

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/30/2017

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	16.41	18.15	16.94	15.89	12.80	15.81	23.81	30.17	28.63	28.78	29.73	27.45	24.48	24.41	23.91	24.64	27.87	31.44	35.89	33.01	27.77	24.15	19.58	18.24
61757	0.66	0.54	0.39	0.44	0.54	0.78	1.41	1.62	1.69	1.74	1.60	1.60	1.42	1.42	1.39	1.34	1.47	1.81	2.19	2.00	1.63	1.39	1.12	0.78
	-5.19	-8.64	-10.23	-8.25	-3.78	-2.63	0.00	-0.67	-0.20	-0.24	-2.81	-0.80	-0.46	-0.79	-0.82	-2.41	-3.43	-1.75	-0.96	-0.77	-0.78	-0.73	-0.70	-3.98
CENTRL	11.18	9.94	7.41	8.11	8.96	12.76	22.69	28.16	26.88	26.89	25.66	25.12	22.64	22.20	21.70	21.07	23.24	27.97	32.83	30.46	25.40	22.05	17.80	13.94
61754	0.09	0.10	0.06	0.07	0.09	0.10	0.29	0.28	0.13	0.08	0.05	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.10	0.21	0.03	0.02	0.02	0.09
	-0.52	-0.87	-1.03	-0.83	-0.38	-0.27	0.00	0.00	0.00	-0.01	-0.28	-0.03	0.00	0.00	-0.01	-0.18	-0.28	-0.08	0.00	0.00	0.00	0.00	-0.01	-0.37
DUNWOD	15.16	15.77	13.95	13.55	11.85	15.34	24.46	30.56	29.53	29.68	29.98	27.91	24.89	24.45	24.03	24.26	27.24	31.49	36.27	33.45	28.22	24.45	19.77	17.32
61760	1.02	0.85	0.59	0.67	0.76	1.13	2.06	2.68	2.76	2.81	2.79	2.71	2.35	2.31	2.26	2.21	2.50	3.04	3.54	3.20	2.82	2.40	1.90	1.33
	-3.57	-5.95	-7.04	-5.68	-2.60	-1.81	0.00	0.00	-0.03	-0.07	-1.87	-0.16	0.05	0.06	-0.08	-1.16	-1.77	-0.56	0.00	0.00	-0.03	-0.02	-0.10	-2.51
GENESE	10.81	9.56	7.03	7.76	8.70	12.40	22.26	27.63	26.08	26.03	24.76	24.34	21.96	21.48	21.00	20.35	22.42	27.00	31.82	29.70	24.61	21.37	17.34	13.55
61753	-0.16	-0.08	-0.09	-0.08	-0.08	-0.20	-0.13	-0.25	-0.67	-0.78	-0.79	-0.73	-0.63	-0.71	-0.69	-0.67	-0.76	-0.95	-0.92	-0.54	-0.76	-0.66	-0.44	-0.22
	-0.40	-0.67	-0.79	-0.64	-0.29	-0.20	0.00	0.00	0.00	0.00	-0.21	-0.02	0.00	0.00	-0.01	-0.14	-0.21	-0.06	0.00	0.00	0.00	0.00	-0.01	-0.29
H Q	8.74	8.66	6.12	6.97	6.52	10.27	19.48	22.66	23.93	23.02	22.82	20.96	18.91	16.40	16.22	16.07	17.64	21.01	25.50	24.31	19.55	16.60	13.59	11.00
61844	-0.36	-0.31	-0.20	-0.24	-0.28	-0.40	-0.69	-0.81	-0.78	-0.78	-0.74	-0.73	-0.63	-0.60	-0.58	-0.58	-0.64	-0.78	-0.92	-0.88	-0.71	-0.62	-0.52	-0.40
