

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/11/2017

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	28.45	26.65	25.05	24.18	24.91	23.40	26.37	26.74	27.04	27.93	26.92	26.31	25.43	25.01	24.32	23.89	24.39	25.00	25.51	29.21	32.22	27.89	28.97	29.29
61757	0.40	0.40	0.38	0.40	0.44	0.54	1.09	1.03	1.44	1.48	1.42	1.25	1.17	1.17	1.18	1.12	1.04	1.09	1.23	1.32	1.60	1.35	1.06	0.52
	-19.98	-18.13	-16.85	-15.71	-15.39	-12.24	-5.49	-8.03	-2.78	-2.90	-2.66	-3.82	-4.34	-3.99	-4.13	-3.87	-4.69	-4.10	-3.41	-3.47	-1.53	-2.35	-9.63	-18.15
CENTRL	10.52	10.35	9.88	10.00	10.97	12.19	20.79	18.89	23.16	23.88	23.19	21.55	20.21	20.09	19.22	19.15	18.95	20.10	21.16	24.79	29.52	24.55	19.49	12.87
61754	0.07	0.06	0.06	0.06	0.05	0.12	0.34	0.35	0.34	0.33	0.34	0.32	0.30	0.24	0.21	0.25	0.30	0.30	0.29	0.37	0.44	0.36	0.16	0.10
	-2.38	-2.16	-2.01	-1.87	-1.83	-1.46	-0.65	-0.85	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	-1.04	-2.16	
DUNWOD	23.76	22.45	21.15	20.58	21.43	20.85	26.26	39.99	42.53	44.06	41.84	48.16	50.43	48.03	48.23	46.84	52.17	49.94	45.37	48.94	54.30	41.20	32.87	25.01
61760	0.96	0.96	0.91	0.93	1.01	1.21	2.41	2.23	2.95	3.04	2.95	2.72	2.57	2.56	2.45	2.46	2.42	2.52	2.65	3.08	3.66	3.07	2.36	1.30
	-14.73	-13.37	-12.43	-11.58	-11.35	-9.02	-4.05	-20.07	-16.76	-17.47	-16.05	-24.20	-27.95	-25.61	-26.77	-25.47	-31.10	-27.62	-21.85	-21.44	-21.55	-13.94	-12.23	-13.09
GENESE	9.66	9.54	9.13	9.27	10.19	11.52	20.07	18.18	22.36	23.03	22.25	20.57	19.32	19.28	18.38	18.34	18.23	19.43	20.41	23.96	28.38	23.80	18.56	11.98
61753	-0.17	-0.19	-0.17	-0.19	-0.24	-0.18	-0.22	-0.12	-0.46	-0.52	-0.59	-0.66	-0.60	-0.58	-0.63	-0.57	-0.43	-0.38	-0.46	-0.46	-0.70	-0.39	-0.49	-0.24
	-1.76	-1.60	-1.48	-1.38	-1.36	-1.08	-0.48	-0.62	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	-0.76	-1.60
H Q	7.79	7.86	7.56	7.82	8.81	10.27	19.07	16.63	20.58	20.84	20.33	19.18	18.23	18.20	17.58	17.49	17.31	18.95	18.93	21.50	26.40	21.33	17.06	10.27
61844	-0.27	-0.27	-0.25	-0.25	-0.27	-0.35	-0.73	-0.69	-0.89	-0.89	-0.87	-0.81	-0.76	-0.75	-0.72	-0.74	-0.73	-0.75	-0.79	-0.93	-1.11	-0.92	-0.69	-0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	1.35	1.82	1.65	1.25	0.92	0.90	0.70	0.68	0.61	0.11	1.15	2.00	1.58	1.93	0.53	0.00
