

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/26/2017

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	19.86	19.44	17.94	16.56	16.42	16.73	24.77	29.31	30.75	31.89	32.92	30.32	28.59	28.14	26.79	25.40	28.08	30.09	29.27	32.96	34.50	26.29	21.87	22.85
61757	0.62	0.56	0.56	0.67	0.77	0.86	1.31	1.50	1.68	1.69	1.70	1.55	1.46	1.44	1.37	1.30	1.49	1.62	1.63	1.87	1.92	1.44	1.29	0.82
	-7.39	-8.09	-6.60	-2.78	-1.06	-0.14	0.00	0.00	-0.16	-0.08	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	0.00	0.00	-0.17	-7.15
CENTRL	12.70	11.71	11.55	13.51	14.84	15.93	23.88	28.39	29.35	30.57	31.47	29.23	27.56	27.10	25.80	24.44	26.99	28.89	28.11	31.15	33.13	25.19	20.64	15.84
61754	0.11	0.12	0.11	0.12	0.15	0.19	0.42	0.58	0.43	0.45	0.49	0.46	0.43	0.40	0.38	0.34	0.40	0.43	0.47	0.46	0.55	0.35	0.23	0.25
	-0.74	-0.81	-0.66	-0.28	-0.11	-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	0.00	0.00	0.00	-0.71
DUNWOD	18.37	17.67	16.57	16.48	16.94	17.55	26.06	30.98	32.44	33.79	34.82	32.31	30.43	29.98	28.52	27.04	29.84	31.88	30.98	34.37	36.49	27.85	22.89	21.56
61760	1.35	1.23	1.18	1.43	1.60	1.73	2.60	3.17	3.53	3.67	3.84	3.54	3.31	3.28	3.10	2.94	3.24	3.41	3.38	3.68	3.91	3.01	2.47	1.72
	-5.16	-5.66	-4.61	-1.94	-0.74	-0.09	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	-4.96
GENESE	12.42	11.44	11.29	13.28	14.61	15.74	23.71	28.20	28.88	30.12	31.01	28.86	27.29	26.81	25.55	24.18	26.76	28.58	27.75	30.69	32.78	24.90	20.38	15.58
61753	-0.02	0.00	-0.02	-0.05	-0.06	0.00	0.26	0.39	-0.03	0.00	0.03	0.09	0.16	0.11	0.13	0.07	0.16	0.11	0.11	0.00	0.20	0.05	-0.04	0.13
	-0.59	-0.65	-0.53	-0.22	-0.09	-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	0.00	0.00	0.00	-0.57
H Q	11.48	10.44	10.43	12.69	14.12	17.10	16.12	25.00	25.00	18.10	18.10	18.10	18.10	18.10	18.10	18.10	18.10	21.48	26.51	27.09	31.28	23.95	18.00	13.37
61844	-0.38	-0.35	-0.35	-0.42	-0.47	-0.52	-0.80	-0.89	-0.95	-0.99	-1.02	-0.95	-0.89	-0.88	-0.81	-0.77	-0.85	-0.91	-1.02	-1.14	-1.20	-0.89	-0.78	-0.58
	0.00	0.00	0.00	0.00	0.00	-1.89	6.54	1.92	2.96	11.02	11.86	9.72	8.13	7.72	6.51	5.23	7.64	6.07	0.11	2.47	0.10	0.00	1.64	0.92
HUD VL	18.19	17.51	16.45	16.36	16.81	17.40	25.85	30.61	32.01	33.34	34.35	31.91	30.00	29.56	28.12	26.66	29.41	31.45	30.57	33.94	36.00	27.48	22.62	21.35
61758	1.22	1.12	1.10	1.32	1.49	1.57	2.39	2.81	3.10	3.22	3.38	3.14	2.87	2.86	2.69	2.55	2.82	2.99	2.93	3.25	3.42	2.63	2.21	1.56
	-5.11	-5.60	-4.57	-1.92	-0.74	-0.09	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	-4.91
LONGIL	22.19	18.19	16.99	17.02	17.59	18.32	28.88	33.12	34.70	35.83	36.19	34.10	32.47	32.08	30.49	29.27	31.98	33.68	32.91	35.73	37.79	30.52	25.52	24.04
61762	1.93	1.73	1.59	1.97	2.26	2.48	3.59	4.37	4.74	4.91	5.14	4.78	4.42	4.38	4.15	3.95	4.36	4.58	4.48	4.91	5.21	4.13	3.31	2.38
	-8.40	-5.67	-4.61	-1.94	-0.74	-0.10	-1.83	-0.95	-1.05	-0.80	-0.07	-0.56	-0.92	-1.00	-0.93	-1.21	-1.03	-0.63	-0.80	-0.13	-1.55	-1.80	-6.79	
MHK VL	12.72	11.73	11.56	13.55	14.87	15.98	23.92	28.20	29.09	30.41	31.03	29.09	27.42	26.91	25.62	24.27	26.76	28.75	28.33	30.39	33.46	25.44	20.40	15.79
61756	0.12	0.12	0.11	0.16	0.18	0.24	0.47	0.39	0.37	0.39	0.34	0.32	0.30	0.21	0.20	0.17	0.16	0.28	0.69	0.74	0.88	0.60	0.41	0.34
	-0.75	-0.82	-0.67	-0.28	-0.11	-0.01	0.00	0.00	0.19	0.10	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00	0.00	0.43	-0.57
MILLWD	18.42	17.75	16.64	16.50	16.93	17.51	26.01	30.95	32.38	33.70	34.76	32.25	30.38	29.93	28.47	26.95	29.76	31.79	30.90	34.31	36.46	27.78	22.83	21.58
61759	1.32	1.22	1.18	1.42	1.59	1.68	2.56	3.14	3.47	3.58	3.78	3.48	3.25	3.23	3.05	2.84	3.16	3.33	3.26	3.62	3.88	2.93	2.41	1.67
	-5.25	-5.75	-4.69	-1.97	-0.76	-0.10	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	-5.04
N.Y.C.	18.51	17.75	16.64	16.56	17.04	17.66	26.20	31.24	38.06	39.15	38.50	38.27	38.12	37.71	37.25	36.97	37.50	37.89	36.78	36.48	36.86	32.38	26.36	21.69
61761	1.48	1.30	1.25	1.51	1.71	1.84	2.74	3.42	3.73	3.89	4.09	3.80	3.52	3.50	3.30	3.16	3.46	3.64	3.57	3.96	4.20	3.21	2.63	1.84
	-5.17	-5.65	-4.61	-1.94	-0.74	-0.09	0.00	-0.01	-5.42	-5.15	-3.43	-5.71	-7.47	-7.51	-8.52	-9.71	-7.45	-5.78	-5.57	-1.83	-0.07	-4.32	-3.30	-4.97
NORTH	11.20	10.20	10.22	12.46	13.84	14.87	22.24	26.47	22.54	26.02	22.23	27.24	25.68	25.30	24.15	22.90	25.24	27.04	26.06	17.99	30.76	23.50	14.65	12.37
61755	-0.65	-0.58	-0.56	-0.66	-0.74	-0.87	-1.22	-1.33	-1.53	-1.60	-1.64	-1.53	-1.44	-1.39	-1.27	-1.20	-1.36	-1.42	-1.57	-1.78	-1.82	-1.34	-1.22	-0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.84	2.50	7.11	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	10.92	0.00	0.00	4.54	1.57
NPX	19.10	18.54	17.26	16.54	16.70	19.04	23.46	29.98	31.31	32.59	33.49	31.10	29.30	28.89	27.48	26.08	28.78	30.80	29.93	33.30	35.25	26.91	22.23	22.14
61845	0.98	0.89	0.88	1.08	1.21	1.30	1.90	2.17	2.40	2.47	2.51	2.33	2.17	2.19	2.06	1.98	2.18	2.33	2.29	2.61	2.67	2.06	1.82	1.25
	-6.26	-6.86	-5.60	-2.35	-0.90	-2.01	1.89	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	-6.02

