

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/31/2016

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	22.80	20.18	19.01	18.32	15.84	14.84	12.35	12.95	15.75	19.07	20.63	23.23	25.31	26.41	26.79	27.43	28.38	28.51	28.03	25.61	25.58	24.61	23.60	22.25
61757	1.35	1.23	1.07	0.99	0.92	0.85	0.54	0.49	0.76	0.92	0.98	1.13	1.18	1.28	1.25	1.28	1.33	1.31	1.46	1.33	1.24	1.26	1.10	1.24
	0.00	0.00	-1.04	-1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	21.41	18.91	16.91	15.75	14.90	14.03	11.87	12.54	15.11	18.27	19.75	22.33	24.69	25.72	26.16	26.75	27.82	27.79	27.00	24.39	24.46	23.39	22.72	21.16
61754	-0.04	-0.04	-0.10	-0.06	-0.01	0.04	0.06	0.08	0.12	0.13	0.10	0.16	0.22	0.15	0.23	0.21	0.33	0.30	0.27	0.12	0.12	0.05	0.22	0.15
	0.00	0.00	-0.11	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.35	-0.43	-0.39	-0.39	-0.43	-0.28	-0.16	0.00	0.00	0.00	0.00	0.00
DUNWOD	24.13	21.33	19.72	18.67	16.61	15.57	13.08	13.83	16.81	20.40	22.13	25.33	27.22	28.45	28.89	29.58	30.57	30.61	29.89	27.35	27.38	26.83	25.20	23.53
61760	2.68	2.39	2.08	1.83	1.70	1.58	1.28	1.37	1.83	2.25	2.48	2.83	3.09	3.32	3.34	3.43	3.52	3.40	3.32	3.08	3.04	3.03	2.70	2.52
	0.00	0.00	-0.74	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.45	0.00	0.00
GENESE	20.55	18.13	16.12	15.03	14.29	13.54	11.43	12.10	14.61	17.60	18.98	21.38	23.35	24.00	24.54	25.11	25.63	25.82	25.81	23.49	23.58	22.53	22.27	20.72
61753	-0.90	-0.81	-0.88	-0.77	-0.63	-0.45	-0.38	-0.36	-0.37	-0.54	-0.67	-0.71	-0.77	-1.13	-1.00	-1.05	-1.00	-1.03	-0.85	-0.78	-0.75	-0.82	-0.22	-0.29
	0.00	0.00	-0.10	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.35	-0.09	0.00	0.00	0.00	0.00	0.00
H Q	18.80	16.70	16.34	15.12	14.41	13.49	11.47	12.11	14.45	17.49	18.96	21.27	23.23	24.18	24.57	25.16	26.00	26.23	25.62	23.42	23.53	22.55	21.76	20.32
61844	-0.75	-0.66	-0.56	-0.52	-0.51	-0.50	-0.34	-0.35	-0.54	-0.65	-0.69	-0.82	-0.89	-0.96	-0.97	-0.99	-1.06	-0.98	-0.96	-0.85	-0.80	-0.79	-0.74	-0.69
	1.90	1.58	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
HUD VL	23.98	21.22	19.59	18.58	16.54	15.50	13.01	13.73	16.66	20.23	21.93	24.98	26.97	28.25	28.73	29.42	30.41	30.41	29.73	27.16	27.21	26.54	25.02	23.36
61758	2.53	2.27	1.96	1.75	1.63	1.51	1.21	1.27	1.68	2.09	2.28	2.58	2.85	3.12	3.19	3.27	3.35	3.21	3.16	2.89	2.87	2.85	2.52	2.35
	0.00	0.00	-0.73	-1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	0.00	0.00
LONGIL	28.57	23.97	21.53	20.45	18.61	17.57	15.54	18.40	21.37	29.21	25.66	26.74	28.03	29.38	29.81	30.58	34.47	34.48	30.87	29.28	28.45	27.85	27.78	24.72
61762	3.56	3.15	2.76	2.42	2.27	2.11	1.77	1.83	2.40	2.96	3.24	3.67	3.91	4.25	4.27	4.42	4.60	4.46	4.30	3.96	3.89	3.83	3.51	3.32
	-3.56	-1.88	-1.87	-2.39	-1.44	-1.47	-1.96	-4.11	-3.99	-8.10	-2.77	-0.99	0.00	0.00	0.00	-0.01	-2.81	-2.81	0.00	-1.05	-0.22	-0.68	-1.77	-0.39
MHK VL	22.03	19.42	17.42	16.16	15.29	14.34	12.14	12.85	15.42	18.71	20.24	22.84	24.92	25.94	26.36	27.01	27.95	28.16	27.53	25.10	25.21	24.12	23.22	21.62
61756	0.58	0.47	0.40	0.34	0.37	0.35	0.33	0.39	0.43	0.56	0.59	0.73	0.80	0.80	0.82	0.86	0.89	0.95	0.96	0.83	0.87	0.75	0.72	0.61
	0.00	0.00	-0.11	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00
MILLWD	24.11	21.33	19.73	18.68	16.60	15.56	13.07	13.81	16.78	20.38	22.11	25.32	27.24	28.50	28.96	29.66	30.66	30.63	29.92	27.35	27.40	26.80	25.17	23.51
61759	2.66	2.39	2.08	1.83	1.68	1.57	1.26	1.35	1.80	2.23	2.46	2.83	3.11	3.37	3.42	3.51	3.60	3.43	3.35	3.08	3.07	3.01	2.68	2.50
	0.00	0.00	-0.75	-1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	0.00	0.00
N.Y.C.	24.39	21.57	19.91	18.83	16.77	15.68	13.18	13.94	16.95	20.58	27.15	26.83	28.33	30.13	30.48	30.90	34.72	34.72	31.09	28.99	29.61	29.47	27.68	23.80
61761	2.94	2.62	2.27	1.99	1.85	1.69	1.37	1.48	1.96	2.43	2.69	3.07	3.35	3.57	3.58	3.63	3.74	3.59	3.51	3.30	3.26	3.29	2.97	2.77
	0.00	0.00	-0.74	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	-4.80	-1.68	-0.85	-1.43	-1.36	-1.12	-3.92	-3.92	-1.01	-1.42	-2.01	-2.83	-2.21	-0.02
NORTH	20.31	17.92	16.11	14.87	14.18	13.21	11.37	12.07	14.13	17.18	18.63	20.89	22.85	23.70	24.06	24.61	25.38	25.79	25.19	23.08	23.29	22.30	21.51	20.06
61755	-1.14	-1.02	-0.79	-0.77	-0.73	-0.78	-0.44	-0.39	-0.85	-0.96	-1.02	-1.19	-1.28	-1.43	-1.48	-1.54	-1.68	-1.42	-1.38	-1.19	-1.05	-1.05	-0.99	-0.95
	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	23.25	20.58	19.23	18.40	16.12	15.14	12.67	13.36	16.23	19.63	21.26	24.10	26.08	27.24	27.69	28.35	29.30	29.38	28.78	26.28	26.29	25.49	24.23	22.65
61845	1.80	1.63	1.42	1.28	1.21	1.15	0.86	0.90	1.24	1.49	1.61	1.83	1.95	2.11	2.15	2.20	2.24	2.18	2.20	2.01	1.95	1.94	1.73	1.64
	0.00	0.00	-0.91	-1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00

