

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/28/2019

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	14.92	11.23	9.69	9.12	9.93	11.20	18.44	19.67	19.26	19.33	20.37	19.49	18.26	17.89	17.08	17.94	18.81	23.48	27.98	27.53	21.76	18.60	16.45	15.15
61757	0.76	0.71	0.50	0.48	0.54	0.67	1.32	1.34	1.26	1.26	1.42	1.33	1.21	1.15	1.09	1.16	1.25	1.45	1.80	1.85	1.50	1.35	1.08	1.00
	-3.58	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
CENTRL	11.22	10.67	9.33	8.76	9.55	10.77	17.68	19.05	18.75	18.86	19.63	18.97	17.67	17.36	16.60	17.32	18.15	22.96	27.30	26.71	21.06	17.80	15.78	14.46
61754	0.20	0.15	0.14	0.12	0.15	0.24	0.53	0.62	0.59	0.58	0.53	0.54	0.49	0.50	0.45	0.47	0.49	0.66	0.81	0.77	0.61	0.48	0.40	0.31
	-0.44	0.00	0.00	0.00	0.00	0.00	-0.03	-0.09	-0.15	-0.22	-0.15	-0.26	-0.13	-0.12	-0.16	-0.07	-0.09	-0.28	-0.32	-0.26	-0.19	-0.06	0.00	0.00
DUNWOD	14.11	11.39	9.87	9.28	10.06	11.37	18.66	20.02	19.84	19.91	20.90	19.97	18.74	18.36	17.51	18.45	19.36	24.25	28.82	28.33	22.31	18.95	16.76	15.47
61760	0.94	0.86	0.68	0.64	0.67	0.84	1.54	1.69	1.84	1.84	1.95	1.80	1.69	1.62	1.52	1.66	1.79	2.22	2.64	2.65	2.05	1.69	1.38	1.33
	-2.59	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
GENESE	10.93	10.50	9.19	8.64	9.41	10.64	17.37	18.31	17.48	17.04	18.21	16.81	16.58	16.34	15.22	16.66	17.30	20.63	24.74	24.54	19.50	17.25	15.62	14.29
61753	0.02	-0.02	0.00	0.00	0.01	0.12	0.38	0.66	0.54	0.51	0.34	0.47	0.41	0.42	0.35	0.37	0.40	0.57	0.78	0.67	0.59	0.45	0.25	0.16
	-0.33	0.00	0.00	0.00	0.00	0.00	0.13	0.68	1.06	1.53	1.08	1.83	0.88	0.82	1.12	0.49	0.67	1.96	2.22	1.80	1.35	0.45	0.01	0.01
H Q	10.23	10.23	8.99	8.45	9.19	10.23	16.50	17.73	17.41	17.49	18.32	17.57	16.49	16.20	15.49	16.25	16.98	21.34	25.34	24.84	19.59	16.65	14.86	13.66
61844	-0.35	-0.29	-0.20	-0.19	-0.21	-0.29	-0.60	-0.60	-0.59	-0.58	-0.62	-0.60	-0.56	-0.54	-0.50	-0.54	-0.58	-0.68	-0.84	-0.85	-0.67	-0.60	-0.52	-0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.02	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	13.99	11.29	9.78	9.20	9.99	11.25	18.51	19.67	19.41	19.48	20.46	19.55	18.35	18.00	17.19	18.08	18.97	23.81	28.32	27.84	21.90	18.60	16.47	15.32
61758	0.83	0.77	0.59	0.56	0.59	0.73	1.39	1.34	1.41	1.41	1.52	1.38	1.30	1.26	1.20	1.29	1.41	1.78	2.15	2.16	1.64	1.35	1.09	1.17
	-2.59	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
LONGIL	18.42	17.05	16.48	16.39	16.86	18.27	20.16	25.84	26.24	25.74	27.01	25.15	24.60	23.03	23.05	23.63	27.51	31.70	43.00	33.94	28.47	27.02	20.68	16.93
61762	1.22	1.16	0.93	0.88	0.93	1.13	2.02	2.16	2.30	2.31	2.31	2.12	1.98	1.91	1.81	1.96	2.12	2.66	3.19	3.16	2.51	2.02	1.83	1.74
	-6.63	-5.37	-6.36	-6.87	-6.54	-6.62	-1.02	-5.34	-5.93	-5.36	-5.76	-4.86	-5.57	-4.39	-5.26	-4.88	-7.82	-7.01	-13.63	-5.10	-5.70	-7.75	-3.47	-1.05
MHK VL	11.18	10.65	9.30	8.73	9.50	10.71	17.58	18.99	18.60	18.65	19.53	18.71	17.56	17.23	16.44	17.27	18.07	22.77	27.09	26.56	20.83	17.67	15.70	14.41
61756	0.15	0.13	0.11	0.10	0.10	0.19	0.44	0.66	0.59	0.58	0.59	0.54	0.51	0.49	0.45	0.49	0.51	0.75	0.92	0.87	0.57	0.41	0.32	0.27
	-0.45	0.00	0.00	0.00	0.00	0.00	-0.01	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
MILLWD	14.09	11.36	9.83	9.24	10.03	11.30	18.60	19.93	19.75	19.80	20.80	19.87	18.62	18.25	17.41	18.33	19.23	24.14	28.71	28.20	22.19	18.84	16.67	15.40
61759	0.90	0.83	0.64	0.60	0.63	0.78	1.47	1.59	1.75	1.73	1.86	1.71	1.57	1.51	1.42	1.54	1.67	2.11	2.54	2.52	1.93	1.59	1.29	1.26
	-2.61	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
N.Y.C.	14.23	11.48	9.93	9.34	10.13	11.44	18.78	20.22	20.20	21.94	22.09	21.64	20.96	20.89	20.71	20.95	21.16	24.51	29.13	28.64	22.55	19.15	16.98	15.63
61761	1.06	0.96	0.74	0.70	0.73	0.92	1.66	1.89	2.07	2.08	2.20	2.05	1.91	1.86	1.76	1.90	2.04	2.49	2.96	2.95	2.29	1.90	1.60	1.48
	-2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-1.80	-0.95	-1.43	-2.00	-2.30	-2.96	-2.26	-1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	10.01	10.03	8.84	8.31	9.04	10.08	15.81	17.14	16.80	16.91	17.75	17.00	15.94	15.72	15.11	15.78	16.42	20.77	24.63	24.11	19.00	16.05	14.32	13.15
61755	-0.57	-0.49	-0.35	-0.33	-0.36	-0.44	-1.23	-1.19	-1.21	-1.16	-1.19	-1.16	-1.11	-1.02	-0.88	-1.01	-1.14	-1.25	-1.54	-1.57	-1.26	-1.21	-1.06	-0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.08	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	14.41	12.30	16.13	15.00	16.24	17.82	22.86	26.78	25.09	23.55	23.50	21.56	20.69	20.56	20.50	20.70	22.88	28.53	30.83	28.77	21.80	18.60	16.50	15.25
61845	0.78	0.76	0.45	0.43	0.47	0.59	1.08	1.04	1.03	1.03	1.16	1.09	1.01	0.95	0.91	0.97	1.05	1.21	1.46	1.49	1.54	1.35	1.12	1.10
	-3.05	-1.02	-6.49	-5.93	-6.37	-6.71	-4.66	-7.40	-6.06	-4.45	-3.40	-2.30	-2.63	-2.87	-3.60	-2.94	-4.26	-5.30	-3.19	-1.60	0.00	0.00	0.00	0.00

