

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/16/2017

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	25.82	24.68	25.73	24.94	24.93	24.49	21.32	22.36	24.11	24.48	25.90	25.65	26.17	24.78	24.04	24.64	26.40	27.81	29.86	34.04	37.64	29.52	25.26	25.24
61757	0.27	0.16	0.16	0.13	0.17	0.18	0.28	0.33	0.58	0.63	0.63	0.66	0.59	0.58	0.57	0.55	0.58	0.59	0.70	0.77	0.84	0.81	0.70	0.31
	-20.23	-21.35	-22.51	-22.23	-21.56	-20.78	-15.61	-15.57	-13.47	-13.14	-14.52	-13.60	-14.85	-13.47	-12.75	-13.47	-15.08	-16.43	-16.91	-20.01	-22.62	-14.44	-12.22	-18.59
CENTRL	7.37	5.32	5.32	4.81	5.38	5.62	7.06	8.13	11.49	12.14	12.34	12.92	12.33	12.20	12.09	12.05	12.38	12.57	14.12	15.44	16.66	15.89	13.64	8.24
61754	0.02	0.01	0.01	0.01	0.01	0.01	0.06	0.11	0.08	0.12	0.15	0.17	0.12	0.12	0.10	0.08	0.13	0.13	0.17	0.17	0.21	0.18	0.07	0.04
	-2.03	-2.14	-2.26	-2.23	-2.16	-2.08	-1.56	-1.56	-1.35	-1.32	-1.45	-1.36	-1.49	-1.35	-1.28	-1.35	-1.51	-1.64	-1.69	-2.00	-2.26	-1.45	-1.22	-1.86
DUNWOD	20.03	18.42	19.09	18.36	18.59	18.40	16.94	18.09	20.69	21.28	22.32	22.43	22.56	21.61	21.10	21.49	22.76	23.75	25.74	29.00	31.87	26.29	22.45	20.08
61760	0.59	0.35	0.32	0.27	0.33	0.37	0.61	0.76	1.23	1.39	1.44	1.55	1.47	1.48	1.48	1.48	1.49	1.49	1.68	1.78	1.90	1.95	1.58	0.76
	-14.12	-14.90	-15.72	-15.52	-15.05	-14.51	-10.89	-10.87	-9.40	-9.18	-10.14	-9.50	-10.36	-9.40	-8.90	-9.40	-10.53	-11.47	-11.80	-13.96	-15.78	-10.08	-8.53	-12.98
GENESE	6.72	4.70	4.68	4.19	4.76	5.00	6.55	7.62	10.83	11.47	11.70	12.25	11.66	11.57	11.47	11.39	11.71	11.84	13.36	14.56	15.74	15.18	12.97	7.60
61753	-0.12	-0.08	-0.07	-0.07	-0.08	-0.09	-0.06	-0.02	-0.24	-0.23	-0.14	-0.16	-0.19	-0.18	-0.21	-0.24	-0.17	-0.19	-0.17	-0.21	-0.16	-0.17	-0.30	-0.15
	-1.53	-1.61	-1.70	-1.68	-1.63	-1.57	-1.18	-1.18	-1.02	-0.99	-1.10	-1.03	-1.12	-1.02	-0.96	-1.02	-1.14	-1.24	-1.28	-1.51	-1.71	-1.09	-0.92	-1.41
H Q	5.16	3.08	2.97	2.51	3.12	3.42	5.25	6.22	9.70	10.29	10.29	10.91	10.29	10.29	10.29	10.20	10.29	10.35	11.73	12.72	13.58	13.65	11.89	6.13
61844	-0.16	-0.09	-0.09	-0.07	-0.09	-0.10	-0.18	-0.24	-0.36	-0.42	-0.45	-0.48	-0.44	-0.44	-0.43	-0.41	-0.45	-0.44	-0.53	-0.54	-0.61	-0.61	-0.46	-0.21
