

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/14/2016

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	23.52	22.12	21.51	22.28	22.47	24.25	35.24	33.63	34.31	34.90	35.33	32.93	29.85	28.70	27.55	26.00	25.87	25.94	25.68	30.31	34.80	29.07	24.76	23.35
61757	1.28	1.18	1.13	1.15	1.16	1.18	1.60	1.92	1.99	1.93	1.85	1.79	1.65	1.56	1.47	1.36	1.43	1.43	1.42	1.67	1.98	1.76	1.41	1.35
	0.15	0.13	0.12	0.13	0.14	0.16	0.30	0.22	0.24	0.26	0.25	0.24	0.20	0.19	0.19	0.17	0.16	0.15	0.16	0.21	0.26	0.19	0.14	0.13
CENTRL	22.81	21.52	20.95	21.74	21.94	23.98	35.23	34.70	35.66	34.89	35.38	33.11	30.02	28.73	27.47	26.10	25.04	25.01	24.82	29.68	33.82	27.74	23.89	22.53
61754	0.63	0.63	0.61	0.66	0.69	0.98	1.70	0.99	0.85	0.77	0.78	0.69	0.62	0.57	0.58	0.54	0.39	0.47	0.51	0.61	0.70	0.50	0.59	0.57
	0.21	0.19	0.18	0.19	0.19	0.22	0.41	-1.78	-2.26	-0.89	-0.88	-1.03	-0.99	-0.82	-0.62	-0.75	-0.04	0.13	0.12	-0.23	-0.05	0.26	0.19	0.18
DUNWOD	24.50	23.03	22.29	23.05	23.38	25.06	36.38	34.61	35.32	36.10	36.73	34.30	31.10	29.98	28.79	27.23	27.24	27.31	27.02	31.79	36.41	30.34	25.68	24.31
61760	2.10	1.96	1.78	1.79	1.93	1.83	2.45	2.68	2.77	2.86	3.00	2.92	2.70	2.65	2.52	2.43	2.63	2.64	2.59	2.94	3.34	2.83	2.19	2.17
	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
GENESE	22.11	20.90	20.34	21.11	21.33	23.46	34.42	31.58	31.99	32.41	32.83	30.39	27.46	26.41	25.45	24.02	23.65	23.84	23.64	27.68	31.90	26.49	23.33	21.76
61753	-0.13	-0.04	-0.04	-0.02	0.02	0.39	0.78	-0.13	-0.33	-0.57	-0.64	-0.75	-0.74	-0.74	-0.63	-0.62	-0.79	-0.62	-0.56	-0.61	-0.63	-0.82	-0.02	-0.24
	0.15	0.13	0.13	0.14	0.14	0.16	0.30	0.22	0.24	0.26	0.25	0.24	0.20	0.19	0.19	0.17	0.16	0.21	0.23	0.56	0.54	0.19	0.14	0.13
H Q	10.46	10.33	10.33	10.33	10.33	10.33	10.46	14.20	13.63	12.21	13.48	12.21	12.21	12.21	11.17	11.44	11.35	12.21	11.45	12.21	12.21	12.21	12.21	11.42
61844	-0.94	-0.88	-0.86	-0.89	-0.90	-1.00	-1.49	-1.34	-1.34	-1.36	-1.38	-1.29	-1.17	-1.12	-1.10	-1.04	-1.03	-1.04	-1.03	-1.21	-1.36	-1.13	-0.99	-0.93
	10.99	9.86	9.32	10.04	10.22	11.90	21.99	16.39	17.59	19.66	18.86	17.88	15.03	14.00	14.00	12.32	12.22	11.42	11.95	15.42	19.51	14.16	10.30	9.79
HUD VL	24.30	22.86	22.17	22.95	23.21	24.92	36.25	34.42	35.10	35.76	36.36	33.96	30.82	29.68	28.50	26.93	26.89	26.96	26.72	31.50	36.18	30.03	25.42	24.04
61758	1.90	1.79	1.66	1.68	1.76	1.69	2.31	2.49	2.54	2.52	2.63	2.57	2.41	2.35	2.23	2.13	2.29	2.29	2.30	2.65	3.11	2.53	1.93	1.90
	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
LONGIL	25.01	23.75	22.62	23.52	24.23	25.96	36.24	35.19	36.01	36.65	37.37	34.71	31.05	29.88	28.74	27.23	27.33	27.53	27.41	32.36	37.57	31.13	26.03	24.66
61762	2.62	2.68	2.11	2.25	2.79	2.74	2.31	3.26	3.45	3.42	3.64	3.32	2.64	2.54	2.47	2.43	2.73	2.86	2.98	3.52	4.50	3.63	2.54	2.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	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
MHK VL	22.62	21.32	20.78	21.53	21.70	23.56	34.49	32.48	32.98	33.51	34.12	31.60	28.69	27.64	26.47	25.04	24.79	24.94	24.63	29.15	33.35	27.78	23.88	22.45
61756	0.96	0.91	0.90	0.93	0.94	1.14	2.04	1.82	1.79	1.79	1.85	1.60	1.45	1.39	1.29	1.19	1.13	1.16	1.12	1.50	1.78	1.37	1.08	0.97
	0.74	0.66	0.63	0.68	0.69	0.80	1.48	1.27	1.36	1.52	1.46	1.39	1.16	1.09	1.08	0.95	0.95	0.89	0.93	1.20	1.51	1.10	0.69	0.66
MILLWD	24.52	23.05	22.31	23.10	23.38	25.06	36.49	34.71	35.39	36.13	36.73	34.27	31.07	29.96	28.77	27.21	27.16	27.23	26.97	31.79	36.45	30.34	25.68	24.28
61759	2.13	1.98	1.81	1.83	1.93	1.83	2.55	2.78	2.83	2.89	3.00	2.89	2.67	2.62	2.50	2.40	2.56	2.57	2.54	2.94	3.38	2.83	2.19	2.15
	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
N.Y.C.	24.63	23.08	22.31	23.07	23.38	25.04	36.35	34.64	35.39	36.19	36.86	34.42	31.22	30.12	28.92	27.38	27.36	27.43	27.11	31.84	36.48	30.41	25.73	24.42
61761	2.24	2.00	1.81	1.81	1.93	1.81	2.41	2.71	2.83	2.96	3.14	3.04	2.81	2.79	2.65	2.58	2.75	2.76	2.69	3.00	3.41	2.91	2.23	2.28
	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
NORTH	11.23	10.99	10.97	11.03	11.04	11.22	12.27	15.49	15.00	13.71	15.00	13.53	13.21	13.15	12.04	12.21	12.11	12.91	12.18	13.35	13.69	13.25	12.83	11.96
61755	-1.23	-1.18	-1.13	-1.17	-1.18	-1.25	-1.80	-1.63	-1.66	-1.76	-1.69	-1.70	-1.62	-1.53	-1.58	-1.46	-1.45	-1.43	-1.44	-1.56	-1.75	-1.46	-1.36	-1.33
	9.93	8.90	8.42	9.07	9.23	10.75	19.87	14.81	15.90	17.77	17.04	16.16	13.58	12.65	12.65	11.13	11.04	10.32	10.80	13.94	17.63	12.80	9.30	8.84
NPX	24.09	22.65	21.99	22.78	23.01	25.46	35.87	35.06	34.77	35.46	36.10	36.30	34.57	33.05	31.14	30.35	30.52	31.17	30.80	37.31	41.21	32.96	28.39	25.78
61845	1.70	1.58	1.48	1.51	1.56	1.56	1.93	2.17	2.21	2.23	2.29	2.23	2.05	1.99	1.89	1.81	1.92	1.93	1.91	2.19	2.51	2.20	1.76	1.75
	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	-0.96	0.00	0.00	-0.08	-2.69	-4.12	-3.72	-2.98	-3.74	-4.00	-4.58	-4.47	-6.27	-5.62	-3.26	-3.13	-1.90

