

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

01/07/2016

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	46.96	36.11	35.54	34.92	34.72	33.49	37.68	49.77	45.00	50.16	45.33	39.05	32.10	31.36	30.37	31.35	45.00	57.68	53.08	44.91	42.04	34.77	31.01	30.66
61757	1.03	1.06	0.96	1.03	1.05	1.35	2.54	1.55	1.69	1.67	1.67	1.67	1.62	1.60	1.58	1.58	1.33	1.69	1.70	1.76	1.67	1.56	1.27	1.08
	-32.59	-21.80	-22.71	-21.16	-20.84	-15.66	-2.91	-26.03	-20.07	-26.26	-21.41	-15.16	-8.25	-7.53	-6.57	-7.57	-24.43	-33.75	-28.72	-20.90	-18.17	-11.22	-11.52	-13.96
CENTRL	17.68	16.22	14.94	15.61	15.68	18.82	33.27	26.26	26.26	26.16	25.51	24.66	23.38	23.24	23.11	23.20	22.27	26.99	26.90	25.36	24.69	23.30	19.58	17.48
61754	0.19	0.20	0.18	0.18	0.20	0.35	0.68	0.18	0.12	0.11	0.11	0.11	0.07	0.02	0.02	0.00	-0.10	0.11	0.14	0.16	0.07	-0.13	-0.11	0.08
	-4.15	-2.78	-2.89	-2.69	-2.65	-1.99	-0.37	-3.90	-2.92	-3.82	-3.15	-2.32	-1.08	-0.99	-0.86	-1.00	-3.12	-4.63	-4.11	-2.96	-2.42	-1.43	-1.47	-1.78
DUNWOD	40.16	31.60	30.75	30.48	30.35	30.46	38.39	45.22	41.96	45.66	41.87	36.95	31.60	31.02	30.26	31.02	40.81	51.57	48.09	41.48	39.27	33.52	29.39	28.29
61760	1.36	1.32	1.14	1.22	1.24	1.75	3.90	2.71	3.07	2.93	2.91	2.89	2.93	2.91	2.91	2.91	2.50	2.98	3.01	2.91	2.89	2.77	2.19	1.77
	-25.45	-17.03	-17.74	-16.53	-16.28	-12.23	-2.27	-20.33	-15.67	-20.50	-16.71	-11.83	-6.44	-5.88	-5.12	-5.91	-19.07	-26.34	-22.42	-16.31	-14.18	-8.75	-8.99	-10.90
GENESE	16.91	15.64	14.32	14.99	15.06	18.24	32.51	24.03	23.52	22.00	22.00	21.92	18.33	18.34	17.41	16.17	20.96	25.16	25.08	23.87	23.39	22.19	18.62	16.84
61753	0.00	0.01	-0.04	-0.05	-0.04	0.05	-0.03	-0.95	-1.14	-1.16	-1.13	-1.16	-1.16	-1.20	-1.20	-1.22	-0.96	-0.78	-0.73	-0.67	-0.80	-1.03	-0.86	-0.31
	-3.56	-2.38	-2.48	-2.31	-2.28	-1.71	-0.32	-2.80	-1.42	-0.93	-0.88	-0.85	2.74	2.69	3.62	4.81	-2.67	-3.69	-3.14	-2.29	-1.99	-1.23	-1.26	-1.53
H Q	13.00	12.90	11.56	12.40	12.48	15.25	31.32	21.65	22.63	21.65	21.65	21.65	21.65	21.65	21.65	21.65	18.80	21.65	22.05	21.65	21.65	21.51	17.82	15.25
61844	-0.35	-0.34	-0.31	-0.33	-0.35	-0.46	-0.90	-0.53	-0.60	-0.58	-0.60	-0.58	-0.58	-0.58	-0.58	-0.55	-0.44	-0.60	-0.61	-0.60	-0.55	-0.48	-0.40	-0.38
