

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/15/2017

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	27.21	26.42	23.82	22.15	22.50	21.62	23.17	24.15	24.69	29.80	35.29	34.97	36.02	38.29	40.54	44.95	46.96	43.96	49.40	49.22	44.26	38.48	36.02	34.08
61757	0.42	0.29	0.20	0.15	0.15	0.23	0.26	0.38	0.57	0.64	0.65	0.72	0.79	0.71	0.69	0.62	0.72	0.96	1.04	1.29	1.11	0.89	0.63	0.41
	-14.08	-17.41	-17.69	-16.98	-17.26	-14.00	-15.00	-12.25	-9.05	-12.70	-18.51	-16.24	-15.94	-19.35	-22.20	-29.49	-29.49	-20.73	-24.72	-19.35	-17.26	-16.28	-19.92	-22.49
CENTRL	14.28	10.71	7.96	6.98	7.08	9.00	9.64	12.93	16.03	17.84	18.20	19.79	21.04	20.36	20.12	18.15	20.07	24.55	26.39	30.69	27.74	23.01	17.62	13.73
61754	-0.06	-0.03	-0.02	-0.02	-0.02	-0.01	-0.01	-0.01	-0.09	-0.10	-0.08	-0.11	-0.10	-0.11	-0.11	-0.10	-0.10	-0.13	-0.12	-0.14	-0.15	-0.19	-0.15	-0.06
	-1.63	-2.02	-2.05	-1.97	-2.00	-1.63	-1.74	-1.42	-1.05	-1.47	-2.15	-1.88	-1.85	-2.25	-2.58	-3.42	-3.42	-2.41	-2.87	-2.25	-2.00	-1.89	-2.31	-2.61
DUNWOD	24.04	22.28	19.48	17.97	18.25	18.26	19.56	21.41	22.91	27.11	31.09	31.46	32.65	34.06	35.54	37.99	40.07	39.50	43.92	45.26	40.86	35.12	31.49	28.67
61760	0.84	0.58	0.37	0.30	0.31	0.44	0.48	0.76	1.10	1.19	1.18	1.35	1.49	1.42	1.36	1.19	1.36	1.78	1.87	2.26	2.12	1.68	1.19	0.75
	-10.49	-12.97	-13.18	-12.65	-12.86	-10.43	-11.18	-9.12	-6.74	-9.46	-13.79	-12.09	-11.88	-14.41	-16.54	-21.97	-21.97	-15.44	-18.42	-14.41	-12.85	-12.12	-14.84	-16.75
GENESE	13.54	10.00	7.33	6.40	6.49	8.44	9.04	12.34	15.24	16.95	17.14	18.74	19.95	19.23	18.98	16.92	18.76	23.36	25.03	29.27	26.36	21.80	16.53	12.80
61753	-0.42	-0.27	-0.17	-0.13	-0.13	-0.19	-0.20	-0.26	-0.63	-0.64	-0.63	-0.72	-0.75	-0.71	-0.63	-0.53	-0.60	-0.76	-0.80	-1.03	-1.06	-0.96	-0.70	-0.37
	-1.25	-1.54	-1.57	-1.51	-1.53	-1.24	-1.33	-1.09	-0.80	-1.13	-1.64	-1.44	-1.41	-1.72	-1.97	-2.62	-2.62	-1.84	-2.19	-1.72	-1.53	-1.44	-1.77	-2.00
H Q	5.63	5.06	4.69	2.11	2.14	2.40	2.93	3.19	3.67	4.16	16.13	18.02	19.29	18.22	17.64	14.83	16.75	22.27	18.17	6.92	6.25	4.14	3.15	2.58
61844	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
	7.08	3.67	1.24	2.92	2.95	5.00	4.97	8.33	11.40	12.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.47	21.67	19.64	17.17	12.31	8.59
