

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/13/2016

Name	00:00	01:00	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	EST	EST	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	18.71	12.25	10.60	9.61	9.77	9.46	13.25	16.12	17.81	19.70	19.80	18.69	15.00	15.00	15.00	17.38	17.66	22.00	23.06	21.97	16.00	13.37	12.00
61757	0.06	0.06	0.06	0.07	0.06	0.13	0.19	0.26	0.40	0.41	0.41	0.40	0.34	0.28	0.28	0.31	0.43	0.51	0.81	0.44	0.34	0.21	0.06
	-17.63	-11.17	-9.51	-8.50	-8.68	-7.19	-9.95	-11.82	-11.19	-12.83	-12.94	-12.03	-9.35	-10.46	-10.34	-12.22	-10.77	-13.61	-9.67	-14.46	-10.33	-9.91	-10.86
CENTRL	2.85	2.18	2.02	1.94	1.94	2.92	4.18	5.30	7.44	7.95	7.96	7.50	6.22	5.32	5.45	6.15	7.57	9.23	13.47	8.48	6.24	4.16	2.06
61754	0.01	0.01	0.01	0.02	0.01	0.03	0.05	0.05	0.07	0.08	0.07	0.08	0.06	0.05	0.04	0.05	0.08	0.11	0.21	0.13	0.09	0.05	0.02
	-1.82	-1.15	-0.98	-0.88	-0.90	-0.74	-1.02	-1.21	-1.15	-1.41	-1.44	-1.16	-0.84	-1.00	-1.03	-1.26	-1.02	-1.23	-0.68	-1.29	-0.82	-0.86	-0.96
DUNWOD	13.62	9.05	7.88	7.18	7.29	7.43	10.43	12.80	16.89	17.76	17.91	18.52	17.19	15.08	13.47	14.06	18.05	24.49	32.27	25.24	21.88	16.55	14.49
61760	0.12	0.12	0.12	0.12	0.12	0.25	0.35	0.48	0.75	0.78	0.78	0.76	0.64	0.52	0.52	0.58	0.78	0.96	1.52	0.88	0.66	0.40	0.13
	-12.48	-7.91	-6.74	-6.02	-6.14	-5.03	-6.96	-8.28	-9.92	-10.52	-10.68	-11.50	-11.24	-10.30	-8.57	-8.64	-10.80	-15.64	-18.17	-17.31	-15.90	-12.89	-13.28
GENESE	2.47	1.93	1.81	1.75	1.75	2.72	3.89	4.92	6.91	7.29	7.29	7.04	5.85	4.97	5.09	5.72	7.11	8.67	12.84	7.93	5.88	3.90	1.85
61753	-0.03	-0.03	-0.01	-0.01	-0.01	-0.02	-0.05	-0.10	-0.20	-0.20	-0.20	-0.16	-0.14	-0.11	-0.12	-0.14	-0.19	-0.22	-0.29	-0.17	-0.11	-0.05	-0.01
	-1.48	-0.94	-0.80	-0.71	-0.73	-0.60	-0.83	-0.98	-0.89	-1.04	-1.04	-0.94	-0.68	-0.81	-0.83	-1.02	-0.83	-1.00	-0.55	-1.05	-0.67	-0.69	-0.78
H Q	1.00	1.00	1.00	1.01	1.00	2.08	3.02	3.92	6.05	6.27	6.27	6.08	5.16	4.14	4.26	4.71	6.27	7.65	12.18	6.83	5.17	3.16	1.05
61844	-0.02	-0.02	-0.03	-0.03	-0.03	-0.06	-0.09	-0.12	-0.17	-0.19	-0.18	-0.19	-0.15	-0.12	-0.12	-0.13	-0.19	-0.24	-0.40	-0.23	-0.16	-0.10	-0.03
	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	13.56	9.00	7.84	7.14	7.25	7.40	10.37	12.72	16.51	17.44	17.58	18.02	16.48	14.60	13.21	13.95	17.51	23.60	30.67	24.20	20.68	15.71	13.72
61758	0.11	0.11	0.11	0.11	0.11	0.23	0.31	0.42	0.66	0.69	0.68	0.68	0.56	0.44	0.46	0.50	0.68	0.88	1.42	0.80	0.60	0.36	0.12
	-12.42	-7.87	-6.71	-5.99	-6.11	-5.02	-6.95	-8.26	-9.63	-10.29	-10.45	-11.07	-10.61	-9.90	-8.38	-8.61	-10.36	-14.83	-16.67	-16.34	-14.75	-12.09	-12.52
LONGIL	15.10	13.57	11.95	11.84	12.44	10.71	10.55	14.22	17.59	19.66	18.13	18.72	17.51	16.42	16.18	16.73	18.26	24.79	32.76	26.17	22.87	16.68	14.55
61762	0.16	0.16	0.16	0.16	0.16	0.32	0.46	0.63	0.96	0.99	0.99	0.95	0.80	0.65	0.66	0.73	0.98	1.24	1.99	1.13	0.84	0.51	0.17
	-13.91	-12.38	-10.76	-10.64	-11.25	-8.24	-6.98	-9.56	-10.41	-12.21	-10.70	-11.51	-11.40	-11.51	-11.13	-11.16	-10.82	-15.66	-18.19	-17.98	-16.70	-12.90	-13.30
MHK VL	3.02	2.30	2.12	2.02	2.03	3.00	4.30	5.47	7.79	8.18	8.09	7.89	6.71	5.64	5.64	6.18	7.92	9.87	14.68	9.15	7.04	4.68	2.54
61756	0.02	0.02	0.02	0.02	0.02	0.05	0.08	0.12	0.19	0.21	0.20	0.19	0.14	0.11	0.11	0.12	0.17	0.24	0.40	0.20	0.13	0.07	0.02
	-1.98	-1.25	-1.07	-0.95	-0.97	-0.80	-1.11	-1.31	-1.37	-1.52	-1.44	-1.44	-1.26	-1.27	-1.15	-1.22	-1.28	-1.75	-1.69	-1.89	-1.58	-1.36	-1.44
MILLWD	13.68	9.09	7.91	7.21	7.32	7.45	10.46	12.83	16.90	17.78	17.93	18.53	17.17	15.08	13.49	14.09	18.04	24.48	32.18	25.21	21.83	16.52	14.47
61759	0.12	0.12	0.12	0.12	0.12	0.25	0.35	0.48	0.74	0.77	0.77	0.76	0.64	0.51	0.52	0.57	0.78	0.96	1.51	0.87	0.66	0.40	0.13
	-12.54	-7.95	-6.77	-6.04	-6.17	-5.06	-7.00	-8.32	-9.94	-10.54	-10.71	-11.51	-11.23	-10.31	-8.59	-8.68	-10.81	-15.63	-18.09	-17.28	-15.85	-12.86	-13.26
N.Y.C.	13.64	9.06	7.89	7.19	7.30	7.44	10.44	12.82	16.93	17.79	17.96	18.56	17.24	15.12	13.50	14.10	18.09	24.54	32.35	25.30	21.94	16.59	14.52
61761	0.13	0.12	0.13	0.13	0.12	0.26	0.37	0.51	0.78	0.81	0.82	0.80	0.68	0.55	0.56	0.61	0.82	1.00	1.59	0.92	0.70	0.44	0.14
	-12.49	-7.91	-6.74	-6.02	-6.15	-5.03	-6.97	-8.28	-9.92	-10.52	-10.69	-11.50	-11.25	-10.31	-8.57	-8.65	-10.81	-15.65	-18.18	-17.32	-15.91	-12.90	-13.29
NORTH	0.98	0.98	0.98	1.00	0.99	2.05	2.98	3.87	6.00	6.22	6.22	6.00	5.10	4.09	4.22	4.67	6.19	7.60	12.06	6.77	5.08	3.09	1.03
61755	-0.04	-0.04	-0.04	-0.05	-0.04	-0.10	-0.13	-0.16	-0.22	-0.24	-0.23	-0.26	-0.21	-0.17	-0.15	-0.16	-0.27	-0.28	-0.52	-0.29	-0.25	-0.16	-0.05
	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	16.24	10.70	9.28	8.43	8.57	8.60	12.05	14.69	17.47	18.89	19.01	18.69	16.08	15.11	14.38	15.73	17.96	23.46	27.96	23.83	19.22	15.16	13.47
61845	0.08	0.09	0.09	0.09	0.09	0.18	0.25	0.33	0.51	0.52	0.52	0.51	0.43	0.34	0.36	0.41	0.56	0.69	1.04	0.59	0.44	0.28	0.09
	-15.13	-9.59	-8.17	-7.29	-7.45	-6.27	-8.68	-10.32	-10.73	-11.91	-12.04	-11.92	-10.34	-10.51	-9.64	-10.48	-10.94	-14.88	-14.34	-16.17	-13.44	-11.63	-12.29