OH	16.23	15.58	15.10	15.09	15.18	17.86	23.49	26.84	26.50	23.70	24.60	23.22	22.22	21.45	20.41	19.16	18.71	22.60	22.54	25.60	25.51	24.00	19.02	16.81
61846	0.11	0.23	0.23	0.28	0.34	0.79	1.02	-0.64	-0.98	-1.36	-1.42	-1.22	-1.05	-1.07	-0.79	-0.72	-0.91	-0.76	-0.66	-0.86	-1.19	-1.21	-0.33	-0.24
	6.28	5.73	5.64	6.45	6.61	6.15	11.47	4.45	5.08	8.17	7.71	6.94	5.13	4.82	5.07	4.92	4.98	1.30	1.23	2.38	6.38	2.29	4.14	5.08
PJM	23.73	22.38	21.72	22.50	22.84	24.72	35.90	36.00	37.05	35.90	36.48	34.32	31.20	29.88	28.51	27.19	26.22	26.14	25.98	31.02	35.13	28.83	24.70	23.45
61847	1.48	1.43	1.33	1.36	1.52	1.65	2.24	1.66	1.47	1.33	1.45	1.44	1.39	1.37	1.31	1.31	1.43	1.50	1.56	1.67	1.75	1.51	1.34	1.44
	0.14	0.13	0.12	0.13	0.13	0.15	0.28	-2.41	-3.03	-1.33	-1.30	-1.49	-1.40	-1.18	-0.93	-1.08	-0.19	0.03	0.01	-0.50	-0.31	0.18	0.13	0.12
WEST	22.79	21.60	21.02	21.84	22.07	24.37	35.49	46.07	49.88	40.99	41.23	40.00	36.50	34.10	32.00	31.25	26.00	25.00	25.00	33.00	36.00	26.55	23.55	22.12
61752	0.54	0.65	0.64	0.70	0.75	1.30	1.83	0.00	-0.26	-0.66	-0.71	-0.56	-0.46	-0.52	-0.16	-0.15	-0.42	-0.27	-0.20	-0.29	-0.53	-0.77	0.19	0.11
	0.14	0.13	0.12	0.13	0.13	0.15	0.28	-14.14	-17.59	-8.42	-8.21	-9.18	-8.55	-7.29	-5.89	-6.60	-1.82	-0.60	-0.77	-4.44	-3.46	0.18	0.13	0.13