

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/20/2019

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	21.71	20.20	20.03	18.97	19.17	19.54	20.15	20.96	20.36	20.23	20.17	20.00	19.61	19.44	19.42	19.65	21.39	24.97	29.96	30.34	25.62	21.98	18.99	18.42
61757	0.83	0.74	0.65	0.65	0.68	0.68	0.90	0.95	1.17	1.15	1.05	1.01	0.99	0.96	0.94	0.88	1.04	1.23	1.51	1.47	1.22	1.05	0.96	0.57
	-5.81	-6.04	-7.19	-6.51	-6.21	-7.12	-4.02	-5.01	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	-4.81
CENTRL	15.81	14.17	13.10	12.61	13.08	12.64	15.79	15.69	19.21	19.00	19.07	19.01	18.57	18.54	18.49	18.81	20.40	23.88	28.41	28.66	24.62	20.83	18.09	13.68
61754	0.02	0.00	0.01	-0.01	0.02	0.01	0.06	0.06	0.02	0.06	0.08	0.08	0.06	0.06	0.02	0.04	0.04	0.14	0.20	0.23	0.22	0.15	0.05	0.04
	-0.72	-0.75	-0.90	-0.81	-0.77	-0.89	-0.50	-0.62	0.00	0.15	0.13	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.25	0.44	0.00	0.25	0.00	-0.60
DUNWOD	20.32	18.74	18.28	17.36	17.63	17.74	19.11	19.63	20.61	20.54	20.58	20.46	20.07	19.89	19.92	20.22	21.90	25.52	30.65	31.01	26.16	22.61	19.45	17.60
61760	0.93	0.83	0.74	0.71	0.72	0.70	0.90	0.90	1.42	1.45	1.45	1.46	1.45	1.40	1.44	1.45	1.55	1.78	2.19	2.14	1.76	1.68	1.41	0.99
	-4.32	-4.49	-5.34	-4.84	-4.61	-5.29	-2.99	-3.72	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	-3.57
GENESE	15.35	13.75	12.69	12.23	12.69	12.23	15.47	15.28	18.84	18.51	18.61	18.66	18.15	18.21	18.14	18.47	19.99	23.48	27.62	27.67	24.20	20.18	17.73	13.25
61753	-0.26	-0.23	-0.17	-0.19	-0.17	-0.18	-0.14	-0.20	-0.34	-0.27	-0.23	-0.21	-0.26	-0.28	-0.33	-0.30	-0.37	-0.26	-0.31	-0.26	-0.20	-0.23	-0.31	-0.23
	-0.54	-0.56	-0.67	-0.61	-0.58	-0.66	-0.37	-0.47	0.00	0.31	0.28	0.13	0.21	0.00	0.00	0.00	0.00	0.00	0.52	0.94	0.01	0.53	0.00	-0.45
H Q	15.07	13.42	12.20	11.81	12.29	11.74	15.23	15.01	19.19	19.09	19.12	19.00	18.62	18.48	18.47	18.77	20.36	23.74	28.45	28.87	24.40	20.93	18.04	13.04
61844	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
	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
HUD VL	20.16	18.59	18.15	17.22	17.50	17.61	18.98	19.45	20.38	20.29	20.42	20.29	19.90	19.74	19.75	20.06	21.72	25.16	30.30	30.69	25.86	22.36	19.25	17.41
61758	0.81	0.72	0.66	0.61	0.64	0.62	0.79	0.75	1.19	1.20	1.30	1.29	1.28	1.26	1.27	1.29	1.36	1.42	1.85	1.82	1.46	1.42	1.21	0.84
	-4.28	-4.45	-5.30	-4.79	-4.58	-5.25	-2.96	-3.69	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	-3.54
LONGIL	25.89	20.81	19.70	17.99	19.61	20.77	21.57	25.64	27.05	24.62	26.35	23.55	25.70	25.97	27.00	27.88	27.97	35.99	44.00	39.00	36.02	29.64	26.19	18.68
61762	1.19	1.07	0.98	0.93	0.97	0.94	1.19	1.19	1.78	1.76	1.80	1.79	1.77	1.74	1.76	1.78	1.89	2.21	2.76	2.74	2.27	2.07	1.71	1.19
	-9.64	-6.32	-6.52	-5.25	-6.35	-8.09	-5.15	-9.44	-6.08	-3.77	-5.43	-2.76	-5.31	-5.75	-6.77	-7.32	-5.72	-10.04	-12.79	-7.39	-9.35	-6.63	-6.44	-4.46
MHK VL	15.76	14.14	13.02	12.60	13.00	12.62	15.64	15.53	19.15	19.09	19.14	19.02	18.64	18.54	18.51	18.83	20.44	23.86	28.63	29.04	24.47	20.83	17.86	13.48
61756	-0.03	-0.03	-0.07	-0.02	-0.06	-0.01	-0.09	-0.10	-0.04	0.00	0.02	0.02	0.02	0.06	0.04	0.06	0.08	0.12	0.17	0.17	0.07	-0.10	-0.18	-0.13
	-0.72	-0.75	-0.90	-0.81	-0.77	-0.89	-0.50	-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	-0.57
MILLWD	20.29	18.73	18.27	17.33	17.61	17.73	19.09	19.59	20.55	20.46	20.52	20.38	20.00	19.81	19.82	20.14	21.80	25.40	30.53	30.92	26.06	22.54	19.36	17.56
61759	0.87	0.79	0.69	0.65	0.68	0.66	0.85	0.84	1.36	1.38	1.40	1.39	1.38	1.33	1.35	1.37	1.45	1.66	2.08	2.05	1.66	1.61	1.32	0.93
	-4.35	-4.52	-5.38	-4.87	-4.65	-5.33	-3.01	-3.75	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	-3.60
N.Y.C.	20.46	18.86	18.38	17.45	17.71	17.83	19.22	19.73	20.72	20.69	20.73	20.63	20.26	20.09	20.10	20.43	22.09	25.64	30.85	31.24	26.35	22.86	19.70	17.77
61761	1.07	0.95	0.84	0.80	0.81	0.80	1.00	1.01	1.54	1.60	1.61	1.63	1.64	1.61	1.63	1.65	1.73	1.90	2.39	2.37	1.95	1.92	1.66	1.16
	-4.32	-4.49	-5.34	-4.84	-4.62	-5.29	-2.99	-3.72	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	-3.57
NORTH	12.87	11.53	10.35	10.29	10.48	10.15	12.91	12.71	16.73	16.63	16.68	16.49	16.07	16.32	16.35	16.63	18.08	21.17	25.01	25.23	21.28	17.19	10.44	10.34
61755	-1.97	-1.65	-1.56	-1.26	-1.56	-1.31	-2.16	-2.10	-2.46	-2.46	-2.45	-2.51	-2.55	-2.16	-2.12	-2.14	-2.28	-2.56	-3.44	-3.64	-3.12	-3.75	-3.39	-2.36
	0.23	0.24	0.28	0.25	0.24	0.28	0.16	0.20	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	4.21	0.33
NPX	20.76	19.23	18.92	17.93	18.17	18.41	19.38	20.00	20.26	20.10	20.06	19.95	19.55	19.37	19.38	19.69	21.37	24.85	29.82	30.20	25.57	22.00	19.01	17.80
61845	0.68	0.60	0.52	0.51	0.53	0.53	0.69	0.68	1.07	1.01	0.94	0.95	0.93	0.89	0.91	0.92	1.02	1.12	1.37	1.33	1.17	1.07	0.97	0.63
	-5.01	-5.21	-6.20	-5.61	-5.35	-6.14	-3.46	-4.32	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	-4.14

