

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/05/2016

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	24.28	22.78	21.47	21.30	22.29	25.33	37.35	36.31	34.76	38.23	39.60	34.54	36.53	33.20	29.81	29.24	29.29	33.69	36.36	40.01	40.90	34.21	24.00	24.97
61757	1.33	1.11	1.11	1.21	1.32	1.59	2.58	2.37	2.54	2.61	2.37	2.37	1.64	1.71	1.45	1.41	1.46	1.26	1.50	2.19	2.73	1.80	1.70	1.17
	-2.47	-4.29	-2.73	-0.93	0.00	0.00	0.08	0.00	0.00	-3.01	-7.64	-2.21	-13.55	-9.90	-9.47	-9.48	-9.06	-16.05	-15.61	-9.71	-4.51	-9.41	0.11	-7.35
CENTRL	21.31	18.40	18.45	19.86	21.64	24.43	37.69	38.02	36.70	36.99	35.01	34.52	26.56	26.24	22.33	21.99	22.39	20.80	23.98	32.68	38.39	27.56	25.33	18.28
61754	0.61	0.52	0.53	0.57	0.67	0.78	1.15	0.64	0.87	0.78	0.71	0.72	0.47	0.50	0.41	0.40	0.41	0.38	0.44	0.73	0.91	0.60	0.54	0.44
	-0.22	-0.50	-0.29	-0.12	0.00	0.09	-1.70	-3.44	-3.61	-3.60	-4.71	-3.84	-4.75	-4.15	-3.04	-3.24	-3.22	-4.05	-4.29	-3.85	-3.81	-3.95	-2.38	-1.39
DUNWOD	25.09	23.12	22.18	22.31	23.50	26.75	39.27	38.14	36.79	39.84	40.35	36.29	35.77	32.96	29.50	28.92	29.03	32.21	35.06	40.27	42.24	34.10	25.50	24.89
61760	2.48	2.12	2.22	2.38	2.54	3.02	4.43	4.21	4.57	4.60	4.26	4.34	3.05	3.02	2.66	2.60	2.65	2.36	2.73	3.96	4.68	3.13	3.09	2.25
	-2.14	-3.62	-2.32	-0.78	0.00	0.00	0.00	0.00	0.00	-2.63	-6.49	-1.98	-11.38	-8.35	-7.96	-7.96	-7.63	-13.47	-13.07	-8.21	-3.89	-7.96	0.00	-6.19
GENESE	20.79	17.88	17.95	19.41	21.22	24.12	33.74	31.00	29.17	30.00	27.13	26.88	20.27	20.21	18.45	17.72	17.99	16.77	19.25	27.09	31.25	21.69	20.31	17.29
61753	0.12	0.09	0.07	0.15	0.25	0.31	0.28	-0.41	0.03	0.00	-0.03	-0.03	-0.15	-0.06	-0.02	-0.05	-0.07	0.00	-0.04	0.06	0.00	-0.07	-0.11	-0.02
	-0.19	-0.41	-0.24	-0.10	0.00	-0.07	1.39	2.53	3.08	2.61	2.44	3.05	0.92	1.32	0.41	0.57	0.69	-0.39	-0.04	1.07	2.42	1.25	1.98	-0.86
H Q	10.25	10.25	10.25	10.25	10.25	10.25	10.25	35.90	30.95	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25
61844	-0.84	-0.71	-0.72	-0.79	-0.86	-0.97	-1.39	-1.05	-1.26	-1.27	-1.15	-1.20	-0.83	-0.86	-0.76	-0.73	-0.75	-0.66	-0.77	-1.13	-1.35	-0.92	-0.90	-0.68
	9.39	6.42	6.66	8.13	9.85	12.51	23.20	-3.02	0.01	21.09	18.19	18.51	10.25	10.48	7.87	7.36	7.76	5.48	8.23	16.73	22.07	11.84	11.26	5.52