HUD VL	23.62	22.32	21.03	20.47	21.31	20.72	25.99	37.58	39.39	40.77	38.78	43.79	45.44	43.43	43.49	42.30	46.70	45.05	41.43	45.06	50.89	38.55	31.71	24.94
61758	0.85	0.86	0.82	0.84	0.92	1.09	2.16	1.96	2.62	2.68	2.58	2.40	2.25	2.24	2.18	2.17	2.14	2.24	2.36	2.78	3.34	2.76	2.17	1.19
	-14.70	-13.34	-12.40	-11.55	-11.32	-9.00	-4.04	-17.93	-13.95	-14.53	-13.35	-20.16	-23.28	-21.33	-22.30	-21.22	-25.90	-23.01	-18.20	-17.86	-18.47	-11.61	-11.25	-13.13
LONGIL	24.42	23.43	22.15	22.13	22.63	24.31	35.47	40.80	43.35	44.31	41.89	48.26	50.57	48.23	48.36	46.97	52.38	50.00	45.24	49.13	54.50	41.12	33.47	26.52
61762	1.29	1.29	1.23	1.26	1.37	1.65	3.23	3.02	3.76	3.30	2.99	2.82	2.71	2.76	2.58	2.59	2.63	2.57	2.52	3.27	3.87	3.00	2.94	1.70
	-15.06	-14.01	-13.11	-12.80	-12.18	-12.05	-12.44	-20.09	-16.77	-17.47	-16.05	-24.20	-27.95	-25.61	-26.77	-25.47	-31.09	-27.62	-21.85	-21.44	-21.55	-13.94	-12.24	-14.20
MHK VL	11.02	10.81	10.31	10.41	11.39	12.55	21.04	20.22	24.70	25.39	24.57	23.88	23.04	22.71	22.01	21.78	22.12	23.11	23.24	26.64	31.20	25.59	20.26	13.38
61756	0.15	0.15	0.13	0.14	0.15	0.21	0.47	0.44	0.59	0.64	0.62	0.57	0.56	0.52	0.48	0.47	0.47	0.50	0.50	0.66	0.79	0.60	0.38	0.21
	-2.80	-2.54	-2.36	-2.20	-2.16	-1.72	-0.77	-2.09	-1.28	-1.20	-1.11	-2.08	-2.57	-2.34	-2.53	-2.40	-3.00	-2.81	-1.88	-1.56	-1.34	-0.80	-1.59	-2.55
MILLWD	23.90	22.58	21.27	20.70	21.55	20.94	26.26	39.95	42.25	43.74	41.55	47.72	49.92	47.56	47.76	46.39	51.63	49.50	45.01	48.59	54.20	40.97	32.85	25.16
61759	0.94	0.94	0.90	0.92	1.00	1.20	2.37	2.21	2.95	3.01	2.92	2.70	2.53	2.52	2.43	2.42	2.39	2.52	2.65	3.08	3.69	3.07	2.36	1.28
	-14.89	-13.51	-12.56	-11.71	-11.47	-9.12	-4.09	-20.05	-16.48	-17.18	-15.78	-23.80	-27.47	-25.18	-26.32	-25.06	-30.59	-27.17	-21.49	-21.09	-21.43	-13.71	-12.21	-13.25
N.Y.C.	23.85	22.55	21.23	20.67	21.51	20.94	26.42	40.05	42.64	44.17	42.02	48.32	50.57	48.17	48.36	46.95	52.28	50.08	45.49	49.06	54.41	41.34	33.04	25.11
61761	1.05	1.05	0.99	1.02	1.09	1.30	2.57	2.30	3.06	3.16	3.13	2.89	2.71	2.70	2.58	2.57	2.54	2.66	2.78	3.20	3.78	3.22	2.52	1.40
	-14.74	-13.38	-12.43	-11.58	-11.35	-9.02	-4.05	-20.07	-16.76	-17.47	-16.05	-24.20	-27.95	-25.61	-26.77	-25.47	-31.09	-27.62	-21.85	-21.44	-21.55	-13.94	-12.23	-13.09
