

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/20/2017

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	29.10	24.68	22.50	22.24	22.49	25.27	28.88	36.80	31.44	33.18	29.68	28.34	27.58	27.46	27.43	27.16	27.64	31.34	32.59	36.56	35.55	30.34	28.46	28.48
61757	0.36	0.37	0.37	0.36	0.37	0.50	1.03	1.05	1.84	1.92	1.72	1.64	1.47	1.37	1.30	1.16	1.39	1.69	1.69	1.64	2.15	1.23	0.78	0.35
	-22.24	-17.80	-15.63	-15.39	-15.63	-15.94	-10.17	-17.36	0.09	-0.32	0.23	0.22	-2.03	-3.29	-4.80	-6.73	-3.54	-2.84	-4.15	-9.33	0.11	-9.56	-14.92	-21.23
CENTRL	8.93	8.48	8.23	8.18	8.22	10.64	19.07	20.55	30.15	31.40	28.83	27.53	24.84	23.65	22.28	20.31	23.59	27.42	27.56	27.21	34.42	21.00	14.48	9.23
61754	0.09	0.10	0.08	0.07	0.08	0.13	0.30	0.31	0.27	0.28	0.31	0.30	0.19	0.18	0.19	0.15	0.20	0.27	0.29	0.31	0.37	0.29	0.15	0.10
	-2.33	-1.87	-1.64	-1.62	-1.64	-1.67	-1.08	-1.85	-0.19	-0.18	-0.33	-0.32	-0.57	-0.67	-0.75	-0.89	-0.67	-0.34	-0.51	-1.32	-0.54	-1.16	-1.57	-2.23
DUNWOD	24.49	21.05	19.36	19.15	19.34	22.19	27.79	34.18	37.73	38.78	38.81	37.16	35.96	34.69	32.87	30.60	34.54	33.81	35.04	43.00	48.92	32.76	26.03	24.20
61760	0.78	0.77	0.76	0.75	0.75	1.02	2.23	3.35	3.98	4.15	3.75	3.58	3.23	3.06	2.88	2.62	3.09	3.65	3.64	3.51	4.52	2.70	1.71	0.88
	-17.21	-13.77	-12.10	-11.91	-12.10	-12.33	-7.87	-13.44	-4.06	-3.69	-6.88	-6.66	-8.65	-8.83	-8.65	-8.72	-8.74	-3.35	-4.64	-13.91	-10.89	-10.52	-11.55	-16.43
GENESE	8.22	7.88	7.67	7.61	7.65	9.98	18.24	19.52	28.89	30.03	27.62	26.38	23.80	22.59	21.23	19.34	22.55	26.24	26.38	25.99	33.05	20.11	13.76	8.55
61753	-0.09	-0.08	-0.10	-0.13	-0.12	-0.16	-0.28	-0.29	-0.95	-1.05	-0.82	-0.78	-0.72	-0.73	-0.68	-0.62	-0.68	-0.83	-0.78	-0.61	-0.87	-0.33	-0.22	-0.08
	-1.81	-1.45	-1.27	-1.25	-1.27	-1.30	-0.83	-1.43	-0.15	-0.14	-0.25	-0.24	-0.44	-0.51	-0.58	-0.68	-0.52	-0.26	-0.39	-1.02	-0.41	-0.90	-1.22	-1.73
H Q	6.28	6.28	6.28	6.28	6.28	8.54	17.05	17.71	28.28	26.78	27.17	21.11	21.11	21.06	19.69	18.27	21.15	23.48	25.74	24.62	32.27	18.76	12.29	6.66
