

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

01/15/2016

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL	29.31	28.45	26.82	26.60	24.97	30.27	35.16	40.11	38.77	36.98	36.30	33.38	31.06	30.45	29.08	29.94	35.34	47.58	43.26	36.45	34.98	32.69	27.61	24.51
61757	0.92	0.78	0.66	0.66	0.78	0.82	1.46	1.47	1.46	1.53	1.50	1.42	1.24	1.09	1.03	1.01	1.08	1.37	1.29	1.21	1.11	0.93	0.74	0.67
	-16.93	-18.00	-17.90	-17.60	-14.35	-19.51	-16.48	-19.59	-18.76	-15.84	-15.85	-13.33	-13.08	-13.73	-13.26	-14.32	-18.65	-27.21	-24.35	-18.02	-17.98	-17.64	-15.68	-14.37
CENTRL	13.68	11.98	10.57	10.61	11.70	12.50	19.57	21.61	21.08	22.16	21.68	21.24	18.85	17.48	16.45	16.42	18.00	22.55	20.83	19.62	18.22	16.28	13.12	11.38
61754	0.05	0.01	0.01	0.01	0.02	0.05	0.22	0.04	0.00	0.06	0.15	0.13	0.08	-0.02	-0.04	-0.04	-0.02	0.04	0.07	0.07	0.02	-0.11	-0.09	0.07
	-2.17	-2.31	-2.30	-2.26	-1.84	-2.50	-2.13	-2.53	-2.53	-2.49	-2.57	-2.47	-2.03	-1.87	-1.71	-1.85	-2.41	-3.51	-3.14	-2.32	-2.32	-2.28	-2.01	-1.85
DUNWOD	25.81	24.65	22.99	22.85	21.97	26.13	31.91	36.42	35.33	34.28	33.59	31.23	28.93	28.19	26.86	27.51	31.95	42.38	38.61	33.28	31.73	29.47	24.65	21.69
61760	1.16	0.96	0.79	0.79	0.95	0.98	1.86	2.11	2.17	2.33	2.29	2.22	2.01	1.87	1.74	1.74	1.81	2.18	2.03	2.01	1.84	1.61	1.24	1.03
	-13.19	-14.03	-13.95	-13.71	-11.18	-15.21	-12.83	-15.26	-14.61	-12.34	-12.35	-10.38	-10.19	-10.69	-10.33	-11.15	-14.53	-21.19	-18.97	-14.03	-14.00	-13.74	-12.21	-11.20
GENESE	13.01	11.34	9.98	10.01	11.11	11.78	18.66	20.45	19.69	20.46	20.01	19.39	17.52	16.40	15.51	15.46	16.88	21.23	19.71	18.62	17.31	15.43	12.35	10.80
61753	-0.31	-0.29	-0.25	-0.27	-0.31	-0.30	-0.36	-0.74	-0.91	-0.88	-0.68	-0.71	-0.65	-0.73	-0.72	-0.73	-0.78	-0.76	-0.58	-0.59	-0.56	-0.62	-0.57	-0.25
	-1.86	-1.97	-1.96	-1.93	-1.57	-2.14	-1.81	-2.15	-2.06	-1.74	-1.74	-1.46	-1.43	-1.50	-1.45	-1.57	-2.05	-2.99	-2.68	-1.98	-1.98	-1.94	-1.72	-1.58
H Q	11.19	9.44	8.07	8.15	9.62	9.70	16.77	18.63	18.10	19.12	18.42	18.14	16.28	15.24	14.44	14.28	15.25	18.54	17.18	16.80	15.51	13.82	10.97	9.23
61844	-0.28	-0.22	-0.19	-0.19	-0.23	-0.24	-0.45	-0.42	-0.45	-0.49	-0.53	-0.50	-0.45	-0.39	-0.34	-0.34	-0.36	-0.46	-0.44	-0.43	-0.38	-0.30	-0.22	-0.24
