0.57	0.45	0.39	0.41	0.54	0.83	1.38	1.37	1.50	1.54	1.29	1.27	1.28	1.33	1.32	1.33	1.32	1.33	1.56	1.57	1.73	1.69	1.26	1.19
	-13.00	-13.73	-12.31	-12.31	-11.10	-10.22	-8.69	-9.37	-9.89	-10.40	-14.07	-14.03	-13.62	-13.33	-11.78	-13.20	-13.75	-12.96	-9.62	-9.55	-13.23	-8.85	-8.19	-7.88
N.Y.C.	18.66	18.18	16.20	16.31	16.56	18.50	21.97	23.12	23.88	24.46	25.96	25.91	25.53	25.30	23.75	25.17	25.69	24.94	23.78	23.89	28.60	23.80	20.11	19.36
61761	0.60	0.47	0.41	0.42	0.57	0.86	1.37	1.32	1.48	1.54	1.29	1.30	1.32	1.36	1.36	1.35	1.33	1.34	1.56	1.56	1.64	1.69	1.34	1.29
	-12.99	-13.71	-12.29	-12.29	-11.08	-10.20	-8.68	-9.36	-9.87	-10.38	-14.04	-14.00	-13.59	-13.31	-11.75	-13.17	-13.72	-12.93	-9.60	-9.53	-13.21	-8.83	-8.18	-7.88
NORTH	4.88	3.86	3.37	3.48	4.74	7.14	11.43	11.92	11.95	11.95	10.13	10.12	10.10	10.07	10.06	10.06	10.07	10.11	11.97	12.08	13.00	12.57	10.18	9.85
61755	-0.19	-0.14	-0.12	-0.12	-0.17	-0.30	-0.49	-0.52	-0.58	-0.59	-0.50	-0.50	-0.52	-0.56	-0.57	-0.59	-0.57	-0.56	-0.64	-0.72	-0.76	-0.70	-0.40	-0.34
	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	20.09	18.99	17.71	17.79	17.86	19.60	22.76	24.09	24.83	25.43	27.51	27.44	26.99	26.68	24.92	26.54	27.16	26.30	24.65	24.77	29.96	24.50	20.78	19.88
61845	0.40	0.31	0.27	0.28	0.38	0.59	0.99	1.03	1.10	1.10	0.92	0.92	0.93	0.94	0.94	0.94	0.94	0.95	1.14	1.16	1.22	1.21	0.92	0.83
	-14.62	-14.69	-13.94	-13.90	-12.57	-11.58	-9.84	-10.62	-11.20	-11.79	-15.95	-15.90	-15.44	-15.11	-13.35	-14.96	-15.58	-14.69	-10.90	-10.81	-14.98	-10.02	-9.27	-8.86

OH 61846	7.39	6.48	5.69	5.79	6.83	9.20	13.21	14.02	14.47	14.55	12.50	12.46	12.18	12.17	12.17	13.17	13.33	13.00	14.28	14.51	16.02	14.87	11.85	11.40
	-0.04	-0.04	-0.03	-0.05	-0.09	-0.08	-0.16	-0.12	-0.23	-0.21	-0.19	-0.19	-0.19	-0.16	-0.12	-0.09	-0.09	-0.09	-0.08	0.00	-0.12	0.00	-0.21	-0.21
	-2.36	-2.52	-2.23	-2.23	-2.01	-1.85	-1.44	-1.70	-2.17	-2.23	-2.06	-2.03	-1.75	-1.70	-1.66	-2.61	-2.78	-2.42	-1.74	-1.72	-2.38	-1.59	-1.48	-1.42
PJM 61847	14.52	13.89	12.34	12.46	13.00	15.10	18.84	19.84	20.34	20.75	21.24	21.20	20.92	20.77	19.69	20.71	21.07	20.55	20.32	20.46	24.04	20.54	17.05	16.39
	0.37	0.28	0.24	0.25	0.33	0.52	0.85	0.85	0.90	0.94	0.78	0.77	0.79	0.82	0.83	0.84	0.82	0.83	0.98	1.06	1.13	1.14	0.79	0.74
	-9.09	-9.62	-8.60	-8.60	-7.76	-7.14	-6.07	-6.55	-6.91	-7.27	-9.83	-9.80	-9.52	-9.32	-8.23	-9.22	-9.61	-9.05	-6.72	-6.60	-9.15	-6.12	-5.67	-5.45
WEST 61752	7.19	6.23	5.48	5.57	6.67	9.15	13.51	14.28	20.00	21.41	24.00	23.33	23.14	22.42	21.74	16.00	17.00	14.00	14.52	14.79	16.29	15.16	12.02	11.54
	0.08	0.05	0.05	0.03	0.02	0.11	0.23	0.36	0.26	0.28	0.22	0.21	0.21	0.24	0.29	0.32	0.32	0.32	0.39	0.35	0.25	0.36	0.02	-0.01
	-2.05	-2.19	-1.93	-1.93	-1.74	-1.60	-1.36	-1.47	-7.21	-8.60	-13.14	-12.50	-12.31	-11.54	-10.82	-5.04	-6.04	-3.01	-1.51	-1.65	-2.29	-1.53	-1.42	-1.36