

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/26/2016

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	21.20	18.39	14.97	12.52	11.29	14.44	19.90	21.84	24.00	25.23	28.34	30.61	31.93	33.57	36.19	36.63	37.90	37.62	33.47	28.50	30.40	26.53	22.75	22.15
61757	0.81	0.74	0.64	0.64	0.68	0.85	1.18	1.45	1.68	1.64	1.92	2.10	2.34	2.48	2.80	2.82	2.96	2.81	2.47	2.02	2.19	1.84	1.60	1.16
	-7.56	-5.48	-3.76	-1.45	0.00	-0.18	-0.85	0.11	0.13	0.15	0.19	0.21	0.01	-0.05	0.00	-0.56	-0.56	0.28	0.24	0.18	0.21	0.16	0.12	-3.87
CENTRL	13.61	12.73	10.91	10.54	10.61	13.42	17.88	21.01	22.92	24.68	28.66	31.17	31.72	33.72	36.53	36.40	37.45	35.90	32.16	27.82	28.78	25.31	21.19	17.54
61754	0.00	0.00	-0.06	-0.05	0.00	0.04	0.02	0.12	0.11	0.21	0.13	0.23	0.06	0.12	0.10	0.10	0.10	0.18	0.28	0.21	0.28	0.20	0.09	0.09
	-0.78	-0.56	-0.40	-0.16	0.00	0.03	0.01	-0.39	-0.36	-0.73	-1.92	-2.22	-2.06	-2.55	-3.04	-3.05	-2.97	-0.63	-0.63	-0.96	-0.08	-0.26	0.17	-0.34
DUNWOD	20.39	18.00	14.76	12.76	11.82	15.11	20.81	22.99	25.14	26.63	29.91	32.29	35.51	37.91	40.34	46.20	47.66	39.54	34.90	29.85	31.69	27.76	23.78	22.31
61760	1.56	1.50	1.23	1.19	1.21	1.53	2.22	2.50	2.69	2.90	3.30	3.56	3.64	3.82	4.07	4.12	4.26	4.32	3.65	3.20	3.27	2.91	2.51	2.14
	-5.99	-4.34	-2.96	-1.14	0.00	-0.17	-0.73	0.00	0.00	0.00	0.00	0.00	-2.28	-3.05	-2.89	-8.83	-9.02	-0.13	0.00	0.00	0.00	0.00	0.00	-3.06
GENESE	13.09	12.29	10.51	10.19	10.36	13.10	17.37	20.12	22.07	23.68	26.94	29.30	29.98	31.79	34.38	33.95	34.97	34.09	30.65	26.21	27.91	24.43	20.69	17.05
61753	-0.36	-0.33	-0.38	-0.37	-0.25	-0.30	-0.50	-0.61	-0.60	-0.52	-0.90	-0.86	-1.12	-1.12	-1.23	-1.53	-1.58	-1.47	-1.06	-1.15	-0.57	-0.62	-0.47	-0.33
	-0.62	-0.45	-0.32	-0.12	0.00	0.02	0.00	-0.25	-0.23	-0.46	-1.24	-1.43	-1.51	-1.87	-2.23	-2.23	-2.17	-0.47	-0.47	-0.70	-0.06	-0.20	0.12	-0.27
H Q	10.25	10.25	10.25	10.12	10.25	10.29	11.01	11.17	11.19	11.12	10.61	10.69	10.58	10.40	10.37	10.27	10.26	10.25	10.47	10.83	10.63	10.95	10.93	11.01
61844	-0.46	-0.43	-0.32	-0.31	-0.36	-0.47	-0.63	-0.72	-0.81	-0.85	-0.96	-1.03	-1.06	-1.12	-1.20	-1.20	-1.24	-1.26	-1.12	-0.96	-1.02	-0.89	-0.75	-0.60
