

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/26/2019

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	16.19	14.59	13.66	12.41	12.35	13.07	15.82	16.65	18.00	18.36	17.16	16.79	16.59	15.22	14.05	14.31	16.40	19.64	22.93	21.65	18.58	17.08	15.74	17.30
61757	1.13	0.87	0.88	0.87	0.89	0.96	1.19	1.30	1.30	1.34	1.23	1.13	1.11	1.04	0.99	1.02	1.21	1.49	1.78	1.71	1.44	1.29	1.14	0.81
	-1.01	-2.65	-1.69	-0.53	-0.22	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	-5.37
CENTRL	14.41	11.59	11.49	11.25	11.48	12.36	14.95	15.70	17.15	17.48	16.35	16.05	15.86	14.49	13.31	13.51	15.45	18.49	21.58	20.33	17.47	16.05	14.81	11.97
61754	0.22	0.19	0.19	0.18	0.20	0.24	0.31	0.35	0.45	0.46	0.41	0.39	0.39	0.30	0.25	0.23	0.27	0.34	0.42	0.40	0.32	0.27	0.20	0.19
	-0.13	-0.33	-0.21	-0.07	-0.03	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	-0.67
DUNWOD	16.05	13.97	13.31	12.37	12.40	13.16	15.88	16.64	18.18	18.55	17.39	17.17	16.92	15.55	14.34	14.59	16.68	20.00	23.31	22.03	18.96	17.41	16.09	16.10
61760	1.27	0.98	1.00	0.98	1.00	1.04	1.24	1.29	1.49	1.53	1.45	1.50	1.44	1.36	1.28	1.30	1.50	1.85	2.16	2.09	1.82	1.63	1.49	1.10
	-0.73	-1.92	-1.22	-0.38	-0.16	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	-3.88
GENESE	14.08	11.27	11.23	11.00	11.25	12.16	14.74	15.48	17.05	17.35	16.19	15.88	15.67	14.34	13.15	13.35	15.25	18.15	21.13	19.97	17.16	15.73	14.47	11.63
61753	-0.07	-0.04	-0.02	-0.05	-0.02	0.05	0.10	0.14	0.35	0.34	0.25	0.22	0.20	0.16	0.09	0.07	0.08	0.00	-0.02	0.04	0.02	-0.05	-0.13	0.01
	-0.09	-0.25	-0.16	-0.05	-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	0.00	-0.50
H Q	13.59	10.70	10.71	10.65	10.85	11.70	12.16	14.84	16.15	15.88	15.05	15.05	14.98	13.73	12.25	12.25	14.69	16.44	18.35	17.28	15.37	13.23	14.09	10.74
61844	-0.46	-0.36	-0.38	-0.36	-0.39	-0.41	-0.48	-0.51	-0.55	-0.55	-0.51	-0.50	-0.50	-0.45	-0.42	-0.43	-0.49	-0.58	-0.68	-0.66	-0.57	-0.55	-0.51	-0.38
	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.59	0.38	0.11	0.00	0.00	0.39	0.61	0.00	1.13	2.13	2.00	1.21	2.00	0.00	0.00
HUD VL	15.93	13.87	13.21	12.27	12.31	13.06	15.77	16.48	18.00	18.34	17.18	16.92	16.68	15.32	14.13	14.40	16.47	19.78	23.10	21.81	18.77	17.23	15.92	15.97
61758	1.14	0.89	0.90	0.88	0.91	0.95	1.13	1.14	1.30	1.33	1.24	1.25	1.21	1.14	1.07	1.12	1.29	1.63	1.95	1.87	1.63	1.45	1.31	0.98
	-0.73	-1.92	-1.22	-0.38	-0.16	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	-3.88
LONGIL	21.24	19.41	19.17	18.13	19.03	19.05	24.16	25.66	26.94	25.00	24.16	23.55	23.19	22.77	22.75	22.78	22.79	28.16	34.35	29.00	25.96	23.41	21.56	18.89
61762	1.67	1.33	1.33	1.29	1.34	1.40	1.68	1.69	1.95	1.97	1.83	1.85	1.79	1.67	1.57	1.61	1.85	2.36	2.64	2.55	2.25	1.97	1.88	1.41
	-5.51	-7.01	-6.74	-5.84	-6.44	-5.53	-7.84	-8.63	-8.29	-6.01	-6.39	-6.04	-5.92	-6.91	-8.12	-7.89	-5.76	-7.66	-10.55	-6.51	-6.57	-5.66	-5.07	-6.37
MHK VL	14.46	11.61	11.49	11.26	11.47	12.34	15.00	15.73	17.20	17.51	16.38	16.05	15.86	14.49	13.32	13.56	15.53	18.66	21.77	20.51	17.55	16.13	14.89	12.00
61756	0.27	0.20	0.18	0.19	0.19	0.23	0.37	0.38	0.50	0.49	0.45	0.39	0.39	0.30	0.26	0.28	0.35	0.51	0.61	0.58	0.41	0.35	0.29	0.19
	-0.13	-0.34	-0.22	-0.07	-0.03	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	-0.70
MILLWD	16.03	13.97	13.29	12.37	12.38	13.12	15.85	16.58	18.15	18.48	17.32	17.10	16.84	15.44	14.24	14.49	16.61	19.96	23.27	21.97	18.84	17.33	16.00	16.08
61759	1.24	0.96	0.96	0.97	0.98	1.00	1.21	1.23	1.45	1.46	1.39	1.44	1.36	1.25	1.18	1.21	1.43	1.81	2.12	2.03	1.70	1.55	1.40	1.04
	-0.74	-1.94	-1.23	-0.39	-0.16	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	-3.92
N.Y.C.	16.24	14.12	13.43	12.47	12.51	13.25	16.00	16.77	18.33	18.72	17.54	17.32	17.08	15.69	14.47	14.73	16.85	20.20	23.52	22.21	19.15	17.59	16.30	16.26
61761	1.45	1.13	1.12	1.08	1.10	1.14	1.36	1.43	1.64	1.70	1.61	1.66	1.61	1.50	1.41	1.45	1.67	2.05	2.37	2.27	2.00	1.81	1.69	1.26
	-0.73	-1.92	-1.22	-0.38	-0.16	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	-3.89
NORTH	13.36	10.51	10.51	10.45	10.62	11.47	13.92	14.58	15.88	16.25	15.20	14.96	14.78	13.51	12.45	12.67	14.50	17.35	20.18	18.98	16.29	14.90	13.74	10.49
61755	-0.70	-0.55	-0.58	-0.56	-0.63	-0.64	-0.72	-0.77	-0.82	-0.77	-0.73	-0.70	-0.70	-0.68	-0.61	-0.61	-0.68	-0.80	-0.97	-0.96	-0.86	-0.88	-0.86	-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	16.00	14.19	13.40	12.33	12.32	13.03	15.74	16.50	17.95	18.24	17.10	16.82	16.62	15.28	14.11	14.36	16.41	19.65	22.89	21.57	18.60	17.09	15.80	16.54
61845	1.08	0.86	0.88	0.87	0.89	0.92	1.10	1.15	1.25	1.23	1.16	1.16	1.15	1.09	1.05	1.08	1.23	1.51	1.74	1.64	1.46	1.31	1.20	0.86
	-0.86	-2.26	-1.44	-0.45	-0.18	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	-4.57

