

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/07/2019

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	25.31	24.00	23.00	22.03	21.45	20.87	19.70	20.29	17.33	18.27	19.32	20.42	21.34	21.71	22.84	24.00	29.76	30.01	28.03	26.85	26.57	25.25	20.39	20.66
61757	1.26	1.04	0.90	0.81	0.75	0.83	0.91	0.96	1.16	1.27	1.32	1.35	1.33	1.34	1.41	1.47	2.00	2.04	1.91	1.80	1.79	1.67	1.44	1.16
	-7.32	-8.97	-9.75	-10.31	-9.78	-8.31	-5.86	-5.66	-1.13	-1.56	-1.90	-1.99	-2.27	-2.52	-2.35	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.67
CENTRL	17.90	15.30	13.74	12.34	12.26	12.85	13.76	14.48	15.17	15.59	16.30	17.29	18.27	18.44	19.88	20.64	29.46	29.68	27.61	26.38	25.97	24.66	19.20	17.37
61754	0.27	0.21	0.19	0.15	0.14	0.11	0.10	0.11	0.14	0.15	0.19	0.21	0.21	0.22	0.25	0.24	0.28	0.20	0.23	0.25	0.25	0.24	0.23	0.22
	-0.90	-1.10	-1.20	-1.27	-1.20	-1.02	-0.72	-0.70	0.00	0.00	0.00	0.00	-0.32	-0.37	-0.55	-0.51	-1.43	-1.51	-1.25	-1.09	-0.94	-0.85	-0.01	-0.33
DUNWOD	24.10	22.22	20.90	19.73	19.32	19.07	18.59	19.31	22.46	25.11	27.51	29.07	31.24	32.66	33.18	35.56	31.03	31.18	29.13	27.98	27.76	26.45	21.42	20.82
61760	1.96	1.59	1.35	1.19	1.18	1.20	1.32	1.45	1.67	1.74	1.79	1.91	1.99	2.02	2.17	2.27	3.27	3.21	3.00	2.93	2.97	2.87	2.46	2.02
	-5.41	-6.64	-7.21	-7.62	-7.23	-6.14	-4.33	-4.19	-5.75	-7.93	-9.62	-10.07	-11.52	-12.79	-11.93	-13.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.98
GENESE	17.23	14.67	13.13	11.75	11.67	12.26	13.16	13.78	14.63	15.07	15.83	16.81	17.31	17.28	18.49	19.32	25.87	25.64	24.39	23.66	23.89	22.63	18.42	16.79
61753	-0.18	-0.17	-0.14	-0.13	-0.16	-0.25	-0.32	-0.42	-0.41	-0.37	-0.26	-0.27	-0.27	-0.29	-0.23	-0.32	-0.64	-0.81	-0.68	-0.60	-0.62	-0.61	-0.47	-0.29
	-0.68	-0.84	-0.92	-0.97	-0.92	-0.78	-0.55	-0.53	0.00	0.00	0.01	0.00	0.16	0.29	0.36	0.25	1.25	1.51	1.06	0.78	0.27	0.33	0.06	-0.25
H Q	15.60	12.30	11.91	10.53	10.53	11.35	12.53	13.26	14.57	14.96	15.60	16.57	17.22	17.34	18.51	19.29	26.90	27.15	25.34	24.30	24.02	22.82	18.25	16.24
61844	-0.62	-0.52	-0.44	-0.38	-0.38	-0.38	-0.40	-0.41	-0.47	-0.48	-0.50	-0.51	-0.51	-0.52	-0.57	-0.60	-0.86	-0.81	-0.78	-0.75	-0.77	-0.76	-0.70	-0.59
	0.52	1.17	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	23.79	21.95	20.67	19.50	19.10	18.85	18.37	19.04	19.92	21.72	23.43	24.80	26.41	27.33	28.16	29.97	30.62	30.76	28.74	27.60	27.39	26.07	21.08	20.57
61758	1.69	1.39	1.17	1.03	1.02	1.03	1.14	1.22	1.38	1.45	1.46	1.57	1.65	1.68	1.81	1.91	2.86	2.80	2.61	2.56	2.60	2.50	2.12	1.78
	-5.37	-6.58	-7.14	-7.56	-7.17	-6.09	-4.30	-4.15	-3.51	-4.83	-5.86	-6.14	-7.02	-7.79	-7.27	-8.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.96