O H 61846	12.25 -0.39 -0.79	11.35 -0.30 -0.86	11.15 -0.33 -0.71	12.94 -0.47 -0.30	14.15 -0.55 -0.11	16.99 -0.65 -1.91	20.64 -0.82 1.99	26.75 -1.06 0.00	27.29 -1.62 0.00	28.43 -1.69 0.00	27.52 -1.61 1.85	25.00 -1.50 2.27	25.00 -1.38 0.74	25.00 -1.36 0.34	23.88 -1.25 0.30	22.57 -1.23 0.30	25.29 -1.30 0.00	27.01 -1.45 0.00	26.23 -1.41 0.00	29.03 -1.66 0.00	30.56 -1.92 0.10	23.48 -1.37 0.00	19.35 -1.06 0.00	15.20 -0.43 -0.76
PJM 61847	15.00 0.40 -2.74	14.19 0.40 -3.00	13.60 0.38 -2.45	14.55 0.41 -1.03	15.43 0.45 -0.39	18.13 0.46 -1.94	22.31 0.75 1.89	28.75 0.95 0.00	29.72 0.81 0.00	30.93 0.81 0.00	31.91 0.93 0.00	29.61 0.83 0.00	27.91 0.79 0.00	27.47 0.77 0.00	26.18 0.76 0.00	24.80 0.70 0.00	27.39 0.80 0.00	29.29 0.83 0.00	28.47 0.83 0.00	31.55 0.86 0.00	33.46 0.88 0.00	25.52 0.67 0.00	21.01 0.59 0.00	18.07 0.57 -2.63
WEST 61752	12.43 -0.19 -0.76	11.51 -0.12 -0.84	11.30 -0.16 -0.68	13.13 -0.28 -0.29	14.39 -0.31 -0.11	15.38 -0.36 -0.01	23.18 -0.28 0.00	27.42 -0.39 0.00	28.07 -0.84 0.00	29.27 -0.84 0.00	30.30 -0.68 0.00	28.14 -0.63 0.00	26.56 -0.57 0.00	26.17 -0.53 0.00	24.94 -0.48 0.00	23.57 -0.53 0.00	25.96 -0.64 0.00	27.64 -0.83 0.00	26.81 -0.83 0.00	29.71 -0.98 0.00	31.34 -1.24 0.00	24.00 -0.84 0.00	19.78 -0.63 0.00	15.46 -0.15 -0.73