

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/15/2017

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	23.69	19.30	18.04	17.06	17.54	18.11	21.16	23.16	24.95	27.21	28.30	30.32	32.10	33.92	36.79	39.54	40.99	41.10	35.10	32.74	31.39	28.74	24.55	22.16
61757	1.47	1.14	1.11	0.97	1.06	1.21	1.45	1.57	1.54	1.73	1.68	1.83	1.90	1.95	2.21	2.38	2.57	2.65	2.26	2.09	1.97	1.70	1.48	1.41
	-3.39	-3.77	-2.83	-3.45	-2.47	-1.38	-1.86	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
CENTRL	19.58	15.15	14.72	13.29	14.59	15.99	18.46	22.02	23.90	26.23	27.78	29.92	32.19	34.37	36.38	39.07	39.97	39.47	33.62	31.47	30.10	27.71	23.51	21.12
61754	0.36	0.32	0.30	0.25	0.29	0.31	0.39	0.43	0.49	0.64	0.77	0.83	0.91	0.96	0.97	1.08	1.07	0.96	0.79	0.80	0.68	0.68	0.44	0.37
	-0.39	-0.43	-0.33	-0.40	-0.28	-0.16	-0.22	0.00	0.00	-0.12	-0.39	-0.60	-1.09	-1.44	-0.84	-0.84	-0.48	-0.05	0.00	-0.01	0.00	0.00	0.00	0.00
DUNWOD	23.56	18.90	17.84	16.66	17.44	18.31	21.25	24.18	26.12	28.33	29.79	31.77	33.67	35.58	38.72	41.58	42.98	43.10	36.55	34.18	32.69	30.06	25.77	23.26
61760	2.18	1.67	1.62	1.43	1.58	1.75	2.00	2.59	2.71	2.85	3.17	3.28	3.47	3.61	4.15	4.42	4.57	4.65	3.71	3.52	3.27	3.03	2.70	2.51
	-2.54	-2.83	-2.13	-2.60	-1.85	-1.04	-1.40	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
GENESE	19.22	14.89	14.49	13.02	14.29	15.65	18.06	21.48	23.47	25.71	26.97	28.95	30.74	32.61	34.99	37.64	38.80	38.68	33.23	31.06	29.60	27.38	23.12	20.73
61753	0.08	0.14	0.13	0.06	0.06	0.00	0.04	-0.11	0.07	0.23	0.35	0.45	0.54	0.64	0.42	0.48	0.38	0.23	0.40	0.40	0.18	0.35	0.05	-0.02
	-0.31	-0.35	-0.26	-0.32	-0.23	-0.13	-0.17	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
H Q	18.04	13.28	13.48	12.08	13.39	14.56	16.18	19.53	21.19	22.88	23.20	24.98	25.70	27.49	32.00	34.26	34.64	35.42	30.41	28.29	27.16	24.90	21.08	18.87
61844	-0.79	-0.63	-0.62	-0.56	-0.62	-0.65	-0.77	-0.93	-0.98	-1.09	-1.14	-1.20	-1.27	-1.31	-1.49	-1.60	-1.69	-1.69	-1.35	-1.32	-1.21	-1.13	-0.95	-0.85
	0.00	0.48	0.00	0.00	0.00	0.31	0.91	1.13	1.23	1.50	2.28	2.32	3.23	3.17	1.09	1.30	2.08	1.34	1.08	1.05	1.05	1.00	1.04	1.02
HUD VL	23.38	18.79	17.71	16.54	17.33	18.18	21.09	23.96	25.88	28.13	29.55	31.60	33.52	35.43	38.62	41.47	42.90	43.03	36.45	34.00	32.60	29.87	25.54	22.97
61758	2.02	1.57	1.49	1.31	1.47	1.63	1.84	2.37	2.48	2.65	2.93	3.11	3.32	3.45	4.04	4.31	4.49	4.57	3.61	3.34	3.18	2.84	2.47	2.22
	-2.53	-2.82	-2.12	-2.59	-1.85	-1.03	-1.39	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
LONGIL	31.86	21.04	20.08	18.64	18.57	20.51	23.12	25.76	27.67	30.94	31.65	37.50	41.92	52.00	54.98	64.57	80.56	73.65	53.35	47.56	41.95	34.94	32.68	31.02
61762	2.88	2.22	2.13	1.88	2.07	2.31	2.66	3.45	3.72	4.00	4.29	4.56	4.80	5.02	5.67	6.09	6.30	6.38	5.19	4.88	4.56	4.24	3.74	3.36
	-10.15	-4.43	-3.86	-4.12	-2.49	-2.68	-2.60	-0.72	-0.55	-1.46	-0.74	-4.45	-6.92	-15.01	-14.73	-21.32	-35.85	-28.81	-15.33	-12.03	-7.97	-3.66	-5.87	-6.91
MHK VL	19.81	15.28	14.85	13.41	14.71	16.17	18.62	22.26	24.20	26.35	27.61	29.58	31.45	33.45	35.96	38.65	39.95	39.97	33.99	31.79	30.51	28.03	23.83	21.39
61756	0.53	0.39	0.38	0.32	0.38	0.47	0.54	0.67	0.80	0.87	0.99	1.08	1.18	1.31	1.38	1.49	1.54	1.54	1.15	1.14	1.09	1.00	0.76	0.64
	-0.45	-0.50	-0.37	-0.46	-0.32	-0.18	-0.23	0.00	0.00	0.00	0.00	0.00	-0.08	-0.17	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	23.58	18.91	17.85	16.66	17.45	18.30	21.23	24.11	26.07	28.28	29.71	31.77	33.70	35.61	38.86	41.95	43.14	43.26	36.61	34.21	32.71	30.01	25.70	23.15
61759	2.18	1.65	1.61	1.40	1.57	1.74	1.96	2.52	2.67	2.80	3.09	3.28	3.50	3.64	4.29	4.80	4.72	4.81	3.77	3.55	3.29	2.97	2.63	2.41
	-2.57	-2.85	-2.14	-2.62	-1.87	-1.04	-1.41	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
N.Y.C.	23.77	19.04	18.02	16.80	17.59	18.43	21.41	24.39	26.40	28.64	30.15	32.93	34.46	35.93	39.73	42.29	43.76	44.00	37.11	34.52	33.85	30.50	27.03	23.55
61761	2.39	1.81	1.79	1.57	1.72	1.88	2.16	2.81	3.00	3.16	3.51	3.65	3.84	3.96	4.49	4.80	4.96	5.00	3.97	3.86	3.62	3.43	3.05	2.78
	-2.55	-2.83	-2.13	-2.60	-1.85	-1.04	-1.40	0.00	0.00	0.00	-0.01	-0.79	-0.42	0.00	-0.66	-0.34	-0.39	-0.55	-0.31	0.00	-0.81	-0.03	-0.92	-0.02
NORTH	17.50	13.32	13.04	11.70	12.96	14.43	16.55	20.01	21.81	23.77	24.81	26.70	28.26	30.08	32.29	34.59	35.65	35.32	30.73	28.57	27.62	25.28	21.64	19.38
61755	-1.34	-1.08	-1.06	-0.93	-1.05	-1.09	-1.30	-1.57	-1.59	-1.71	-1.81	-1.79	-1.93	-1.89	-2.28	-2.56	-2.77	-2.92	-2.10	-2.09	-1.80	-1.76	-1.43	-1.37
	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	0.21	0.00	0.00	0.00	0.00	0.00	0.00
NPX	23.49	19.03	17.87	16.82	17.44	18.12	21.09	23.53	25.34	27.57	28.78	30.77	32.58	34.43	37.41	40.21	41.60	41.76	35.56	33.23	31.83	29.17	24.98	22.53
61845	1.66	1.30	1.27	1.12	1.25	1.38	1.59	1.94	1.94	2.09	2.16	2.28	2.38	2.46	2.84	3.05	3.19	3.31	2.72	2.58	2.41	2.14	1.91	1.78
	-3.00	-3.34	-2.51	-3.06	-2.18	-1.22	-1.65	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

