

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/04/2016

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	12.54	10.94	8.77	8.44	8.55	10.43	16.63	16.35	19.48	20.16	21.07	21.71	20.66	20.83	20.47	20.63	21.28	21.78	22.76	24.71	20.52	16.50	12.84	11.77
61757	0.73	0.55	0.48	0.43	0.44	0.73	0.76	0.71	0.70	0.69	0.63	0.64	0.66	0.68	0.68	0.68	0.68	0.65	0.66	0.67	0.69	0.71	0.71	0.65
	-1.73	-2.83	-1.83	-2.15	-2.28	0.00	-5.12	-5.68	-9.18	-9.95	-11.01	-11.72	-10.52	-10.70	-10.30	-10.47	-11.22	-11.80	-12.88	-15.04	-10.67	-5.54	-1.77	-0.61
CENTRL	10.35	7.97	6.73	6.16	6.16	9.82	15.53	15.29	18.05	19.05	20.66	21.20	20.00	20.22	19.69	19.67	19.75	20.15	21.05	22.77	18.92	15.40	12.18	10.69
61754	0.05	0.04	0.03	0.02	0.03	0.13	0.17	0.21	0.17	0.20	0.27	0.24	0.25	0.23	0.23	0.20	0.18	0.18	0.21	0.22	0.16	0.14	0.22	0.11
	-0.23	-0.37	-0.24	-0.28	-0.30	0.00	-4.61	-5.12	-8.28	-9.32	-10.96	-11.61	-10.27	-10.55	-9.97	-10.00	-10.18	-10.64	-11.61	-13.56	-9.62	-4.99	-1.59	-0.08
DUNWOD	12.49	10.62	8.58	8.17	8.24	10.64	17.04	16.68	19.93	20.64	21.59	22.24	21.14	21.30	20.92	21.10	21.79	22.29	23.28	25.22	20.95	17.03	13.24	12.13
61760	1.00	0.75	0.63	0.56	0.55	0.94	1.09	0.95	1.00	0.99	0.97	0.96	0.97	0.96	0.96	0.98	0.99	0.96	0.95	0.93	0.95	1.14	1.07	1.12
	-1.41	-2.31	-1.49	-1.75	-1.86	0.00	-5.21	-5.78	-9.34	-10.12	-11.19	-11.92	-10.70	-10.89	-10.47	-10.65	-11.41	-12.00	-13.10	-15.30	-10.86	-5.63	-1.80	-0.50
GENESE	10.07	7.74	6.55	5.99	5.99	9.71	15.39	15.15	17.87	18.18	18.93	19.32	19.06	19.08	18.84	18.92	19.49	19.99	20.90	22.65	18.73	15.12	11.99	10.37
61753	-0.19	-0.13	-0.11	-0.09	-0.09	0.01	0.01	0.05	-0.03	-0.04	0.09	0.01	0.08	0.01	0.03	-0.03	-0.05	-0.02	0.03	0.05	-0.07	-0.15	0.02	-0.20
	-0.19	-0.31	-0.20	-0.24	-0.25	0.00	-4.63	-5.14	-8.30	-8.69	-9.41	-9.96	-9.51	-9.62	-9.32	-9.48	-10.15	-10.68	-11.65	-13.60	-9.66	-5.01	-1.60	-0.07
H Q	9.85	7.39	6.32	5.73	5.70	9.46	10.98	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26
61844	-0.22	-0.17	-0.14	-0.12	-0.12	-0.24	-0.28	-0.27	-0.26	-0.27	-0.27	-0.27	-0.28	-0.26	-0.27	-0.27	-0.26	-0.26	-0.27	-0.26	-0.25	-0.28	-0.29	-0.24
	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.57	-0.92	-1.00	-1.11	-1.18	-1.06	-1.07	-1.03	-1.05	-1.13	-1.19	-1.30	-1.52	-1.36	-0.28	-0.18	0.00
