

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/11/2016

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	15.97	14.82	12.00	10.39	9.96	10.59	10.44	14.21	14.65	13.49	14.00	15.12	15.86	15.49	15.38	15.94	17.25	17.71	17.45	16.75	16.74	16.63	16.88	
61757	0.44	0.32	0.28	0.29	0.28	0.28	0.30	0.35	0.65	0.89	0.89	0.95	1.00	0.94	0.95	0.99	1.08	1.08	1.14	1.13	1.13	1.12	0.88	0.57
	-7.52	-9.07	-6.81	-5.19	-4.79	-5.60	-5.23	-7.56	-3.43	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	-2.81	-5.67
CENTRL	8.92	6.48	5.69	5.51	5.44	5.36	5.55	7.22	11.44	12.73	13.27	14.80	15.50	15.32	15.46	16.10	17.29	17.46	16.50	15.81	15.85	15.58	13.43	11.36
61754	0.09	0.05	0.03	0.03	0.02	0.04	0.06	0.09	0.03	0.14	0.16	0.24	0.24	0.28	0.30	0.34	0.40	0.43	0.36	0.33	0.28	0.28	0.19	0.11
	-0.82	-1.00	-0.75	-0.57	-0.53	-0.62	-0.57	-0.83	-0.83	0.00	0.00	-0.38	-0.40	-0.50	-0.73	-0.81	-0.72	-0.40	0.16	0.13	0.05	0.00	-0.31	-0.62
DUNWOD	14.56	12.79	10.50	9.29	8.98	9.37	9.34	12.64	20.00	20.89	21.17	21.64	22.83	24.39	26.14	27.35	27.34	27.35	26.27	23.71	24.60	24.11	21.38	18.78
61760	0.98	0.63	0.55	0.53	0.53	0.52	0.56	0.74	1.28	1.57	1.64	1.80	1.87	1.85	1.86	1.93	2.10	2.11	2.10	2.03	2.03	1.99	1.67	1.29
	-5.57	-6.72	-5.05	-3.85	-3.55	-4.15	-3.87	-5.60	-8.14	-6.72	-6.42	-5.66	-6.10	-8.00	-9.85	-10.48	-9.07	-8.60	-7.86	-6.06	-6.96	-6.82	-6.78	-6.86
GENESE	8.57	6.14	5.42	5.27	5.18	5.11	5.29	6.85	10.82	12.29	12.86	14.06	14.74	14.50	14.43	14.96	16.25	17.05	16.42	15.69	15.58	15.25	13.11	11.04
61753	-0.10	-0.08	-0.08	-0.08	-0.12	-0.08	-0.08	-0.10	-0.41	-0.30	-0.25	-0.11	-0.12	-0.04	0.00	0.01	0.08	0.15	0.02	-0.02	-0.06	-0.06	-0.08	-0.10
	-0.65	-0.79	-0.59	-0.45	-0.41	-0.48	-0.45	-0.65	-0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.10	-0.08	-0.03	0.00	-0.25	-0.50
H Q	7.72	5.26	4.75	4.75	4.75	4.56	4.75	6.08	10.25	12.13	12.60	13.59	14.27	13.93	13.81	14.31	15.46	15.92	15.61	14.95	14.98	14.66	12.40	10.27
61844	-0.29	-0.18	-0.16	-0.15	-0.14	-0.15	-0.17	-0.22	-0.33	-0.47	-0.51	-0.58	-0.59	-0.61	-0.62	-0.64	-0.71	-0.71	-0.70	-0.67	-0.64	-0.64	-0.53	-0.36
	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	14.38	12.62	10.37	9.18	8.87	9.26	9.23	12.48	19.02	20.25	20.57	21.07	22.27	23.69	25.30	26.49	26.57	26.62	25.57	23.15	23.97	23.50	20.88	18.42
61758	0.91	0.60	0.52	0.51	0.50	0.48	0.52	0.69	1.16	1.45	1.53	1.67	1.78	1.76	1.77	1.87	2.02	2.05	2.01	1.94	1.94	1.90	1.56	1.21
	-5.46	-6.58	-4.94	-3.77	-3.48	-4.06	-3.79	-5.49	-7.28	-6.21	-5.93	-5.23	-5.63	-7.39	-9.09	-9.67	-8.38	-7.94	-7.26	-5.59	-6.42	-6.29	-6.38	-6.57
LONGIL	14.77	12.88	10.61	9.38	11.23	13.29	15.69	17.57	20.70	25.00	22.87	21.89	23.06	24.51	26.25	27.47	27.50	27.56	26.43	23.81	24.76	24.36	21.51	18.88
61762	1.18	0.71	0.64	0.62	0.66	0.63	0.69	0.93	1.57	1.90	1.90	1.98	2.04	1.88	1.86	1.93	2.15	2.23	2.17	2.06	2.11	2.16	1.73	1.35
	-5.59	-6.74	-5.06	-3.86	-5.69	-7.95	-10.09	-10.35	-8.56	-10.51	-7.86	-5.73	-6.17	-8.09	-9.96	-10.60	-9.18	-8.70	-7.95	-6.13	-7.03	-6.90	-6.84	-6.90
MHK VL	9.08	6.61	5.80	5.60	5.54	5.45	5.64	7.33	11.80	13.28	13.80	14.88	15.59	15.36	15.36	15.92	17.10	17.57	17.20	16.37	16.40	16.11	13.80	11.62
61756	0.18	0.11	0.09	0.09	0.09	0.08	0.10	0.13	0.20	0.30	0.33	0.38	0.39	0.36	0.37	0.37	0.42	0.45	0.44	0.41	0.39	0.41	0.28	0.20
	-0.89	-1.07	-0.80	-0.61	-0.56	-0.67	-0.62	-0.90	-1.02	-0.38	-0.37	-0.32	-0.35	-0.45	-0.56	-0.60	-0.52	-0.49	-0.45	-0.34	-0.40	-0.39	-0.58	-0.79
MILLWD	14.60	12.85	10.55	9.32	9.01	9.40	9.37	12.67	19.89	21.11	21.39	21.84	23.05	24.70	26.53	27.76	27.70	27.68	26.56	23.93	24.86	24.38	21.59	18.92
61759	0.96	0.62	0.55	0.53	0.53	0.51	0.55	0.72	1.25	1.54	1.61	1.79	1.86	1.85	1.86	1.93	2.10	2.11	2.09	2.02	2.02	1.99	1.67	1.28
	-5.63	-6.79	-5.10	-3.89	-3.58	-4.19	-3.91	-5.65	-8.07	-6.99	-6.67	-5.88	-6.34	-8.32	-10.24	-10.89	-9.43	-8.94	-8.17	-6.30	-7.23	-7.09	-6.99	-7.01
N.Y.C.	14.65	12.85	10.55	9.34	9.02	9.41	9.37	12.69	20.10	22.94	22.94	23.53	24.51	24.89	27.16	28.13	28.14	28.10	27.11	25.00	25.74	25.34	22.40	20.12
61761	1.05	0.67	0.59	0.57	0.57	0.55	0.58	0.79	1.37	1.69	1.74	1.91	1.99	1.96	1.96	2.02	2.22	2.24	2.23	2.16	2.14	2.11	1.79	1.38
	-5.59	-6.74	-5.06	-3.86	-3.56	-4.15	-3.88	-5.61	-8.16	-8.66	-8.09	-7.44	-7.65	-8.39	-10.77	-11.17	-9.76	-9.22	-8.57	-7.22	-7.98	-7.92	-7.68	-8.11
NORTH	7.57	5.17	4.69	4.69	4.69	4.47	4.67	5.98	10.08	11.91	12.33	13.24	13.93	13.55	13.40	13.90	14.99	15.47	15.12	14.47	14.57	14.26	12.04	10.05
61755	-0.44	-0.26	-0.22	-0.21	-0.20	-0.24	-0.25	-0.31	-0.50	-0.68	-0.77	-0.94	-0.94	-0.99	-1.02	-1.05	-1.18	-1.16	-1.19	-1.16	-1.05	-1.04	-0.89	-0.58
	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	15.60	14.39	11.69	10.15	9.75	10.34	10.22	13.90	14.00	13.13	13.69	14.87	15.56	15.11	14.90	15.41	16.80	17.26	17.05	16.49	17.29	16.11	16.24	16.43
61845	0.41	0.29	0.28	0.29	0.28	0.28	0.31	0.38	0.66	0.89	0.92	0.99	1.02	0.99	0.99	1.02	1.11	1.08	1.16	1.19	1.19	1.16	0.87	0.52
	-7.18	-8.66	-6.50	-4.96	-4.57	-5.35	-4.99	-7.22	-2.77	0.36	0.34	0.30	0.32	0.42	0.52	0.55	0.48	0.46	0.42	0.32	-0.49	0.36	-2.44	-5.28

