

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/31/2016

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	19.88	18.22	16.34	15.97	18.00	20.00	23.79	27.54	25.64	24.47	23.26	23.25	21.56	21.20	20.33	20.28	23.29	22.00	24.30	28.58	25.72	23.31	19.91	19.72
61757	0.01	0.01	0.01	0.01	0.01	0.06	0.65	0.78	0.89	1.02	1.27	1.05	1.05	1.00	0.84	0.74	0.62	0.92	1.07	1.20	1.21	0.93	0.64	0.11
	-19.77	-18.11	-16.23	-15.86	-17.89	-18.81	-12.15	-14.86	-11.72	-9.16	-4.81	-7.56	-5.98	-6.33	-7.52	-9.01	-13.60	-8.25	-8.33	-10.72	-7.43	-8.49	-9.67	-17.70
CENTRL	2.85	2.62	2.36	2.31	2.59	3.20	12.95	14.48	15.03	15.92	18.23	16.02	15.68	15.06	13.31	11.97	11.23	16.03	18.25	21.04	20.53	16.93	12.57	4.26
61754	0.00	0.00	0.00	0.00	0.00	0.03	0.36	0.46	0.38	0.43	0.53	0.44	0.44	0.42	0.36	0.32	0.32	0.40	0.49	0.55	0.55	0.43	0.30	0.06
	-2.74	-2.51	-2.25	-2.20	-2.48	-2.04	-1.60	-2.12	-1.62	-1.19	-0.52	-0.95	-0.72	-0.78	-0.98	-1.12	-1.84	-2.80	-2.86	-3.83	-2.90	-2.62	-2.67	-2.29
DUNWOD	16.51	15.13	13.58	13.27	14.95	16.87	22.63	25.92	24.69	24.02	23.71	23.10	21.64	21.20	20.00	19.60	21.73	21.91	24.20	28.21	27.06	23.14	19.10	16.85
61760	0.01	0.01	0.01	0.01	0.01	0.15	1.51	1.69	1.92	2.04	2.42	2.08	2.06	2.00	1.72	1.54	1.32	1.97	2.28	2.55	2.61	2.11	1.42	0.27
	-16.39	-15.02	-13.46	-13.15	-14.84	-15.60	-10.14	-12.34	-9.75	-7.67	-4.10	-6.38	-5.05	-5.34	-6.30	-7.53	-11.34	-7.11	-7.02	-9.00	-7.37	-7.15	-8.08	-14.66
GENESE	2.37	2.18	1.97	1.92	2.16	2.97	11.20	12.29	12.78	13.65	15.73	13.81	13.53	13.00	11.48	10.30	9.55	13.74	15.92	17.93	17.97	14.82	10.68	3.80
61753	0.00	0.00	0.00	0.00	0.00	0.01	0.18	0.25	0.08	0.14	0.17	0.18	0.16	0.18	0.17	0.12	0.17	0.15	0.27	0.27	0.26	0.15	0.13	0.01
	-2.27	-2.08	-1.87	-1.82	-2.06	-1.84	-0.04	-0.15	0.33	0.79	1.62	1.01	1.16	1.04	0.66	0.34	-0.31	-0.76	-0.75	-1.00	-0.64	-0.78	-0.95	-1.87
H Q	0.10	0.10	0.10	0.10	0.10	1.08	4.01	9.48	9.63	6.26	5.17	5.17	5.17	5.17	5.17	4.26	3.87	3.16	3.16	5.17	5.17	3.16	3.16	1.83
61844	0.00	0.00	0.00	0.00	0.00	-0.05	-0.49	-0.52	-0.56	-0.61	-0.76	-0.63	-0.64	-0.61	-0.53	-0.46	-0.41	-0.59	-0.69	-0.77	-0.77	-0.64	-0.44	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	6.49	1.89	2.84	7.42	11.25	8.84	8.72	8.09	6.28	5.80	4.79	9.08	11.06	10.72	11.14	10.09	5.99	0.00