HUD VL	12.47	10.60	8.57	8.17	8.24	10.60	17.02	16.65	19.92	20.59	21.55	22.19	21.09	21.25	20.88	21.04	21.72	22.24	23.24	25.19	20.90	16.96	13.15	12.09
61758	0.98	0.73	0.61	0.56	0.55	0.90	1.06	0.92	0.99	0.95	0.93	0.93	0.92	0.93	0.92	0.92	0.93	0.91	0.92	0.90	0.91	1.08	0.99	1.09
	-1.42	-2.31	-1.49	-1.76	-1.87	0.00	-5.20	-5.77	-9.33	-10.11	-11.19	-11.91	-10.69	-10.88	-10.46	-10.64	-11.40	-11.99	-13.09	-15.28	-10.85	-5.63	-1.80	-0.50
LONGIL	12.64	10.65	8.61	8.21	8.29	10.68	17.18	16.63	20.04	20.80	21.84	22.49	21.33	21.44	21.08	21.37	24.50	24.32	23.59	26.31	21.16	17.16	13.39	12.07
61762	1.15	0.79	0.65	0.60	0.60	0.98	1.22	0.90	1.10	1.15	1.22	1.22	1.16	1.11	1.12	1.24	1.27	1.26	1.25	1.24	1.16	1.27	1.22	1.07
	-1.42	-2.31	-1.49	-1.76	-1.86	0.00	-5.21	-5.77	-9.34	-10.12	-11.19	-11.92	-10.70	-10.89	-10.47	-10.65	-13.85	-13.74	-13.10	-16.06	-10.86	-5.63	-1.80	-0.49
MHK VL	10.64	8.17	6.91	6.31	6.31	10.00	15.67	15.37	18.04	18.65	19.44	20.00	19.08	19.20	18.89	19.00	19.54	20.01	20.89	22.53	18.85	15.52	12.30	10.93
61756	0.33	0.23	0.20	0.17	0.17	0.30	0.44	0.43	0.36	0.37	0.33	0.34	0.35	0.34	0.37	0.34	0.33	0.35	0.39	0.36	0.36	0.41	0.38	0.35
	-0.23	-0.38	-0.24	-0.29	-0.31	0.00	-4.48	-4.98	-8.07	-8.75	-9.68	-10.30	-9.25	-9.41	-9.03	-9.19	-9.82	-10.33	-11.28	-13.17	-9.34	-4.85	-1.55	-0.08
MILLWD	12.48	10.61	8.58	8.17	8.24	10.63	17.04	16.68	19.94	20.65	21.59	22.24	21.14	21.32	20.91	21.10	21.78	22.28	23.29	25.25	20.95	17.02	13.24	12.13
61759	0.99	0.74	0.62	0.56	0.55	0.93	1.09	0.95	1.01	1.00	0.97	0.97	0.97	0.98	0.95	0.98	0.98	0.95	0.97	0.95	0.95	1.13	1.07	1.12
	-1.42	-2.31	-1.49	-1.76	-1.86	0.00	-5.21	-5.78	-9.34	-10.12	-11.19	-11.92	-10.69	-10.88	-10.47	-10.65	-11.41	-12.00	-13.10	-15.29	-10.85	-5.63	-1.80	-0.50
N.Y.C.	12.58	10.69	8.63	8.21	8.29	10.71	17.13	16.76	20.01	20.71	21.65	22.27	21.21	21.36	21.00	21.17	21.83	22.32	23.32	25.25	21.01	17.15	13.36	12.26
61761	1.09	0.82	0.68	0.60	0.60	1.01	1.17	1.03	1.07	1.07	1.03	1.00	1.03	1.03	1.03	1.04	1.03	0.99	1.00	0.95	1.01	1.26	1.19	1.26
	-1.41	-2.31	-1.49	-1.76	-1.86	0.00	-5.21	-5.78	-9.34	-10.12	-11.19	-11.92	-10.69	-10.88	-10.47	-10.65	-11.41	-12.00	-13.10	-15.29	-10.85	-5.63	-1.80	-0.50
