

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/07/2016

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	21.12	19.14	17.22	15.82	13.87	16.00	18.78	18.59	20.01	21.86	23.41	24.87	26.64	26.33	28.19	29.65	30.71	28.93	25.50	24.31	24.19	23.00	19.45	19.00
61757	1.17	0.76	0.77	0.77	0.80	0.85	1.32	1.27	1.46	1.60	1.75	1.77	1.90	1.70	1.71	1.65	1.88	1.99	1.75	1.62	1.61	1.58	1.31	1.10
	-4.14	-7.49	-5.84	-4.42	-2.43	-3.79	-0.10	0.16	0.37	0.53	0.51	-0.38	-0.69	-3.08	-5.60	-8.39	-6.40	-2.99	-2.60	-1.59	-1.39	-0.97	-0.70	-2.17
CENTRL	16.51	11.86	11.35	11.20	11.03	11.95	17.68	17.80	19.27	21.16	22.80	23.34	24.75	21.47	20.85	19.11	21.83	24.00	21.21	21.32	21.37	20.62	17.62	16.28
61754	0.24	0.13	0.08	0.08	0.12	0.17	0.31	0.33	0.34	0.37	0.40	0.34	0.38	0.37	0.33	0.31	0.34	0.36	0.34	0.40	0.34	0.29	0.26	0.19
	-0.46	-0.83	-0.65	-0.49	-0.27	-0.42	-0.01	0.00	0.00	0.00	-0.23	-0.27	-0.32	0.44	0.36	0.81	0.93	0.32	0.28	0.17	0.16	0.12	0.08	-0.36
DUNWOD	20.97	17.98	16.38	15.24	13.75	15.63	19.62	21.03	24.51	27.90	29.23	29.56	31.18	33.25	34.96	38.85	40.72	35.58	31.28	28.78	28.96	27.34	22.76	21.86
61760	2.01	1.41	1.33	1.26	1.27	1.39	2.19	2.25	2.48	2.70	2.88	3.02	3.17	2.87	2.80	2.63	3.01	3.19	2.81	2.81	2.77	2.70	2.32	2.08
	-3.14	-5.69	-4.43	-3.36	-1.84	-2.88	-0.08	-1.30	-3.10	-4.40	-4.18	-3.82	-3.96	-8.84	-11.28	-16.62	-15.29	-8.43	-7.32	-4.88	-4.99	-4.18	-3.00	-4.05
GENESE	16.13	11.46	10.97	10.85	10.74	11.67	17.30	17.44	18.85	20.71	21.92	22.24	23.73	21.64	21.20	20.19	22.65	23.79	21.04	21.07	21.10	20.29	17.44	15.87
61753	-0.05	-0.09	-0.16	-0.16	-0.12	-0.02	-0.07	-0.03	-0.08	-0.08	-0.24	-0.48	-0.31	-0.17	-0.19	-0.26	-0.31	-0.17	-0.11	-0.02	-0.08	-0.16	0.00	-0.14
	-0.36	-0.66	-0.51	-0.39	-0.21	-0.33	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	-0.51	-0.84	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	-0.28
H Q	15.21	10.50	10.27	10.27	10.27	11.13	16.52	16.83	18.21	20.02	21.34	21.88	23.13	20.71	20.06	18.86	21.57	23.02	20.32	20.29	20.43	19.72	16.80	15.17
61844	-0.60	-0.39	-0.35	-0.35	-0.37	-0.41	-0.66	-0.65	-0.72	-0.77	-0.82	-0.84	-0.91	-0.84	-0.81	-0.74	-0.85	-0.93	-0.83	-0.80	-0.76	-0.74	-0.65	-0.57
	0.00	0.00	0.00	0.00	0.00	-0.18	0.18	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
HUD VL	20.83	17.83	16.24	15.14	13.68	15.52	19.55	20.06	22.40	24.92	26.47	28.16	30.16	33.38	35.07	39.06	41.25	35.86	31.48	28.64	28.54	26.67	22.27	20.89
61758	1.93	1.35	1.26	1.21	1.22	1.33	2.12	2.11	2.35	2.54	2.73	2.84	3.01	2.78	2.71	2.55	2.91	3.09	2.69	2.64	2.65	2.54	2.20	1.97
	-3.09	-5.59	-4.36	-3.31	-1.81	-2.83	-0.08	-0.47	-1.12	-1.59	-1.58	-2.60	-3.11	-9.05	-11.48	-16.90	-15.91	-8.81	-7.65	-4.90	-4.71	-3.69	-2.63	-3.19
LONGIL	23.78	20.00	16.69	15.39	13.96	15.85	21.63	23.73	25.42	28.74	27.30	29.84	31.52	33.11	34.69	38.47	40.39	35.79	31.62	29.10	29.35	27.79	24.81	23.38
61762	2.47	1.74	1.63	1.41	1.47	1.61	2.67	2.76	3.03	3.04	2.81	3.23	3.61	3.08	2.98	2.92	3.45	3.88	3.41	3.21	3.20	3.07	2.83	2.53
	-5.50	-7.37	-4.43	-3.36	-1.85	-2.88	-1.60	-3.50	-3.46	-4.91	-2.32	-3.89	-3.87	-8.48	-10.83	-15.94	-14.51	-7.95	-7.07	-4.80	-4.96	-4.27	-4.54	-5.12
MHK VL	16.81	12.10	11.60	11.44	11.26	12.16	17.96	18.16	19.73	21.70	23.16	23.58	24.86	21.71	21.20	19.52	22.16	24.06	21.29	21.42	21.63	20.94	17.79	16.52
61756	0.52	0.35	0.31	0.31	0.34	0.36	0.59	0.65	0.70	0.77	0.86	0.93	0.96	0.84	0.79	0.63	0.72	0.77	0.72	0.67	0.74	0.70	0.49	0.38
	-0.48	-0.86	-0.67	-0.51	-0.28	-0.44	-0.01	-0.04	-0.10	-0.14	-0.13	0.07	0.14	0.67	0.47	0.71	0.98	0.66	0.58	0.35	0.30	0.21	0.15	-0.41
MILLWD	21.01	18.06	16.45	15.29	13.78	15.67	19.64	20.06	22.25	24.67	26.16	27.99	30.01	32.88	34.57	38.20	40.14	35.29	30.95	28.33	28.18	26.37	22.07	21.05
61759	2.01	1.41	1.33	1.26	1.27	1.39	2.20	2.25	2.52	2.74	2.90	3.05	3.22	2.99	2.92	2.77	3.18	3.35	2.88	2.83	2.82	2.70	2.30	2.06
	-3.19	-5.77	-4.50	-3.41	-1.87	-2.92	-0.08	-0.34	-0.80	-1.14	-1.09	-2.22	-2.74	-8.34	-10.77	-15.83	-14.54	-7.98	-6.93	-4.41	-4.18	-3.22	-2.32	-3.26
N.Y.C.	21.11	18.08	16.48	15.33	13.85	15.73	19.77	21.33	25.00	28.55	29.91	30.00	31.55	33.42	35.12	39.00	40.91	35.74	31.47	29.00	29.26	27.69	23.05	22.16
61761	2.15	1.50	1.42	1.35	1.36	1.49	2.33	2.41	2.63	2.87	3.08	3.23	3.37	3.02	2.94	2.74	3.16	3.33	2.98	2.98	2.97	2.88	2.51	2.25
	-3.15	-5.69	-4.44	-3.36	-1.85	-2.88	-0.08	-1.45	-3.44	-4.89	-4.67	-4.05	-4.14	-8.86	-11.30	-16.65	-15.32	-8.46	-7.34	-4.93	-5.10	-4.35	-3.09	-4.18
NORTH	14.79	10.27	10.03	10.03	10.04	10.70	16.30	16.46	17.76	19.52	20.85	21.38	22.60	20.15	19.45	18.35	20.97	22.42	19.77	19.81	20.04	19.31	16.42	14.84
61755	-1.03	-0.62	-0.59	-0.59	-0.61	-0.66	-1.06	-1.01	-1.17	-1.27	-1.31	-1.34	-1.44	-1.40	-1.42	-1.26	-1.46	-1.53	-1.37	-1.29	-1.14	-1.14	-1.03	-0.90
	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	20.90	18.55	16.77	15.48	13.72	15.94	18.80	18.72	20.00	21.75	23.28	25.31	27.21	28.06	29.77	31.80	33.16	30.56	26.91	25.30	25.06	23.68	19.99	19.38
61845	1.38	0.95	0.91	0.89	0.89	1.00	1.53	1.50	1.68	1.83	1.95	2.07	2.16	1.94	1.92	1.82	2.09	2.20	1.94	1.88	1.84	1.82	1.54	1.37
	-3.71	-6.71	-5.23	-3.97	-2.18	-3.58	0.09	0.26	0.61	0.87	0.83	-0.52	-1.00	-4.57	-6.98	-10.37	-8.65	-4.40	-3.82	-2.33	-2.03	-1.41	-1.01	-2.28