HUD VL	16.35	14.99	13.45	13.14	14.81	16.71	22.43	25.67	24.44	23.77	23.46	22.85	21.41	20.97	19.79	19.40	21.49	21.62	23.94	27.90	26.51	22.89	18.89	16.69
61758	0.01	0.01	0.01	0.01	0.01	0.14	1.40	1.55	1.75	1.87	2.22	1.90	1.87	1.82	1.57	1.40	1.20	1.80	2.09	2.33	2.39	1.93	1.29	0.26
	-16.24	-14.88	-13.33	-13.03	-14.70	-15.45	-10.05	-12.23	-9.66	-7.60	-4.07	-6.31	-5.01	-5.29	-6.25	-7.47	-11.23	-7.00	-6.95	-8.91	-7.04	-7.07	-8.00	-14.52
LONGIL	17.71	15.69	14.57	14.08	15.71	18.61	23.06	26.75	25.29	24.67	23.96	23.28	22.17	21.84	20.84	20.21	23.01	23.29	25.07	29.26	27.83	23.59	19.28	16.91
61762	0.02	0.02	0.02	0.02	0.02	0.23	1.93	2.52	2.41	2.33	2.25	1.92	1.96	1.94	1.72	1.29	1.42	2.24	2.82	3.60	3.38	2.55	1.60	0.34
	-17.59	-15.57	-14.45	-13.96	-15.58	-17.26	-10.14	-12.34	-9.85	-8.04	-4.54	-6.73	-5.68	-6.04	-7.15	-8.38	-12.52	-8.22	-7.35	-9.00	-7.37	-7.15	-8.08	-14.66
MHK VL	3.17	2.91	2.62	2.56	2.88	4.07	12.32	14.31	14.85	15.22	17.11	15.15	14.83	14.26	12.69	11.45	10.63	13.14	14.94	17.14	17.15	14.10	10.39	4.47
61756	0.00	0.00	0.00	0.00	0.00	0.03	0.39	0.49	0.49	0.53	0.64	0.53	0.52	0.49	0.42	0.35	0.30	0.40	0.39	0.47	0.50	0.33	0.21	0.04
	-3.06	-2.81	-2.52	-2.46	-2.77	-2.92	-0.93	-1.93	-1.33	-0.40	0.70	0.01	0.22	0.09	-0.30	-0.58	-1.26	0.09	0.35	-0.02	0.43	0.12	-0.59	-2.52
MILLWD	16.58	15.19	13.63	13.32	15.01	16.93	22.64	25.95	24.69	24.02	23.70	23.08	21.63	21.17	19.99	19.59	21.74	21.89	24.20	28.19	27.02	23.10	19.09	16.90
61759	0.01	0.01	0.01	0.01	0.01	0.14	1.47	1.66	1.88	2.02	2.40	2.05	2.03	1.94	1.69	1.49	1.29	1.92	2.25	2.50	2.56	2.04	1.38	0.27
	-16.46	-15.08	-13.52	-13.21	-14.90	-15.66	-10.18	-12.39	-9.79	-7.70	-4.12	-6.40	-5.07	-5.36	-6.33	-7.56	-11.38	-7.14	-7.05	-9.03	-7.38	-7.17	-8.11	-14.72
N.Y.C.	16.51	15.14	13.58	13.27	14.96	16.88	22.68	26.02	25.81	27.66	27.94	28.49	28.72	27.95	28.08	27.72	27.84	27.71	26.27	28.34	27.23	23.28	19.21	16.87
61761	0.01	0.01	0.01	0.01	0.01	0.15	1.56	1.78	2.06	2.20	2.59	2.22	2.22	2.15	1.86	1.65	1.41	2.10	2.43	2.68	2.78	2.24	1.53	0.29
	-16.40	-15.02	-13.46	-13.16	-14.84	-15.60	-10.14	-12.34	-10.73	-11.16	-8.17	-11.63	-11.97	-11.94	-14.25	-15.54	-17.36	-12.78	-8.94	-9.00	-7.37	-7.16	-8.09	-14.67