OH 61846	8.81	6.49	5.69	5.50	5.39	5.35	5.55	7.16	11.02	12.19	12.72	12.40	13.00	12.40	11.48	11.73	13.43	15.13	16.38	15.65	15.54	15.21	13.15	11.16
	-0.10	-0.03	-0.02	-0.02	-0.07	-0.02	0.01	-0.04	-0.47	-0.40	-0.39	-0.27	-0.28	-0.16	-0.07	-0.01	0.11	0.17	-0.03	-0.05	-0.11	-0.09	-0.12	-0.15
	-0.90	-1.08	-0.81	-0.62	-0.57	-0.67	-0.62	-0.90	-0.90	0.00	0.00	1.51	1.58	1.98	2.88	3.20	2.85	1.67	-0.10	-0.07	-0.03	0.00	-0.34	-0.68
PJM 61847	12.23	10.21	8.54	7.75	7.53	7.74	7.80	10.43	16.28	17.17	17.57	18.82	19.84	20.71	21.95	22.99	23.49	23.35	22.90	21.04	20.98	20.33	17.92	15.60
	0.58	0.39	0.34	0.33	0.32	0.32	0.36	0.48	0.68	0.89	0.94	1.08	1.14	1.16	1.23	1.30	1.46	1.48	1.40	1.34	1.31	1.29	1.05	0.77
	-3.63	-4.39	-3.29	-2.51	-2.32	-2.70	-2.52	-3.65	-5.02	-3.69	-3.52	-3.57	-3.83	-5.00	-6.30	-6.74	-5.86	-5.24	-5.19	-4.07	-4.05	-3.74	-3.93	-4.20
WEST 61752	8.96	6.56	5.77	5.57	5.46	5.42	5.65	7.27	11.20	12.50	13.04	20.23	21.21	22.60	26.12	28.00	28.00	24.00	24.32	22.50	18.00	15.64	13.48	11.37
	0.09	0.09	0.08	0.08	0.02	0.08	0.13	0.11	-0.24	-0.09	-0.07	0.11	0.12	0.23	0.33	0.40	0.58	0.67	0.42	0.39	0.33	0.34	0.22	0.08
	-0.86	-1.03	-0.78	-0.59	-0.55	-0.64	-0.60	-0.86	-0.86	0.00	0.00	-5.94	-6.23	-7.83	-11.36	-12.65	-11.25	-6.70	-7.59	-6.49	-2.06	0.00	-0.32	-0.65