OH 61846	16.25	11.79	11.24	11.05	10.86	12.00	17.07	17.21	18.46	20.29	20.64	20.50	21.53	20.50	20.50	20.50	22.69	23.00	20.26	20.50	20.50	19.79	17.21	15.96
	-0.06	-0.01	-0.09	-0.11	-0.07	0.00	-0.12	-0.26	-0.47	-0.50	-0.62	-0.84	-0.82	-0.56	-0.56	-0.47	-0.49	-0.60	-0.57	-0.40	-0.51	-0.53	-0.14	-0.16
	-0.50	-0.91	-0.71	-0.54	-0.30	-0.64	0.17	0.00	0.00	0.00	0.90	1.38	1.70	0.49	-0.19	-1.37	-0.76	0.36	0.31	0.19	0.18	0.13	0.09	-0.39
PJM 61847	19.09	15.47	14.31	13.57	12.62	14.28	18.60	19.54	22.05	24.77	26.36	27.12	28.82	30.58	31.55	34.47	36.33	31.85	28.03	26.24	26.29	24.83	20.89	19.45
	1.23	0.88	0.81	0.77	0.78	0.87	1.37	1.35	1.40	1.54	1.60	1.57	1.66	1.57	1.50	1.43	1.66	1.73	1.52	1.62	1.59	1.51	1.40	1.26
	-2.04	-3.69	-2.88	-2.18	-1.20	-2.05	0.13	-0.72	-1.72	-2.44	-2.60	-2.83	-3.12	-7.46	-9.17	-13.43	-12.24	-6.17	-5.36	-3.52	-3.51	-2.87	-2.05	-2.46
WEST 61752	16.63	12.02	11.45	11.27	11.10	12.10	17.74	17.73	19.01	20.92	26.00	28.00	30.54	30.52	30.00	30.84	31.09	23.73	20.85	21.06	21.06	20.33	17.65	16.34
	0.33	0.25	0.15	0.13	0.17	0.29	0.37	0.26	0.08	0.13	0.04	-0.14	-0.10	0.15	0.10	0.18	0.22	0.12	0.00	0.15	0.04	0.00	0.30	0.24
	-0.48	-0.87	-0.68	-0.52	-0.28	-0.44	-0.01	0.00	0.00	0.00	-3.79	-5.41	-6.59	-8.82	-9.02	-11.06	-8.44	0.34	0.30	0.19	0.17	0.13	0.09	-0.37