OH 61846	20.23	18.00	16.03	15.00	14.23	13.50	11.51	12.12	14.49	17.42	18.67	20.43	20.84	21.09	21.87	22.36	21.46	22.80	24.58	22.84	22.85	21.88	21.87	20.44
	-1.22	-0.95	-1.00	-0.84	-0.69	-0.49	-0.29	-0.34	-0.49	-0.73	-0.98	-1.10	-1.04	-1.23	-1.15	-1.25	-1.00	-1.14	-1.27	-1.43	-1.49	-1.47	-0.63	-0.57
	0.00	0.00	-0.13	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	2.25	2.81	2.52	2.54	4.60	3.27	0.71	0.00	0.00	0.00	0.00	0.00
PJM 61847	22.18	19.67	17.85	16.80	15.43	14.55	12.30	13.00	15.66	18.93	20.44	23.34	25.86	27.07	27.49	28.11	29.82	29.47	28.03	25.22	25.24	24.40	23.53	21.98
	0.73	0.72	0.54	0.50	0.52	0.56	0.50	0.54	0.68	0.78	0.79	0.93	1.09	1.13	1.23	1.23	1.38	1.28	1.17	0.95	0.90	0.86	1.04	0.97
	0.00	0.00	-0.41	-0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.65	-0.81	-0.73	-0.73	-1.39	-0.99	-0.29	0.00	0.00	-0.19	0.00	0.00
WEST 61752	20.53	18.27	16.23	15.20	14.42	13.70	11.69	12.34	14.78	17.78	19.08	23.34	31.26	34.00	33.49	34.08	41.06	36.75	28.66	23.32	23.27	22.32	22.39	20.86
	-0.92	-0.68	-0.79	-0.64	-0.49	-0.29	-0.12	-0.12	-0.21	-0.36	-0.57	-0.60	-0.46	-0.63	-0.56	-0.65	-0.32	-0.52	-0.69	-0.95	-1.07	-1.03	-0.11	-0.15
	0.00	0.00	-0.12	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.85	-7.59	-9.49	-8.51	-8.58	-14.32	-10.06	-2.78	0.00	0.00	0.00	0.00	0.00