

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/19/2016

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	24.38	22.96	19.49	18.19	17.61	19.25	23.02	24.87	26.13	28.80	29.86	32.59	33.94	36.10	40.17	38.47	41.57	39.97	37.71	31.28	29.53	27.38	25.43	23.29
61757	1.61	1.49	1.31	1.22	1.15	1.28	1.55	1.45	1.56	1.76	1.75	1.91	2.04	2.13	2.38	2.42	2.44	2.45	2.33	1.91	1.77	1.55	1.36	1.32
	-0.15	-0.46	-0.06	0.00	0.00	0.00	0.00	-0.10	-0.28	-0.38	-0.41	-0.34	-0.50	-0.75	-0.64	-0.96	-1.06	-0.42	-0.11	-0.39	-0.49	-0.37	-0.22	-0.03
CENTRL	22.76	21.10	18.18	17.02	16.54	18.10	21.54	23.50	24.77	27.22	28.69	31.89	33.44	36.02	40.86	38.15	41.85	40.01	36.41	29.79	27.82	25.84	24.26	22.23
61754	0.14	0.04	0.05	0.05	0.08	0.13	0.06	0.12	0.19	0.21	0.39	0.42	0.41	0.53	0.59	0.56	0.72	0.59	0.46	0.44	0.35	0.36	0.41	0.28
	0.00	-0.05	-0.01	0.00	0.00	0.00	0.00	-0.06	-0.29	-0.34	-0.60	-1.13	-1.64	-2.26	-3.12	-2.50	-3.05	-2.32	-0.68	-0.38	-0.20	-0.03	0.00	0.00
DUNWOD	27.77	24.55	20.34	18.92	18.30	20.00	23.96	27.58	31.58	35.76	37.41	39.26	42.98	48.77	51.48	54.13	58.91	48.01	41.27	38.47	38.08	34.17	30.02	25.09
61760	2.78	2.60	2.17	1.95	1.84	2.03	2.49	2.75	2.86	3.14	3.27	3.58	3.73	3.99	4.46	4.24	4.57	4.41	4.23	3.48	3.24	3.00	2.84	2.65
	-2.37	-0.94	-0.04	0.00	0.00	0.00	0.00	-1.50	-4.43	-5.95	-6.44	-5.35	-7.86	-11.56	-9.88	-14.80	-16.27	-6.50	-1.77	-6.02	-7.57	-5.71	-3.33	-0.50
GENESE	22.08	20.40	17.58	16.51	16.02	17.61	20.81	22.69	23.68	25.97	27.31	29.85	31.08	33.09	36.93	34.88	37.92	36.80	34.67	28.73	26.91	25.06	23.83	21.68
61753	-0.54	-0.65	-0.54	-0.46	-0.44	-0.36	-0.67	-0.68	-0.61	-0.69	-0.39	-0.49	-0.31	-0.13	-0.22	-0.21	-0.15	-0.30	-0.60	-0.49	-0.49	-0.41	-0.02	-0.26
	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-0.13	-0.02	0.00	0.00
H Q	21.86	20.31	17.52	16.41	15.92	17.38	20.81	22.60	23.49	25.78	26.76	29.28	30.29	31.99	35.78	33.75	36.63	35.76	34.04	27.93	26.34	24.59	23.02	21.19
61844	-0.77	-0.69	-0.60	-0.56	-0.54	-0.59	-0.67	-0.72	-0.80	-0.88	-0.94	-1.06	-1.10	-1.23	-1.37	-1.33	-1.45	-1.33	-1.24	-1.04	-0.93	-0.87	-0.84	-0.75
	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
HUD VL	27.10	24.24	20.20	18.81	18.20	19.88	23.77	26.99	30.34	34.14	35.76	37.81	40.95	45.99	49.09	50.68	55.08	46.37	40.70	36.95	36.17	32.69	29.09	24.78
61758	2.62	2.44	2.03	1.85	1.74	1.90	2.30	2.50	2.62	2.88	3.07	3.34	3.48	3.79	4.27	4.10	4.38	4.23	4.05	3.30	3.03	2.80	2.65	2.46
	-1.85	-0.80	-0.04	0.00	0.00	0.00	0.00	-1.16	-3.43	-4.60	-4.98	-4.13	-6.08	-8.98	-7.67	-11.49	-12.63	-5.05	-1.37	-4.67	-5.88	-4.44	-2.59	-0.38
LONGIL	34.57	27.49	22.57	21.22	20.65	22.09	25.72	29.16	32.44	36.91	37.66	40.36	46.17	52.61	55.78	58.42	66.47	59.64	46.57	39.61	39.10	35.07	35.40	26.51
61762	3.60	3.32	2.81	2.51	2.39	2.62	3.22	3.59	3.72	4.13	3.52	4.67	4.80	5.11	5.79	5.51	6.05	5.86	5.54	4.61	4.25	3.89	3.79	3.40
	-8.35	-3.17	-1.64	-1.75	-1.80	-1.49	-1.03	-2.25	-4.43	-6.11	-6.44	-5.35	-9.97	-14.27	-12.84	-17.82	-22.34	-16.68	-5.76	-6.02	-7.58	-5.72	-7.75	-1.17
MHK VL	23.54	21.71	18.64	17.44	16.95	18.53	22.18	24.26	25.52	28.14	29.33	32.08	33.28	35.51	39.49	37.52	40.80	39.05	36.81	30.54	28.93	26.91	24.98	22.68
61756	0.75	0.61	0.51	0.47	0.49	0.56	0.71	0.84	0.95	1.09	1.22	1.40	1.38	1.46	1.63	1.37	1.56	1.49	1.41	1.13	1.12	1.04	0.88	0.70
	-0.17	-0.10	-0.01	0.00	0.00	0.00	0.00	-0.10	-0.29	-0.39	-0.42	-0.35	-0.51	-0.83	-0.71	-1.06	-1.17	-0.47	-0.13	-0.43	-0.54	-0.41	-0.24	-0.04
MILLWD	27.69	24.48	20.30	18.88	18.27	19.97	23.88	27.47	31.53	35.70	37.35	39.22	42.95	48.59	51.37	53.90	58.69	47.87	41.17	38.31	37.88	34.01	29.87	24.97
61759	2.74	2.54	2.14	1.92	1.81	1.99	2.40	2.64	2.79	3.06	3.18	3.52	3.67	3.99	4.49	4.24	4.61	4.38	4.16	3.42	3.16	2.93	2.74	2.54
	-2.33	-0.93	-0.04	0.00	0.00	0.00	0.00	-1.51	-4.44	-5.97	-6.47	-5.36	-7.88	-11.38	-9.72	-14.56	-16.01	-6.40	-1.74	-5.92	-7.45	-5.62	-3.28	-0.49
N.Y.C.	29.82	24.82	20.56	19.11	18.49	20.22	24.20	29.14	31.85	36.03	37.74	39.54	43.31	54.04	54.97	57.17	61.30	52.20	45.97	43.48	43.17	35.20	30.62	26.65
61761	3.03	2.86	2.39	2.14	2.02	2.25	2.73	3.03	3.13	3.41	3.60	3.85	4.05	4.32	4.79	4.49	4.84	4.71	4.55	3.74	3.52	3.29	3.12	2.94
	-4.16	-0.95	-0.05	0.00	0.00	0.00	0.00	-2.79	-4.43	-5.95	-6.45	-5.35	-7.87	-16.50	-13.03	-17.59	-18.39	-10.39	-6.15	-10.77	-12.39	-6.45	-3.64	-1.77
NORTH	21.54	20.04	17.29	16.17	15.72	17.15	20.59	22.46	23.27	25.59	26.51	29.00	29.95	31.49	35.22	33.23	36.02	35.28	33.65	27.61	26.09	24.39	22.80	20.93
61755	-1.09	-0.97	-0.83	-0.80	-0.74	-0.83	-0.88	-0.86	-1.02	-1.07	-1.19	-1.33	-1.44	-1.73	-1.93	-1.86	-2.06	-1.82	-1.62	-1.36	-1.17	-1.07	-1.05	-1.01
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	25.56	23.43	19.71	18.36	17.78	19.45	23.23	25.81	28.18	31.46	32.77	35.12	37.43	41.10	44.60	44.73	48.52	43.07	38.94	34.07	32.88	29.98	27.14	23.90
61845	1.86	1.76	1.54	1.39	1.32	1.47	1.76	1.80	1.87	2.08	2.13	2.34	2.45	2.59	2.93	2.88	3.01	3.00	2.86	2.35	2.15	1.91	1.77	1.73
	-1.08	-0.66	-0.05	0.00	0.00	0.00	0.00	-0.69	-2.02	-2.72	-2.94	-2.44	-3.59	-5.29	-4.51	-6.76	-7.44	-2.97	-0.81	-2.75	-3.46	-2.61	-1.52	-0.23

