

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/10/2016

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	37.77	32.88	30.29	30.06	29.46	28.06	23.60	25.54	25.25	26.84	28.32	28.26	28.36	25.50	25.72	25.75	25.38	24.82	28.88	30.04	35.88	31.71	26.21	27.02
61757	0.93	0.95	0.98	1.00	1.06	1.07	1.10	1.03	1.48	1.55	1.52	1.46	1.29	1.22	1.07	0.99	1.03	1.23	1.40	2.14	2.43	2.17	1.75	1.78
	-24.81	-19.29	-16.63	-16.36	-15.17	-13.49	-7.43	-10.77	-5.46	-5.98	-7.59	-8.14	-10.56	-8.40	-10.52	-11.53	-10.17	-6.94	-8.78	0.21	0.28	0.23	0.17	0.18
CENTRL	15.71	15.55	15.26	15.24	15.64	15.68	16.47	16.67	20.66	21.91	22.14	21.59	19.54	18.51	16.92	15.90	16.92	19.00	21.61	30.44	37.97	31.89	25.83	25.78
61754	0.37	0.33	0.35	0.36	0.40	0.40	0.45	0.43	0.48	0.48	0.50	0.47	0.41	0.38	0.34	0.32	0.34	0.40	0.43	0.59	0.78	0.60	0.47	0.61
	-3.31	-2.57	-2.22	-2.18	-2.01	-1.77	-0.95	-2.50	-1.88	-2.12	-2.43	-2.46	-2.62	-2.26	-2.46	-2.35	-2.40	-1.95	-2.48	-1.74	-3.46	-1.53	-0.73	0.25
DUNWOD	34.05	30.11	27.96	27.73	27.34	26.26	23.20	24.45	25.27	27.00	28.25	28.12	27.65	25.12	24.89	24.70	24.70	24.87	28.72	31.99	38.05	33.61	27.71	28.24
61760	1.42	1.45	1.47	1.45	1.51	1.54	1.93	1.73	2.36	2.65	2.65	2.61	2.31	2.22	1.99	1.88	2.04	2.40	2.65	3.88	4.32	3.84	3.08	2.82
	-20.60	-16.01	-13.80	-13.58	-12.60	-11.22	-6.20	-8.97	-4.61	-5.05	-6.38	-6.84	-8.83	-7.02	-8.76	-9.59	-8.48	-5.82	-7.36	0.00	0.00	0.00	0.00	0.00
GENESE	14.88	14.84	14.62	14.64	15.16	15.22	16.01	15.08	18.90	19.89	19.99	19.49	17.61	16.76	15.24	14.52	15.28	17.37	18.36	25.99	30.09	27.60	23.38	25.03
61753	0.22	0.14	0.16	0.20	0.32	0.30	0.18	0.22	0.09	0.04	0.06	0.06	0.05	0.03	0.03	0.09	0.06	0.05	-0.06	-0.28	-0.27	-0.45	-0.32	-0.20
	-2.64	-2.05	-1.77	-1.74	-1.61	-1.41	-0.76	-1.11	-0.51	-0.55	-0.72	-0.77	-1.06	-0.84	-1.08	-1.20	-1.04	-0.67	0.29	1.84	3.37	1.72	0.94	0.18
H Q	11.50	12.12	12.16	12.17	12.20	11.20	11.80	10.57	11.20	11.20	11.20	10.25	10.25	11.07	10.29	10.25	10.25	10.25	11.20	11.20	11.20	11.20	11.20	11.20
61844	-0.53	-0.53	-0.53	-0.53	-0.58	-0.58	-0.65	-0.60	-0.79	-0.83	-0.85	-0.82	-0.73	-0.70	-0.62	-0.58	-0.62	-0.73	-0.80	-1.21	-1.45	-1.28	-1.03	-1.09
