

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/06/2017

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	20.31	17.59	15.56	14.68	14.38	15.74	19.47	20.45	22.31	24.30	23.96	24.85	25.76	25.87	25.23	24.85	25.60	25.34	24.14	24.62	24.52	19.95	18.04	16.77
61757	0.79	0.69	0.64	0.67	0.64	0.74	1.07	1.27	1.41	1.58	1.58	1.59	1.65	1.62	1.53	1.59	1.66	1.78	1.73	1.71	1.66	1.39	1.10	0.89
	-7.72	-6.66	-5.79	-4.49	-4.54	-4.55	-4.18	-0.59	0.12	0.16	0.16	0.17	0.18	-0.50	-1.23	-1.24	-1.53	-1.00	0.07	0.16	0.15	-0.03	-1.29	-3.71
CENTRL	12.48	10.83	9.66	9.91	9.61	10.87	14.61	18.56	20.95	22.92	22.67	23.92	24.49	24.05	22.66	22.06	22.54	22.40	22.30	22.95	22.87	18.38	15.67	12.50
61754	0.05	0.04	0.04	0.04	0.05	0.05	0.09	0.04	0.08	0.09	0.11	0.12	0.07	0.12	0.14	0.09	0.09	0.05	0.05	0.09	0.07	-0.02	-0.02	0.05
	-0.63	-0.55	-0.49	-0.36	-0.37	-0.37	-0.30	0.08	0.17	0.05	-0.01	-0.38	-0.12	-0.18	-0.06	0.05	-0.04	0.20	0.22	0.22	0.21	0.14	-0.04	-0.28
DUNWOD	19.00	16.44	14.51	13.96	13.61	15.03	18.92	21.30	23.53	25.56	25.22	26.21	27.23	28.24	28.48	27.96	29.09	27.97	25.38	25.77	25.70	20.85	18.57	16.36
61760	1.39	1.20	1.03	1.06	1.00	1.16	1.56	2.19	2.50	2.68	2.68	2.79	2.94	2.87	2.72	2.64	2.71	2.71	2.70	2.70	2.69	2.22	1.91	1.39
	-5.81	-5.01	-4.34	-3.38	-3.42	-3.42	-3.14	-0.51	0.00	0.00	0.00	0.00	0.00	-1.61	-3.30	-3.29	-3.97	-2.72	-0.20	0.00	0.00	-0.10	-1.00	-2.80
GENESE	12.13	10.53	9.37	9.65	9.33	10.59	14.20	18.10	20.43	22.21	21.87	22.72	23.45	23.06	21.86	21.35	21.69	21.82	21.81	22.39	22.29	17.90	15.27	12.21
61753	-0.20	-0.16	-0.16	-0.16	-0.17	-0.17	-0.27	-0.45	-0.48	-0.55	-0.52	-0.54	-0.65	-0.52	-0.45	-0.53	-0.58	-0.59	-0.52	-0.53	-0.57	-0.54	-0.42	-0.20
	-0.52	-0.46	-0.40	-0.30	-0.31	-0.31	-0.25	0.05	0.12	0.13	0.16	0.17	0.18	0.17	0.16	0.15	0.14	0.14	0.16	0.16	0.15	0.09	-0.04	-0.23
H Q	5.16	5.16	5.16	5.16	5.16	6.64	7.92	10.26	11.31	10.26	10.26	10.26	10.26	10.26	10.26	10.26	11.31	11.31	10.26	10.85	11.29	10.26	10.26	7.05
61844	-0.45	-0.39	-0.35	-0.36	-0.35	-0.40	-0.53	-0.69	-0.76	-0.85	-0.83	-0.87	-0.90	-0.88	-0.83	-0.81	-0.83	-0.83	-0.83	-0.85	-0.83	-0.67	-0.56	-0.45
