

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

01/31/2017

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL	37.32	35.38	34.05	35.49	34.83	39.65	44.15	61.32	52.83	50.85	45.62	44.34	40.84	39.54	39.52	39.66	45.06	59.85	59.05	51.66	44.51	38.84	40.74	35.59
61757	1.45	1.48	1.47	1.39	1.49	1.54	2.19	1.80	2.23	2.17	2.07	2.06	1.99	1.98	1.84	1.85	2.02	2.36	2.34	2.13	1.80	1.89	1.70	1.42
	-9.92	-8.44	-7.30	-9.75	-8.15	-11.52	-6.64	-29.49	-15.17	-14.24	-10.14	-9.08	-7.24	-6.10	-7.95	-8.01	-11.07	-21.72	-21.24	-16.74	-14.12	-7.50	-12.83	-9.21
CENTRL	27.19	26.57	26.28	25.59	26.39	28.13	36.40	33.94	37.49	36.50	35.06	34.81	32.62	32.23	30.69	30.69	33.20	38.42	38.12	34.79	30.19	30.16	27.70	26.11
61754	0.00	0.05	0.08	0.02	0.18	0.11	0.25	0.21	0.00	0.00	0.03	0.03	-0.06	-0.09	-0.12	-0.12	-0.16	-0.07	-0.11	-0.10	-0.17	-0.24	-0.10	0.00
	-1.24	-1.05	-0.91	-1.22	-1.02	-1.44	-0.83	-3.70	-2.06	-2.06	-1.61	-1.57	-1.08	-0.86	-1.08	-1.00	-1.39	-2.73	-2.76	-2.10	-1.77	-0.94	-1.60	-1.15
DUNWOD	35.38	33.69	32.58	33.40	33.16	37.15	43.47	54.98	50.46	48.68	44.61	43.62	40.34	39.29	38.80	38.89	43.77	55.99	55.30	48.92	42.30	38.22	38.22	33.92
61760	2.00	1.91	1.82	1.75	1.86	1.94	3.18	2.88	3.68	3.58	3.61	3.62	3.32	3.27	3.12	3.10	3.52	3.97	3.94	3.61	3.14	3.15	2.41	2.07
	-7.42	-6.32	-5.46	-7.30	-6.10	-8.62	-4.97	-22.07	-11.35	-10.66	-7.58	-6.79	-5.42	-4.56	-5.95	-5.99	-8.29	-16.25	-15.89	-12.53	-10.56	-5.61	-9.61	-6.89
GENESE	26.32	25.80	25.54	24.79	25.68	27.21	35.35	32.11	35.61	34.50	33.38	33.19	31.16	30.81	29.29	29.32	31.67	36.58	36.40	33.19	28.75	28.82	26.52	25.26
61753	-0.62	-0.51	-0.48	-0.54	-0.33	-0.53	-0.63	-0.87	-1.49	-1.62	-1.37	-1.33	-1.33	-1.35	-1.31	-1.28	-1.41	-1.36	-1.28	-1.28	-1.26	-1.38	-0.97	-0.62
	-0.99	-0.85	-0.73	-0.98	-0.82	-1.16	-0.67	-2.96	-1.67	-1.68	-1.34	-1.31	-0.88	-0.70	-0.87	-0.80	-1.11	-2.18	-2.21	-1.68	-1.42	-0.75	-1.29	-0.92
H Q	25.28	24.78	24.58	23.69	24.46	25.87	34.29	29.13	34.36	33.37	32.34	32.14	30.66	30.52	28.87	28.94	30.31	35.35	34.41	31.81	27.76	28.60	25.36	24.35
61844	-0.67	-0.69	-0.71	-0.66	-0.73	-0.72	-1.03	-0.90	-1.06	-1.07	-1.07	-1.06	-0.95	-0.94	-0.86	-0.87	-0.96	-1.11	-1.06	-0.98	-0.83	-0.86	-0.79	-0.67