	1.46	0.00	0.00	0.00	1.69	1.73	2.22	4.41	2.04	3.01	1.77	3.36	3.05	5.20	4.88	4.23	4.69	6.09	6.32	5.06	5.11	4.81	3.66	2.07
HUD VL	15.12	15.72	13.91	13.52	11.84	15.34	24.48	30.53	29.39	29.55	29.86	27.82	24.78	24.34	23.84	24.13	27.08	31.40	36.20	33.36	28.06	24.28	19.65	17.21
61758	1.00	0.83	0.59	0.68	0.76	1.14	2.08	2.65	2.67	2.73	2.68	2.63	2.26	2.22	2.17	2.11	2.39	2.95	3.47	3.12	2.72	2.27	1.79	1.24
	-3.55	-5.91	-7.00	-5.64	-2.58	-1.80	0.00	0.00	0.03	-0.01	-1.85	-0.15	0.07	0.08	0.02	-1.14	-1.73	-0.56	0.00	0.00	0.03	0.02	-0.09	-2.50
LONGIL	19.51	17.37	16.55	14.40	15.37	17.37	25.20	31.49	31.38	31.59	32.09	30.25	27.66	27.29	27.32	27.22	31.69	38.34	47.42	43.58	40.05	31.98	23.58	23.49
61762	1.45	1.19	0.83	0.94	1.09	1.61	2.80	3.60	3.50	3.64	3.57	3.41	3.01	2.98	3.04	2.90	3.19	3.90	4.81	4.23	3.55	3.02	2.59	1.86
	-7.50	-7.21	-9.39	-6.26	-5.80	-3.36	-0.01	-0.01	-1.13	-1.15	-3.19	-1.80	-2.05	-2.12	-2.60	-3.43	-5.53	-6.56	-9.87	-9.10	-11.13	-6.93	-3.22	-8.16
MHK VL	11.11	9.79	7.27	7.98	8.87	12.73	22.78	26.10	26.60	26.76	25.85	23.69	21.34	19.77	19.38	19.00	20.98	25.19	29.95	28.08	22.98	19.80	16.05	12.80
61756	0.07	0.04	0.03	0.03	0.04	0.10	0.38	0.53	0.56	0.56	0.40	0.38	0.34	0.29	0.24	0.17	0.23	0.42	0.52	0.48	0.28	0.29	0.18	0.09
	-0.47	-0.78	-0.92	-0.74	-0.34	-0.24	0.00	2.31	0.71	0.61	-0.12	1.73	1.59	2.72	2.55	2.05	2.21	3.11	3.30	2.65	2.67	2.52	1.90	0.76
MILLWD	15.18	15.83	14.02	13.61	11.87	15.33	24.44	30.56	29.43	29.59	29.98	27.85	24.78	24.36	23.84	24.17	27.18	31.52	36.33	33.45	28.12	24.37	19.71	17.35
61759	1.00	0.84	0.59	0.67	0.76	1.10	2.04	2.68	2.73	2.79	2.79	2.68	2.28	2.27	2.19	2.15	2.50	3.07	3.60	3.20	2.79	2.36	1.85	1.33
	-3.61	-6.01	-7.12	-5.74	-2.63	-1.83	0.00	0.00	0.04	0.00	-1.87	-0.13	0.10	0.10	0.04	-1.13	-1.71	-0.57	0.00	0.00	0.04	0.02	-0.09	-2.54
N.Y.C.	15.31	15.88	14.03	13.64	11.94	15.44	24.66	30.81	30.38	30.62	31.47	30.19	29.50	29.39	26.60	26.60	30.09	31.78	36.53	33.72	29.00	24.98	19.95	17.49
61761	1.16	0.95	0.66	0.75	0.85	1.23	2.26	2.93	3.02	3.16	3.04	2.98	2.60	2.55	2.49	2.44	2.73	3.32	3.80	3.48	3.09	2.62	2.06	1.50
	-3.58	-5.96	-7.05	-5.69	-2.60	-1.81	0.00	0.00	-0.62	-0.65	-3.10	-2.17	-4.30	-4.65	-2.41	-3.27	-4.39	-0.58	0.00	0.00	-0.54	-0.33	-0.13	-2.52