61844	-0.22	-0.23	-0.22	-0.21	-0.21	-0.29	-0.64	-0.68	-1.07	-1.11	-1.01	-0.97	-0.87	-0.82	-0.77	-0.69	-0.82	-0.99	-1.02	-0.97	-1.24	-0.78	-0.47	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	3.05	0.00	4.84	2.10	0.93	0.87	0.31	0.75	2.34	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	24.43	21.00	19.30	19.11	19.30	22.12	27.64	34.00	36.93	38.00	37.80	36.18	35.00	33.82	32.12	30.00	33.65	33.31	34.57	42.10	47.58	32.24	25.89	24.13
61758	0.72	0.72	0.70	0.70	0.70	0.95	2.07	2.15	3.56	3.71	3.38	3.23	2.91	2.76	2.58	2.33	2.75	3.27	3.29	3.20	4.15	2.44	1.57	0.80
	-17.21	-13.78	-12.10	-11.92	-12.10	-12.34	-7.88	-13.46	-3.68	-3.35	-6.23	-6.04	-8.01	-8.26	-8.20	-8.40	-8.19	-3.23	-4.52	-13.32	-9.92	-10.25	-11.56	-16.44
LONGIL	24.74	21.27	19.56	19.40	19.60	22.53	28.61	35.50	39.13	40.25	40.14	38.47	37.12	35.85	33.97	32.52	35.71	35.17	36.56	44.12	50.06	34.38	27.90	24.49
61762	1.03	0.99	0.97	1.01	1.02	1.37	3.04	3.22	5.26	5.45	4.93	4.71	4.21	3.99	3.73	3.41	4.04	4.77	4.79	4.60	5.66	3.60	2.27	1.17
	-17.20	-13.77	-12.09	-11.90	-12.09	-12.32	-7.87	-13.90	-4.18	-3.85	-7.02	-6.84	-8.83	-9.05	-8.90	-9.84	-8.95	-3.58	-5.01	-13.92	-10.88	-11.24	-12.86	-16.42
MHK VL	9.48	8.93	8.63	8.58	8.63	11.08	19.38	21.02	30.91	31.27	29.71	28.38	25.73	24.48	22.70	20.81	24.09	27.25	28.08	28.12	35.66	21.54	14.82	9.78
61756	0.11	0.12	0.11	0.11	0.12	0.19	0.46	0.53	0.86	0.93	0.73	0.70	0.58	0.55	0.51	0.42	0.50	0.67	0.64	0.59	0.84	0.45	0.24	0.11
	-2.87	-2.30	-2.02	-1.99	-2.02	-2.06	-1.23	-2.10	-0.35	0.60	-0.79	-0.77	-1.07	-1.13	-0.86	-1.12	-0.87	0.24	-0.68	-1.94	-1.31	-1.54	-1.82	-2.77
MILLWD	24.58	21.13	19.42	19.22	19.40	22.24	27.80	34.23	37.56	38.58	38.64	37.00	35.81	34.57	32.75	30.51	34.40	33.68	34.95	42.88	48.74	32.69	26.05	24.28
61759	0.75	0.75	0.75	0.74	0.73	0.99	2.18	2.30	3.86	3.99	3.66	3.50	3.15	2.99	2.79	2.52	3.00	3.51	3.53	3.40	4.46	2.60	1.65	0.83
	-17.32	-13.86	-12.18	-11.99	-12.18	-12.41	-7.93	-13.55	-4.01	-3.65	-6.80	-6.58	-8.58	-8.78	-8.63	-8.72	-8.69	-3.35	-4.65	-13.89	-10.77	-10.54	-11.64	-16.54
N.Y.C.	24.54	21.10	19.39	19.18	19.37	22.23	27.91	34.71	41.81	45.74	45.59	45.46	44.17	44.72	43.98	44.58	44.01	43.82	44.02	44.70	49.20	37.74	29.83	24.26
61761	0.84	0.83	0.81	0.79	0.79	1.08	2.35	2.50	4.19	4.36	3.98	3.80	3.42	3.24	3.03	2.78	3.27	3.86	3.83	3.71	4.79	2.83	1.81	0.93
	-17.20	-13.76	-12.09	-11.90	-12.09	-12.32	-7.86	-13.82	-7.93	-10.43	-13.43	-14.75	-16.67	-18.68	-19.62	-22.54	-18.03	-13.15	-13.44	-15.40	-10.89	-15.36	-15.25	-16.43
