

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/19/2017

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	22.57	20.82	19.60	18.59	18.62	18.91	29.67	30.06	25.36	26.03	26.84	26.29	25.46	26.21	27.26	26.84	30.67	35.71	39.59	37.41	31.79	25.38	20.86	21.65
61757	0.60	0.50	0.43	0.46	0.50	0.75	1.49	1.43	1.27	1.26	1.24	1.23	1.15	1.17	1.15	1.10	1.14	1.26	1.64	1.77	1.38	1.14	0.86	0.74
	-5.84	-6.95	-7.78	-5.58	-4.95	0.00	0.00	0.00	-0.02	0.00	-0.69	0.00	-0.76	-1.22	-3.16	-2.78	-6.23	-9.82	-7.02	-2.13	-3.32	-1.00	0.00	-2.97
CENTRL	16.79	14.18	12.28	13.19	13.74	18.20	28.32	28.69	24.02	24.69	24.93	25.01	23.57	23.92	23.25	23.24	23.94	25.71	31.64	33.65	27.42	23.28	19.88	18.24
61754	-0.02	0.00	0.00	0.00	0.00	0.04	0.14	0.06	-0.05	-0.07	-0.05	-0.05	-0.07	-0.05	-0.07	-0.05	-0.07	-0.05	-0.09	-0.10	-0.05	-0.07	-0.12	-0.05
	-0.67	-0.80	-0.89	-0.64	-0.57	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	-0.09	-0.14	-0.36	-0.32	-0.71	-1.12	-0.80	-0.24	-0.38	-0.11	0.00	-0.34
DUNWOD	21.82	19.70	18.19	17.76	17.94	19.58	30.51	31.15	26.32	27.09	27.84	27.47	26.41	27.30	27.57	27.29	30.25	34.43	39.09	38.19	32.21	26.21	21.68	21.56
61760	1.24	1.03	0.88	0.97	1.00	1.42	2.34	2.52	2.24	2.33	2.41	2.41	2.28	2.31	2.23	2.23	2.24	2.37	2.84	3.08	2.60	2.21	1.68	1.36
	-4.44	-5.29	-5.92	-4.25	-3.77	0.00	0.00	0.00	-0.01	0.00	-0.53	0.00	-0.57	-1.16	-2.39	-2.10	-4.72	-7.43	-5.31	-1.61	-2.51	-0.76	0.00	-2.24
GENESE	16.23	13.65	11.79	12.72	13.26	17.86	27.87	28.23	23.44	24.10	24.26	24.36	23.01	23.33	22.69	22.67	23.27	24.91	30.76	32.85	26.59	22.63	19.32	17.63
61753	-0.40	-0.32	-0.26	-0.30	-0.33	-0.31	-0.31	-0.40	-0.63	-0.67	-0.70	-0.70	-0.61	-0.59	-0.53	-0.53	-0.56	-0.57	-0.77	-0.84	-0.79	-0.70	-0.68	-0.58
	-0.50	-0.59	-0.66	-0.47	-0.42	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.06	-0.10	-0.27	-0.24	-0.53	-0.84	-0.60	-0.18	-0.28	-0.09	0.00	-0.25
H Q	4.05	3.17	2.86	2.97	3.03	5.01	8.29	6.41	5.57	5.68	5.48	5.94	5.72	5.33	5.21	5.20	5.80	5.87	6.55	7.41	5.91	4.81	3.88	3.49
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
	12.08	10.21	8.53	9.58	10.14	13.16	19.89	22.22	18.49	19.09	19.42	19.12	17.84	18.49	17.74	17.77	17.50	18.76	24.38	26.09	21.18	18.43	16.12	14.47
