

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/25/2016

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	13.76	12.00	11.46	11.19	11.15	14.73	23.87	26.33	26.44	27.67	26.55	25.45	25.11	24.82	23.64	23.21	25.07	26.59	35.31	32.63	27.77	20.73	16.70	15.06
61757	1.00	0.91	0.83	0.74	0.77	1.08	1.29	1.66	1.65	1.72	1.65	1.52	1.52	1.57	1.56	1.53	1.67	1.73	2.30	2.13	1.81	1.27	1.01	0.80
	0.00	0.00	0.00	0.00	0.00	0.03	0.13	0.13	0.16	0.10	0.13	0.16	0.10	0.17	0.14	-0.06	0.13	-0.07	0.42	0.38	0.29	0.15	0.07	0.04
CENTRL	12.89	11.17	10.71	10.50	10.50	13.87	23.22	25.25	25.31	26.64	25.42	24.52	23.97	23.60	22.42	21.77	23.69	25.15	33.71	31.26	26.43	19.87	16.05	14.61
61754	0.13	0.08	0.07	0.05	0.11	0.22	0.63	0.57	0.50	0.49	0.47	0.46	0.36	0.33	0.31	0.26	0.31	0.45	0.70	0.71	0.47	0.41	0.36	0.34
	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.12	0.15	-0.10	0.09	0.02	0.08	0.14	0.12	0.10	0.14	0.09	0.41	0.33	0.29	0.15	0.07	0.04
DUNWOD	14.07	12.22	11.70	11.39	11.35	15.00	24.86	27.21	27.48	28.71	27.68	26.66	26.34	26.06	24.73	25.38	26.58	29.98	36.93	34.12	29.00	21.63	17.27	15.73
61760	1.30	1.13	1.06	0.94	0.97	1.31	2.16	2.41	2.52	2.66	2.65	2.58	2.65	2.65	2.51	2.48	2.66	2.73	3.51	3.24	2.76	2.02	1.51	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	-1.28	-0.39	-2.46	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	12.61	10.94	10.49	10.29	10.30	13.66	23.03	24.90	24.93	25.71	24.84	23.82	23.42	23.09	21.88	21.15	23.15	24.66	33.11	30.59	26.00	19.54	15.93	14.50
61753	-0.15	-0.16	-0.14	-0.16	-0.08	0.00	0.41	0.17	0.08	-0.10	-0.10	-0.07	-0.21	-0.23	-0.27	-0.39	-0.28	-0.07	-0.03	0.00	-0.05	0.04	0.22	0.23
	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.08	0.10	0.24	0.09	0.20	0.05	0.09	0.08	0.07	0.09	0.06	0.28	0.29	0.20	0.10	0.05	0.03
H Q	10.27	10.27	10.24	10.13	10.27	10.27	14.88	17.64	16.37	19.96	18.22	16.05	17.63	14.92	15.02	15.06	14.95	19.88	10.65	10.65	10.65	11.39	11.75	11.86
61844	-0.50	-0.42	-0.39	-0.31	-0.35	-0.55	-0.91	-0.99	-1.00	-1.02	-0.98	-0.94	-0.92	-0.91	-0.87	-0.84	-0.92	-0.99	-1.27	-1.17	-0.97	-0.74	-0.60	-0.54
	2.00	0.40	0.00	0.00	-0.24	2.87	6.92	6.17	7.59	5.07	5.83	7.10	5.14	7.58	6.34	5.70	7.66	3.92	21.50	19.06	14.63	7.47	3.41	1.90
HUD VL	14.03	12.18	11.66	11.38	11.31	14.96	24.82	27.11	27.36	28.55	27.48	26.47	26.11	25.83	24.54	25.00	26.31	29.42	36.83	34.00	28.82	21.53	17.20	15.67
61758	1.26	1.09	1.03	0.93	0.92	1.27	2.11	2.31	2.40	2.50	2.45	2.38	2.42	2.41	2.31	2.29	2.45	2.53	3.41	3.12	2.57	1.92	1.45	1.37
	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	-1.10	-0.33	-2.10	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	14.54	13.25	12.04	11.61	12.94	15.63	25.52	27.61	27.68	28.89	27.95	26.78	26.98	26.51	25.13	25.92	27.12	30.88	38.00	35.02	29.58	22.53	17.71	16.48
61762	1.68	1.43	1.40	1.16	1.29	1.72	2.81	2.80	2.72	2.84	2.93	2.70	3.29	3.09	2.91	3.03	3.20	3.62	4.58	4.14	3.33	2.65	1.95	2.17
	-0.09	-0.73	0.00	0.00	-1.27	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-0.39	-2.47	0.00	0.00	0.00	-0.28	0.00	-0.01
MHK VL	13.02	11.29	10.82	10.62	10.62	13.77	22.58	24.81	24.68	26.29	25.09	23.96	23.85	23.04	21.96	21.44	23.16	25.07	31.91	29.51	25.11	19.25	15.76	14.43
61756	0.26	0.20	0.19	0.18	0.24	0.32	0.70	0.84	0.75	0.86	0.82	0.79	0.74	0.61	0.56	0.47	0.61	0.72	1.37	1.24	0.86	0.67	0.47	0.39
	0.00	0.00	0.00	0.00	0.00	0.23	0.83	0.84	1.03	0.62	0.76	0.92	0.58	0.99	0.82	0.65	0.98	0.44	2.88	2.61	2.01	1.02	0.47	0.26
MILLWD	14.05	12.21	11.70	11.40	11.33	14.99	24.89	27.24	27.51	28.74	27.68	26.66	26.32	26.04	24.71	25.36	26.55	29.96	36.96	34.12	29.00	21.61	17.24	15.70
61759	1.29	1.12	1.06	0.95	0.94	1.30	2.18	2.43	2.55	2.68	2.65	2.58	2.63	2.62	2.49	2.48	2.63	2.73	3.54	3.24	2.76	2.00	1.48	1.40
	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	-1.27	-0.39	-2.44	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	14.21	12.33	11.78	11.47	11.46	15.07	24.93	27.31	27.60	28.84	27.80	26.78	26.48	26.20	24.87	25.51	26.69	30.05	37.03	34.22	29.11	21.74	17.41	15.89
61761	1.44	1.23	1.15	1.02	1.07	1.38	2.23	2.50	2.64	2.79	2.78	2.70	2.79	2.79	2.64	2.61	2.77	2.80	3.61	3.34	2.86	2.14	1.65	1.59
	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	-1.28	-0.39	-2.46	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	11.90	10.38	9.97	9.91	9.80	11.22	15.66	17.52	16.39	19.98	18.07	16.00	18.07	14.99	15.00	15.00	15.00	19.07	12.76	12.18	11.81	11.93	11.89	11.87
61755	-0.87	-0.71	-0.66	-0.53	-0.58	-0.94	-1.57	-1.74	-1.75	-1.77	-1.70	-1.69	-1.61	-1.59	-1.51	-1.47	-1.62	-1.76	-1.77	-1.57	-1.29	-0.96	-0.80	-0.73
	0.00	0.00	0.00	0.00	0.00	1.52	5.48	5.55	6.82	4.30	5.26	6.40	4.01	6.83	5.71	5.14	6.91	3.96	18.89	17.13	13.15	6.72	3.06	1.70
NPX	16.14	13.38	12.94	12.94	12.94	16.79	24.06	27.17	27.37	28.64	27.57	28.96	26.18	28.30	28.07	27.36	27.84	32.90	36.01	34.81	28.77	22.51	20.11	17.63
61845	1.35	1.19	1.12	1.00	1.02	1.40	2.18	2.46	2.52	2.66	2.63	2.53	2.56	2.58	2.47	2.44	2.59	2.68	3.37	3.21	2.73	2.00	1.53	1.40
	-2.02	-1.10	-1.19	-1.49	-1.54	-1.71	0.83	0.09	0.11	0.07	0.09	-2.35	0.07	-2.31	-3.38	-3.31	-1.72	-5.43	0.78	-0.72	0.21	-0.90	-2.83	-1.93