	0.00	0.00	0.00	0.00	0.00	0.77	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	39.95	31.50	30.65	30.41	30.22	30.33	38.22	44.96	41.75	45.38	41.61	36.70	31.33	30.78	30.04	30.80	40.63	51.41	47.90	41.25	39.05	33.33	29.17	28.13
61758	1.32	1.34	1.16	1.26	1.23	1.70	3.74	2.57	2.90	2.73	2.71	2.69	2.69	2.69	2.71	2.71	2.41	2.94	2.92	2.76	2.73	2.62	2.00	1.66
	-25.28	-16.91	-17.62	-16.41	-16.17	-12.15	-2.26	-20.20	-15.61	-20.42	-16.65	-11.79	-6.41	-5.86	-5.11	-5.89	-18.98	-26.22	-22.32	-16.24	-14.12	-8.72	-8.95	-10.85
LONGIL	43.82	32.19	31.21	31.01	30.98	40.33	57.34	58.07	57.68	55.69	42.82	38.02	33.10	32.34	32.14	32.61	41.61	52.58	49.13	42.58	41.43	39.04	33.71	30.14
61762	2.05	1.91	1.59	1.74	1.85	2.64	5.54	3.84	4.21	3.98	3.85	3.96	3.96	3.96	3.96	3.97	3.29	3.98	4.03	4.00	3.97	3.83	3.06	2.59
	-28.42	-17.04	-17.75	-16.54	-16.31	-21.21	-19.57	-32.05	-30.24	-29.49	-16.72	-11.84	-6.92	-6.16	-5.95	-6.43	-19.08	-26.35	-22.43	-16.32	-15.25	-13.22	-12.43	-11.93
MHK VL	19.12	17.30	16.00	16.66	16.73	19.79	34.34	27.16	27.29	27.08	26.40	25.41	24.34	24.21	24.04	24.14	23.53	28.14	27.79	26.26	25.77	24.47	20.64	18.36
61756	0.57	0.57	0.50	0.55	0.58	0.81	1.67	1.06	1.07	0.96	0.98	0.93	0.93	0.91	0.89	0.89	0.71	0.96	0.93	0.96	0.91	0.84	0.65	0.59
	-5.20	-3.48	-3.63	-3.38	-3.33	-2.50	-0.44	-3.91	-2.99	-3.89	-3.18	-2.25	-1.18	-1.07	-0.92	-1.05	-3.57	-4.93	-4.20	-3.06	-2.66	-1.64	-1.77	-2.14
MILLWD	40.32	31.73	30.88	30.62	30.47	30.54	38.44	45.35	42.06	45.76	41.95	36.97	31.57	31.01	30.27	31.01	40.91	51.77	48.22	41.57	39.35	33.61	29.43	28.34
61759	1.39	1.36	1.18	1.27	1.28	1.76	3.93	2.73	3.07	2.91	2.89	2.85	2.87	2.87	2.89	2.87	2.48	3.03	3.01	2.91	2.89	2.82	2.17	1.75
	-25.59	-17.12	-17.84	-16.61	-16.37	-12.30	-2.29	-20.44	-15.76	-20.62	-16.81	-11.90	-6.48	-5.92	-5.15	-5.94	-19.18	-26.49	-22.55	-16.41	-14.26	-8.80	-9.04	-10.96
N.Y.C.	40.25	31.68	30.82	30.55	30.43	30.58	38.69	45.48	42.25	45.94	42.10	37.20	31.87	31.29	30.56	31.29	41.01	51.75	48.33	41.71	39.52	33.77	29.60	28.47
61761	1.44	1.39	1.20	1.29	1.32	1.86	4.19	2.95	3.35	3.20	3.14	3.13	3.20	3.18	3.20	3.17	2.69	3.16	3.24	3.14	3.13	3.01	2.39	1.94
	-25.47	-17.04	-17.75	-16.53	-16.29	-12.24	-2.28	-20.34	-15.67	-20.51	-16.71	-11.83	-6.44	-5.89	-5.13	-5.91	-19.07	-26.35	-22.42	-16.32	-14.19	-8.76	-9.00	-10.91