	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	0.70	-0.70	0.00	0.00	0.00	0.00	0.06	-0.06
HUD VL	35.48	33.80	32.73	33.55	33.27	37.29	43.65	55.09	50.44	48.69	44.61	43.63	40.35	39.24	38.78	38.90	43.81	56.11	55.39	48.87	42.28	38.19	38.28	33.92
61758	2.10	2.01	1.97	1.90	1.97	2.08	3.36	2.97	3.65	3.58	3.61	3.62	3.32	3.21	3.09	3.10	3.55	4.08	4.01	3.54	3.12	3.12	2.46	2.07
	-7.43	-6.32	-5.47	-7.30	-6.11	-8.63	-4.97	-22.09	-11.36	-10.67	-7.59	-6.80	-5.42	-4.56	-5.95	-6.00	-8.29	-16.27	-15.91	-12.54	-10.57	-5.62	-9.61	-6.89
LONGIL	36.23	34.55	33.42	34.14	34.03	38.13	47.50	56.18	51.90	49.83	46.01	45.21	42.77	42.04	41.59	41.71	47.60	58.42	71.18	54.65	46.78	43.62	39.24	35.03
61762	2.83	2.75	2.65	2.48	2.72	2.90	4.38	4.08	5.07	4.72	4.74	4.75	4.36	4.34	4.07	4.11	4.57	5.29	5.32	4.92	4.20	4.12	3.41	3.07
	-7.44	-6.34	-5.47	-7.31	-6.11	-8.65	-7.81	-22.07	-11.41	-10.68	-7.86	-7.26	-6.80	-6.24	-7.79	-7.80	-11.06	-17.36	-30.39	-16.94	-13.99	-10.05	-9.63	-7.01
MHK VL	28.14	27.48	27.12	26.49	27.16	29.10	37.49	35.11	38.83	37.64	36.07	35.72	33.75	33.48	31.84	31.92	34.60	40.00	39.67	36.19	31.43	31.35	28.73	26.92
61756	0.81	0.84	0.81	0.78	0.83	0.90	1.31	1.23	1.42	1.34	1.34	1.33	1.20	1.23	1.07	1.07	1.18	1.39	1.42	1.21	1.00	0.91	0.73	0.67
	-1.38	-1.18	-1.02	-1.36	-1.14	-1.61	-0.87	-3.86	-1.98	-1.86	-1.33	-1.19	-0.95	-0.80	-1.04	-1.05	-1.45	-2.84	-2.78	-2.19	-1.85	-0.98	-1.79	-1.28
MILLWD	35.50	33.83	32.70	33.54	33.29	37.34	43.65	55.31	50.68	48.89	44.78	43.75	40.43	39.37	38.89	39.01	43.92	56.22	55.56	49.11	42.43	38.28	38.37	34.01
61759	2.05	1.99	1.90	1.83	1.94	2.05	3.32	3.00	3.79	3.69	3.71	3.69	3.35	3.30	3.15	3.16	3.58	4.04	4.04	3.67	3.17	3.15	2.46	2.10
	-7.49	-6.38	-5.51	-7.37	-6.16	-8.71	-5.02	-22.29	-11.47	-10.76	-7.66	-6.86	-5.47	-4.61	-6.01	-6.05	-8.37	-16.41	-16.05	-12.65	-10.67	-5.67	-9.70	-6.96
N.Y.C.	35.59	33.88	32.75	33.55	33.34	37.23	43.60	55.16	50.74	49.02	44.97	43.95	40.66	39.64	39.10	39.22	44.09	56.27	55.62	49.22	42.58	38.55	38.52	34.15
61761	2.20	2.09	2.00	1.90	2.04	2.02	3.32	3.06	3.97	3.92	3.97	3.95	3.63	3.62	3.42	3.43	3.83	4.25	4.25	3.90	3.43	3.47	2.70	2.29
	-7.43	-6.33	-5.47	-7.30	-6.11	-8.63	-4.97	-22.07	-11.35	-10.66	-7.59	-6.79	-5.42	-4.56	-5.95	-5.99	-8.29	-16.25	-15.89	-12.53	-10.56	-5.62	-9.61	-6.90