HUD VL	21.79	19.69	18.19	17.76	17.93	19.54	30.49	31.09	26.27	27.04	27.79	27.42	26.37	27.25	27.49	27.23	30.22	34.37	39.07	38.23	32.13	26.18	21.62	21.53
61758	1.19	1.00	0.85	0.95	0.97	1.38	2.31	2.46	2.19	2.28	2.37	2.36	2.24	2.29	2.13	2.16	2.19	2.29	2.81	3.12	2.52	2.18	1.62	1.33
	-4.46	-5.31	-5.95	-4.26	-3.78	0.00	0.00	0.00	-0.01	0.00	-0.53	0.00	-0.58	-1.13	-2.40	-2.10	-4.73	-7.45	-5.32	-1.62	-2.52	-0.76	0.00	-2.25
LONGIL	24.20	20.43	18.65	18.34	18.48	22.37	37.23	39.91	37.59	34.73	31.60	30.65	31.49	31.41	33.83	34.65	39.30	41.58	50.31	48.41	39.64	38.45	27.48	25.84
61762	1.97	1.67	1.30	1.51	1.54	2.25	3.49	3.84	3.32	3.34	3.26	3.21	3.06	3.10	3.01	3.01	3.05	3.35	3.99	4.35	3.55	3.02	2.42	2.10
	-6.10	-5.37	-5.97	-4.29	-3.77	-1.96	-5.56	-7.44	-10.20	-6.62	-3.44	-2.38	-4.88	-4.49	-7.88	-8.68	-12.95	-13.60	-15.39	-10.55	-9.00	-12.19	-5.05	-5.79
MHK VL	16.47	13.83	11.95	12.88	13.45	17.91	27.81	28.31	23.78	24.49	24.54	24.69	23.23	23.51	22.81	22.71	23.42	25.13	31.22	33.28	26.96	22.97	19.70	18.03
61756	-0.26	-0.25	-0.23	-0.24	-0.22	-0.25	-0.37	-0.31	-0.29	-0.27	-0.42	-0.38	-0.40	-0.45	-0.46	-0.53	-0.49	-0.47	-0.40	-0.44	-0.46	-0.37	-0.30	-0.21
	-0.59	-0.71	-0.79	-0.57	-0.50	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	-0.08	-0.13	-0.31	-0.27	-0.61	-0.96	-0.69	-0.21	-0.33	-0.10	0.00	-0.29
MILLWD	21.83	19.71	18.21	17.78	17.94	19.53	30.43	31.06	26.25	27.02	27.77	27.39	26.34	27.26	27.52	27.24	30.24	34.43	39.13	38.21	32.14	26.14	21.60	21.51
61759	1.21	1.00	0.85	0.95	0.97	1.36	2.25	2.43	2.17	2.25	2.34	2.33	2.21	2.26	2.16	2.16	2.19	2.31	2.84	3.08	2.52	2.14	1.60	1.29
	-4.48	-5.33	-5.97	-4.28	-3.80	0.00	0.00	0.00	-0.01	0.00	-0.53	0.00	-0.58	-1.17	-2.41	-2.12	-4.75	-7.48	-5.35	-1.62	-2.53	-0.76	0.00	-2.26
N.Y.C.	22.04	19.88	18.32	17.90	18.07	19.74	30.80	33.60	32.30	37.57	35.34	35.62	35.47	35.64	35.62	35.58	33.60	34.92	39.39	38.57	32.51	28.50	25.36	21.79
61761	1.45	1.20	1.00	1.10	1.13	1.58	2.62	2.81	2.50	2.60	2.69	2.68	2.54	2.60	2.48	2.48	2.49	2.64	3.19	3.45	2.90	2.44	1.86	1.58
	-4.45	-5.30	-5.93	-4.25	-3.77	0.00	0.00	-2.16	-5.73	-10.20	-7.76	-7.87	-9.37	-9.21	-10.19	-10.14	-7.80	-7.65	-5.27	-1.61	-2.51	-2.82	-3.49	-2.25