NORTH	7.59	7.67	7.40	7.67	8.66	10.09	18.63	15.00	16.07	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	18.07	15.00	15.00	20.97	15.00	15.00	10.05
61755	-0.48	-0.45	-0.41	-0.40	-0.42	-0.53	-1.17	-1.26	-1.57	-1.60	-1.55	-1.40	-1.33	-1.33	-1.27	-1.27	-1.27	-1.33	-1.40	-1.64	-1.95	-1.65	-1.22	-0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43	5.18	6.95	6.29	4.83	3.58	3.52	2.73	2.64	2.38	0.41	4.47	7.79	6.16	7.54	2.06	0.00
NPX	25.95	24.43	23.00	22.30	23.10	22.55	30.90	35.40	37.00	38.26	36.46	40.25	41.40	39.72	39.60	38.50	42.11	40.97	38.21	41.76	46.13	36.30	31.60	26.97
61845	0.74	0.75	0.73	0.75	0.82	1.00	1.94	1.82	2.37	2.40	2.31	2.10	1.95	1.97	1.88	1.83	1.77	1.90	2.11	2.39	2.82	2.39	1.81	0.99
	-17.15	-15.56	-14.46	-13.48	-13.20	-10.93	-9.16	-15.89	-11.81	-12.31	-11.31	-16.92	-19.53	-17.90	-18.71	-17.76	-21.68	-19.26	-15.23	-14.95	-14.22	-9.72	-11.51	-15.36

O H 61846	10.18 -0.15 -2.27	10.05 -0.14 -2.06	9.61 -0.12 -1.91	9.72 -0.14 -1.78	10.60 -0.23 -1.75	11.82 -0.19 -1.39	20.10 -0.32 -0.62	18.22 -0.26 -0.80	22.00 -0.82 0.00	22.58 -0.97 0.00	22.00 -0.84 0.00	20.26 -0.98 0.00	19.00 -0.92 0.00	19.00 -0.85 0.00	18.19 -0.82 0.00	18.19 -0.72 0.00	18.17 -0.49 0.00	19.13 -0.67 0.00	20.12 -0.75 0.00	23.42 -1.00 0.00	27.83 -1.25 0.00	23.31 -0.87 0.00	18.50 -0.77 -0.98	12.35 -0.33 -2.06
PJM 61847	16.40 0.35 -7.97	15.72 0.36 -7.24	14.89 0.35 -6.73	14.70 0.35 -6.27	15.57 0.35 -6.14	15.96 0.46 -4.88	25.40 0.95 -4.65	28.36 0.90 -9.77	31.59 0.96 -7.81	34.67 0.92 -10.21	30.88 0.96 -7.07	32.65 0.76 -10.66	32.94 0.72 -12.30	31.89 0.75 -11.28	31.52 0.72 -11.79	30.90 0.78 -11.22	33.22 0.88 -13.69	32.80 0.83 -12.16	32.83 0.86 -11.11	36.46 0.93 -11.11	40.60 1.08 -10.44	32.51 0.99 -7.33	25.00 0.68 -6.03	18.17 0.43 -7.12
WEST 61752	10.32 0.03 -2.22	10.20 0.06 -2.02	9.75 0.06 -1.88	9.87 0.05 -1.75	10.76 -0.03 -1.71	12.06 0.07 -1.36	20.65 0.24 -0.61	18.68 0.21 -0.78	22.57 -0.25 0.00	23.19 -0.35 0.00	22.69 -0.16 0.00	20.83 -0.40 0.00	19.58 -0.34 0.00	19.58 -0.28 0.00	18.74 -0.27 0.00	18.72 -0.19 0.00	18.71 0.06 0.00	19.61 -0.20 0.00	20.60 -0.27 0.00	23.93 -0.49 0.00	28.56 -0.52 0.00	23.85 -0.34 0.00	18.86 -0.38 -0.97	12.55 -0.09 -2.02