NORTH	6.13	6.13	6.14	6.16	6.16	8.40	16.68	17.36	26.81	18.51	26.61	25.41	22.73	21.55	17.07	17.07	18.79	17.07	25.07	23.93	31.46	18.18	11.94	6.49
61755	-0.37	-0.38	-0.36	-0.33	-0.33	-0.43	-1.01	-1.03	-1.69	-1.76	-1.58	-1.51	-1.35	-1.25	-1.22	-1.12	-1.32	-1.58	-1.69	-1.66	-2.05	-1.37	-0.82	-0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	10.67	0.00	0.00	0.00	0.00	3.05	1.08	2.61	8.16	0.00	0.00	0.00	0.00	0.00	0.00
NPX	26.51	22.64	20.74	20.52	20.73	23.55	28.29	35.28	35.11	36.21	35.00	33.51	32.50	31.72	30.56	29.20	31.69	32.61	34.00	40.40	43.39	31.80	27.11	26.10
61845	0.62	0.61	0.61	0.60	0.60	0.82	1.73	1.75	3.03	3.09	2.76	2.67	2.38	2.26	2.11	1.97	2.32	2.76	2.76	2.64	3.35	2.03	1.33	0.69
	-19.39	-15.52	-13.63	-13.42	-13.63	-13.90	-8.87	-15.15	-2.39	-2.17	-4.05	-3.92	-6.04	-6.65	-7.11	-7.97	-6.66	-3.04	-4.48	-12.18	-6.53	-10.22	-13.02	-18.51

OH 61846	8.67	8.24	7.98	7.89	7.92	10.19	18.06	19.36	27.86	28.92	26.62	25.43	22.98	21.86	20.62	18.89	21.94	25.46	25.63	25.53	31.99	19.80	13.82	8.96
	-0.15	-0.12	-0.16	-0.20	-0.20	-0.31	-0.69	-0.85	-2.02	-2.20	-1.89	-1.80	-1.66	-1.60	-1.45	-1.25	-1.43	-1.69	-1.63	-1.36	-2.05	-0.90	-0.50	-0.15
	-2.32	-1.86	-1.63	-1.61	-1.63	-1.66	-1.06	-1.82	-0.19	-0.17	-0.32	-0.31	-0.56	-0.65	-0.74	-0.87	-0.66	-0.33	-0.50	-1.30	-0.53	-1.15	-1.56	-2.21
PJM 61847	15.97	14.15	13.23	13.09	13.20	18.06	22.60	33.06	32.93	35.29	35.24	30.91	29.03	27.84	26.40	26.40	27.82	29.44	30.12	33.67	39.93	25.87	19.49	16.00
	0.29	0.29	0.27	0.25	0.25	0.33	0.71	0.74	0.92	0.93	0.87	0.81	0.72	0.66	0.66	0.62	0.77	0.91	0.96	1.02	1.20	0.88	0.56	0.33
	-9.19	-7.35	-6.46	-6.36	-6.46	-8.90	-4.20	-13.94	-2.32	-3.42	-6.18	-3.18	-4.23	-4.37	-4.40	-6.52	-4.33	-1.71	-2.40	-7.06	-5.21	-5.44	-6.17	-8.77
WEST 61752	8.75	8.33	8.06	7.98	8.02	10.35	18.45	19.73	28.48	29.60	27.26	26.07	23.55	22.38	21.10	19.28	22.43	25.96	26.05	25.97	32.55	20.13	14.00	9.05
	-0.03	0.01	-0.03	-0.08	-0.06	-0.12	-0.28	-0.44	-1.39	-1.52	-1.24	-1.16	-1.08	-1.07	-0.96	-0.85	-0.93	-1.18	-1.20	-0.90	-1.47	-0.55	-0.29	-0.02
	-2.27	-1.82	-1.60	-1.57	-1.60	-1.63	-1.04	-1.78	-0.19	-0.17	-0.32	-0.31	-0.55	-0.64	-0.72	-0.86	-0.65	-0.32	-0.49	-1.28	-0.52	-1.13	-1.53	-2.17