	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	25.71	24.56	22.92	22.78	21.90	26.02	31.77	36.24	35.13	34.08	33.40	31.02	28.74	28.00	26.66	27.31	31.72	42.11	38.36	33.08	31.53	29.30	24.51	21.57
61758	1.12	0.94	0.79	0.79	0.94	0.95	1.77	2.00	2.04	2.20	2.16	2.05	1.86	1.73	1.60	1.59	1.67	2.03	1.89	1.90	1.72	1.52	1.18	0.97
	-13.12	-13.96	-13.87	-13.64	-11.13	-15.13	-12.77	-15.19	-14.54	-12.28	-12.29	-10.33	-10.14	-10.64	-10.28	-11.10	-14.44	-21.07	-18.86	-13.95	-13.92	-13.66	-12.14	-11.13
LONGIL	27.46	26.22	24.50	24.67	23.99	27.49	33.14	38.67	43.73	42.02	34.88	34.08	30.58	29.96	28.53	31.14	36.38	43.99	40.31	36.55	36.57	33.62	26.41	23.90
61762	1.64	1.34	1.12	1.13	1.36	1.39	2.58	2.88	2.89	3.10	2.99	2.91	2.61	2.45	2.29	2.30	2.40	2.96	2.73	2.70	2.48	2.16	1.65	1.41
	-14.36	-15.21	-15.11	-15.19	-12.79	-16.15	-13.34	-16.75	-22.30	-19.31	-12.94	-12.54	-11.23	-11.88	-11.45	-14.23	-18.37	-22.02	-19.96	-16.62	-18.20	-17.34	-13.57	-13.03
MHK VL	14.63	12.90	11.43	11.47	12.51	13.45	20.53	22.83	22.16	22.80	22.18	21.42	19.35	18.26	17.28	17.26	18.85	23.72	21.87	20.50	19.11	17.14	13.97	12.04
61756	0.48	0.39	0.33	0.33	0.39	0.42	0.86	0.88	0.84	0.84	0.87	0.80	0.67	0.59	0.53	0.51	0.51	0.74	0.69	0.64	0.59	0.44	0.36	0.36
	-2.68	-2.85	-2.83	-2.79	-2.27	-3.09	-2.45	-2.91	-2.78	-2.35	-2.35	-1.98	-1.94	-2.04	-1.97	-2.12	-2.73	-3.98	-3.57	-2.64	-2.63	-2.58	-2.42	-2.22
MILLWD	25.88	24.72	23.07	22.93	22.04	26.21	32.00	36.51	35.39	34.33	33.66	31.26	28.96	28.22	26.87	27.53	31.99	42.48	38.67	33.33	31.77	29.52	24.70	21.74
61759	1.17	0.97	0.80	0.81	0.97	1.00	1.89	2.13	2.17	2.33	2.31	2.20	1.99	1.86	1.71	1.71	1.79	2.20	2.01	2.01	1.83	1.61	1.24	1.03
	-13.25	-14.09	-14.00	-13.77	-11.23	-15.27	-12.89	-15.33	-14.68	-12.39	-12.40	-10.42	-10.23	-10.74	-10.37	-11.20	-14.58	-21.27	-19.04	-14.09	-14.06	-13.80	-12.26	-11.24
N.Y.C.	25.94	24.75	23.09	22.94	22.08	26.23	32.06	36.60	35.50	34.48	33.78	33.56	30.40	30.33	30.21	29.23	32.11	42.57	38.79	33.47	31.90	29.61	24.77	21.81
61761	1.27	1.05	0.87	0.87	1.04	1.07	2.00	2.27	2.32	2.51	2.46	2.39	2.16	2.02	1.86	1.86	1.95	2.36	2.18	2.19	1.99	1.74	1.34	1.14
	-13.20	-14.04	-13.96	-13.72	-11.19	-15.21	-12.84	-15.28	-14.63	-12.36	-12.37	-12.54	-11.50	-12.69	-13.56	-12.76	-14.55	-21.21	-18.99	-14.05	-14.02	-13.76	-12.23	-11.21