	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	19.88	18.30	18.97	18.25	18.47	18.28	16.81	17.92	20.46	21.03	22.07	22.16	22.32	21.38	20.87	21.27	22.53	23.51	25.49	28.75	31.60	26.00	22.25	19.95
61758	0.53	0.31	0.29	0.24	0.30	0.33	0.54	0.65	1.06	1.20	1.23	1.32	1.27	1.29	1.29	1.28	1.30	1.29	1.48	1.58	1.69	1.70	1.42	0.68
	-14.04	-14.81	-15.62	-15.42	-14.96	-14.42	-10.83	-10.81	-9.34	-9.12	-10.10	-9.46	-10.32	-9.37	-8.87	-9.37	-10.49	-11.42	-11.76	-13.91	-15.72	-10.04	-8.49	-12.93
LONGIL	20.21	18.50	19.14	18.42	18.67	18.53	17.19	18.40	21.38	23.17	25.79	26.75	26.09	26.51	25.68	26.47	26.64	25.72	27.34	30.31	33.00	27.92	23.80	21.46
61762	0.76	0.43	0.36	0.32	0.41	0.50	0.86	1.06	1.51	1.81	1.85	1.98	1.88	1.89	1.90	1.89	1.93	1.84	1.92	2.00	2.21	2.49	2.02	1.00
	-14.13	-14.91	-15.72	-15.52	-15.05	-14.51	-10.90	-10.88	-9.81	-10.66	-13.20	-13.38	-13.48	-13.89	-13.07	-13.96	-13.97	-13.08	-13.17	-15.05	-16.60	-11.17	-9.43	-14.12
MHK VL	7.57	5.53	5.54	5.02	5.58	5.82	7.17	8.18	11.60	12.25	12.33	12.88	12.34	12.19	12.08	12.02	12.35	12.56	14.06	15.45	16.65	15.87	13.69	8.31
61756	0.05	0.03	0.03	0.02	0.03	0.03	0.04	0.03	0.07	0.11	0.12	0.11	0.11	0.10	0.06	0.04	0.09	0.11	0.10	0.16	0.17	0.14	0.11	0.08
	-2.20	-2.32	-2.45	-2.42	-2.35	-2.26	-1.70	-1.70	-1.47	-1.43	-1.47	-1.38	-1.50	-1.36	-1.29	-1.36	-1.53	-1.66	-1.71	-2.03	-2.29	-1.46	-1.24	-1.88
MILLWD	20.21	18.62	19.31	18.57	18.79	18.59	17.07	18.21	20.77	21.36	22.42	22.51	22.69	21.72	21.22	21.61	22.90	23.89	25.89	29.21	32.09	26.41	22.54	20.25
61759	0.57	0.34	0.32	0.26	0.33	0.35	0.59	0.72	1.18	1.35	1.39	1.48	1.44	1.45	1.46	1.44	1.47	1.46	1.65	1.76	1.87	1.91	1.54	0.73
	-14.32	-15.11	-15.94	-15.73	-15.26	-14.71	-11.05	-11.02	-9.53	-9.30	-10.29	-9.64	-10.52	-9.55	-9.04	-9.55	-10.69	-11.64	-11.98	-14.18	-16.03	-10.24	-8.66	-13.18
N.Y.C.	20.09	18.45	19.12	18.38	18.62	18.42	16.99	18.16	22.28	26.62	26.00	28.25	29.86	32.24	31.69	35.00	31.85	32.01	32.50	41.39	41.44	36.96	28.12	24.12
61761	0.64	0.37	0.35	0.29	0.36	0.39	0.66	0.82	1.34	1.52	1.56	1.67	1.59	1.60	1.60	1.58	1.62	1.61	1.81	1.91	2.04	2.11	1.72	0.83
	-14.13	-14.91	-15.71	-15.51	-15.05	-14.51	-10.89	-10.88	-10.88	-14.39	-13.70	-15.19	-17.54	-19.91	-19.37	-22.80	-19.49	-19.61	-18.43	-26.21	-25.21	-20.59	-14.06	-16.95