NORTH	9.79	7.36	6.30	5.72	5.70	9.35	11.59	10.96	11.40	11.50	11.60	11.65	11.58	11.60	11.55	11.54	11.53	11.62	11.73	11.98	11.22	11.17	10.36	10.20
61755	-0.28	-0.20	-0.16	-0.13	-0.13	-0.35	-0.29	-0.28	-0.27	-0.28	-0.31	-0.36	-0.28	-0.26	-0.27	-0.30	-0.27	-0.25	-0.27	-0.26	-0.23	-0.28	-0.39	-0.30
	0.00	0.00	0.00	0.00	0.00	0.00	-1.13	-1.28	-2.07	-2.25	-2.49	-2.65	-2.37	-2.42	-2.33	-2.37	-2.41	-2.54	-2.77	-3.24	-2.30	-1.19	-0.38	0.00
NPX	12.45	10.73	8.64	8.27	8.36	10.48	16.78	16.48	19.66	20.35	21.28	21.95	20.85	21.02	20.65	20.82	21.52	22.04	23.00	24.93	21.00	16.43	12.99	11.90
61845	0.80	0.60	0.51	0.46	0.46	0.78	0.85	0.77	0.77	0.75	0.72	0.74	0.73	0.74	0.73	0.75	0.77	0.77	0.74	0.71	0.77	0.85	0.83	0.84
	-1.58	-2.57	-1.66	-1.96	-2.08	0.00	-5.18	-5.75	-9.29	-10.07	-11.14	-11.86	-10.64	-10.83	-10.42	-10.60	-11.36	-11.95	-13.03	-15.22	-11.08	-5.33	-1.79	-0.56

OH 61846	6.67	6.58	6.02	5.78	5.77	5.72	10.30	12.65	14.69	15.21	14.01	14.54	14.30	13.87	14.00	15.02	15.21	16.16	16.91	17.57	15.94	14.47	12.09	7.59
	-0.24	-0.15	-0.13	-0.12	-0.11	-0.04	-0.15	-0.05	-0.13	-0.06	0.19	0.06	0.06	0.06	0.05	-0.06	-0.09	-0.11	-0.04	-0.02	-0.12	-0.20	0.09	-0.17
	3.16	0.83	0.31	-0.05	-0.06	3.94	0.30	-2.74	-5.23	-5.74	-4.40	-5.13	-4.76	-4.36	-4.46	-5.60	-5.91	-6.95	-7.72	-8.59	-6.91	-4.41	-1.62	2.74
PJM 61847	11.27	13.04	11.13	11.10	11.03	10.15	16.20	15.92	18.94	20.32	22.64	23.20	21.62	21.96	21.35	21.19	20.83	21.18	22.16	24.02	20.19	17.08	15.08	11.29
	0.38	0.30	0.25	0.23	0.23	0.46	0.49	0.47	0.46	0.49	0.60	0.52	0.53	0.53	0.52	0.47	0.46	0.44	0.48	0.47	0.44	0.49	0.59	0.50
	-0.81	-5.18	-4.42	-5.02	-4.98	0.00	-4.95	-5.50	-8.88	-10.31	-12.61	-13.33	-11.61	-11.98	-11.34	-11.24	-10.98	-11.42	-12.46	-14.55	-10.61	-6.33	-4.12	-0.28
WEST 61752	10.31	8.00	6.75	6.18	6.19	9.88	15.57	15.42	18.19	22.00	31.00	31.08	29.78	31.00	29.52	27.55	20.85	20.32	21.30	23.06	19.08	15.41	12.37	10.66
	-0.04	0.00	0.00	-0.01	0.01	0.18	0.13	0.25	0.16	0.26	0.53	0.37	0.39	0.38	0.37	0.26	0.21	0.17	0.26	0.26	0.15	0.07	0.37	0.07
	-0.27	-0.44	-0.28	-0.33	-0.35	0.00	-4.70	-5.21	-8.43	-12.22	-21.04	-21.35	-19.91	-21.17	-19.66	-17.82	-11.25	-10.83	-11.81	-13.79	-9.79	-5.08	-1.62	-0.09