NORTH	12.85	12.76	11.42	12.26	12.31	15.85	31.00	21.65	22.51	21.47	21.49	21.50	21.47	21.54	21.47	21.52	18.74	21.60	22.00	21.56	21.58	21.51	17.78	15.16
61755	-0.49	-0.49	-0.45	-0.47	-0.51	-0.63	-1.22	-0.53	-0.72	-0.76	-0.76	-0.73	-0.76	-0.69	-0.76	-0.69	-0.50	-0.65	-0.66	-0.69	-0.62	-0.48	-0.44	-0.47
	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	44.00	41.23	40.04	40.04	40.10	47.05	55.31	53.20	48.53	49.11	45.96	38.19	33.75	32.84	31.92	31.96	46.01	59.15	51.81	47.18	40.86	39.17	34.00	31.96
61845	1.20	1.19	1.07	1.15	1.15	1.55	3.19	2.11	2.37	2.27	2.27	2.27	2.27	2.24	2.24	2.24	1.91	2.31	2.33	2.29	2.24	2.16	1.75	1.45
	-29.45	-26.79	-27.10	-26.16	-26.12	-29.02	-19.90	-28.91	-22.93	-24.61	-21.44	-13.69	-9.25	-8.37	-7.45	-7.51	-24.86	-34.59	-26.81	-22.64	-16.41	-15.02	-14.03	-14.88

OH	17.42	15.89	14.68	15.30	15.34	18.27	31.56	22.00	22.28	20.93	20.81	20.47	18.75	18.71	17.92	17.02	21.00	24.25	23.55	22.69	22.82	21.72	18.37	16.88
61846	-0.37	-0.33	-0.29	-0.32	-0.32	-0.35	-1.06	-1.51	-1.81	-1.67	-1.67	-1.67	-1.71	-1.76	-1.76	-1.73	-1.58	-1.47	-1.47	-1.40	-1.53	-1.80	-1.42	-0.66
	-4.44	-2.97	-3.10	-2.88	-2.84	-2.14	-0.40	-1.33	-0.86	-0.37	-0.23	0.09	1.77	1.76	2.55	3.45	-3.33	-3.47	-2.36	-1.84	-2.15	-1.53	-1.57	-1.91
PJM	31.20	25.41	24.43	24.50	24.45	25.68	35.85	38.26	35.56	37.68	35.17	32.01	26.84	26.48	25.74	25.91	33.07	42.00	40.01	35.17	33.20	29.00	25.16	23.86
61847	0.67	0.66	0.58	0.61	0.64	0.94	2.09	1.20	1.28	1.22	1.20	1.20	1.20	1.18	1.16	1.15	0.96	1.33	1.34	1.33	1.24	1.10	0.87	0.87
	-17.18	-11.50	-11.98	-11.16	-10.99	-8.26	-1.53	-14.88	-11.05	-14.23	-11.72	-8.58	-3.42	-3.07	-2.35	-2.55	-12.86	-18.42	-16.01	-11.59	-9.76	-5.90	-6.07	-7.36
WEST	17.57	16.08	14.83	15.48	15.54	18.58	32.39	33.32	29.02	29.57	28.78	28.38	19.04	19.01	18.18	17.21	21.36	30.53	32.02	28.39	25.00	22.17	18.69	17.12
61752	-0.11	-0.07	-0.06	-0.06	-0.05	0.02	-0.22	-0.95	-1.25	-1.13	-1.13	-1.13	-1.20	-1.24	-1.24	-1.22	-1.14	-0.91	-0.91	-0.85	-1.00	-1.32	-1.06	-0.36
	-4.33	-2.90	-3.02	-2.81	-2.77	-2.08	-0.39	-12.09	-7.04	-8.47	-7.67	-7.28	1.99	1.98	2.80	3.78	-3.25	-9.19	-10.26	-6.99	-3.79	-1.49	-1.53	-1.86