

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/20/2016

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	16.31	16.61	13.62	11.51	12.89	16.37	15.05	15.57	16.42	16.79	17.59	18.15	17.81	18.70	18.44	20.50	16.89	16.55	15.68	15.65	18.19	15.99	16.30	14.56
61757	0.41	0.34	0.33	0.33	0.33	0.41	0.90	1.00	1.05	1.10	1.20	1.24	1.22	1.28	1.26	1.23	1.12	1.07	1.04	1.03	1.23	1.03	0.61	0.47
	-9.45	-10.82	-8.00	-5.89	-7.24	-9.55	-1.48	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.08	-2.85	0.07	0.06	0.05	0.05	0.04	-0.29	-6.61	-6.57
CENTRL	8.04	7.24	6.62	6.29	6.55	8.06	13.10	14.88	15.71	16.16	17.45	17.64	17.37	18.06	17.76	17.25	16.16	15.73	15.09	14.89	17.17	14.90	10.24	8.65
61754	0.06	0.04	0.04	0.05	0.07	0.12	0.23	0.32	0.37	0.35	0.33	0.34	0.33	0.33	0.31	0.26	0.27	0.28	0.28	0.29	0.27	0.25	0.08	0.07
	-1.52	-1.74	-1.29	-0.95	-1.17	-1.54	-0.21	0.07	0.09	-0.06	-0.66	-0.31	-0.37	-0.22	-0.18	-0.57	-0.06	0.09	-0.13	0.07	0.11	0.02	-1.08	-1.07
DUNWOD	17.75	14.95	12.45	10.74	11.88	15.00	19.76	20.69	20.42	22.53	23.02	23.83	24.39	24.59	24.90	25.94	25.42	24.38	21.53	21.57	24.12	21.26	18.58	18.21
61760	0.75	0.63	0.60	0.61	0.63	0.76	1.48	1.71	1.82	1.87	1.97	2.02	1.97	2.08	2.07	1.97	1.90	1.85	1.78	1.77	2.07	1.77	1.08	0.88
	-10.55	-8.87	-6.56	-4.83	-5.94	-7.83	-5.62	-4.35	-3.17	-4.90	-4.59	-4.82	-5.75	-5.00	-5.56	-7.56	-7.69	-6.99	-5.06	-5.12	-5.04	-4.81	-8.42	-9.82
GENESE	7.58	6.74	6.22	5.95	6.17	7.60	12.71	14.53	15.37	15.61	16.42	17.02	16.72	17.51	17.22	16.64	15.68	15.46	14.70	14.63	16.76	14.47	9.79	8.24
61753	-0.06	-0.08	-0.09	-0.09	-0.06	-0.02	-0.11	-0.04	0.00	-0.08	-0.21	-0.19	-0.13	-0.16	-0.17	-0.21	-0.17	-0.02	-0.06	0.01	-0.17	-0.19	-0.15	-0.13
	-1.20	-1.37	-1.01	-0.75	-0.92	-1.21	-0.16	0.05	0.07	0.07	-0.17	-0.22	-0.18	-0.16	-0.13	-0.44	-0.03	0.07	-0.07	0.05	0.08	0.01	-0.85	-0.85
H Q	6.28	5.31	5.16	5.16	5.16	6.16	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	8.77	7.28
61844	-0.17	-0.14	-0.13	-0.14	-0.15	-0.25	-0.48	-0.56	-0.59	-0.60	-0.63	-0.65	-0.63	-0.68	-0.67	-0.64	-0.62	-0.61	-0.57	-0.57	-0.65	-0.57	-0.31	-0.24
	0.00	0.00	0.00	0.00	0.00	0.00	1.93	3.82	4.60	4.90	5.59	6.09	5.79	6.57	6.35	5.52	4.96	4.69	3.87	3.85	6.11	3.85	0.00	0.00
