

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/01/2018

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	23.61	21.43	20.44	21.86	21.53	20.78	20.44	22.14	26.69	26.94	28.83	27.74	25.67	22.52	21.58	20.18	20.70	22.00	26.63	34.97	36.23	28.88	24.68	23.31
61757	0.31	0.31	0.32	0.31	0.32	0.33	0.57	0.55	0.79	0.74	0.71	0.73	0.73	0.69	0.69	0.70	0.73	0.76	0.82	1.21	1.48	1.30	1.11	0.82
	-17.96	-15.78	-14.77	-16.21	-15.87	-14.96	-10.85	-12.67	-15.23	-15.50	-17.22	-16.32	-14.26	-11.17	-10.25	-8.85	-9.35	-10.59	-14.03	-16.21	-13.32	-8.98	-8.36	-9.41
CENTRL	7.50	7.25	7.15	7.29	7.26	7.31	10.42	10.56	12.64	12.75	13.15	12.82	12.55	12.12	11.97	11.76	11.83	12.06	13.65	19.85	23.45	20.03	16.42	14.38
61754	0.05	0.05	0.06	0.04	0.05	0.06	0.12	0.16	0.18	0.23	0.22	0.21	0.19	0.15	0.13	0.10	0.11	0.16	0.22	0.39	0.45	0.37	0.23	0.20
	-2.11	-1.86	-1.74	-1.91	-1.87	-1.76	-1.28	-1.49	-1.79	-1.83	-2.03	-1.92	-1.68	-1.32	-1.21	-1.04	-1.10	-1.25	-1.65	-1.91	-1.57	-1.06	-0.98	-1.11
DUNWOD	18.89	17.32	16.60	17.60	17.36	16.87	17.84	19.07	22.89	23.18	24.68	23.74	22.23	19.97	19.26	18.27	18.59	19.54	23.33	31.50	33.76	27.44	23.07	21.36
61760	0.63	0.62	0.62	0.60	0.60	0.61	1.01	1.04	1.26	1.33	1.40	1.31	1.29	1.28	1.25	1.27	1.24	1.27	1.46	2.28	2.74	2.38	1.84	1.52
	-12.92	-11.35	-10.63	-11.66	-11.42	-10.77	-7.81	-9.12	-10.96	-11.15	-12.39	-11.74	-10.26	-8.04	-7.38	-6.37	-6.73	-7.62	-10.10	-11.66	-9.59	-6.46	-6.02	-6.77
GENESE	6.89	6.70	6.64	6.72	6.72	6.77	9.93	10.01	11.95	12.06	12.39	12.12	11.87	11.51	11.38	11.21	11.25	11.47	12.96	18.97	22.52	19.30	15.81	13.82
61753	-0.07	-0.07	-0.05	-0.08	-0.06	-0.07	-0.07	-0.04	-0.10	-0.04	-0.07	-0.04	-0.10	-0.15	-0.18	-0.21	-0.21	-0.14	-0.08	-0.05	-0.11	-0.11	-0.15	-0.11
	-1.62	-1.42	-1.33	-1.46	-1.43	-1.35	-0.98	-1.14	-1.37	-1.40	-1.55	-1.47	-1.29	-1.01	-0.92	-0.80	-0.84	-0.96	-1.27	-1.46	-1.20	-0.81	-0.75	-0.85
H Q	5.16	5.17	5.17	5.16	5.16	5.30	8.71	8.57	10.24	10.24	10.44	10.24	10.24	10.24	10.24	10.24	10.24	10.24	11.28	13.97	15.04	13.97	13.97	11.11
61844	-0.18	-0.18	-0.18	-0.18	-0.18	-0.19	-0.32	-0.34	-0.43	-0.46	-0.46	-0.45	-0.44	-0.42	-0.39	-0.38	-0.38	-0.42	-0.49	-0.77	-0.94	-0.82	-0.61	-0.48