OH 61846	19.22	15.07	14.61	13.18	14.42	15.63	18.00	21.18	23.00	24.80	25.11	26.18	26.52	27.43	31.13	33.75	36.09	37.43	32.25	30.24	28.83	26.68	22.54	20.25
	-0.04	0.20	0.16	0.11	0.10	-0.06	-0.09	-0.41	-0.40	-0.20	-0.03	0.00	0.03	0.00	-0.21	-0.18	-0.46	-0.81	-0.59	-0.37	-0.59	-0.35	-0.53	-0.50
	-0.43	-0.47	-0.36	-0.43	-0.31	-0.17	-0.23	0.00	0.00	0.47	1.49	2.31	3.71	4.54	3.24	3.22	1.86	0.21	0.00	0.05	0.00	0.00	0.00	0.00
PJM 61847	21.60	17.15	16.38	15.09	16.09	17.14	19.85	22.88	24.78	27.21	29.07	31.39	33.86	36.11	38.24	40.99	41.63	40.85	34.71	32.52	31.07	28.17	24.00	21.56
	1.22	1.04	0.99	0.87	0.95	0.99	1.14	1.30	1.38	1.53	1.81	1.91	2.02	2.08	2.28	2.45	2.42	2.31	1.87	1.84	1.65	1.14	0.88	0.81
	-1.55	-1.72	-1.29	-1.58	-1.13	-0.63	-0.85	0.00	0.00	-0.20	-0.64	-0.99	-1.64	-2.06	-1.39	-1.38	-0.80	-0.09	0.00	-0.02	0.00	0.00	-0.06	0.00
WEST 61752	19.60	15.39	14.89	13.43	14.70	15.95	18.40	21.74	23.70	27.80	33.02	38.00	45.00	49.92	47.53	50.11	46.02	39.51	33.17	31.34	29.63	27.44	23.12	20.66
	0.36	0.53	0.45	0.38	0.39	0.26	0.32	0.15	0.28	0.61	0.83	0.88	0.97	0.99	0.86	0.93	0.65	0.27	0.33	0.49	0.21	0.41	0.05	-0.08
	-0.41	-0.46	-0.34	-0.42	-0.30	-0.17	-0.23	0.00	-0.02	-1.71	-5.57	-8.62	-13.84	-16.96	-12.09	-12.02	-6.96	-0.78	0.00	-0.19	0.00	0.00	0.00	0.00