NORTH	25.10	24.57	24.35	23.57	24.24	25.76	34.01	28.88	34.08	33.03	32.01	31.81	30.37	30.30	28.72	28.79	30.69	34.30	34.23	31.54	27.50	28.34	25.08	24.09
61755	-0.86	-0.89	-0.94	-0.78	-0.96	-0.82	-1.31	-1.14	-1.35	-1.41	-1.40	-1.39	-1.23	-1.16	-1.01	-1.01	-1.28	-1.47	-1.24	-1.25	-1.09	-1.12	-1.13	-0.87
	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	36.29	34.51	33.27	34.44	34.00	38.43	43.71	58.22	51.52	49.64	44.93	43.77	40.42	39.25	39.03	39.19	43.64	58.67	57.20	50.28	43.41	38.43	39.42	34.91
61845	1.56	1.58	1.52	1.46	1.59	1.65	2.51	2.07	2.66	2.58	2.54	2.52	2.40	2.39	2.26	2.29	2.56	2.97	2.91	2.65	2.31	2.33	1.91	1.75
	-8.78	-7.47	-6.46	-8.63	-7.22	-10.20	-5.88	-26.13	-13.44	-12.62	-8.98	-8.04	-6.42	-5.40	-7.04	-7.09	-9.11	-19.94	-18.81	-14.83	-12.51	-6.64	-11.30	-8.21

O H 61846	25.72	25.21	25.00	24.17	25.17	26.61	34.26	32.07	33.95	32.35	30.77	30.00	29.20	29.14	27.88	28.40	30.00	36.46	35.02	32.50	28.10	27.98	26.00	25.00
	-1.56	-1.38	-1.26	-1.34	-1.11	-1.51	-1.94	-1.89	-2.80	-2.79	-2.47	-2.49	-2.62	-2.71	-2.56	-2.47	-2.75	-2.90	-2.87	-2.52	-2.37	-2.47	-1.86	-1.25
	-1.32	-1.13	-0.97	-1.16	-1.09	-1.54	-0.89	-3.94	-1.32	-0.70	0.17	0.72	-0.22	-0.39	-0.70	-1.07	-0.78	-3.60	-2.42	-2.23	-1.88	-1.00	-1.65	-1.29
PJM 61847	30.24	29.15	28.52	28.56	28.88	31.58	38.65	42.93	42.41	41.16	38.61	38.01	35.12	34.37	33.36	33.39	36.16	46.01	44.99	40.31	34.85	32.85	31.69	29.12
	0.10	0.13	0.15	0.10	0.25	0.13	0.53	0.48	0.39	0.38	0.50	0.43	0.25	0.22	0.18	0.21	0.23	0.39	0.43	0.46	0.32	0.23	0.13	0.22
	-4.18	-3.56	-3.08	-4.11	-3.44	-4.86	-2.80	-12.43	-6.59	-6.34	-4.70	-4.37	-3.26	-2.69	-3.45	-3.37	-3.97	-9.85	-9.09	-7.06	-5.95	-3.16	-5.35	-3.94
WEST 61752	26.27	25.76	25.57	24.83	25.74	27.22	35.22	32.81	38.57	39.56	39.70	41.05	34.00	32.25	30.57	29.17	31.48	36.67	38.09	33.28	28.75	28.63	26.55	25.47
	-0.96	-0.79	-0.66	-0.78	-0.50	-0.85	-0.95	-1.02	-1.77	-1.79	-1.44	-1.46	-1.71	-1.79	-1.69	-1.67	-1.92	-1.90	-1.88	-1.67	-1.66	-1.80	-1.31	-0.67
	-1.28	-1.09	-0.94	-1.26	-1.05	-1.49	-0.86	-3.81	-4.92	-6.91	-7.72	-9.31	-4.10	-2.58	-2.53	-1.03	-1.43	-2.81	-4.50	-2.16	-1.82	-0.97	-1.65	-1.19