	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	2.81	5.45	3.81	0.63	1.48
HUD VL	18.72	17.17	16.46	17.45	17.21	16.72	17.67	18.89	22.69	22.98	24.45	23.54	22.04	19.79	19.09	18.10	18.43	19.37	23.13	31.21	33.48	27.18	22.85	21.16
61758	0.57	0.56	0.56	0.54	0.54	0.55	0.90	0.94	1.15	1.22	1.26	1.21	1.19	1.16	1.14	1.16	1.14	1.16	1.34	2.09	2.55	2.17	1.67	1.37
	-12.82	-11.26	-10.55	-11.57	-11.33	-10.68	-7.74	-9.04	-10.87	-11.07	-12.29	-11.65	-10.18	-7.97	-7.32	-6.32	-6.67	-7.56	-10.01	-11.57	-9.51	-6.41	-5.97	-6.72
LONGIL	20.87	19.90	18.19	18.22	18.29	19.55	20.04	21.26	23.27	24.98	25.30	24.05	22.54	20.26	19.55	18.55	18.91	19.82	23.70	32.10	49.02	33.75	23.44	21.72
61762	0.81	0.80	0.80	0.77	0.77	0.79	1.29	1.32	1.63	1.69	1.74	1.60	1.59	1.56	1.53	1.55	1.55	1.53	1.81	2.86	3.43	3.03	2.20	1.87
	-14.72	-13.75	-12.04	-12.11	-12.17	-13.27	-9.72	-11.03	-10.97	-12.59	-12.65	-11.75	-10.27	-8.04	-7.38	-6.38	-6.73	-7.63	-10.11	-11.68	-24.17	-12.12	-6.02	-6.78
MHK VL	7.40	7.16	7.05	7.20	7.16	7.22	10.32	10.45	12.53	12.62	13.00	12.66	12.41	12.03	11.89	11.72	11.76	11.96	13.48	19.60	23.26	19.89	16.37	14.32
61756	0.04	0.03	0.03	0.03	0.03	0.04	0.07	0.11	0.14	0.17	0.15	0.13	0.12	0.11	0.10	0.10	0.08	0.11	0.12	0.21	0.32	0.28	0.21	0.18
	-2.03	-1.78	-1.67	-1.83	-1.79	-1.69	-1.23	-1.43	-1.72	-1.75	-1.95	-1.85	-1.61	-1.26	-1.16	-1.00	-1.06	-1.20	-1.59	-1.83	-1.51	-1.02	-0.95	-1.06
MILLWD	18.87	17.30	16.59	17.59	17.35	16.85	17.80	19.04	22.86	23.17	24.66	23.73	22.20	19.93	19.23	18.22	18.54	19.50	23.29	31.45	33.74	27.39	23.04	21.34
61759	0.61	0.60	0.60	0.58	0.58	0.59	0.97	1.01	1.23	1.30	1.36	1.29	1.26	1.24	1.21	1.22	1.19	1.22	1.41	2.23	2.72	2.32	1.81	1.49
	-12.93	-11.36	-10.64	-11.67	-11.43	-10.77	-7.81	-9.12	-10.97	-11.16	-12.40	-11.75	-10.27	-8.04	-7.38	-6.38	-6.73	-7.62	-10.10	-11.67	-9.59	-6.47	-6.02	-6.77
N.Y.C.	25.33	22.40	16.74	17.73	17.49	17.00	18.04	23.14	26.86	27.86	29.95	29.74	29.25	28.67	28.39	27.05	27.87	28.91	29.62	36.34	36.55	32.55	29.78	24.83
61761	0.75	0.73	0.74	0.72	0.72	0.73	1.19	1.22	1.49	1.57	1.65	1.57	1.55	1.52	1.50	1.51	1.49	1.52	1.76	2.74	3.34	2.86	2.22	1.80