	0.00	0.00	0.00	0.00	0.45	1.73	2.62	2.57	6.32	7.28	7.17	7.59	5.53	4.11	3.22	2.40	3.31	5.67	6.70	15.70	21.08	17.29	12.40	13.12
HUD VL	33.67	29.78	27.68	27.45	27.08	26.01	22.91	24.13	24.94	26.62	27.86	27.68	27.23	24.71	24.50	24.30	24.29	24.45	28.25	31.51	37.57	33.13	27.39	28.01
61758	1.35	1.37	1.40	1.37	1.44	1.46	1.73	1.55	2.10	2.34	2.36	2.28	2.03	1.92	1.74	1.63	1.76	2.06	2.30	3.40	3.84	3.36	2.76	2.59
	-20.29	-15.77	-13.60	-13.38	-12.41	-11.05	-6.11	-8.83	-4.54	-4.97	-6.28	-6.74	-8.70	-6.91	-8.63	-9.44	-8.35	-5.73	-7.25	0.00	0.00	0.00	0.00	0.00
LONGIL	34.82	30.88	28.90	28.64	28.28	27.27	26.75	28.60	30.00	32.78	29.81	29.87	28.99	27.84	25.90	25.64	25.71	27.45	30.16	43.20	42.59	38.62	29.51	29.51
61762	2.19	2.23	2.40	2.36	2.45	2.54	3.25	2.98	3.99	4.32	3.69	3.55	3.65	3.51	3.00	2.80	3.04	3.71	4.08	6.21	6.48	5.30	4.88	4.09
	-20.60	-16.01	-13.81	-13.58	-12.60	-11.22	-8.43	-11.87	-7.71	-9.15	-6.90	-7.66	-8.84	-8.45	-8.78	-9.60	-8.49	-7.09	-7.38	-8.88	-2.39	-3.56	0.00	0.00
MHK VL	16.11	15.88	15.55	15.52	15.81	15.70	16.32	15.43	18.81	19.79	19.94	19.37	17.76	16.93	15.56	14.97	15.73	17.50	19.83	27.06	32.22	28.48	23.73	24.58
61756	0.32	0.32	0.34	0.34	0.34	0.39	0.50	0.41	0.57	0.60	0.58	0.54	0.43	0.41	0.37	0.37	0.41	0.50	0.62	0.90	1.11	0.86	0.64	0.71
	-3.76	-2.92	-2.52	-2.48	-2.23	-1.80	-0.76	-1.27	0.06	0.11	-0.14	-0.17	-0.82	-0.63	-1.07	-1.37	-1.13	-0.36	-0.51	1.95	2.62	2.15	1.54	1.55
MILLWD	34.04	30.13	27.96	27.73	27.34	26.27	23.18	24.43	25.25	26.98	28.22	28.05	27.61	25.08	24.85	24.66	24.67	24.83	28.68	31.93	38.05	33.58	27.69	28.26
61759	1.43	1.48	1.48	1.46	1.52	1.55	1.91	1.72	2.34	2.63	2.63	2.56	2.28	2.19	1.96	1.85	2.01	2.36	2.62	3.82	4.32	3.81	3.05	2.85
	-20.59	-16.00	-13.79	-13.57	-12.59	-11.21	-6.19	-8.96	-4.60	-5.05	-6.37	-6.84	-8.82	-7.01	-8.76	-9.58	-8.47	-5.82	-7.36	0.00	0.00	0.00	0.00	0.00
N.Y.C.	34.08	30.14	27.99	27.75	27.35	26.24	23.18	24.43	25.25	27.00	28.26	28.17	27.68	25.18	24.94	24.75	24.74	24.90	28.77	32.02	38.05	33.63	27.79	28.31
61761	1.45	1.48	1.50	1.47	1.52	1.51	1.91	1.72	2.34	2.65	2.67	2.67	2.34	2.29	2.05	1.93	2.09	2.43	2.71	3.91	4.32	3.87	3.15	2.90
	-20.60	-16.01	-13.80	-13.58	-12.60	-11.22	-6.20	-8.97	-4.60	-5.05	-6.38	-6.84	-8.83	-7.01	-8.76	-9.59	-8.48	-5.82	-7.36	0.00	0.00	0.00	0.00	0.00