	2.12	1.49	0.00	0.00	0.00	2.65	6.23	8.60	10.44	11.76	15.04	17.00	17.96	19.52	21.82	21.78	22.88	23.58	19.65	14.87	16.76	13.01	9.60	5.50
HUD VL	20.25	17.89	14.68	12.71	11.77	15.04	20.72	22.89	25.05	26.54	29.83	32.17	35.00	37.21	39.70	44.41	45.83	39.44	34.90	29.80	31.60	27.68	23.66	22.11
61758	1.49	1.42	1.17	1.15	1.16	1.46	2.13	2.40	2.60	2.80	3.22	3.45	3.58	3.72	4.00	4.09	4.23	4.24	3.65	3.14	3.18	2.83	2.38	1.98
	-5.94	-4.30	-2.94	-1.13	0.00	-0.17	-0.72	0.00	0.00	0.00	0.00	0.00	-1.82	-2.45	-2.31	-7.08	-7.22	-0.10	0.00	0.00	0.00	0.00	0.00	-3.02
LONGIL	24.32	21.59	17.82	16.79	17.49	21.26	25.21	28.40	31.06	36.74	42.69	47.56	55.07	65.00	66.19	74.51	90.00	63.00	39.23	33.60	36.99	32.13	24.89	23.37
61762	1.95	1.85	1.54	1.49	1.51	1.90	2.75	3.03	3.32	3.58	4.04	4.31	4.38	4.59	4.94	4.99	5.16	5.30	4.60	4.00	4.24	3.65	3.11	2.65
	-9.54	-7.57	-5.71	-4.87	-5.37	-5.95	-4.59	-4.88	-5.30	-9.42	-12.04	-14.53	-21.09	-29.36	-27.87	-36.27	-50.47	-22.61	-3.38	-2.94	-4.33	-3.62	-0.51	-3.61
MHK VL	13.88	12.98	11.27	10.83	10.84	13.42	17.80	20.20	21.99	23.25	25.80	27.81	28.77	30.11	32.19	32.36	33.35	33.38	29.97	25.76	27.39	24.17	20.89	17.44
61756	0.32	0.28	0.22	0.21	0.23	0.32	0.52	0.70	0.74	0.85	0.91	1.03	1.06	1.09	1.10	1.03	1.10	1.05	1.03	0.85	0.94	0.85	0.74	0.50
	-0.73	-0.53	-0.48	-0.19	0.00	0.31	0.59	0.98	1.19	1.34	1.72	1.94	1.89	2.02	2.29	1.92	2.13	2.76	2.31	1.74	1.97	1.53	1.13	0.16
MILLWD	20.37	17.98	14.74	12.74	11.79	15.07	20.73	22.91	25.07	26.54	29.80	32.20	35.45	37.88	40.37	46.27	47.72	39.57	34.93	29.83	31.66	27.73	23.76	22.29
61759	1.53	1.46	1.19	1.16	1.18	1.49	2.13	2.42	2.62	2.80	3.19	3.47	3.58	3.79	4.11	4.19	4.33	4.35	3.69	3.17	3.24	2.88	2.49	2.10
	-6.01	-4.36	-2.98	-1.15	0.00	-0.17	-0.73	0.00	0.00	0.00	0.00	0.00	-2.28	-3.05	-2.89	-8.83	-9.01	-0.13	0.00	0.00	0.00	0.00	0.00	-3.08
N.Y.C.	20.53	18.11	14.83	12.83	11.89	15.19	20.96	23.13	25.25	26.80	30.15	32.52	35.72	38.13	40.55	45.92	47.31	39.55	35.00	30.07	31.83	27.98	23.93	22.50
61761	1.71	1.61	1.30	1.25	1.28	1.61	2.36	2.64	2.81	3.06	3.54	3.79	3.85	4.03	4.27	4.22	4.33	4.56	3.84	3.41	3.41	3.13	2.66	2.33
	-5.99	-4.34	-2.97	-1.14	0.00	-0.17	-0.73	0.00	0.00	0.00	0.00	0.00	-2.28	-3.05	-2.89	-8.45	-8.59	0.10	0.09	0.00	-0.01	0.00	0.00	-3.06
