

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/29/2016

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	26.11	25.75	21.61	19.48	19.40	20.02	22.87	24.97	27.19	29.57	31.61	34.64	36.98	41.00	43.16	43.40	41.71	39.02	36.04	32.34	30.76	28.08	26.64	24.62
61757	1.75	1.52	1.46	1.31	1.29	1.29	1.56	1.61	1.78	2.09	2.15	2.30	2.51	2.64	2.75	2.69	2.69	2.59	2.45	2.26	2.07	1.91	1.70	1.52
	0.00	-3.15	-0.06	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
CENTRL	24.33	21.28	20.00	18.17	18.13	18.83	21.29	23.38	25.56	27.91	30.21	33.45	35.94	40.68	42.96	43.11	41.38	37.69	34.02	30.31	28.90	26.36	25.17	23.18
61754	-0.02	-0.10	-0.08	0.00	0.02	0.09	-0.02	0.02	0.15	0.14	0.15	0.16	0.14	0.23	0.24	0.29	0.28	0.29	0.20	0.21	0.20	0.18	0.22	0.09
	0.00	-0.31	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-0.60	-0.94	-1.33	-2.10	-2.31	-2.11	-2.08	-0.97	-0.23	-0.01	0.00	0.00	0.00	0.00
DUNWOD	27.20	25.80	22.43	20.19	20.10	20.79	23.72	26.02	28.33	30.78	32.99	36.29	38.60	43.07	45.50	46.64	43.86	40.80	37.61	33.81	32.19	29.36	27.89	25.89
61760	2.85	2.49	2.31	2.02	1.99	2.06	2.41	2.66	2.92	3.30	3.53	3.94	4.13	4.72	5.09	5.17	4.84	4.37	4.03	3.73	3.50	3.19	2.94	2.79
	0.00	-2.23	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	23.50	20.49	19.40	17.76	17.68	18.36	20.61	22.59	24.75	26.87	28.66	31.44	33.57	37.36	39.36	39.61	38.05	35.56	32.78	29.36	28.03	25.52	24.65	22.68
61753	-0.85	-0.84	-0.68	-0.42	-0.43	-0.37	-0.70	-0.77	-0.66	-0.80	-0.79	-0.91	-0.90	-1.00	-1.05	-1.10	-0.97	-0.87	-0.81	-0.72	-0.66	-0.65	-0.30	-0.41
	0.00	-0.26	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	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	23.55	20.42	19.43	17.58	17.53	18.22	20.51	22.63	24.55	26.52	28.46	31.25	33.29	36.98	38.91	39.21	37.58	35.12	32.38	29.00	27.69	25.23	24.05	22.31
61844	-0.80	-0.65	-0.64	-0.60	-0.58	-0.64	-0.68	-0.72	-0.86	-0.96	-1.00	-1.10	-1.17	-1.38	-1.49	-1.51	-1.44	-1.31	-1.21	-1.08	-1.01	-0.94	-0.90	-0.79
	0.00	0.00	0.00	0.00	0.00	-0.12	0.12	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
HUD VL	27.03	25.60	22.29	20.10	19.99	20.66	23.57	25.83	28.10	30.56	32.82	36.13	38.50	43.03	45.46	46.42	43.82	40.77	37.58	33.69	32.08	29.21	27.76	25.68
61758	2.68	2.32	2.17	1.93	1.88	1.93	2.26	2.47	2.69	3.08	3.36	3.78	4.03	4.68	5.05	5.13	4.80	4.33	3.99	3.61	3.38	3.03	2.82	2.59
	0.00	-2.20	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	32.39	28.98	24.62	22.69	22.61	23.37	25.93	30.24	34.75	36.16	33.97	37.43	40.52	44.64	46.79	49.15	51.22	49.01	43.11	37.99	35.99	34.47	35.58	28.57
61762	3.77	3.24	3.01	2.67	2.64	2.72	3.20	3.53	3.86	4.34	4.51	5.08	5.37	6.06	6.38	6.68	6.24	5.68	5.17	4.78	4.45	4.13	3.92	3.65
	-4.27	-4.66	-1.53	-1.84	-1.86	-1.92	-1.42	-3.36	-5.48	-4.34	0.00	0.00	-0.68	-0.22	0.00	-1.76	-5.96	-6.89	-4.35	-3.13	-2.85	-4.16	-6.72	-1.83
MHK VL	25.08	21.95	20.59	18.63	18.60	19.24	21.91	24.10	26.25	28.39	30.52	33.48	35.78	39.85	41.82	42.02	40.23	37.63	34.73	31.02	29.64	27.06	25.74	23.78
61756	0.73	0.55	0.50	0.45	0.49	0.51	0.60	0.75	0.84	0.91	1.06	1.13	1.31	1.49	1.41	1.26	1.21	1.20	1.14	0.93	0.95	0.89	0.80	0.69
	0.00	-0.32	-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	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	27.15	25.77	22.39	20.17	20.07	20.76	23.70	25.95	28.25	30.75	32.96	36.32	38.64	43.19	45.62	46.74	43.98	40.84	37.65	33.81	32.16	29.31	27.84	25.84
61759	2.80	2.44	2.27	2.00	1.96	2.02	2.39	2.59	2.85	3.27	3.50	3.98	4.17	4.83	5.21	5.29	4.96	4.41	4.06	3.73	3.47	3.14	2.89	2.75
	0.00	-2.25	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	33.88	26.06	22.66	20.39	20.30	20.98	26.23	28.87	34.19	34.78	36.11	40.82	42.41	46.60	48.67	49.70	47.26	44.59	41.82	38.78	37.76	35.83	30.76	28.55
61761	3.16	2.74	2.53	2.22	2.19	2.25	2.64	2.92	3.20	3.60	3.83	4.27	4.48	5.06	5.37	5.49	5.15	4.66	4.27	4.03	3.79	3.51	3.24	3.10
	-6.37	-2.24	-0.05	0.00	0.00	0.00	-2.27	-2.60	-5.58	-3.70	-2.82	-4.21	-3.47	-3.18	-2.89	-3.49	-3.09	-3.49	-3.97	-4.67	-5.28	-6.15	-2.57	-2.36
NORTH	23.23	20.15	19.15	17.36	17.30	17.80	20.40	22.44	24.27	26.16	28.16	30.92	32.99	36.48	38.30	38.47	36.95	34.65	31.97	28.61	27.37	24.81	23.62	22.01
61755	-1.12	-0.93	-0.92	-0.82	-0.81	-0.94	-0.92	-0.91	-1.14	-1.32	-1.30	-1.42	-1.48	-1.88	-2.10	-2.24	-2.07	-1.78	-1.61	-1.47	-1.32	-1.36	-1.32	-1.08
	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
NPX	26.30	25.55	21.80	19.63	19.54	20.33	22.94	25.20	27.42	29.79	31.87	35.00	37.29	41.54	43.88	44.55	42.34	39.49	36.44	32.67	31.05	28.37	26.94	24.96
61845	1.95	1.73	1.67	1.45	1.43	1.48	1.75	1.84	2.01	2.31	2.42	2.65	2.83	3.18	3.48	3.50	3.31	3.06	2.85	2.59	2.35	2.20	2.00	1.87
	0.00	-2.75	-0.06	0.00	0.00	-0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

