

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/07/2017

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	18.52	15.58	13.68	12.76	12.41	13.54	17.28	19.28	20.76	21.70	22.26	22.97	22.92	23.63	23.64	23.65	24.51	24.50	23.11	24.12	24.09	19.03	17.25	15.54
61757	1.15	1.01	0.89	0.78	0.81	0.88	1.11	1.17	1.27	1.33	1.39	1.47	1.49	1.54	1.60	1.65	1.70	1.70	1.56	1.63	1.59	1.21	1.08	0.98
	0.00	0.02	0.10	0.09	0.08	0.09	0.13	0.13	0.13	0.15	0.16	0.16	0.16	0.17	0.17	0.22	0.23	0.18	0.17	0.19	0.19	0.17	0.14	-0.60
CENTRL	17.36	14.59	12.77	11.94	11.58	12.66	16.22	18.22	19.74	20.87	21.52	22.25	21.95	22.54	22.34	22.10	22.68	22.65	21.45	22.45	22.44	17.82	16.09	13.89
61754	-0.02	0.03	0.01	0.00	0.01	0.04	0.10	0.16	0.12	0.10	0.13	0.11	0.02	-0.02	-0.04	-0.07	-0.07	-0.07	-0.02	0.05	0.02	0.07	-0.02	0.01
	0.00	0.03	0.14	0.12	0.12	0.13	0.19	0.18	-0.02	-0.24	-0.35	-0.47	-0.34	-0.30	-0.17	0.06	0.29	0.26	0.24	0.27	0.27	0.24	0.20	0.09
DUNWOD	19.27	16.11	14.21	13.31	12.87	14.03	17.97	20.19	21.81	22.84	23.41	24.11	24.12	24.92	24.86	24.90	25.80	25.71	24.26	25.24	25.30	20.04	18.16	15.97
61760	1.89	1.52	1.32	1.24	1.18	1.28	1.66	1.95	2.20	2.32	2.38	2.45	2.52	2.65	2.64	2.67	2.76	2.73	2.54	2.56	2.61	2.05	1.84	1.49
	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	-0.51
GENESE	16.79	14.16	12.45	11.62	11.27	12.30	15.81	17.80	19.20	20.20	20.71	21.36	21.07	21.61	21.45	21.24	21.86	21.95	20.90	21.88	21.82	17.46	15.66	13.57
61753	-0.59	-0.41	-0.35	-0.36	-0.34	-0.36	-0.36	-0.31	-0.41	-0.47	-0.55	-0.61	-0.73	-0.85	-0.87	-0.93	-0.95	-0.85	-0.65	-0.61	-0.68	-0.36	-0.51	-0.34
	0.00	0.02	0.10	0.09	0.08	0.10	0.13	0.13	0.00	-0.15	-0.23	-0.30	-0.21	-0.19	-0.10	0.05	0.23	0.18	0.17	0.19	0.19	0.17	0.14	0.06
H Q	13.62	10.85	5.21	5.21	5.21	5.37	6.16	8.32	9.80	8.65	8.61	8.91	9.10	9.04	8.94	5.21	5.21	9.01	8.48	7.91	7.91	5.21	5.21	5.21
61844	-0.68	-0.57	-0.49	-0.46	-0.44	-0.47	-0.60	-0.67	-0.73	-0.76	-0.78	-0.80	-0.80	-0.82	-0.82	-0.82	-0.85	-0.85	-0.85	-0.80	-0.84	-0.84	-0.68	-0.53
	3.08	3.17	7.19	6.40	6.03	6.91	9.54	9.24	9.09	11.11	11.64	11.95	11.69	12.40	12.46	16.20	16.98	13.12	12.44	13.93	13.94	12.09	10.50	8.22
HUD VL	19.10	16.01	14.07	13.20	12.77	13.94	17.82	19.97	21.55	22.57	23.14	23.83	23.86	24.67	24.62	24.65	25.53	25.44	23.98	25.00	25.05	19.80	17.93	15.81
61758	1.72	1.41	1.17	1.13	1.09	1.19	1.52	1.73	1.94	2.05	2.10	2.17	2.27	2.41	2.40	2.42	2.49	2.46	2.26	2.31	2.36	1.82	1.62	1.34
	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	-0.50
LONGIL	22.50	16.55	14.65	14.00	14.01	15.89	22.78	24.70	26.22	27.59	28.50	29.02	32.41	32.87	34.56	44.49	35.74	38.57	34.07	38.42	33.57	26.78	25.83	21.96
61762	2.45	1.96	1.75	1.67	1.55	1.80	2.23	2.66	2.94	3.10	3.13	3.25	3.30	3.43	3.40	3.45	3.62	3.58	3.32	3.38	3.43	2.72	2.43	2.00
	-2.66	-0.01	-0.01	-0.26	-0.76	-1.34	-4.25	-3.81	-3.67	-3.97	-4.33	-4.11	-7.52	-7.17	-8.95	-18.81	-9.08	-12.01	-9.02	-12.36	-7.45	-6.07	-7.08	-6.00
MHK VL	17.53	14.49	11.83	11.09	10.77	11.75	15.01	17.02	18.53	19.15	19.54	20.09	20.04	20.61	20.55	19.95	20.60	21.22	20.05	20.90	20.94	16.21	14.77	12.81
61756	0.19	0.13	0.16	0.15	0.14	0.20	0.33	0.35	0.39	0.43	0.40	0.37	0.34	0.36	0.31	0.29	0.25	0.32	0.30	0.43	0.45	0.27	0.23	0.17
	0.04	0.23	1.22	1.12	1.05	1.21	1.61	1.56	1.48	1.81	1.89	1.94	1.90	2.02	1.97	2.57	2.69	2.08	1.97	2.21	2.21	2.05	1.78	1.32
MILLWD	19.22	16.08	14.17	13.28	12.84	14.01	17.92	20.13	21.73	22.78	23.33	24.03	24.03	24.85	24.77	24.79	25.69	25.59	24.15	25.13	25.19	19.93	18.06	15.90
61759	1.84	1.49	1.28	1.22	1.16	1.25	1.61	1.90	2.12	2.26	2.29	2.36	2.44	2.58	2.55	2.56	2.65	2.62	2.43	2.45	2.50	1.94	1.75	1.43
	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	-0.51
N.Y.C.	19.52	16.30	14.38	13.46	13.00	14.19	18.18	20.40	23.77	27.90	25.25	25.79	26.67	27.10	26.64	27.74	29.07	30.13	25.00	28.72	25.99	24.20	20.11	16.16
61761	2.14	1.71	1.48	1.39	1.31	1.43	1.87	2.15	2.43	2.56	2.63	2.73	2.79	2.92	2.93	2.93	3.04	3.01	2.80	2.86	2.88	2.27	2.01	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-1.73	-4.82	-1.58	-1.40	-2.29	-1.92	-1.49	-2.58	-2.99	-4.14	-0.48	-3.18	-0.41	-3.94	-1.79	-0.51
NORTH	15.99	12.32	5.65	5.58	5.58	5.87	6.88	9.00	10.49	9.51	9.52	9.84	10.01	10.03	9.93	6.55	6.59	10.04	9.43	9.00	9.00	6.17	6.04	5.75
61755	-1.20	-1.04	-0.75	-0.71	-0.67	-0.65	-0.81	-0.89	-0.92	-0.98	-1.01	-1.04	-1.04	-1.05	-1.04	-1.07	-1.13	-1.10	-1.06	-1.11	-1.11	-0.90	-0.80	-0.78
	0.19	1.24	6.49	5.77	5.44	6.23	8.61	8.34	8.20	10.03	10.50	10.78	10.54	11.19	11.24	14.62	15.32	11.83	11.22	12.57	12.58	10.92	9.48	7.43
NPX	18.74	15.73	13.90	13.02	12.61	13.72	17.53	19.58	21.10	22.06	22.63	23.35	23.32	24.09	24.06	24.12	25.02	24.91	23.50	24.47	24.51	19.41	17.62	15.69
61845	1.36	1.14	1.01	0.95	0.92	0.97	1.22	1.35	1.49	1.54	1.60	1.69	1.73	1.83	1.84	1.89	1.98	1.93	1.78	1.79	1.82	1.42	1.31	1.10
	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	-0.62