NORTH	11.06	9.37	8.02	8.11	9.55	9.62	16.72	18.67	18.00	18.94	18.16	17.87	16.00	15.00	14.28	14.12	15.17	18.54	17.12	16.68	15.41	13.79	10.95	9.14
61755	-0.40	-0.29	-0.24	-0.23	-0.30	-0.32	-0.50	-0.38	-0.54	-0.67	-0.80	-0.76	-0.74	-0.63	-0.50	-0.50	-0.44	-0.46	-0.49	-0.55	-0.48	-0.32	-0.25	-0.32
	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	27.75	26.75	25.12	24.94	23.63	28.44	37.64	38.44	37.21	35.78	35.11	32.43	30.11	29.43	28.08	28.85	33.85	46.18	41.84	35.08	33.57	31.30	26.36	23.29
61845	1.01	0.84	0.70	0.71	0.84	0.88	1.64	1.71	1.74	1.88	1.86	1.77	1.57	1.42	1.33	1.32	1.42	1.77	1.66	1.60	1.46	1.27	1.02	0.86
	-15.28	-16.25	-16.15	-15.88	-12.95	-17.61	-18.78	-17.67	-16.92	-14.29	-14.30	-12.02	-11.80	-12.38	-11.96	-12.91	-16.82	-25.41	-22.57	-16.25	-16.22	-15.91	-14.15	-12.97

OH 61846	13.11	11.55	10.23	10.25	11.21	12.10	18.57	20.16	19.07	18.58	17.92	16.50	16.09	15.00	14.00	14.31	16.83	21.19	19.54	18.40	17.11	15.36	12.40	11.04
	-0.67	-0.57	-0.47	-0.50	-0.59	-0.51	-0.90	-1.56	-1.63	-1.57	-1.29	-1.23	-1.21	-1.31	-1.27	-1.26	-1.33	-1.54	-1.41	-1.29	-1.24	-1.17	-0.94	-0.39
	-2.31	-2.46	-2.44	-2.40	-1.96	-2.67	-2.25	-2.67	-2.15	-0.54	-0.25	0.91	-0.56	-0.69	-0.49	-0.94	-2.55	-3.72	-3.33	-2.47	-2.46	-2.41	-2.15	-1.97
PJM 61847	20.81	19.48	17.97	17.90	17.76	20.63	26.68	30.06	29.35	29.67	29.25	28.06	25.08	23.71	22.35	22.74	26.00	34.00	31.10	27.45	26.00	23.95	19.88	17.53
	0.44	0.35	0.29	0.29	0.36	0.42	0.79	0.71	0.70	0.79	0.85	0.84	0.75	0.66	0.59	0.59	0.58	0.68	0.67	0.74	0.65	0.55	0.44	0.50
	-8.91	-9.48	-9.42	-9.26	-7.55	-10.27	-8.67	-10.31	-10.10	-9.27	-9.44	-8.59	-7.59	-7.43	-6.98	-7.53	-9.81	-14.32	-12.81	-9.48	-9.46	-9.28	-8.25	-7.56
WEST 61752	13.23	11.64	10.31	10.32	11.33	12.23	18.95	20.55	21.57	27.45	28.29	31.09	22.83	18.01	15.62	15.61	17.15	21.57	19.86	18.72	17.35	15.54	12.52	11.16
	-0.48	-0.42	-0.33	-0.37	-0.42	-0.31	-0.46	-1.11	-1.17	-1.06	-0.76	-0.71	-0.75	-0.95	-0.93	-0.92	-0.95	-1.06	-1.00	-0.91	-0.94	-0.93	-0.76	-0.22
	-2.25	-2.39	-2.38	-2.34	-1.91	-2.60	-2.19	-2.61	-4.19	-8.90	-10.09	-13.16	-6.85	-3.34	-1.77	-1.91	-2.49	-3.63	-3.25	-2.40	-2.40	-2.35	-2.09	-1.92