	6.20	4.69	3.63	4.00	3.68	3.41	5.77	7.65	8.96	11.78	11.45	12.30	13.13	12.62	11.38	10.95	10.27	10.41	11.39	11.37	10.90	7.61	4.83	4.67
HUD VL	18.84	16.29	14.39	13.85	13.51	14.90	18.74	21.06	23.28	25.34	25.00	26.00	27.03	28.12	28.47	28.00	29.13	28.00	25.23	25.61	25.48	20.67	18.38	16.21
61758	1.26	1.08	0.94	0.97	0.92	1.05	1.41	1.95	2.25	2.45	2.46	2.58	2.74	2.68	2.56	2.53	2.58	2.59	2.54	2.54	2.46	2.04	1.72	1.24
	-5.77	-4.97	-4.31	-3.36	-3.39	-3.40	-3.11	-0.50	0.00	0.00	0.00	0.00	0.00	-1.68	-3.44	-3.44	-4.14	-2.85	-0.21	0.00	0.00	-0.10	-1.00	-2.79
LONGIL	23.58	28.29	24.44	20.47	20.46	26.71	24.22	25.36	28.01	30.42	28.82	31.66	31.22	30.98	32.30	34.72	35.15	35.04	31.15	30.46	29.18	28.66	31.49	31.86
61762	1.84	1.58	1.36	1.41	1.34	1.51	2.09	2.83	3.26	3.52	3.38	3.54	3.69	3.63	3.46	3.39	3.49	3.52	3.46	3.48	3.45	2.87	2.46	1.83
	-9.93	-16.48	-13.94	-9.55	-9.93	-14.76	-7.91	-3.93	-3.72	-4.02	-2.90	-4.70	-3.24	-3.59	-6.37	-9.30	-9.25	-8.97	-5.21	-3.90	-2.72	-7.26	-13.38	-17.85
MHK VL	11.60	10.18	9.14	9.36	9.07	10.41	13.87	17.72	19.99	21.43	21.16	21.89	22.62	22.03	20.78	20.37	20.80	20.97	20.95	21.67	21.68	17.57	15.18	11.89
61756	0.15	0.14	0.11	0.14	0.12	0.16	0.26	0.35	0.42	0.46	0.47	0.47	0.46	0.45	0.40	0.37	0.36	0.34	0.34	0.44	0.44	0.26	0.19	0.16
	0.36	0.20	0.10	0.30	0.24	0.19	0.60	1.23	1.46	1.91	1.86	2.00	2.13	2.17	2.10	2.03	1.97	1.92	1.86	1.85	1.77	1.22	0.66	0.45
MILLWD	19.00	16.44	14.51	13.96	13.62	15.02	18.89	21.23	23.44	25.47	25.13	26.12	27.13	28.13	28.35	27.81	28.92	27.81	25.31	25.68	25.61	20.78	18.51	16.33
61759	1.35	1.16	1.00	1.03	0.98	1.13	1.51	2.12	2.42	2.59	2.59	2.69	2.84	2.80	2.65	2.55	2.62	2.59	2.63	2.61	2.60	2.15	1.85	1.33
	-5.85	-5.04	-4.38	-3.41	-3.45	-3.45	-3.16	-0.51	0.00	0.00	0.00	0.00	0.00	-1.58	-3.23	-3.23	-3.89	-2.66	-0.20	0.00	0.00	-0.10	-1.01	-2.82
N.Y.C.	19.20	16.59	14.63	14.09	13.75	15.17	19.11	21.70	23.98	26.10	27.90	26.81	28.30	28.68	28.98	28.65	29.36	28.25	25.94	26.24	26.20	21.55	19.35	16.54
61761	1.55	1.33	1.15	1.18	1.13	1.30	1.73	2.42	2.75	2.97	2.98	3.07	3.26	3.18	3.01	2.93	2.98	2.98	2.99	3.00	2.99	2.45	2.08	1.56
	-5.85	-5.02	-4.35	-3.39	-3.42	-3.43	-3.15	-0.68	-0.20	-0.24	-2.38	-0.32	-0.75	-1.74	-3.50	-3.69	-3.97	-2.72	-0.47	-0.17	-0.19	-0.57	-1.62	-2.81