HUD VL	25.03	23.05	22.08	22.23	23.44	26.68	39.31	37.84	36.28	39.29	39.75	35.74	35.18	32.41	28.98	28.41	28.54	31.58	34.47	39.72	41.74	33.65	25.14	24.65
61758	2.44	2.08	2.15	2.30	2.47	2.94	4.46	3.90	4.06	4.11	3.79	3.84	2.69	2.63	2.30	2.26	2.31	2.03	2.41	3.54	4.24	2.81	2.73	2.11
	-2.12	-3.59	-2.30	-0.77	0.00	0.00	0.00	0.00	0.00	-2.57	-6.36	-1.94	-11.15	-8.18	-7.80	-7.80	-7.47	-13.17	-12.81	-8.08	-3.83	-7.83	0.00	-6.10
LONGIL	25.61	23.73	23.03	23.18	24.77	28.91	41.71	43.28	41.42	41.31	41.89	37.91	36.50	33.66	30.05	29.47	29.45	32.82	36.01	41.61	44.53	35.85	27.37	25.45
61762	2.99	2.73	3.07	3.24	3.71	4.63	6.87	6.01	6.32	6.00	5.80	5.96	3.78	3.72	3.21	3.16	3.06	2.97	3.62	5.23	5.65	4.14	3.83	2.81
	-2.14	-3.63	-2.33	-0.78	-0.09	-0.54	0.00	-3.33	-2.89	-2.70	-6.50	-1.99	-11.38	-8.35	-7.96	-7.97	-7.63	-13.48	-13.14	-8.28	-5.21	-8.71	-1.13	-6.19
MHK VL	20.73	18.14	18.15	20.03	21.78	24.78	35.91	35.46	33.76	33.18	30.55	29.99	23.13	22.79	20.17	19.63	19.83	18.67	21.46	29.82	34.42	24.41	22.35	17.83
61756	0.80	0.66	0.69	0.73	0.82	1.04	1.78	1.53	1.55	1.50	1.30	1.26	0.85	0.84	0.66	0.64	0.64	0.57	0.73	1.21	1.48	0.97	0.96	0.69
	0.55	-0.10	0.17	-0.14	0.00	0.00	0.72	0.00	0.00	0.93	0.34	1.23	-0.94	-0.36	-0.63	-0.64	-0.43	-1.72	-1.48	-0.51	0.73	-0.44	1.02	-0.69
MILLWD	25.14	23.18	22.22	22.34	23.54	26.78	39.37	38.14	36.76	39.81	40.33	36.26	35.74	32.91	29.43	28.87	29.00	32.15	35.05	40.31	42.34	34.15	25.47	24.90
61759	2.52	2.17	2.26	2.39	2.58	3.04	4.53	4.21	4.54	4.57	4.23	4.32	3.01	2.96	2.59	2.55	2.61	2.31	2.72	3.99	4.78	3.18	3.07	2.25
	-2.14	-3.63	-2.33	-0.78	0.00	0.00	0.00	0.00	0.00	-2.63	-6.50	-1.98	-11.39	-8.35	-7.97	-7.97	-7.64	-13.46	-13.08	-8.22	-3.90	-7.97	0.00	-6.20
N.Y.C.	25.16	23.17	22.28	22.39	23.52	26.76	39.13	37.99	36.99	40.03	40.57	36.55	36.00	33.18	29.69	29.10	29.24	32.39	35.19	40.11	42.03	34.21	25.58	24.98
61761	2.54	2.17	2.33	2.45	2.56	3.08	4.46	4.31	4.80	4.80	4.50	4.61	3.28	3.24	2.85	2.79	2.85	2.54	2.87	4.10	4.78	3.24	3.18	2.33
	-2.14	-3.62	-2.32	-0.77	0.00	0.07	0.18	0.26	0.03	-2.62	-6.48	-1.98	-11.38	-8.35	-7.96	-7.97	-7.63	-13.47	-13.07	-7.90	-3.59	-7.96	0.00	-6.19