HUD VL	15.94	14.70	12.26	10.58	11.69	14.75	17.06	17.98	18.43	19.57	20.27	20.96	21.00	21.65	21.63	22.86	21.00	20.35	18.54	18.53	21.12	18.55	16.70	15.57
61758	0.68	0.58	0.56	0.56	0.57	0.69	1.34	1.52	1.64	1.69	1.79	1.85	1.78	1.93	1.92	1.82	1.76	1.71	1.63	1.61	1.90	1.61	0.98	0.80
	-8.81	-8.68	-6.42	-4.72	-5.81	-7.66	-3.05	-1.83	-1.36	-2.13	-2.01	-2.11	-2.54	-2.21	-2.44	-4.63	-3.41	-3.09	-2.22	-2.24	-2.20	-2.26	-6.63	-7.26
LONGIL	18.10	15.06	12.56	10.89	12.04	15.19	20.41	21.97	22.26	23.21	23.63	24.44	25.08	25.30	25.59	26.67	26.30	25.15	22.19	22.26	26.00	22.52	20.13	18.84
61762	0.92	0.74	0.70	0.76	0.78	0.95	1.82	2.14	2.25	2.21	2.26	2.28	2.25	2.43	2.38	2.35	2.22	2.11	2.07	2.10	2.58	2.17	1.33	1.08
	-10.74	-8.87	-6.56	-4.83	-5.94	-7.83	-5.92	-5.20	-4.57	-5.25	-4.92	-5.17	-6.16	-5.36	-5.94	-7.91	-8.25	-7.49	-5.43	-5.49	-6.41	-5.68	-9.72	-10.24
MHK VL	8.45	7.67	6.97	6.57	6.85	8.42	13.19	14.79	15.51	15.77	16.43	16.93	16.64	17.41	17.19	16.83	15.80	15.50	14.67	14.65	16.84	14.75	10.47	8.89
61756	0.21	0.17	0.16	0.16	0.17	0.21	0.48	0.61	0.63	0.61	0.64	0.68	0.67	0.70	0.69	0.57	0.57	0.51	0.44	0.44	0.56	0.48	0.28	0.23
	-1.78	-2.04	-1.51	-1.11	-1.37	-1.80	-0.05	0.46	0.56	0.59	0.68	0.74	0.70	0.80	0.77	0.16	0.59	0.56	0.46	0.46	0.73	0.40	-1.10	-1.15
MILLWD	16.21	14.95	12.45	10.73	11.88	15.00	17.20	18.14	18.56	19.69	20.42	21.10	21.18	21.82	21.86	23.14	21.22	20.49	18.64	18.63	21.28	18.69	16.92	15.81
61759	0.74	0.62	0.59	0.60	0.62	0.75	1.47	1.70	1.80	1.84	1.96	2.00	1.95	2.08	2.07	1.97	1.90	1.83	1.75	1.73	2.09	1.76	1.07	0.85
	-9.03	-8.88	-6.57	-4.83	-5.95	-7.84	-3.07	-1.82	-1.32	-2.10	-2.00	-2.10	-2.56	-2.23	-2.52	-4.75	-3.50	-3.11	-2.21	-2.23	-2.18	-2.26	-6.76	-7.44
N.Y.C.	17.99	15.00	12.49	10.78	11.92	15.04	20.15	21.04	20.70	22.95	23.43	24.27	24.89	25.03	25.36	26.38	26.07	24.97	21.94	21.97	24.52	21.64	18.85	18.59
61761	0.81	0.67	0.63	0.65	0.66	0.80	1.57	1.77	1.88	1.95	2.06	2.12	2.07	2.17	2.16	2.07	1.99	1.94	1.84	1.82	2.13	1.83	1.14	0.95
	-10.74	-8.88	-6.56	-4.83	-5.94	-7.83	-5.92	-4.64	-3.39	-5.24	-4.91	-5.16	-6.15	-5.35	-5.93	-7.90	-8.24	-7.48	-5.42	-5.48	-5.39	-5.13	-8.62	-10.13