NORTH	0.10	0.10	0.10	0.10	0.10	1.05	4.44	9.39	9.57	6.57	5.74	5.58	5.57	5.55	5.42	4.51	4.10	3.71	3.86	5.79	5.82	3.72	3.45	1.76
61755	0.00	-0.01	0.00	-0.01	-0.01	-0.08	-0.71	-0.77	-0.86	-0.94	-1.15	-0.98	-0.99	-0.93	-0.81	-0.72	-0.66	-0.96	-1.10	-1.23	-1.25	-1.10	-0.76	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	5.83	1.73	2.60	6.78	10.29	8.08	7.97	7.39	5.74	5.30	4.31	8.16	9.93	9.64	10.01	9.06	5.39	0.00
NPX	18.11	16.60	14.89	14.55	16.40	18.35	23.09	26.54	24.95	24.06	23.30	23.01	21.45	21.04	20.01	19.80	22.37	21.80	24.10	28.23	26.13	23.07	19.37	18.18
61845	0.01	0.01	0.01	0.01	0.01	0.10	0.98	1.11	1.22	1.34	1.61	1.39	1.38	1.32	1.13	1.00	0.86	1.28	1.49	1.68	1.71	1.33	0.90	0.17
	-18.00	-16.49	-14.78	-14.44	-16.29	-17.13	-11.13	-13.54	-10.70	-8.42	-4.50	-6.98	-5.55	-5.86	-6.92	-8.27	-12.44	-7.68	-7.71	-9.88	-7.34	-7.85	-8.88	-16.11

OH 61846	0.40	0.35	0.33	0.29	0.32	0.42	4.20	5.40	6.50	6.50	5.70	5.00	5.00	5.00	5.00	5.00	7.82	7.60	9.30	9.38	10.00	8.07	4.75	3.00
	0.00	0.00	0.00	0.00	0.00	0.05	0.35	0.45	0.33	0.44	0.60	0.47	0.54	0.56	0.42	0.44	0.31	0.32	0.40	0.50	0.39	0.33	0.28	0.06
	-0.30	-0.25	-0.23	-0.19	-0.22	0.75	7.14	6.94	6.86	8.24	12.08	10.10	10.06	9.42	7.39	5.97	1.56	5.55	6.00	7.78	7.47	6.15	5.12	-1.03
PJM 61847	11.25	10.32	9.26	9.05	10.19	15.60	25.48	29.63	29.40	29.94	32.06	29.48	28.30	27.45	24.92	23.76	23.84	21.33	23.66	27.82	26.37	22.25	17.97	13.28
	0.01	0.01	0.01	0.01	0.01	0.11	1.13	1.24	1.33	1.46	1.73	1.48	1.47	1.43	1.23	1.12	0.93	1.37	1.60	1.80	1.79	1.47	1.01	0.20
	-11.14	-10.20	-9.15	-8.94	-10.08	-14.36	-13.36	-16.50	-15.04	-14.18	-13.15	-13.36	-12.31	-12.16	-11.71	-12.11	-13.84	-7.13	-7.16	-9.36	-7.50	-6.90	-7.36	-11.17
WEST 61752	3.01	2.77	2.49	2.44	2.74	20.00	41.02	50.00	51.93	55.55	64.26	56.00	55.11	53.00	46.23	43.08	38.41	34.00	37.00	46.00	40.95	33.00	27.00	13.02
	0.00	0.00	0.00	0.00	0.00	0.08	0.61	0.78	0.68	0.84	1.10	0.88	0.97	0.97	0.77	0.76	0.58	0.69	0.83	0.98	0.89	0.74	0.57	0.12
	-2.91	-2.66	-2.39	-2.33	-2.63	-18.80	-29.42	-37.32	-38.23	-40.41	-45.98	-40.49	-39.61	-38.16	-33.49	-31.79	-28.76	-20.48	-21.26	-28.36	-22.99	-18.38	-16.84	-10.99