

# Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/14/2019

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	18.70	17.82	17.61	16.47	16.94	16.99	18.28	21.45	22.58	22.52	21.37	20.56	20.04	20.03	19.50	19.98	20.97	24.55	27.40	25.70	23.21	20.03	16.73	16.90
61757	0.48	0.42	0.38	0.38	0.37	0.59	0.99	1.31	1.36	1.41	1.17	1.13	1.13	1.13	1.14	1.17	1.11	1.32	1.58	1.45	1.25	1.03	0.86	0.71
	-8.70	-8.81	-9.30	-7.92	-9.12	-5.81	-0.98	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	-2.21
CENTRL 61754	10.58	9.66	9.06	9.13	8.56	11.29	16.42	19.86	20.87	20.69	20.04	19.52	18.89	18.75	18.36	18.62	19.62	22.68	25.13	23.81	21.66	18.87	15.92	14.25
	-0.02	-0.01	-0.01	-0.02	-0.01	-0.01	0.00	0.04	0.02	-0.04	0.08	0.08	0.06	0.02	0.02	-0.04	-0.02	-0.05	-0.03	0.05	0.04	0.04	0.05	0.00
	-1.07	-1.08	-1.14	-0.97	-1.12	-0.71	-0.12	0.32	0.37	0.38	0.24	0.00	0.08	0.16	0.02	0.16	0.22	0.50	0.67	0.48	0.35	0.17	0.00	-0.27
DUNWOD 61760	16.36	15.42	15.07	14.36	14.45	15.42	18.17	21.65	22.77	22.73	21.78	20.92	20.33	20.39	19.78	20.35	21.51	25.15	27.86	26.11	23.67	20.53	17.08	16.54
	0.55	0.48	0.44	0.47	0.42	0.64	1.16	1.51	1.55	1.63	1.58	1.48	1.42	1.49	1.41	1.52	1.65	1.93	2.04	1.87	1.71	1.52	1.21	0.96
	-6.28	-6.36	-6.71	-5.71	-6.58	-4.19	-0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.60
GENESE 61753	10.09	9.16	8.59	8.68	8.08	10.79	15.94	18.72	19.64	19.39	19.01	18.86	18.15	17.90	17.67	17.73	18.60	21.13	23.25	22.34	20.44	18.06	15.53	13.84
	-0.24	-0.24	-0.19	-0.22	-0.21	-0.34	-0.44	-0.50	-0.49	-0.63	-0.38	-0.31	-0.36	-0.42	-0.44	-0.55	-0.58	-0.72	-0.80	-0.51	-0.46	-0.38	-0.30	-0.34
	-0.80	-0.81	-0.86	-0.73	-0.84	-0.53	-0.08	0.92	1.09	1.08	0.80	0.27	0.40	0.58	0.25	0.54	0.68	1.38	1.77	1.39	1.06	0.56	0.04	-0.20
H Q 61844	9.53	8.59	7.93	8.17	7.45	10.59	16.30	20.14	21.22	21.11	20.20	19.44	18.91	18.89	18.36	18.81	19.86	23.23	25.82	24.24	21.96	19.00	15.87	13.98
	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 61758	16.31	15.38	15.02	14.32	14.40	15.35	18.06	21.31	22.38	22.33	21.37	20.53	19.98	20.03	19.47	20.00	21.17	24.74	27.40	25.67	23.32	20.24	16.84	16.44
	0.51	0.45	0.40	0.44	0.39	0.57	1.04	1.17	1.17	1.22	1.17	1.09	1.08	1.13	1.10	1.19	1.31	1.51	1.58	1.43	1.36	1.23	0.97	0.87
	-6.27	-6.35	-6.70	-5.71	-6.57	-4.19	-0.71	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	-1.59
LONGIL 61762	16.41	15.57	15.12	14.44	14.50	15.50	18.46	22.26	23.56	23.64	23.36	22.33	22.22	21.90	21.81	23.42	24.37	27.87	33.28	30.03	26.11	23.00	18.69	16.79
	0.60	0.63	0.48	0.55	0.48	0.72	1.45	2.11	2.14	2.19	2.12	2.02	1.93	2.00	1.93	2.01	2.18	2.53	2.71	2.52	2.33	2.07	1.73	1.22
	-6.28	-6.36	-6.71	-5.71	-6.58	-4.19	-0.71	-0.01	-0.20	-0.34	-1.04	-0.87	-1.39	-1.00	-1.52	-2.60	-2.33	-2.11	-4.75	-3.27	-1.82	-1.92	-1.09	-1.60
MHK VL 61756	10.44	9.53	8.90	9.00	8.42	11.22	16.43	20.18	21.26	21.15	20.26	19.44	18.89	18.77	18.25	18.64	19.84	23.32	26.03	24.46	22.05	18.93	15.76	14.13
	-0.10	-0.09	-0.12	-0.11	-0.10	-0.05	0.02	0.04	0.04	0.04	0.06	0.00	-0.02	-0.04	-0.05	-0.06	-0.02	0.09	0.21	0.22	0.09	0.00	-0.09	-0.10
	-1.02	-1.03	-1.09	-0.93	-1.07	-0.68	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.12	0.00	0.00	0.00	0.00	0.00	0.08	0.02	-0.25
MILLWD 61759	16.38	15.46	15.11	14.39	14.48	15.41	18.11	21.53	22.64	22.56	21.61	20.76	20.21	20.23	19.67	20.21	21.37	25.02	27.68	25.96	23.56	20.45	17.00	16.51
	0.52	0.46	0.41	0.45	0.39	0.59	1.09	1.39	1.42	1.46	1.41	1.32	1.30	1.34	1.30	1.39	1.51	1.79	1.86	1.72	1.60	1.44	1.13	0.92
	-6.33	-6.41	-6.77	-5.76	-6.64	-4.23	-0.72	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	0.00	-1.61
N.Y.C. 61761	16.44	15.50	15.15	14.44	14.51	15.48	18.24	21.73	22.92	22.89	22.11	22.50	22.25	22.42	22.24	22.34	22.53	25.35	28.08	26.31	23.85	20.69	17.27	16.67
	0.64	0.56	0.51	0.55	0.48	0.70	1.22	1.59	1.70	1.77	1.72	1.63	1.59	1.62	1.58	1.67	1.81	2.11	2.25	2.06	1.89	1.67	1.35	1.09
	-6.28	-6.36	-6.71	-5.72	-6.58	-4.19	-0.71	0.00	-0.01	-0.01	-0.20	-1.43	-1.75	-1.90	-2.30	-1.85	-0.86	-0.01	-0.01	-0.01	-0.01	-0.01	-0.04	-1.60
NORTH 61755	7.59	6.82	6.12	6.11	5.80	7.68	10.38	12.84	15.55	13.57	14.57	14.97	13.57	12.36	13.13	13.97	14.22	17.35	18.40	19.43	17.33	12.38	10.37	10.30
	-1.60	-1.42	-1.39	-1.42	-1.30	-1.75	-2.62	-3.44	-3.59	-3.52	-3.43	-3.38	-3.31	-3.31	-3.23	-3.27	-3.44	-3.88	-4.18	-3.95	-3.71	-3.31	-2.87	-2.38
	0.34	0.34	0.42	0.64	0.35	1.16	3.30	3.86	2.08	4.01	2.20	1.08	2.03	3.23	2.00	1.57	2.20	2.00	3.24	0.86	0.92	3.32	2.63	1.30
NPX 61845	17.50	16.62	16.34	15.40	15.70	16.17	18.10	21.27	22.41	22.31	21.27	20.51	19.93	19.95	19.41	19.90	21.01	24.55	27.30	25.55	23.14	20.03	16.73	16.62
	0.44	0.40	0.36	0.37	0.36	0.55	0.95	1.13	1.19	1.20	1.07	1.07	1.02	1.06	1.05	1.09	1.15	1.32	1.47	1.31	1.18	1.03	0.86	0.73
	-7.53	-7.63	-8.05	-6.87	-7.89	-5.03	-0.85	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	-1.91

