

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/03/2016

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	11.56	10.60	8.85	8.07	9.51	11.18	18.25	18.61	20.95	21.72	21.99	23.49	23.27	23.80	22.60	22.56	23.35	23.75	24.58	26.67	21.57	17.41	14.48	11.16
61757	0.58	0.49	0.46	0.48	0.54	0.65	1.09	0.67	0.67	0.62	0.60	0.58	0.58	0.59	0.58	0.60	0.59	0.59	0.60	0.57	0.61	0.64	0.65	0.64
	-1.77	-2.35	-1.25	-0.24	-0.69	-0.32	-1.18	-8.27	-10.86	-11.77	-12.09	-13.77	-13.54	-14.13	-12.79	-12.72	-13.61	-14.06	-14.98	-17.33	-11.61	-6.96	-3.66	0.00
CENTRL	9.29	7.91	7.18	7.29	8.27	10.18	16.29	17.31	19.41	20.21	20.98	22.22	22.07	22.47	21.50	21.62	22.20	22.16	22.73	24.85	20.06	16.27	13.66	10.67
61754	-0.09	-0.09	-0.09	-0.08	-0.08	-0.05	0.19	0.16	0.19	0.25	0.21	0.18	0.22	0.18	0.20	0.18	0.19	0.20	0.21	0.24	0.22	0.18	0.18	0.15
	-0.18	-0.23	-0.12	-0.02	-0.07	-0.03	-0.12	-7.46	-9.80	-10.62	-11.48	-12.91	-12.70	-13.21	-12.07	-12.20	-12.87	-12.86	-13.52	-15.85	-10.48	-6.28	-3.31	0.00
DUNWOD	11.24	10.07	8.62	8.13	9.46	11.31	18.24	19.07	21.40	22.20	22.49	24.07	23.88	24.43	23.24	23.21	23.98	24.37	25.14	27.26	22.14	17.98	14.95	11.65
61760	0.78	0.65	0.59	0.61	0.69	0.88	1.44	0.97	0.91	0.87	0.87	0.90	0.93	0.94	0.97	1.01	0.97	0.95	0.87	0.83	0.95	1.07	1.05	1.13
	-1.25	-1.66	-0.88	-0.17	-0.49	-0.23	-0.82	-8.42	-11.07	-11.99	-12.33	-14.04	-13.80	-14.40	-13.04	-12.96	-13.87	-14.32	-15.26	-17.66	-11.83	-7.09	-3.73	0.00
GENESE	9.01	7.65	6.94	7.06	8.00	9.92	16.11	17.14	19.26	20.09	20.32	21.57	21.41	21.83	20.79	20.70	21.47	21.86	22.64	24.60	19.97	16.09	13.52	10.47
61753	-0.34	-0.30	-0.31	-0.31	-0.34	-0.31	0.03	-0.02	0.02	0.11	0.09	-0.02	0.01	-0.04	-0.01	-0.06	0.01	0.04	0.08	0.15	0.10	-0.02	0.04	-0.05
	-0.15	-0.19	-0.10	-0.02	-0.06	-0.03	-0.10	-7.48	-9.82	-10.64	-10.94	-12.46	-12.24	-12.78	-11.57	-11.52	-12.32	-12.73	-13.55	-15.68	-10.51	-6.30	-3.32	0.00
H Q	9.00	7.57	7.00	7.21	8.11	9.96	15.45	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26
61844	-0.18	-0.15	-0.13	-0.14	-0.16	-0.23	-0.51	-0.25	-0.25	-0.26	-0.25	-0.26	-0.26	-0.24	-0.26	-0.26	-0.26	-0.25	-0.25	-0.25	-0.26	-0.26	-0.27	-0.26
	0.03	0.04	0.02	0.00	0.01	0.01	0.02	-0.83	-1.09	-1.18	-1.22	-1.39	-1.36	-1.42	-1.29	-1.28	-1.37	-1.42	-1.51	-1.74	-1.17	-0.70	-0.37	0.00