OH 61846	2.97	2.25	2.09	2.00	2.00	2.93	4.15	5.19	6.96	7.10	7.00	7.25	6.00	5.17	5.30	5.99	7.34	8.94	12.80	8.25	6.08	4.13	2.12
	-0.03	-0.03	-0.01	0.00	-0.01	-0.02	-0.07	-0.16	-0.27	-0.27	-0.28	-0.27	-0.22	-0.18	-0.19	-0.22	-0.23	-0.29	-0.52	-0.20	-0.14	-0.05	-0.01
	-1.98	-1.26	-1.07	-0.96	-0.98	-0.80	-1.11	-1.32	-1.00	-0.91	-0.83	-1.26	-0.91	-1.08	-1.12	-1.37	-1.11	-1.34	-0.73	-1.40	-0.89	-0.93	-1.04
PJM 61847	9.39	6.35	5.58	5.12	5.19	5.65	7.95	9.80	13.11	13.93	14.05	14.03	12.69	11.11	10.23	10.89	13.78	18.26	24.43	18.40	15.47	11.51	9.46
	0.07	0.06	0.07	0.08	0.07	0.15	0.21	0.26	0.40	0.43	0.41	0.41	0.34	0.28	0.28	0.31	0.43	0.54	0.86	0.52	0.39	0.24	0.08
	-8.30	-5.26	-4.48	-4.00	-4.08	-3.35	-4.63	-5.51	-6.48	-7.05	-7.18	-7.36	-7.04	-6.57	-5.57	-5.75	-6.88	-9.83	-11.00	-10.83	-9.75	-8.01	-8.29
WEST 61752	2.90	2.21	2.06	1.98	1.98	2.93	4.16	5.20	8.00	9.64	10.00	7.31	6.04	5.19	5.32	6.00	7.40	9.00	12.94	8.33	6.14	4.15	2.09
	-0.02	-0.02	0.01	0.02	0.01	0.01	-0.02	-0.10	-0.17	-0.16	-0.18	-0.16	-0.15	-0.11	-0.13	-0.16	-0.13	-0.17	-0.34	-0.08	-0.04	0.00	0.01
	-1.90	-1.20	-1.03	-0.92	-0.94	-0.77	-1.06	-1.26	-1.94	-3.35	-3.73	-1.21	-0.88	-1.04	-1.07	-1.32	-1.07	-1.29	-0.70	-1.35	-0.86	-0.89	-1.00