

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/29/2016

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	23.13	20.87	19.32	17.42	17.30	19.24	19.97	22.94	24.30	25.35	26.98	29.64	31.50	33.05	34.72	35.06	35.61	33.30	30.01	28.49	28.31	27.25	23.88	22.48
61757	1.56	1.43	1.29	1.17	1.13	1.21	1.20	1.25	1.37	1.45	1.44	1.61	1.84	1.90	2.03	2.10	2.32	2.12	1.83	1.69	1.63	1.47	1.29	1.31
	-0.20	-0.17	-0.16	-0.07	-0.02	-0.21	-0.11	-0.09	-0.14	-0.17	-0.24	-0.34	-0.40	-0.46	-0.52	-0.61	-0.07	-0.06	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	21.49	19.35	17.96	16.27	16.25	17.98	18.86	21.92	23.21	24.39	26.47	28.97	30.56	32.33	34.31	34.16	35.18	32.49	29.03	27.44	27.23	26.25	23.02	21.38
61754	0.13	0.08	0.09	0.08	0.10	0.16	0.21	0.32	0.25	0.36	0.38	0.33	0.21	0.12	0.06	0.00	0.17	0.09	0.25	0.37	0.40	0.46	0.43	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.30	-0.79	-0.94	-1.10	-1.52	-2.07	-1.81	-1.80	-1.28	-0.61	-0.27	-0.15	0.00	0.00	0.00
DUNWOD	23.52	21.26	19.63	17.74	17.70	19.51	20.54	23.76	25.19	26.13	27.85	30.58	32.47	34.18	35.84	37.42	38.28	35.80	31.39	29.69	29.48	28.46	24.94	23.48
61760	2.16	1.99	1.75	1.55	1.55	1.69	1.88	2.16	2.39	2.40	2.55	2.88	3.22	3.50	3.67	3.78	4.02	3.73	3.21	2.89	2.80	2.68	2.35	2.31
	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	-1.05	-0.95	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	20.77	18.62	17.30	15.67	15.65	17.39	18.16	21.40	22.45	23.54	25.15	27.42	28.69	29.83	31.21	31.15	32.25	30.09	27.64	26.56	26.41	25.63	22.71	20.85
61753	-0.60	-0.66	-0.57	-0.52	-0.50	-0.43	-0.50	-0.19	-0.34	-0.19	-0.15	-0.28	-0.56	-0.86	-0.96	-1.20	-0.96	-1.03	-0.54	-0.24	-0.27	-0.15	0.11	-0.32
	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
H Q	19.34	17.52	16.26	15.18	15.49	15.85	17.30	20.30	21.11	21.82	22.89	24.56	25.66	26.67	27.73	27.87	31.99	30.00	27.13	25.83	25.77	24.88	21.80	20.43
61844	-0.70	-0.64	-0.59	-0.53	-0.53	-0.59	-0.62	-0.71	-0.75	-0.78	-0.83	-0.91	-0.94	-0.98	-1.03	-1.04	-1.23	-1.12	-1.04	-0.96	-0.91	-0.90	-0.79	-0.74
	1.32	1.11	1.02	0.47	0.13	1.37	0.75	0.59	0.94	1.13	1.57	2.22	2.65	3.03	3.42	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	23.46	21.20	19.57	17.72	17.67	19.45	20.43	23.54	24.96	25.94	27.70	30.38	32.29	34.00	35.68	37.00	37.91	35.46	31.30	29.61	29.37	28.36	24.81	23.37
61758	2.10	1.93	1.70	1.54	1.52	1.64	1.77	1.94	2.17	2.21	2.40	2.69	3.04	3.31	3.51	3.65	3.88	3.61	3.13	2.81	2.69	2.58	2.22	2.20
	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	-1.00	-0.81	-0.73	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	25.98	21.68	20.05	18.11	18.10	19.86	26.30	30.33	34.09	35.09	34.36	37.53	38.49	39.53	41.51	43.21	58.17	43.45	40.82	37.52	35.78	35.55	34.14	32.23
61762	2.71	2.41	2.18	1.93	1.95	2.05	2.35	2.72	2.99	3.04	3.24	3.60	4.01	4.36	4.57	4.66	4.88	4.58	4.06	3.64	3.52	3.38	3.01	2.88
	-1.90	0.00	0.00	0.00	0.00	0.00	-5.29	-6.01	-8.31	-8.32	-5.82	-6.23	-5.23	-4.49	-4.77	-6.20	-20.07	-7.76	-8.59	-7.08	-5.58	-6.40	-8.55	-8.18
MHK VL	21.40	19.28	17.87	16.36	16.49	17.71	18.95	22.08	23.19	24.13	25.61	27.88	29.30	30.61	31.97	32.12	34.27	32.17	29.10	27.65	27.61	26.71	23.27	21.70
61756	0.55	0.44	0.39	0.36	0.39	0.43	0.58	0.71	0.75	0.83	0.91	1.03	1.05	1.07	1.09	1.00	1.00	1.00	0.93	0.86	0.93	0.93	0.68	0.53
	0.52	0.43	0.40	0.18	0.05	0.54	0.29	0.23	0.36	0.43	0.60	0.84	1.01	1.15	1.30	1.23	-0.06	-0.06	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	23.50	21.24	19.63	17.74	17.69	19.47	20.51	23.67	25.10	26.08	27.80	30.52	32.41	34.18	35.84	37.43	38.32	35.81	31.33	29.61	29.46	28.44	24.87	23.41
61759	2.14	1.97	1.75	1.55	1.54	1.66	1.85	2.07	2.30	2.35	2.51	2.83	3.16	3.50	3.67	3.78	4.05	3.73	3.15	2.81	2.77	2.66	2.28	2.24
	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	-1.29	-1.06	-0.96	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	23.74	21.45	19.81	17.89	17.85	19.67	20.72	24.00	25.53	28.83	29.77	32.47	33.98	35.79	36.69	38.06	38.76	36.78	33.20	31.55	31.35	30.53	27.17	23.74
61761	2.37	2.18	1.93	1.70	1.70	1.85	2.05	2.40	2.62	2.63	2.81	3.16	3.48	3.80	3.99	4.08	4.32	4.04	3.49	3.13	3.01	2.94	2.60	2.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-2.46	-1.66	-1.61	-1.25	-1.30	-0.53	-1.64	-1.23	-1.62	-1.53	-1.62	-1.66	-1.81	-1.99	0.00
NORTH	15.56	14.29	13.28	13.69	14.91	11.94	15.05	18.46	18.37	18.57	18.47	18.43	18.37	18.35	18.39	18.45	31.36	29.50	26.71	25.48	25.56	24.62	21.55	20.16
61755	-0.96	-0.91	-0.86	-0.78	-0.76	-0.85	-0.88	-0.99	-1.00	-1.02	-1.09	-1.14	-1.17	-1.26	-1.29	-1.29	-1.86	-1.62	-1.47	-1.31	-1.12	-1.16	-1.04	-1.02
	4.84	4.08	3.74	1.72	0.48	5.02	2.73	2.15	3.42	4.14	5.74	8.13	9.71	11.08	12.50	12.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	22.97	20.78	19.22	17.38	17.35	19.10	20.04	23.11	24.44	25.39	27.02	29.66	31.45	33.05	34.71	35.56	36.52	34.20	30.43	28.81	28.60	27.61	24.20	22.80
61845	1.60	1.50	1.34	1.20	1.20	1.28	1.38	1.51	1.64	1.66	1.72	1.97	2.19	2.36	2.54	2.62	2.82	2.64	2.25	2.01	1.92	1.83	1.60	1.63
	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	-0.59	-0.48	-0.43	0.00	0.00	0.00	0.00	0.00	0.00