NORTH	10.35	10.31	10.20	10.06	10.19	10.26	11.73	11.95	12.06	12.09	11.94	12.14	12.12	12.06	12.20	12.14	12.11	12.19	12.07	12.01	11.98	11.99	11.76	11.45
61755	-0.56	-0.51	-0.37	-0.38	-0.42	-0.55	-0.70	-0.80	-0.99	-1.07	-1.14	-1.29	-1.30	-1.40	-1.54	-1.50	-1.58	-1.58	-1.41	-1.20	-1.28	-1.09	-0.83	-0.68
	1.92	1.35	0.00	0.00	0.00	2.60	5.44	7.74	9.39	10.58	13.53	15.30	16.17	17.58	19.64	19.62	20.69	21.33	17.77	13.44	15.16	11.77	8.69	4.97
NPX	20.69	18.10	14.79	12.57	11.48	14.94	20.00	22.23	24.35	25.66	28.87	31.08	33.11	35.06	37.56	40.10	41.41	38.10	33.81	28.84	30.75	26.86	23.08	22.10
61845	1.03	0.99	0.85	0.83	0.87	1.11	1.52	1.74	1.91	1.92	2.26	2.36	2.49	2.64	2.87	2.86	2.96	2.95	2.56	2.19	2.33	2.01	1.81	1.45
	-6.83	-4.95	-3.38	-1.30	0.00	-0.42	-0.61	0.00	0.00	0.00	0.00	0.00	-1.03	-1.38	-1.30	-3.99	-4.07	-0.06	0.00	0.00	0.00	0.00	0.00	-3.53

OH	13.20	12.38	10.49	10.11	10.22	13.12	16.90	17.22	19.00	18.73	16.02	16.71	18.80	18.35	18.39	18.35	19.55	28.74	25.84	20.63	25.53	21.66	20.01	16.79
61846	-0.49	-0.41	-0.52	-0.49	-0.39	-0.50	-0.79	-0.86	-0.99	-0.90	-1.14	-1.12	-1.72	-1.68	-1.97	-1.86	-1.99	-2.18	-1.53	-1.31	-1.28	-1.19	-1.15	-0.70
	-0.86	-0.62	-0.44	-0.17	0.00	-0.21	0.18	2.41	2.45	4.11	9.45	10.89	9.08	11.02	13.02	13.04	12.83	4.18	3.88	4.72	1.61	2.00	0.11	-0.38
PJM	17.63	15.85	13.14	11.78	11.25	14.53	19.21	22.49	24.49	26.40	31.08	33.85	36.00	38.78	41.86	45.30	46.46	38.52	34.38	29.98	30.49	26.96	22.33	20.15
61847	0.82	0.80	0.59	0.58	0.64	0.82	1.14	1.35	1.41	1.52	1.65	1.87	1.63	1.74	1.77	1.96	1.99	2.00	1.84	1.60	1.68	1.49	1.17	1.08
	-3.98	-2.88	-1.98	-0.76	0.00	-0.30	-0.20	-0.65	-0.63	-1.15	-2.82	-3.26	-4.78	-6.00	-6.70	-10.09	-10.09	-1.42	-1.29	-1.72	-0.39	-0.62	0.11	-1.96
WEST	13.41	12.59	10.65	10.28	10.41	13.17	17.54	29.56	31.50	39.63	64.00	72.00	68.74	78.95	90.00	90.00	90.00	51.13	46.80	46.47	34.04	32.50	20.54	17.10
61752	-0.24	-0.17	-0.34	-0.31	-0.20	-0.23	-0.36	-0.29	-0.36	-0.21	-0.37	-0.29	-0.89	-0.81	-1.07	-1.00	-1.13	-1.37	-0.75	-0.64	-0.57	-0.57	-0.62	-0.38
	-0.82	-0.60	-0.42	-0.16	0.00	0.01	-0.03	-9.36	-9.42	-16.11	-37.76	-43.56	-40.03	-48.72	-57.69	-57.75	-56.75	-17.41	-16.30	-20.45	-6.19	-8.22	0.12	-0.37