	-19.25	-16.32	-10.65	-11.68	-11.44	-10.78	-7.82	-13.01	-14.70	-15.59	-17.41	-17.48	-17.03	-16.49	-16.25	-14.92	-15.76	-16.73	-16.09	-16.05	-11.78	-11.09	-12.35	-9.95
NORTH	5.03	5.03	5.03	5.03	5.03	5.16	8.45	8.22	9.83	9.85	10.06	9.87	9.88	9.86	9.88	9.89	9.89	9.90	10.92	16.15	19.73	17.11	14.18	12.34
61755	-0.31	-0.32	-0.32	-0.31	-0.32	-0.32	-0.58	-0.69	-0.83	-0.85	-0.84	-0.82	-0.80	-0.80	-0.75	-0.73	-0.73	-0.76	-0.86	-1.41	-1.69	-1.49	-1.03	-0.73
	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	22.56	20.53	19.60	20.93	20.62	19.91	19.79	21.40	25.73	26.00	27.80	26.76	24.78	21.87	21.00	19.70	20.20	21.38	25.80	33.94	35.30	28.18	24.01	22.63
61845	0.26	0.28	0.29	0.27	0.28	0.29	0.51	0.52	0.67	0.65	0.63	0.65	0.63	0.66	0.68	0.71	0.74	0.72	0.77	1.07	1.29	1.10	0.90	0.67
	-16.97	-14.91	-13.96	-15.32	-15.00	-14.14	-10.25	-11.97	-14.39	-14.65	-16.27	-15.42	-13.47	-10.55	-9.69	-8.37	-8.83	-10.00	-13.26	-15.31	-12.59	-8.49	-7.90	-8.89

OH 61846	7.42	7.18	7.10	7.23	7.21	7.22	10.20	10.26	12.22	12.34	12.70	12.43	12.12	11.69	11.51	11.31	11.39	11.66	13.26	19.20	22.46	19.20	15.80	13.92
	-0.09	-0.07	-0.04	-0.07	-0.05	-0.08	-0.14	-0.18	-0.29	-0.24	-0.28	-0.24	-0.28	-0.32	-0.36	-0.38	-0.36	-0.28	-0.21	-0.32	-0.58	-0.48	-0.43	-0.29
	-2.17	-1.91	-1.79	-1.96	-1.92	-1.81	-1.31	-1.53	-1.84	-1.87	-2.08	-1.97	-1.72	-1.35	-1.24	-1.07	-1.13	-1.28	-1.70	-1.96	-1.61	-1.09	-1.01	-1.14
PJM 61847	13.59	12.59	11.77	12.33	12.21	11.97	13.99	14.97	17.83	18.10	19.07	18.53	17.72	16.53	16.13	15.51	15.76	16.36	18.79	25.72	28.37	23.78	20.01	17.90
	0.29	0.29	0.30	0.28	0.29	0.29	0.47	0.49	0.54	0.61	0.62	0.60	0.57	0.53	0.50	0.50	0.50	0.55	0.69	1.09	1.24	1.08	0.81	0.67
	-7.97	-6.95	-6.12	-6.71	-6.57	-6.19	-4.49	-5.57	-6.62	-6.79	-7.55	-7.24	-6.48	-5.34	-5.00	-4.39	-4.63	-5.15	-6.31	-7.08	-5.70	-4.11	-3.99	-4.16
WEST 61752	7.44	7.21	7.13	7.24	7.24	7.25	10.34	10.41	12.39	12.52	12.87	12.59	12.30	11.85	11.68	11.49	11.58	11.85	13.46	19.55	22.92	19.55	16.08	14.13
	0.01	0.02	0.05	0.02	0.05	0.02	0.05	0.02	-0.05	0.01	-0.04	0.00	-0.04	-0.11	-0.15	-0.17	-0.14	-0.04	0.05	0.11	-0.06	-0.09	-0.11	-0.04
	-2.10	-1.84	-1.72	-1.89	-1.85	-1.75	-1.27	-1.48	-1.78	-1.81	-2.01	-1.91	-1.66	-1.30	-1.20	-1.03	-1.09	-1.24	-1.64	-1.89	-1.56	-1.05	-0.98	-1.10