O H 61846	21.47	19.57	16.28	15.17	15.00	16.20	19.10	21.60	21.58	23.60	23.80	24.00	22.94	22.20	22.74	23.40	24.52	26.19	31.01	26.03	25.13	24.32	23.40	21.41
	-1.15	-1.09	-0.87	-0.80	-0.77	-0.77	-1.22	-1.47	-1.46	-1.57	-1.27	-1.40	-1.29	-1.13	-1.26	-1.19	-0.99	-1.33	-1.55	-1.22	-1.20	-1.02	-0.45	-0.53
	0.00	0.34	0.98	1.00	0.69	1.00	1.15	0.26	1.25	1.49	2.62	4.94	7.16	9.89	13.15	10.50	12.57	9.57	2.71	1.73	0.94	0.12	0.00	0.00
PJM 61847	24.37	22.12	18.73	17.47	16.94	18.53	22.05	24.65	27.33	30.53	32.47	35.72	38.82	43.51	48.41	47.27	52.22	45.54	38.61	33.38	31.91	28.94	26.38	23.18
	0.75	0.67	0.58	0.51	0.48	0.56	0.58	0.58	0.66	0.75	0.97	1.09	1.16	1.33	1.49	1.44	1.79	1.52	1.37	1.16	1.06	1.02	1.12	1.03
	-1.00	-0.44	-0.02	0.00	0.00	0.00	0.00	-0.74	-2.39	-3.13	-3.80	-4.29	-6.26	-8.95	-9.77	-10.75	-12.36	-6.92	-1.97	-3.25	-3.58	-2.46	-1.41	-0.21
WEST 61752	21.95	20.37	17.57	16.46	15.97	17.56	20.70	23.45	28.56	31.83	37.93	50.00	60.35	73.65	88.02	75.31	84.97	72.43	44.11	35.54	30.56	25.57	24.07	21.94
	-0.68	-0.69	-0.56	-0.51	-0.49	-0.41	-0.77	-0.93	-0.85	-0.93	-0.53	-0.61	-0.41	-0.13	-0.18	-0.17	0.08	-0.30	-0.67	-0.46	-0.52	-0.36	0.21	0.00
	0.00	-0.05	-0.01	0.00	0.00	0.00	0.00	-1.05	-5.12	-6.10	-10.76	-20.27	-29.37	-40.56	-51.05	-40.40	-46.81	-35.63	-9.51	-7.03	-3.81	-0.47	0.00	0.00