HUD VL	23.98	22.23	19.46	17.96	18.24	18.24	19.54	21.34	22.83	27.03	30.98	31.36	32.54	33.97	35.47	37.91	40.00	39.42	43.83	45.16	40.75	35.00	31.38	28.62
61758	0.79	0.55	0.36	0.30	0.30	0.43	0.47	0.70	1.03	1.12	1.08	1.26	1.39	1.35	1.31	1.13	1.31	1.72	1.80	2.17	2.02	1.58	1.10	0.72
	-10.48	-12.96	-13.16	-12.64	-12.85	-10.42	-11.17	-9.12	-6.73	-9.45	-13.77	-12.08	-11.86	-14.40	-16.52	-21.95	-21.95	-15.43	-18.40	-14.40	-12.84	-12.11	-14.83	-16.74
LONGIL	27.47	23.91	19.75	18.21	18.51	18.80	23.78	24.21	31.98	39.62	45.30	49.61	47.38	47.55	54.43	53.34	58.02	61.00	69.52	70.42	61.99	55.52	41.62	37.53
61762	1.36	0.97	0.63	0.52	0.53	0.78	0.85	1.30	1.79	1.93	1.87	2.09	2.26	2.13	2.06	1.78	2.01	2.65	2.81	3.40	3.13	2.49	1.82	1.22
	-13.40	-14.22	-13.20	-12.67	-12.88	-10.63	-15.02	-11.39	-15.12	-21.23	-27.30	-29.51	-25.83	-27.20	-34.72	-36.73	-39.26	-36.08	-43.07	-38.43	-32.98	-31.72	-24.34	-25.14
MHK VL	14.17	10.55	7.82	6.83	6.92	8.84	9.45	12.69	15.90	17.66	16.16	17.50	18.56	18.03	17.87	16.29	17.94	21.67	24.16	30.26	27.42	22.95	17.57	13.59
61756	-0.11	-0.11	-0.08	-0.09	-0.09	-0.12	-0.13	-0.20	-0.18	-0.21	-0.26	-0.31	-0.33	-0.33	-0.32	-0.28	-0.32	-0.40	-0.42	-0.49	-0.39	-0.17	-0.11	-0.09
	-1.57	-1.94	-1.97	-1.89	-1.93	-1.56	-1.67	-1.37	-1.01	-1.42	-0.29	0.21	0.40	-0.14	-0.54	-1.74	-1.51	0.20	-0.95	-2.16	-1.92	-1.82	-2.22	-2.51
MILLWD	24.13	22.38	19.59	18.08	18.36	18.35	19.65	21.47	22.98	27.20	31.22	31.56	32.74	34.18	35.69	38.18	40.27	39.67	44.14	45.43	40.97	35.22	31.59	28.81
61759	0.84	0.58	0.37	0.30	0.31	0.44	0.48	0.75	1.12	1.20	1.19	1.35	1.49	1.42	1.38	1.20	1.37	1.83	1.94	2.31	2.12	1.68	1.17	0.75
	-10.57	-13.07	-13.28	-12.75	-12.96	-10.51	-11.27	-9.20	-6.79	-9.53	-13.90	-12.19	-11.97	-14.53	-16.67	-22.15	-22.15	-15.57	-18.57	-14.53	-12.96	-12.22	-14.96	-16.89
N.Y.C.	24.07	22.38	19.54	18.02	18.29	18.29	19.60	21.47	23.03	27.21	31.18	31.57	32.75	34.16	35.64	38.00	40.07	39.45	43.75	45.07	40.92	35.19	31.59	28.78
61761	0.95	0.67	0.42	0.34	0.34	0.46	0.51	0.82	1.22	1.28	1.26	1.46	1.58	1.51	1.45	1.28	1.44	1.89	1.99	2.40	2.25	1.81	1.34	0.85
	-10.41	-12.98	-13.18	-12.65	-12.87	-10.43	-11.18	-9.13	-6.74	-9.46	-13.79	-12.10	-11.88	-14.42	-16.55	-21.89	-21.89	-15.28	-18.13	-14.08	-12.78	-12.07	-14.79	-16.76