NORTH	12.08	12.08	12.10	18.22	19.93	22.65	27.72	32.88	30.86	20.66	16.99	16.63	12.09	12.00	12.00	11.57	10.78	10.62	12.05	19.89	21.79	14.40	13.51	12.02
61755	-1.00	-0.85	-0.86	-0.94	-1.03	-1.09	-1.57	-1.05	-1.35	-1.31	-1.18	-1.29	-0.92	-0.97	-0.85	-0.84	-0.88	-0.75	-0.89	-1.24	-1.48	-1.06	-1.03	-0.81
	7.40	4.45	4.67	0.00	0.01	0.00	5.56	0.00	0.01	10.64	11.42	12.04	8.33	8.62	6.03	5.93	7.09	5.01	6.32	6.98	10.39	7.55	7.86	3.63
NPX	24.70	22.95	21.78	21.76	22.83	25.90	35.00	39.94	35.34	38.78	39.70	35.13	35.94	32.86	29.49	28.89	28.98	32.75	36.08	44.39	41.29	33.97	25.70	24.82
61845	1.86	1.58	1.59	1.74	1.87	2.16	3.17	2.99	3.12	3.29	2.99	3.00	2.13	2.12	1.89	1.82	1.86	1.65	1.94	2.84	3.37	2.26	2.24	1.59
	-2.36	-3.99	-2.56	-0.85	0.00	0.00	3.02	-3.02	0.00	-2.88	-7.12	-2.17	-12.47	-9.15	-8.72	-8.73	-8.36	-14.71	-14.88	-13.45	-4.26	-8.71	-1.05	-6.78

OH 61846	5.95	5.95	5.95	5.95	5.95	6.10	10.00	14.02	13.60	12.90	12.40	12.40	12.00	12.40	12.40	12.40	12.00	13.28	15.00	17.49	18.00	11.40	7.00	5.95
	0.53	0.47	0.46	0.50	0.57	0.52	0.21	-0.51	-0.03	-0.10	0.00	0.06	0.00	0.04	0.06	0.02	0.06	0.02	-0.02	-0.11	-0.20	-0.09	-0.07	0.18
	15.06	11.90	12.14	13.71	15.58	18.16	25.06	19.41	18.59	19.61	17.19	17.62	9.34	9.24	6.53	5.97	6.82	3.12	4.23	10.50	15.47	11.52	15.34	10.68
PJM 61847	23.81	21.47	20.86	21.47	22.89	26.19	37.09	43.75	39.78	41.44	41.46	38.68	35.90	32.80	29.36	27.95	28.24	29.42	32.69	39.50	43.50	33.90	27.51	22.83
	1.88	1.63	1.66	1.78	1.93	2.23	3.07	2.58	3.06	3.00	2.81	2.88	2.01	2.01	1.79	1.74	1.78	1.57	1.85	2.64	3.13	2.12	2.11	1.69
	-1.45	-2.45	-1.58	-0.53	0.00	-0.22	0.82	-7.23	-4.49	-5.83	-9.05	-5.84	-12.56	-9.20	-8.69	-7.86	-7.69	-11.47	-11.59	-8.76	-6.70	-8.78	-3.00	-4.69
WEST 61752	22.00	19.00	19.00	20.36	22.18	26.63	52.00	65.00	68.00	66.00	68.02	67.00	61.00	51.11	46.11	39.11	40.11	36.44	42.41	54.80	67.08	51.00	45.47	22.00
	1.17	1.03	0.99	1.07	1.22	1.23	1.22	0.47	1.03	0.98	1.01	1.08	0.73	0.78	0.70	0.64	0.69	0.57	0.60	0.79	0.81	0.62	0.65	0.66
	-0.35	-0.60	-0.38	-0.13	0.00	-1.66	-15.93	-30.59	-34.75	-32.41	-37.42	-35.96	-38.94	-28.74	-26.53	-20.12	-20.66	-19.48	-22.56	-25.91	-32.60	-27.37	-22.42	-4.89