OH	8.87	8.87	8.87	8.87	8.87	8.87	9.91	10.64	11.82	11.07	10.28	10.14	9.00	8.87	8.00	8.00	9.00	11.14	12.52	13.02	11.20	11.00	10.00	8.87
61846	-0.08	-0.01	0.03	0.00	0.02	0.15	0.16	0.23	0.38	0.37	0.27	0.25	0.20	0.11	0.08	0.03	0.06	-0.04	-0.02	0.04	0.07	-0.08	-0.22	0.02
	5.10	2.19	2.26	2.14	2.40	3.39	4.89	4.94	5.26	6.32	5.93	5.77	6.68	5.43	5.14	5.31	6.24	6.97	8.61	6.95	6.01	4.70	4.38	2.27
PJM	15.11	12.70	12.34	11.75	11.88	12.74	15.40	16.16	17.68	18.02	16.85	16.59	16.34	14.97	13.78	13.99	16.00	19.13	22.30	21.05	18.12	16.60	15.29	13.93
61847	0.63	0.52	0.54	0.52	0.54	0.63	0.76	0.81	0.98	1.00	0.91	0.92	0.87	0.78	0.72	0.70	0.82	0.98	1.14	1.12	0.98	0.82	0.69	0.57
	-0.42	-1.11	-0.71	-0.22	-0.09	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	-2.25
WEST	14.34	11.57	11.52	11.25	11.49	12.50	15.14	15.99	17.57	17.90	16.66	16.35	16.08	14.66	13.45	13.62	15.62	18.55	21.66	20.50	17.64	16.03	14.63	11.96
61752	0.15	0.18	0.22	0.18	0.21	0.39	0.50	0.64	0.87	0.88	0.72	0.69	0.60	0.47	0.39	0.33	0.44	0.40	0.51	0.56	0.50	0.25	0.03	0.19
	-0.13	-0.33	-0.21	-0.06	-0.03	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	-0.01	0.00	0.00	0.00	-0.65