HUD VL	11.21	10.05	8.59	8.11	9.42	11.27	18.21	19.02	21.36	22.16	22.44	24.02	23.82	24.36	23.17	23.13	23.90	24.31	25.09	27.23	22.08	17.89	14.86	11.61
61758	0.76	0.63	0.56	0.59	0.65	0.84	1.41	0.93	0.89	0.84	0.84	0.87	0.88	0.89	0.91	0.94	0.91	0.90	0.85	0.82	0.91	0.99	0.97	1.08
	-1.25	-1.66	-0.88	-0.17	-0.49	-0.23	-0.82	-8.42	-11.06	-11.98	-12.32	-14.03	-13.78	-14.39	-13.03	-12.95	-13.85	-14.31	-15.24	-17.64	-11.82	-7.08	-3.73	0.00
LONGIL	11.38	10.13	8.67	8.21	9.52	11.43	18.63	19.31	21.67	22.37	22.74	24.35	28.15	24.79	23.63	27.43	30.32	28.57	40.00	40.10	29.44	23.00	15.28	11.90
61762	0.92	0.71	0.64	0.68	0.75	1.00	1.82	1.21	1.18	1.04	1.12	1.18	1.27	1.29	1.33	1.35	1.32	1.28	1.21	1.16	1.32	1.44	1.38	1.38
	-1.25	-1.66	-0.88	-0.17	-0.49	-0.23	-0.82	-8.42	-11.07	-11.99	-12.33	-14.04	-17.72	-14.42	-13.07	-16.84	-19.86	-18.19	-29.79	-30.17	-18.77	-11.74	-3.73	0.00
MHK VL	9.59	8.14	7.42	7.55	8.56	10.49	16.60	17.43	19.46	20.21	20.45	21.74	21.58	22.00	20.96	20.88	21.56	21.93	22.66	24.53	20.03	16.38	13.81	10.92
61756	0.23	0.19	0.17	0.18	0.21	0.26	0.53	0.44	0.42	0.46	0.45	0.42	0.44	0.41	0.41	0.39	0.38	0.40	0.41	0.44	0.40	0.41	0.41	0.40
	-0.15	-0.20	-0.10	-0.02	-0.06	-0.03	-0.09	-7.31	-9.61	-10.42	-10.71	-12.19	-11.98	-12.51	-11.32	-11.25	-12.04	-12.43	-13.24	-15.32	-10.27	-6.16	-3.24	0.00
MILLWD	11.24	10.08	8.62	8.13	9.45	11.30	18.25	19.07	21.41	22.22	22.50	24.09	23.89	24.44	23.23	23.20	23.97	24.36	25.15	27.29	22.14	17.96	14.94	11.65
61759	0.77	0.64	0.59	0.61	0.68	0.87	1.44	0.97	0.92	0.89	0.88	0.92	0.94	0.95	0.96	1.00	0.96	0.94	0.89	0.87	0.95	1.05	1.05	1.13
	-1.26	-1.67	-0.89	-0.17	-0.49	-0.23	-0.83	-8.42	-11.07	-11.99	-12.33	-14.04	-13.79	-14.40	-13.04	-12.96	-13.86	-14.32	-15.26	-17.65	-11.83	-7.09	-3.73	0.00
N.Y.C.	11.33	10.14	8.68	8.19	9.52	11.38	18.34	19.13	21.43	22.23	22.54	24.13	23.93	24.47	23.30	23.27	24.03	24.41	25.14	27.26	22.19	18.06	15.04	11.74
61761	0.87	0.72	0.65	0.66	0.75	0.95	1.53	1.03	0.94	0.91	0.92	0.96	0.98	0.99	1.03	1.07	1.02	0.98	0.88	0.83	1.00	1.16	1.15	1.22
	-1.25	-1.66	-0.88	-0.17	-0.49	-0.23	-0.82	-8.42	-11.07	-11.99	-12.33	-14.04	-13.79	-14.40	-13.04	-12.96	-13.86	-14.32	-15.26	-17.65	-11.83	-7.09	-3.73	0.00