OH	20.66	18.67	17.41	15.76	15.73	17.44	18.10	21.08	21.38	22.00	21.72	23.33	23.90	23.65	23.04	22.63	23.85	23.68	24.13	24.73	25.10	25.19	22.52	20.71
61846	-0.70	-0.60	-0.46	-0.42	-0.42	-0.37	-0.56	-0.52	-0.84	-0.74	-0.91	-1.19	-1.64	-1.90	-2.16	-2.39	-2.09	-2.12	-1.52	-0.94	-0.96	-0.59	-0.07	-0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	1.00	2.67	3.18	3.72	5.13	6.97	7.32	7.27	5.32	2.52	1.13	0.63	0.00	0.00	0.00
PJM	22.07	19.96	18.52	16.77	16.73	18.51	19.41	22.42	23.80	25.00	27.35	29.99	31.79	33.88	36.20	36.87	37.90	34.73	30.15	28.25	27.90	26.89	23.63	22.06
61847	0.70	0.69	0.64	0.58	0.58	0.69	0.75	0.82	0.73	0.78	0.76	0.75	0.73	0.71	0.64	0.61	0.90	0.78	0.82	0.94	0.93	1.11	1.04	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.48	-1.29	-1.54	-1.80	-2.49	-3.38	-3.91	-3.79	-2.83	-1.15	-0.52	-0.29	0.00	0.00	0.00
WEST	21.11	19.04	17.75	16.05	16.02	17.82	18.51	21.71	24.62	27.20	34.43	38.37	41.31	47.40	55.08	56.50	57.57	48.21	36.11	30.56	28.66	25.94	23.25	21.19
61752	-0.26	-0.23	-0.12	-0.13	-0.13	0.00	-0.15	0.11	-0.16	0.00	-0.13	-0.36	-0.85	-1.10	-1.32	-1.62	-1.23	-1.37	-0.82	-0.16	-0.19	0.16	0.66	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.98	-3.47	-9.26	-11.03	-12.91	-17.82	-24.22	-25.77	-25.58	-18.46	-8.75	-3.92	-2.17	0.00	0.00	0.00