O H 61846	22.86	20.18	19.04	17.48	17.35	18.22	20.00	22.00	24.19	24.73	24.92	26.00	26.41	26.80	28.00	29.17	27.62	30.00	30.70	28.52	27.32	24.89	24.20	22.21
	-1.49	-1.24	-1.04	-0.69	-0.76	-0.64	-1.19	-1.36	-1.22	-1.43	-1.68	-1.88	-1.93	-2.11	-2.14	-2.12	-1.87	-1.82	-1.78	-1.50	-1.38	-1.28	-0.75	-0.88
	0.00	-0.35	-0.01	0.00	0.00	-0.12	0.12	0.00	0.00	1.32	2.86	4.47	6.13	9.44	10.26	9.43	9.53	4.61	1.10	0.06	0.00	0.00	0.00	0.00
PJM 61847	24.89	22.78	20.61	18.70	18.60	19.47	21.70	23.89	26.12	28.80	31.41	35.01	37.87	43.43	46.08	46.45	44.38	39.52	35.16	31.22	29.72	27.03	25.87	23.90
	0.54	0.49	0.50	0.53	0.49	0.62	0.51	0.54	0.71	0.80	0.82	0.90	1.00	1.26	1.45	1.51	1.48	1.27	1.14	1.11	1.03	0.86	0.92	0.81
	0.00	-1.22	-0.03	0.00	0.00	-0.12	0.12	0.00	0.00	-0.52	-1.13	-1.76	-2.41	-3.81	-4.22	-4.23	-3.88	-1.82	-0.43	-0.02	0.00	0.00	0.00	0.00
WEST 61752	23.38	20.57	19.40	17.81	17.68	18.45	20.55	22.54	24.83	32.11	40.07	49.29	58.11	74.11	78.47	75.31	75.11	54.11	37.08	29.57	28.03	25.57	24.87	22.75
	-0.97	-0.84	-0.68	-0.36	-0.43	-0.28	-0.77	-0.82	-0.58	-0.69	-0.91	-1.04	-1.00	-1.11	-1.09	-1.06	-0.90	-0.87	-0.94	-0.75	-0.66	-0.60	-0.07	-0.35
	0.00	-0.34	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-5.31	-11.53	-17.98	-24.64	-36.87	-39.15	-35.66	-36.99	-18.55	-4.43	-0.24	0.00	0.00	0.00	0.00