OH 61846	9.95	9.87	9.23	8.69	9.47	10.74	14.00	15.40	17.90	15.40	14.66	14.10	13.78	13.23	13.16	13.36	15.39	20.23	23.00	23.00	19.63	17.00	14.00	12.00
	0.04	0.01	0.04	0.05	0.07	0.24	0.46	0.62	0.50	0.49	0.38	0.45	0.41	0.43	0.37	0.39	0.40	0.42	0.52	0.46	0.55	0.43	0.22	0.16
	0.67	0.67	0.00	0.00	0.00	0.03	3.59	3.56	0.61	3.16	4.66	4.52	3.68	3.94	3.20	3.81	2.58	2.21	3.70	3.15	1.18	0.68	1.59	2.30
PJM 61847	12.59	10.99	9.57	9.00	9.80	11.09	18.39	20.51	20.80	21.67	21.84	22.17	19.60	19.19	18.85	18.75	19.80	26.33	31.12	30.01	23.60	19.01	16.22	14.93
	0.52	0.46	0.38	0.36	0.40	0.57	1.08	1.19	1.21	1.19	1.21	1.16	1.09	1.07	0.99	1.08	1.14	1.37	1.62	1.62	1.32	1.09	0.83	0.78
	-1.50	0.00	0.00	0.00	0.00	0.00	-0.19	-0.99	-1.59	-2.41	-1.68	-2.84	-1.46	-1.38	-1.87	-0.89	-1.10	-2.94	-3.33	-2.70	-2.02	-0.67	-0.01	-0.01
WEST 61752	11.22	10.70	9.37	8.82	9.64	11.00	18.77	23.00	24.64	27.16	25.57	28.80	22.64	22.00	22.71	20.28	22.00	33.40	39.11	36.39	28.51	20.57	16.03	14.65
	0.21	0.18	0.18	0.18	0.24	0.47	1.01	1.26	1.10	1.08	0.98	1.05	0.97	0.99	0.88	0.92	0.97	1.10	1.31	1.26	1.20	0.98	0.63	0.49
	-0.43	0.00	0.00	0.00	0.00	0.00	-0.64	-3.40	-5.54	-8.01	-5.64	-9.58	-4.62	-4.27	-5.84	-2.57	-3.47	-10.28	-11.63	-9.45	-7.05	-2.33	-0.02	-0.01