OH 61846	12.72	12.41	12.04	11.80	11.80	11.80	11.80	11.84	12.84	13.68	13.53	13.73	12.50	12.80	13.10	13.40	16.10	20.00	24.90	24.00	21.21	14.00	13.14	11.79
	-0.36	-0.28	-0.23	-0.25	-0.21	-0.21	-0.20	-0.22	-0.40	-0.25	-0.19	-0.19	-0.28	-0.28	-0.35	-0.32	-0.43	-0.38	-0.43	-0.40	-0.20	-0.23	-0.31	-0.30
	1.99	0.72	-0.08	-0.24	0.28	-0.27	3.23	2.95	5.94	5.16	5.40	5.07	5.84	5.41	5.02	5.05	3.83	3.36	3.13	4.46	2.99	6.70	4.59	0.94
PJM 61847	17.86	16.29	15.54	14.83	15.20	15.05	17.30	17.51	19.72	19.59	19.67	19.59	19.12	19.07	19.03	19.37	20.93	24.43	29.12	29.35	25.23	21.46	18.63	15.46
	0.30	0.28	0.27	0.24	0.26	0.26	0.35	0.36	0.54	0.63	0.67	0.65	0.60	0.59	0.55	0.60	0.57	0.69	0.88	0.87	0.83	0.75	0.59	0.36
	-2.49	-2.59	-3.08	-2.79	-2.66	-3.05	-1.72	-2.14	0.00	0.13	0.12	0.05	0.09	0.00	0.00	0.00	0.00	0.00	0.22	0.39	-0.01	0.22	0.00	-2.06
WEST 61752	15.65	14.08	13.03	12.54	13.02	12.59	15.81	15.70	19.21	19.02	19.18	19.21	18.61	18.69	18.57	18.92	20.42	24.00	28.30	28.38	24.88	20.75	18.18	13.58
	-0.12	-0.07	-0.04	-0.06	-0.01	-0.01	0.09	0.09	0.02	0.21	0.31	0.32	0.19	0.20	0.09	0.15	0.06	0.26	0.31	0.35	0.46	0.29	0.14	-0.04
	-0.70	-0.73	-0.87	-0.79	-0.75	-0.86	-0.49	-0.61	0.00	0.28	0.25	0.11	0.19	0.00	0.00	0.00	0.00	0.00	0.46	0.83	-0.01	0.48	0.00	-0.58