NORTH	6.21	5.27	5.11	5.10	5.09	6.06	10.28	10.48	10.55	10.58	10.63	10.67	10.63	10.68	10.64	10.57	10.52	10.51	10.43	10.43	10.65	10.44	8.68	7.21
61755	-0.25	-0.19	-0.19	-0.20	-0.23	-0.35	-0.65	-0.70	-0.74	-0.76	-0.81	-0.83	-0.83	-0.91	-0.92	-0.87	-0.84	-0.81	-0.78	-0.78	-0.85	-0.76	-0.40	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	1.74	3.44	4.14	4.42	5.03	5.49	5.21	5.92	5.71	4.97	4.47	4.22	3.48	3.47	5.51	3.47	0.00	0.00
NPX	15.58	15.74	13.00	11.09	12.35	15.64	15.09	15.83	16.70	17.08	17.86	18.43	18.05	18.96	18.72	20.49	17.16	16.82	15.94	15.92	18.51	16.22	15.88	14.14
61845	0.52	0.43	0.42	0.42	0.43	0.53	1.05	1.20	1.27	1.32	1.40	1.44	1.38	1.45	1.45	1.39	1.33	1.27	1.25	1.25	1.46	1.23	0.75	0.60
	-8.61	-9.86	-7.29	-5.36	-6.60	-8.70	-1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.68	0.00	0.00	0.00	0.00	-0.04	-0.32	-6.04	-6.02

OH 61846	8.00	7.23	6.58	6.25	6.53	8.05	12.68	14.33	15.22	15.62	15.25	15.00	15.00	15.67	15.60	15.60	14.82	15.17	13.72	14.46	16.51	14.40	10.00	8.54
	-0.06	-0.07	-0.07	-0.05	-0.02	0.01	-0.22	-0.25	-0.15	-0.25	-0.41	-0.44	-0.37	-0.46	-0.47	-0.49	-0.38	-0.31	-0.18	-0.16	-0.42	-0.28	-0.24	-0.14
	-1.61	-1.85	-1.37	-1.01	-1.24	-1.63	-0.23	0.05	0.06	-0.11	0.80	1.55	1.30	1.39	1.21	0.32	0.63	0.06	0.79	0.05	0.08	-0.01	-1.16	-1.16
PJM 61847	14.17	12.12	10.31	9.11	9.94	12.47	17.21	18.42	18.58	20.29	21.72	21.66	22.11	22.26	22.28	22.67	21.92	21.00	19.21	19.00	21.37	18.81	15.47	14.68
	0.48	0.40	0.39	0.40	0.43	0.53	0.94	1.10	1.20	1.20	1.19	1.19	1.18	1.23	1.21	1.13	1.11	1.10	1.12	1.15	1.26	1.13	0.65	0.54
	-7.23	-6.27	-4.63	-3.41	-4.20	-5.53	-3.61	-2.69	-1.94	-3.34	-4.07	-3.48	-4.26	-3.52	-3.80	-5.13	-4.99	-4.35	-3.41	-3.18	-3.10	-3.01	-5.73	-6.62
WEST 61752	8.07	7.27	6.63	6.31	6.58	8.13	13.00	14.75	15.73	18.00	27.00	23.23	24.00	23.00	22.00	20.00	18.23	15.65	18.00	14.90	16.95	14.78	10.16	8.63
	0.07	0.04	0.02	0.04	0.08	0.15	0.11	0.18	0.36	0.27	0.13	0.10	0.18	0.11	0.09	0.03	0.13	0.17	0.29	0.28	0.02	0.10	-0.04	0.01
	-1.55	-1.78	-1.31	-0.97	-1.19	-1.57	-0.22	0.05	0.06	-1.98	-10.41	-6.14	-7.14	-5.39	-4.64	-3.55	-2.27	0.06	-3.02	0.05	0.08	-0.01	-1.11	-1.11