

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/29/2019

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	15.67	12.54	12.55	12.49	13.25	12.69	18.75	20.98	22.04	21.46	21.14	20.83	19.50	18.99	18.65	18.84	20.33	24.60	27.65	27.65	24.76	21.56	18.28	15.74	15.20
61757	0.74	0.72	0.72	0.70	0.72	0.72	1.44	1.55	1.58	1.52	1.46	1.40	1.34	1.33	1.25	1.27	1.35	1.61	1.91	1.77	1.56	1.31	1.03	0.95	
	-4.37	-1.31	-1.32	-1.29	-2.01	-1.77	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	11.30	10.80	10.80	10.77	10.89	10.58	17.73	19.99	21.29	20.55	20.32	20.08	18.76	18.29	17.94	18.04	19.57	24.28	27.35	24.22	20.88	17.42	15.06	14.59	
61754	0.19	0.13	0.12	0.11	0.13	0.16	0.41	0.56	0.61	0.60	0.57	0.58	0.53	0.51	0.50	0.46	0.55	0.78	0.90	0.74	0.58	0.44	0.35	0.34	
	-0.55	-0.16	-0.17	-0.16	-0.25	-0.22	0.00	0.00	-0.22	0.00	-0.06	-0.07	-0.08	-0.11	-0.04	-0.01	-0.04	-0.50	-0.70	-0.50	-0.30	0.00	0.00	0.00	
DUNWOD	14.63	12.33	12.31	12.28	12.81	12.33	18.93	21.41	22.67	22.14	21.87	21.58	20.14	19.55	19.28	19.43	20.97	25.34	28.35	25.33	22.12	18.69	16.08	15.56	
61760	0.91	0.87	0.84	0.84	0.84	0.87	1.61	1.98	2.21	2.19	2.18	2.16	1.98	1.89	1.88	1.86	1.99	2.35	2.60	2.35	2.12	1.71	1.37	1.31	
	-3.16	-0.95	-0.95	-0.93	-1.46	-1.28	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	11.02	10.58	10.55	10.51	10.62	10.36	17.57	19.93	21.02	20.52	19.75	19.52	18.12	17.52	17.62	17.82	19.19	23.34	25.33	21.30	19.28	17.34	14.93	14.50	
61753	0.05	-0.05	-0.08	-0.12	-0.08	0.00	0.26	0.50	0.57	0.60	0.49	0.56	0.51	0.49	0.44	0.32	0.44	0.87	1.08	0.83	0.60	0.37	0.22	0.26	
	-0.41	-0.12	-0.12	-0.12	-0.19	-0.17	0.00	0.00	0.01	0.03	0.43	0.47	0.55	0.63	0.22	0.07	0.23	0.52	1.50	2.52	1.32	0.00	0.00	0.00	
H Q	10.23	10.23	10.23	10.23	10.23	10.23	16.37	18.77	19.73	19.23	19.00	18.70	17.52	17.04	16.66	16.66	18.32	22.19	23.40	22.20	19.16	16.38	14.09	13.74	
61844	-0.33	-0.28	-0.28	-0.27	-0.28	-0.31	-0.61	-0.66	-0.74	-0.72	-0.69	-0.68	-0.64	-0.62	-0.61	-0.58	-0.66	-0.81	-0.90	-0.78	-0.72	-0.59	-0.52	-0.51	
	0.00	0.00	0.00	0.00	0.00	-0.35	0.35	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.13	0.33	0.00	0.00	1.45	0.00	0.12	0.00	0.11	0.00	
HUD VL	14.53	12.23	12.22	12.19	12.73	12.25	18.81	21.04	22.20	21.68	21.44	21.16	19.72	19.16	18.89	19.10	20.61	24.95	27.88	24.94	21.76	18.38	15.83	15.44	
61758	0.81	0.78	0.76	0.76	0.77	0.78	1.49	1.61	1.74	1.73	1.75	1.73	1.56	1.50	1.50	1.53	1.63	1.95	2.14	1.95	1.76	1.41	1.12	1.20	
	-3.15	-0.94	-0.95	-0.93	-1.45	-1.27	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	15.82	15.28	16.75	15.98	16.06	15.63	21.97	27.95	28.57	27.56	27.29	27.19	26.01	25.19	24.73	25.61	27.97	34.56	47.87	35.60	31.56	25.85	20.92	19.53	
61762	1.19	1.16	1.17	1.16	1.15	1.17	2.04	2.43	2.70	2.61	2.50	2.45	2.29	2.21	2.17	2.20	2.35	2.78	3.06	2.78	2.52	2.04	1.75	1.72	
	-4.07	-3.61	-5.07	-4.32	-4.41	-4.27	-2.61	-6.09	-5.41	-5.00	-5.11	-5.31	-5.57	-5.32	-5.16	-5.84	-6.64	-8.78	-19.06	-9.83	-9.04	-6.84	-4.46	-3.56	
MHK VL	11.23	10.78	10.78	10.75	10.86	10.56	17.72	19.97	21.15	20.48	20.22	19.95	18.61	18.07	17.80	17.98	19.44	23.92	26.82	23.68	20.56	17.35	14.98	14.49	