NORTH	9.85	8.34	5.93	6.73	7.93	11.63	21.12	10.00	20.26	20.96	23.00	11.18	10.00	1.69	2.37	4.04	4.32	3.76	7.46	9.77	5.00	2.95	3.17	5.00
61755	-0.72	-0.64	-0.39	-0.48	-0.56	-0.77	-1.28	-1.59	-1.50	-1.53	-1.47	-1.45	-1.33	-1.31	-1.28	-1.23	-1.33	-1.62	-1.93	-1.78	-1.50	-1.30	-1.08	-0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.29	4.99	4.31	0.86	12.40	11.26	19.20	18.04	15.61	17.31	22.51	23.34	18.69	18.87	17.78	13.51	7.65
NPX	15.87	17.10	15.62	14.86	12.39	15.64	24.10	30.00	28.93	29.04	29.83	27.40	24.49	24.06	23.61	24.19	27.30	30.94	35.51	32.73	27.54	23.87	19.36	17.69
61845	0.82	0.67	0.47	0.54	0.64	0.97	1.70	2.12	2.17	2.17	2.08	2.08	1.85	1.82	1.80	1.73	1.91	2.34	2.78	2.48	2.16	1.83	1.47	1.04
	-4.48	-7.45	-8.83	-7.12	-3.26	-2.27	0.00	0.00	-0.02	-0.07	-2.43	-0.28	-0.04	-0.04	-0.12	-1.57	-2.43	-0.71	0.00	0.00	-0.02	-0.01	-0.12	-3.18

O H 61846	10.98	9.83	7.34	8.01	8.83	12.46	22.26	27.41	25.57	25.44	24.35	23.87	21.58	21.09	20.66	20.17	22.17	26.44	31.29	29.40	24.31	21.11	17.14	13.59
	-0.13	-0.04	-0.04	-0.04	-0.05	-0.21	-0.13	-0.47	-1.18	-1.37	-1.27	-1.20	-1.02	-1.11	-1.04	-0.90	-1.08	-1.53	-1.44	-0.85	-1.06	-0.92	-0.64	-0.28
	-0.54	-0.89	-1.06	-0.85	-0.39	-0.27	0.00	0.00	0.00	-0.01	-0.29	-0.03	0.00	0.00	-0.01	-0.18	-0.28	-0.08	0.00	0.00	0.00	0.00	-0.02	-0.40
PJM 61847	13.77	13.77	11.72	11.69	10.84	14.39	23.79	29.53	28.36	28.39	28.44	27.07	24.82	24.45	23.39	23.36	26.05	29.88	34.73	32.21	27.07	23.42	18.92	16.10
	0.67	0.57	0.39	0.45	0.50	0.71	1.39	1.64	1.52	1.47	1.52	1.48	1.26	1.22	1.21	1.21	1.35	1.59	2.00	1.96	1.63	1.34	1.08	0.82
	-2.54	-4.23	-5.01	-4.04	-1.85	-1.29	0.00	0.00	-0.09	-0.12	-1.59	-0.55	-0.96	-1.04	-0.49	-1.27	-1.73	-0.40	0.00	0.00	-0.08	-0.05	-0.07	-1.81
WEST 61752	11.14	9.96	7.42	8.11	8.97	12.67	22.80	28.13	26.21	26.08	24.95	24.50	22.14	21.64	21.18	20.64	22.69	27.05	32.11	30.22	24.91	21.61	17.52	13.83
	0.05	0.13	0.07	0.08	0.10	0.01	0.40	0.25	-0.53	-0.72	-0.66	-0.57	-0.45	-0.55	-0.52	-0.42	-0.55	-0.92	-0.62	-0.03	-0.46	-0.42	-0.27	-0.03
	-0.52	-0.87	-1.03	-0.83	-0.38	-0.26	0.00	0.00	0.00	-0.01	-0.28	-0.03	0.00	0.00	-0.01	-0.18	-0.27	-0.08	0.00	0.00	0.00	0.00	-0.01	-0.39