NORTH	11.27	11.93	11.97	11.98	12.00	11.16	11.89	10.60	11.45	11.57	11.50	10.59	10.41	11.12	10.27	10.17	10.25	10.43	11.46	12.20	12.69	12.27	11.99	11.97
61755	-0.76	-0.72	-0.72	-0.72	-0.83	-0.80	-0.83	-0.84	-1.17	-1.20	-1.27	-1.25	-1.12	-1.06	-0.96	-0.90	-0.95	-1.12	-1.22	-1.77	-2.06	-1.93	-1.48	-1.63
	0.00	0.00	0.00	0.00	0.40	1.55	2.35	2.31	5.68	6.54	6.45	6.82	4.97	3.70	2.90	2.16	2.98	5.10	6.03	14.14	18.98	15.57	11.16	11.82
NPX	35.81	31.43	29.07	28.82	28.32	27.09	23.33	24.95	26.07	29.15	29.63	29.64	28.77	26.69	26.24	26.55	26.70	29.96	33.62	38.26	38.11	34.18	26.85	27.60
61845	1.14	1.19	1.21	1.19	1.24	1.26	1.45	1.35	1.85	1.97	1.96	1.92	1.70	1.64	1.46	1.36	1.46	1.72	1.91	2.81	3.17	2.83	2.22	2.19
	-22.64	-17.60	-15.17	-14.93	-13.84	-12.33	-6.81	-9.86	-5.92	-7.87	-8.45	-9.06	-10.56	-9.18	-10.65	-11.96	-11.06	-11.60	-13.01	-7.34	-1.21	-1.58	0.00	0.00

OH 61846	10.16	8.10	8.80	8.00	8.00	13.49	14.35	12.08	15.09	15.50	15.38	15.00	13.91	13.28	12.15	12.23	12.15	14.10	16.04	22.00	22.00	17.77	12.00	9.10
	0.57	0.52	0.53	0.53	0.62	0.59	0.47	0.48	0.26	0.21	0.25	0.24	0.26	0.22	0.20	0.20	0.20	0.23	0.08	-0.31	-0.40	-0.60	-0.34	0.20
	2.43	5.07	4.42	5.23	5.86	0.61	1.19	2.14	3.47	4.02	4.09	3.90	2.86	2.82	2.18	1.20	2.23	2.78	2.73	5.80	11.33	11.41	12.29	16.52
PJM 61847	27.42	24.89	23.42	23.25	23.17	22.49	20.82	22.55	24.57	26.26	27.21	26.90	25.71	23.65	22.85	22.15	22.73	23.62	27.26	32.89	40.88	34.24	27.68	27.31
	1.18	1.20	1.21	1.18	1.26	1.27	1.51	1.39	1.74	1.91	1.94	1.90	1.70	1.62	1.46	1.36	1.49	1.75	1.89	2.58	2.87	2.50	2.07	2.06
	-14.21	-11.05	-9.52	-9.37	-8.68	-7.72	-4.24	-7.41	-4.53	-5.04	-6.06	-6.34	-7.50	-6.16	-7.26	-7.56	-7.06	-5.22	-6.67	-2.20	-4.29	-1.97	-0.98	0.17
WEST 61752	16.40	16.19	15.89	15.86	16.33	16.31	16.93	26.00	31.00	33.72	34.69	33.89	30.27	28.39	26.00	23.00	26.00	28.25	31.80	44.51	64.83	44.43	32.34	25.98
	0.91	0.86	0.89	0.88	0.99	0.95	0.86	0.87	0.70	0.68	0.71	0.69	0.68	0.60	0.54	0.53	0.55	0.65	0.47	0.22	0.24	-0.09	0.12	0.74
	-3.46	-2.69	-2.32	-2.28	-2.11	-1.86	-1.01	-11.39	-12.00	-13.74	-14.76	-14.54	-13.09	-11.91	-11.33	-9.24	-11.27	-10.95	-12.63	-16.17	-30.86	-14.75	-7.59	0.17