OH 61846	9.81	9.00	8.84	8.90	8.32	9.00	10.00	9.81	10.00	11.67	10.92	11.18	9.81	10.86	9.86	9.90	13.12	16.20	18.80	19.50	16.10	13.34	10.98	9.91
	-0.32	-0.28	-0.21	-0.24	-0.23	-0.44	-0.57	-0.65	-0.76	-1.01	-0.65	-0.52	-0.64	-0.70	-0.64	-0.79	-0.89	-1.14	-1.50	-1.09	-0.92	-0.65	-0.44	-0.49
	-0.61	-0.69	-1.13	-0.96	-1.10	1.15	5.73	9.69	10.46	8.42	8.63	7.73	8.45	7.33	7.86	8.12	5.85	5.89	5.53	3.65	4.94	5.02	4.45	3.58
PJM 61847	13.31	12.40	11.95	11.62	11.38	13.16	17.10	20.84	21.87	21.62	21.11	20.75	19.96	19.81	19.48	19.63	20.54	23.71	26.06	24.93	22.71	19.73	16.42	15.20
	0.14	0.13	0.13	0.14	0.12	0.14	0.38	0.52	0.42	0.32	0.48	0.49	0.40	0.40	0.42	0.38	0.40	0.39	0.28	0.39	0.40	0.46	0.44	0.29
	-3.63	-3.68	-3.88	-3.31	-3.81	-2.43	-0.43	-0.17	-0.23	-0.20	-0.43	-0.83	-0.65	-0.52	-0.69	-0.44	-0.29	-0.08	0.05	-0.30	-0.36	-0.27	-0.10	-0.93
WEST 61752	10.39	9.49	8.95	9.00	8.42	11.00	16.30	29.83	33.07	32.08	33.70	35.11	31.57	30.00	29.83	28.00	28.41	34.00	36.42	39.40	36.00	28.00	18.00	14.00
	-0.18	-0.15	-0.09	-0.12	-0.12	-0.29	-0.16	-0.12	-0.19	-0.46	-0.10	0.02	-0.11	-0.17	-0.15	-0.28	-0.40	-0.56	-0.85	-0.46	-0.33	-0.13	-0.05	-0.24
	-1.04	-1.05	-1.11	-0.95	-1.09	-0.70	-0.16	-9.81	-12.04	-11.44	-13.60	-15.65	-12.78	-11.28	-11.62	-9.47	-8.95	-11.33	-11.45	-15.62	-14.37	-9.13	-2.17	-0.26