O H 61846	12.65	10.98	10.54	10.32	10.56	14.29	21.11	23.49	23.55	24.52	23.49	23.47	22.09	23.09	21.88	21.22	23.06	25.00	30.77	30.22	24.67	19.49	15.89	14.59
	-0.12	-0.11	-0.10	-0.12	-0.06	0.00	0.43	-0.12	-0.10	-0.26	-0.25	-0.22	-0.33	-0.23	-0.27	-0.32	-0.38	-0.22	-0.60	-0.28	-0.37	-0.02	0.17	0.31
	0.00	0.00	0.00	0.00	-0.24	-0.61	2.03	1.19	1.31	1.27	1.29	0.40	1.27	0.09	0.08	0.07	0.09	-0.43	2.05	0.38	1.21	0.10	0.04	0.02
PJM 61847	21.75	21.20	20.16	20.42	21.99	23.19	33.55	33.93	30.39	31.11	31.77	30.83	29.50	29.44	28.43	27.60	27.94	28.07	34.24	38.84	34.65	28.87	23.99	21.90
	0.59	0.50	0.48	0.41	0.45	0.66	1.32	1.22	1.27	1.28	1.28	1.23	1.18	1.24	1.13	1.10	1.18	1.29	1.57	1.57	1.23	1.02	0.85	0.86
	-8.40	-9.61	-9.05	-9.57	-11.16	-8.85	-9.53	-7.91	-4.16	-3.78	-5.47	-5.52	-4.62	-4.78	-5.07	-4.89	-3.24	-1.99	0.75	-6.38	-7.17	-8.25	-7.38	-6.74
WEST 61752	12.88	11.18	10.72	10.49	10.51	13.94	23.69	25.32	25.54	28.36	25.68	25.58	24.02	23.82	22.55	21.87	23.72	25.20	33.48	31.75	26.43	20.00	16.29	14.95
	0.11	0.09	0.08	0.04	0.13	0.27	1.07	0.59	0.67	0.55	0.53	0.51	0.38	0.49	0.40	0.32	0.28	0.47	0.33	0.65	0.37	0.49	0.58	0.67
	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.08	0.10	-1.76	-0.13	-0.99	0.05	0.09	0.08	0.07	0.09	0.06	0.27	-0.22	0.19	0.10	0.04	0.02