NORTH	1.26	0.71	0.68	0.70	0.71	2.02	3.39	1.43	1.36	1.37	0.85	1.35	1.31	0.79	0.78	0.78	1.31	1.08	0.95	1.51	0.89	0.81	0.73	0.75
61755	-2.71	-2.31	-1.98	-2.17	-2.25	-3.14	-5.13	-5.24	-4.43	-4.53	-4.83	-4.81	-4.59	-4.72	-4.52	-4.52	-4.47	-4.66	-5.63	-6.13	-5.15	-4.18	-3.34	-2.80
	12.16	10.35	8.72	9.68	10.21	13.00	19.66	21.96	18.28	18.86	19.21	18.90	17.66	18.32	17.65	17.66	17.52	18.90	24.35	25.86	21.06	18.24	15.93	14.40
NPX	22.33	20.35	18.92	18.26	18.40	20.00	30.43	32.23	28.98	28.02	27.71	27.24	26.30	27.17	27.71	27.40	30.74	35.31	40.57	39.60	32.31	26.10	21.57	21.80
61845	1.15	0.96	0.81	0.89	0.95	1.38	2.25	2.43	2.14	2.20	2.22	2.18	2.10	2.12	2.04	2.04	2.07	2.22	2.72	2.98	2.36	2.00	1.56	1.29
	-5.05	-6.01	-6.73	-4.82	-4.28	-0.46	0.00	-1.17	-2.77	-1.05	-0.60	0.00	-0.65	-1.22	-2.72	-2.39	-5.37	-8.46	-6.91	-3.12	-2.86	-0.86	0.00	-2.55

OH 61846	14.85	13.87	12.05	12.90	13.27	16.00	23.63	27.00	23.11	23.68	24.00	23.45	22.42	23.15	22.55	22.52	23.23	24.80	30.11	30.90	26.33	22.31	17.82	15.60
	-0.45	-0.29	-0.22	-0.28	-0.33	-0.35	-0.48	-0.80	-0.96	-1.09	-0.97	-1.00	-0.87	-0.81	-0.76	-0.76	-0.77	-0.94	-1.61	-1.64	-1.14	-1.05	-1.02	-0.83
	0.83	-0.79	-0.88	-0.63	-0.43	1.82	4.07	0.83	0.00	0.00	-0.08	0.61	0.26	-0.13	-0.36	-0.31	-0.70	-1.10	-0.79	0.97	-0.37	-0.11	1.16	1.53
PJM 61847	19.55	17.30	15.65	15.76	16.07	18.89	29.36	30.30	26.36	27.92	28.04	27.93	26.98	27.49	27.30	27.18	28.14	30.40	35.19	35.68	29.79	25.14	21.39	19.86
	0.55	0.51	0.44	0.48	0.47	0.73	1.18	1.06	0.91	0.87	1.02	1.00	0.97	1.02	0.96	0.96	0.96	0.94	0.96	1.14	1.08	0.88	0.54	0.47
	-2.86	-3.41	-3.82	-2.74	-2.43	0.00	0.00	-0.61	-1.38	-2.29	-2.13	-1.87	-2.46	-2.64	-3.38	-3.25	-3.88	-4.83	-3.29	-1.03	-1.61	-1.02	-0.85	-1.44
WEST 61752	16.61	14.09	12.22	13.10	13.60	18.18	28.38	28.63	23.71	24.35	24.65	24.71	23.40	23.79	23.18	23.11	23.87	25.42	30.84	32.90	26.94	22.79	19.40	17.78
	-0.16	-0.04	-0.01	-0.05	-0.11	0.02	0.20	0.00	-0.36	-0.42	-0.32	-0.35	-0.24	-0.17	-0.11	-0.16	-0.12	-0.29	-0.87	-0.84	-0.52	-0.56	-0.60	-0.50
	-0.63	-0.75	-0.84	-0.60	-0.53	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	-0.08	-0.13	-0.34	-0.30	-0.68	-1.08	-0.77	-0.23	-0.36	-0.11	0.00	-0.33