OH 61846	16.30	13.87	12.22	11.39	11.10	12.04	15.38	17.24	17.63	17.10	17.04	17.05	17.43	18.04	18.55	19.15	21.00	21.13	20.10	21.00	20.92	16.95	15.20	13.35
	-1.08	-0.70	-0.58	-0.59	-0.51	-0.62	-0.80	-0.87	-0.96	-1.13	-1.14	-1.17	-1.38	-1.56	-1.58	-1.69	-1.64	-1.68	-1.45	-1.50	-1.59	-0.88	-0.98	-0.59
	0.00	0.02	0.09	0.08	0.08	0.09	0.12	0.12	1.02	2.29	2.86	3.44	2.78	2.67	2.09	1.39	0.40	0.17	0.16	0.18	0.18	0.16	0.14	0.03
PJM 61847	17.57	14.86	13.07	12.21	11.84	12.89	16.49	18.52	20.37	22.36	22.90	23.75	23.35	23.74	23.44	23.00	23.32	23.23	22.00	22.97	22.88	19.22	16.88	14.41
	0.19	0.26	0.24	0.20	0.21	0.22	0.29	0.40	0.43	0.39	0.42	0.43	0.34	0.29	0.29	0.22	0.30	0.28	0.33	0.32	0.27	0.41	0.26	0.31
	0.00	0.00	0.06	0.06	0.06	0.08	0.10	0.11	-0.33	-1.45	-1.45	-1.66	-1.41	-1.18	-0.93	-0.55	0.02	0.02	0.05	0.03	0.09	-0.82	-0.31	-0.14
WEST 61752	16.61	14.12	12.42	11.58	11.29	12.27	15.74	17.66	22.64	28.30	31.00	33.91	31.00	31.00	28.64	25.55	22.48	21.61	20.54	21.46	21.35	17.34	15.51	13.61
	-0.76	-0.45	-0.37	-0.40	-0.32	-0.40	-0.44	-0.46	-0.41	-0.55	-0.57	-0.58	-0.82	-1.00	-1.02	-1.13	-1.06	-1.20	-1.02	-1.04	-1.16	-0.48	-0.67	-0.32
	0.00	0.02	0.09	0.08	0.08	0.09	0.12	0.12	-3.44	-8.33	-10.53	-12.83	-10.23	-9.73	-7.45	-4.45	-0.50	0.17	0.16	0.18	0.18	0.16	0.14	0.03