NORTH	3.24	3.02	3.02	0.60	0.60	0.64	1.00	0.67	0.72	0.72	0.89	0.91	0.94	0.92	0.89	0.85	0.89	0.91	0.98	0.92	0.85	0.01	0.01	0.01
61755	-1.92	-1.39	-0.97	-0.86	-0.89	-1.27	-1.40	-2.15	-2.76	-3.11	-3.03	-3.42	-3.68	-3.50	-3.41	-2.83	-3.23	-4.32	-4.61	-5.55	-5.00	-3.73	-2.52	-1.79
	7.55	4.32	1.94	3.56	3.60	5.49	5.51	8.70	11.60	12.63	12.21	13.68	14.66	13.81	13.35	11.15	12.62	17.04	18.05	22.12	20.04	17.57	12.93	9.37
NPX	25.59	24.20	21.46	19.88	20.20	19.84	21.27	24.63	27.40	38.40	42.20	39.90	38.50	36.19	37.98	41.30	46.79	54.80	73.00	73.80	52.53	36.91	33.69	31.20
61845	0.79	0.52	0.34	0.28	0.28	0.43	0.48	0.75	1.07	1.17	1.15	1.31	1.43	1.35	1.27	1.14	1.29	1.72	1.82	2.20	2.02	1.62	1.13	0.72
	-12.09	-14.95	-15.19	-14.58	-14.82	-12.02	-12.88	-12.36	-11.26	-20.77	-24.93	-20.57	-17.79	-16.62	-19.07	-25.32	-28.75	-30.81	-47.54	-43.01	-24.62	-13.98	-17.11	-19.31

OH 61846	13.82	10.47	7.85	6.90	7.00	8.85	9.45	12.58	15.22	16.97	17.34	18.80	19.97	19.38	19.22	17.48	19.26	23.30	25.03	29.04	26.21	21.70	16.78	13.33
	-0.57	-0.33	-0.19	-0.15	-0.15	-0.21	-0.25	-0.40	-0.93	-1.00	-1.00	-1.15	-1.21	-1.15	-1.08	-0.88	-1.00	-1.45	-1.56	-1.86	-1.73	-1.55	-1.05	-0.52
	-1.68	-2.08	-2.11	-2.03	-2.06	-1.67	-1.79	-1.46	-1.08	-1.51	-2.21	-1.94	-1.90	-2.31	-2.65	-3.52	-3.52	-2.47	-2.95	-2.31	-2.06	-1.94	-2.38	-2.68
PJM 61847	19.96	17.84	15.11	13.81	14.02	14.71	15.75	18.07	20.03	23.30	25.93	26.73	27.90	28.55	29.41	30.07	32.02	33.00	36.10	38.36	35.17	29.93	25.83	22.90
	0.28	0.24	0.15	0.13	0.13	0.18	0.19	0.30	0.35	0.36	0.35	0.43	0.48	0.46	0.44	0.40	0.45	0.56	0.57	0.71	0.67	0.47	0.36	0.26
	-6.96	-8.88	-9.02	-8.66	-8.81	-7.14	-7.65	-6.25	-4.62	-6.48	-9.44	-8.28	-8.13	-9.87	-11.32	-14.83	-14.82	-10.17	-11.89	-9.06	-8.61	-8.15	-10.01	-11.47
WEST 61752	14.00	10.55	7.87	6.90	6.99	8.92	9.53	12.77	15.49	17.27	17.61	19.13	20.34	19.70	19.52	17.66	19.51	23.73	25.44	29.60	26.70	22.00	16.97	13.41
	-0.31	-0.15	-0.07	-0.05	-0.05	-0.06	-0.07	-0.14	-0.60	-0.63	-0.61	-0.72	-0.75	-0.71	-0.63	-0.50	-0.57	-0.89	-0.99	-1.17	-1.14	-1.15	-0.74	-0.30
	-1.59	-1.97	-2.00	-1.92	-1.95	-1.58	-1.70	-1.39	-1.02	-1.44	-2.09	-1.84	-1.80	-2.19	-2.51	-3.34	-3.34	-2.34	-2.80	-2.19	-1.95	-1.84	-2.25	-2.54