NORTH	8.97	7.56	7.00	7.21	8.11	9.85	15.16	11.29	11.53	11.70	11.71	11.86	11.89	11.94	11.78	11.75	11.88	11.92	12.07	12.36	11.69	11.16	10.73	10.31
61755	-0.19	-0.14	-0.11	-0.13	-0.16	-0.35	-0.80	-0.21	-0.29	-0.24	-0.26	-0.31	-0.26	-0.26	-0.28	-0.30	-0.27	-0.29	-0.24	-0.24	-0.23	-0.20	-0.24	-0.21
	0.05	0.06	0.03	0.01	0.02	0.01	0.03	-1.83	-2.40	-2.60	-2.67	-3.05	-2.99	-3.13	-2.83	-2.81	-3.01	-3.11	-3.31	-3.83	-2.57	-1.54	-0.81	0.00
NPX	11.38	10.34	8.72	8.07	9.46	11.21	18.15	18.85	21.18	21.97	22.27	23.82	23.59	24.16	22.95	22.90	23.69	24.09	24.92	27.04	21.88	17.67	14.68	11.35
61845	0.63	0.54	0.49	0.51	0.58	0.72	1.17	0.77	0.73	0.68	0.69	0.69	0.69	0.72	0.72	0.74	0.72	0.71	0.70	0.67	0.73	0.79	0.79	0.83
	-1.54	-2.04	-1.08	-0.21	-0.60	-0.28	-1.00	-8.40	-11.03	-11.95	-12.29	-14.00	-13.75	-14.36	-13.00	-12.92	-13.82	-14.28	-15.21	-17.60	-11.80	-7.07	-3.72	0.00

OH 61846	6.76	6.94	6.39	6.10	6.10	6.44	8.21	9.94	11.43	11.82	12.52	12.44	12.28	12.38	11.96	11.95	11.82	17.00	15.64	16.72	14.46	11.27	10.40	6.57
	-0.55	-0.45	-0.43	-0.44	-0.50	-0.54	-0.42	-0.19	-0.12	0.05	-0.08	-0.16	-0.06	-0.14	-0.07	-0.10	-0.07	-0.06	-0.09	-0.03	-0.02	-0.14	-0.07	-0.16
	1.90	0.37	0.33	0.81	1.69	3.22	7.36	-0.45	-2.13	-2.44	-3.31	-3.47	-3.19	-3.43	-2.80	-2.81	-2.75	-7.96	-6.73	-7.98	-5.13	-1.59	-0.31	3.80
PJM 61847	10.01	8.76	7.70	7.53	8.65	10.49	16.94	18.08	20.31	21.17	22.70	23.93	23.81	24.20	23.27	23.62	24.09	23.53	23.88	26.36	21.08	17.03	15.00	11.02
	0.12	0.10	0.08	0.09	0.10	0.16	0.51	0.40	0.41	0.49	0.40	0.37	0.45	0.40	0.45	0.45	0.45	0.45	0.39	0.40	0.49	0.48	0.50	0.49
	-0.68	-0.90	-0.48	-0.09	-0.26	-0.12	-0.45	-8.00	-10.48	-11.35	-13.01	-14.42	-14.21	-14.72	-13.59	-13.93	-14.50	-13.99	-14.49	-17.19	-11.24	-6.73	-4.34	0.00
WEST 61752	9.00	7.69	6.97	7.06	8.00	9.89	16.07	17.33	19.49	20.45	29.00	29.00	29.00	29.00	29.00	29.00	28.11	24.00	22.89	28.00	20.24	16.32	13.73	10.60
	-0.40	-0.32	-0.31	-0.32	-0.36	-0.35	-0.03	0.10	0.16	0.37	0.21	0.14	0.23	0.15	0.21	0.18	0.21	0.23	0.20	0.26	0.27	0.15	0.21	0.07
	-0.19	-0.25	-0.13	-0.03	-0.07	-0.03	-0.12	-7.56	-9.91	-10.74	-19.49	-19.73	-19.62	-19.76	-19.56	-19.58	-18.75	-14.67	-13.69	-18.97	-10.62	-6.36	-3.35	0.00