NORTH	5.65	5.49	5.39	5.43	5.39	6.87	8.35	10.85	12.05	11.27	11.22	11.29	11.42	11.35	11.23	11.19	12.19	12.23	11.23	11.84	12.22	10.88	10.59	7.39
61755	-0.58	-0.53	-0.48	-0.50	-0.49	-0.51	-0.68	-0.87	-0.92	-1.03	-1.04	-1.08	-1.07	-1.07	-1.01	-0.99	-0.99	-0.97	-1.01	-1.01	-0.97	-0.80	-0.70	-0.57
	5.57	4.22	3.26	3.59	3.31	3.07	5.19	6.88	8.05	10.59	10.29	11.05	11.80	11.34	10.23	9.84	9.23	9.36	10.24	10.22	9.83	6.86	4.36	4.21
NPX	19.62	17.00	15.02	14.30	14.00	15.35	19.07	20.73	22.73	24.72	24.30	25.25	26.23	26.65	26.30	25.86	26.72	26.12	24.51	24.94	24.90	20.24	18.22	16.50
61845	0.93	0.83	0.74	0.77	0.75	0.85	1.12	1.53	1.70	1.83	1.76	1.83	1.94	1.90	1.80	1.81	1.86	1.89	1.91	1.87	1.89	1.59	1.38	1.01
	-6.88	-5.93	-5.15	-4.01	-4.05	-4.05	-3.73	-0.60	0.00	0.00	0.00	0.00	0.00	-0.99	-2.03	-2.03	-2.45	-1.67	-0.12	0.00	0.00	-0.12	-1.19	-3.31

OH 61846	12.18	10.60	9.45	9.68	9.39	10.59	14.00	17.50	17.50	17.78	19.00	19.07	19.17	19.15	19.97	19.97	20.00	20.98	21.00	21.48	21.33	17.28	14.89	12.14
	-0.38	-0.29	-0.26	-0.27	-0.24	-0.30	-0.60	-1.08	-1.09	-1.26	-1.22	-1.27	-1.48	-1.28	-1.12	-1.17	-1.19	-1.35	-1.33	-1.45	-1.54	-1.17	-0.85	-0.38
	-0.75	-0.65	-0.57	-0.43	-0.44	-0.44	-0.38	0.03	2.43	3.85	2.32	3.09	3.64	3.32	1.37	0.89	1.22	0.22	0.15	0.15	0.14	0.08	-0.08	-0.34
PJM 61847	14.84	12.87	11.42	11.35	11.05	12.34	15.98	19.13	21.44	23.57	23.91	25.03	25.48	25.52	24.62	23.94	24.67	23.78	22.82	23.28	23.18	18.89	16.53	13.80
	0.38	0.34	0.29	0.30	0.29	0.32	0.36	0.35	0.46	0.43	0.45	0.47	0.44	0.50	0.54	0.48	0.52	0.41	0.41	0.35	0.30	0.30	0.33	0.36
	-2.66	-2.30	-1.99	-1.54	-1.56	-1.56	-1.41	-0.18	0.05	-0.25	-0.92	-1.14	-0.76	-1.26	-1.62	-1.43	-1.74	-0.82	0.07	0.14	0.13	-0.06	-0.55	-1.25
WEST 61752	12.37	10.77	9.60	9.85	9.55	10.78	14.29	17.94	20.60	24.73	25.00	31.00	28.40	28.64	25.69	23.55	25.00	21.61	21.54	22.00	21.84	17.65	15.20	12.38
	-0.15	-0.09	-0.08	-0.08	-0.06	-0.09	-0.28	-0.63	-0.48	-0.57	-0.56	-0.56	-0.80	-0.59	-0.43	-0.51	-0.54	-0.81	-0.79	-0.92	-1.04	-0.80	-0.53	-0.12
	-0.71	-0.62	-0.55	-0.41	-0.42	-0.42	-0.36	0.03	-0.05	-2.42	-3.02	-8.14	-4.91	-5.48	-3.65	-2.03	-3.13	0.14	0.15	0.15	0.14	0.09	-0.07	-0.32