61756	0.14	0.11	0.11	0.08	0.09	0.15	0.40	0.54	0.57	0.54	0.53	0.52	0.45	0.41	0.40	0.40	0.45	0.67	0.77	0.67	0.50	0.37	0.27	0.24	
	-0.54	-0.16	-0.16	-0.16	-0.25	-0.22	0.00	0.00	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	-0.30	-0.02	-0.06	0.00	0.00	0.00	
MILLWD	14.63	12.32	12.29	12.26	12.79	12.29	18.88	21.29	22.53	22.00	21.75	21.45	19.97	19.39	19.12	19.31	20.84	25.20	28.19	25.22	22.04	18.62	15.96	15.50	
61759	0.89	0.85	0.81	0.82	0.81	0.82	1.56	1.87	2.07	2.05	2.07	2.02	1.82	1.73	1.72	1.74	1.86	2.21	2.45	2.23	2.04	1.65	1.25	1.25	
	-3.19	-0.95	-0.96	-0.94	-1.47	-1.29	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.	14.74	12.43	12.39	12.36	12.88	12.40	19.01	21.60	22.87	22.37	22.14	21.99	21.52	21.70	21.70	21.35	22.49	25.65	28.63	25.56	22.36	18.91	16.27	15.72	
61761	1.02	0.97	0.93	0.92	0.91	0.94	1.70	2.18	2.41	2.41	2.40	2.37	2.20	2.10	2.10	2.09	2.26	2.64	2.88	2.57	2.36	1.93	1.56	1.47	
	-3.16	-0.95	-0.95	-0.93	-1.46	-1.28	0.00	0.00	0.00	-0.01	-0.05	-0.20	-1.17	-1.94	-2.20	-1.69	-1.25	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	
NORTH	9.91	9.96	9.92	9.90	9.91	9.57	16.12	18.11	18.97	18.49	18.31	18.05	16.87	16.42	16.20	16.47	17.69	21.39	24.02	21.42	18.06	15.72	12.87	13.16	
61755	-0.64	-0.56	-0.59	-0.60	-0.60	-0.62	-1.19	-1.32	-1.49	-1.46	-1.38	-1.38	-1.29	-1.24	-1.20	-1.11	-1.29	-1.61	-1.72	-1.56	-1.50	-1.26	-1.12	-1.08	
	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	0.00	0.00	0.00	0.44	0.00	0.72	0.00	
NPX	15.05	12.40	12.42	12.37	13.00	12.80	18.34	21.00	22.20	21.60	21.30	21.00	19.66	19.11	18.84	19.05	20.56	24.72	27.68	24.76	21.68	18.40	15.80	15.33	
61845	0.78	0.78	0.79	0.78	0.78	0.78	1.37	1.57	1.74	1.65	1.61	1.57	1.51	1.45	1.44	1.48	1.57	1.73	1.93	1.77	1.68	1.43	1.09	1.08	
	-3.71	-1.11	-1.12	-1.09	-1.71	-1.85	0.35	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	10.93	9.97	9.95	9.87	10.00	10.44	14.00	18.50	19.80	14.00	14.00	14.00	12.60	12.00	12.48	12.60	14.65	19.34	20.00	21.91	19.30	16.48	14.00	12.50
	0.00	-0.09	-0.13	-0.17	-0.14	-0.01	0.03	0.29	0.33	0.36	0.31	0.37	0.38	0.41	0.40	0.25	0.32	0.64	0.67	0.60	0.46	0.22	0.07	0.18
	-0.37	0.45	0.44	0.46	0.38	-0.26	3.35	1.22	0.99	6.30	6.00	5.80	5.94	6.07	5.32	5.22	4.65	4.30	6.42	1.67	1.16	0.71	0.79	1.93
PJM 61847	12.86	11.47	11.45	11.41	11.73	11.73	17.86	20.60	21.74	21.27	21.54	21.38	20.17	19.83	19.04	18.87	20.63	25.32	29.69	28.34	23.34	18.00	15.48	15.04
	0.48	0.41	0.39	0.37	0.38	0.46	0.88	1.17	1.27	1.30	1.26	1.28	1.18	1.17	1.17	1.09	1.22	1.52	1.62	1.49	1.32	1.02	0.76	0.78
	-1.83	-0.55	-0.55	-0.54	-0.84	-1.08	0.34	0.00	-0.01	-0.03	-0.60	-0.67	-0.83	-1.00	-0.48	-0.21	-0.43	-0.81	-2.32	-3.86	-2.02	0.00	0.00	0.00
WEST 61752	11.26	10.73	10.68	10.63	10.77	10.57	17.80	20.31	21.41	21.03	22.64	22.64	21.70	21.57	19.43	18.64	21.02	27.07	35.13	37.42	27.94	17.68	15.15	14.76
	0.17	0.05	0.01	-0.03	0.01	0.16	0.47	0.88	0.92	0.98	0.91	0.95	0.93	0.94	0.92	0.74	0.87	1.33	1.44	1.31	1.08	0.70	0.43	0.50
	-0.53	-0.16	-0.16	-0.16	-0.24	-0.22	-0.01	-0.01	-0.03	-0.10	-2.05	-2.26	-2.62	-2.97	-1.11	-0.33	-1.17	-2.74	-7.94	-13.12	-6.86	-0.01	-0.01	-0.01