NORTH	5.01	3.00	2.89	2.44	3.03	3.34	5.09	6.00	9.33	9.85	9.84	10.42	9.85	9.84	9.84	9.76	9.84	9.90	11.19	12.21	12.99	13.08	11.53	5.97
61755	-0.31	-0.17	-0.17	-0.14	-0.17	-0.19	-0.35	-0.47	-0.73	-0.86	-0.90	-0.97	-0.88	-0.89	-0.88	-0.86	-0.90	-0.90	-1.07	-1.05	-1.19	-1.18	-0.82	-0.37
	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	22.72	21.34	22.19	21.43	21.55	21.24	19.01	20.11	22.32	22.82	24.00	23.94	24.24	23.09	22.45	22.94	24.43	25.60	27.63	31.32	34.50	27.75	23.74	22.48
61845	0.42	0.25	0.24	0.20	0.25	0.27	0.48	0.58	0.96	1.08	1.07	1.14	1.05	1.05	1.03	1.02	1.03	1.03	1.19	1.27	1.33	1.37	1.15	0.54
	-16.98	-17.92	-18.89	-18.65	-18.09	-17.44	-13.10	-13.07	-11.30	-11.03	-12.19	-11.41	-12.46	-11.30	-10.70	-11.30	-12.66	-13.78	-14.19	-16.79	-18.98	-12.12	-10.25	-15.60

OH 61846	7.14	5.16	5.17	4.67	5.22	5.44	6.92	8.00	11.00	11.64	11.88	12.46	11.85	11.73	11.62	11.58	11.92	12.07	13.63	14.80	15.91	15.26	13.03	7.93
	-0.13	-0.08	-0.07	-0.05	-0.07	-0.09	-0.02	0.03	-0.36	-0.34	-0.27	-0.24	-0.31	-0.30	-0.33	-0.34	-0.28	-0.31	-0.26	-0.40	-0.47	-0.40	-0.49	-0.21
	-1.96	-2.07	-2.18	-2.15	-2.09	-2.01	-1.51	-1.51	-1.30	-1.27	-1.40	-1.32	-1.44	-1.30	-1.23	-1.30	-1.46	-1.59	-1.64	-1.93	-2.19	-1.40	-1.18	-1.80
PJM 61847	12.95	11.14	11.45	10.85	11.25	11.29	11.44	12.55	15.40	16.01	16.61	16.98	16.71	16.21	16.22	16.24	16.82	17.35	19.11	21.23	23.16	20.27	17.32	13.42
	0.19	0.11	0.11	0.09	0.12	0.12	0.27	0.36	0.38	0.47	0.53	0.59	0.52	0.53	0.51	0.50	0.54	0.52	0.64	0.61	0.65	0.70	0.48	0.24
	-7.44	-7.85	-8.28	-8.18	-7.93	-7.65	-5.74	-5.73	-4.95	-4.83	-5.34	-5.00	-5.46	-4.95	-4.99	-5.12	-5.55	-6.04	-6.22	-7.36	-8.32	-5.31	-4.49	-6.84
WEST 61752	7.20	5.17	5.17	4.67	5.23	5.46	7.00	8.10	11.15	11.81	12.06	12.69	12.05	11.94	11.83	11.78	12.13	12.26	13.88	15.04	16.16	15.53	13.25	8.00
	-0.04	-0.02	-0.02	-0.01	-0.02	-0.03	0.09	0.17	-0.18	-0.14	-0.05	0.01	-0.09	-0.06	-0.10	-0.12	-0.04	-0.09	0.02	-0.12	-0.17	-0.10	-0.25	-0.10
	-1.92	-2.02	-2.13	-2.10	-2.04	-1.97	-1.48	-1.47	-1.28	-1.24	-1.38	-1.29	-1.41	-1.28	-1.21	-1.28	-1.43	-1.56	-1.60	-1.89	-2.14	-1.37	-1.16	-1.76