LONGIL	26.55	24.29	22.98	22.42	21.94	21.93	21.95	21.97	24.18	26.62	30.77	32.17	33.59	35.61	38.50	50.69	39.05	39.62	37.84	32.72	32.44	31.40	30.50	28.21
61762	2.53	2.07	1.75	1.58	1.56	1.58	1.75	1.90	2.12	2.25	2.27	2.41	2.52	2.52	2.73	2.90	4.14	4.08	3.79	3.68	3.69	3.53	3.03	2.52
	-7.29	-8.23	-8.87	-9.92	-9.46	-8.62	-7.28	-6.39	-7.02	-8.92	-12.40	-12.68	-13.34	-15.24	-16.69	-27.90	-7.16	-7.57	-7.92	-3.99	-3.97	-4.30	-8.51	-8.86
MHK VL	18.09	15.46	13.86	12.46	12.39	13.00	13.93	14.68	15.41	15.89	16.60	17.62	18.47	18.61	19.90	20.78	29.35	29.57	27.58	26.41	26.13	24.82	19.54	17.62
61756	0.42	0.32	0.26	0.23	0.23	0.21	0.25	0.29	0.38	0.45	0.50	0.53	0.57	0.57	0.59	0.62	0.91	0.92	0.86	0.83	0.82	0.78	0.59	0.45
	-0.94	-1.15	-1.25	-1.32	-1.25	-1.06	-0.75	-0.72	0.00	0.00	0.00	0.00	-0.17	-0.18	-0.23	-0.27	-0.68	-0.69	-0.59	-0.54	-0.53	-0.47	0.00	-0.34
MILLWD	24.02	22.18	20.86	19.70	19.28	19.01	18.52	19.23	21.59	23.95	26.10	27.60	29.57	30.81	31.44	33.61	30.89	31.04	28.97	27.83	27.61	26.31	21.27	20.72
61759	1.82	1.50	1.25	1.10	1.08	1.09	1.22	1.34	1.59	1.67	1.71	1.83	1.90	1.93	2.08	2.17	3.14	3.08	2.85	2.78	2.82	2.73	2.31	1.90
	-5.46	-6.69	-7.26	-7.68	-7.29	-6.19	-4.37	-4.22	-4.96	-6.84	-8.29	-8.69	-9.93	-11.03	-10.29	-11.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.99
N.Y.C.	24.30	22.40	21.06	19.91	19.45	19.21	18.74	19.49	22.55	25.21	27.59	29.87	31.85	33.03	33.95	35.81	32.57	32.11	30.48	29.41	29.25	28.26	22.48	21.04
61761	2.14	1.76	1.49	1.31	1.30	1.34	1.46	1.59	1.82	1.91	1.96	2.08	2.16	2.16	2.31	2.43	3.53	3.44	3.27	3.21	3.25	3.14	2.67	2.22
	-5.42	-6.64	-7.21	-7.69	-7.24	-6.15	-4.34	-4.24	-5.70	-7.86	-9.53	-10.70	-11.95	-13.01	-12.56	-13.50	-1.29	-0.71	-1.09	-1.16	-1.22	-1.55	-0.86	-1.99
NORTH	15.83	13.25	11.72	10.37	10.38	11.14	12.35	13.07	14.39	14.76	15.44	16.38	17.10	17.19	18.31	19.13	26.62	26.93	25.11	24.04	23.72	22.51	17.95	15.97
61755	-0.90	-0.74	-0.63	-0.55	-0.53	-0.59	-0.58	-0.60	-0.65	-0.68	-0.66	-0.70	-0.64	-0.66	-0.76	-0.76	-1.14	-1.03	-1.02	-1.00	-1.06	-1.06	-1.01	-0.86
	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	24.39	22.88	21.73	20.67	20.21	19.80	18.98	19.61	18.66	20.03	21.41	22.72	24.01	24.64	25.65	27.14	30.03	30.23	28.27	27.10	26.82	25.51	20.66	20.55
61845	1.32	1.12	0.94	0.83	0.83	0.88	0.97	1.04	1.23	1.30	1.32	1.45	1.49	1.48	1.62	1.69	2.28	2.26	2.14	2.05	2.03	1.93	1.71	1.41
	-6.34	-7.77	-8.44	-8.92	-8.46	-7.19	-5.08	-4.90	-2.39	-3.29	-3.99	-4.18	-4.78	-5.31	-4.95	-5.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.31

OH 61846	17.31	14.84	13.35	12.00	11.90	12.39	12.00	13.69	14.34	14.27	15.47	16.30	16.91	16.90	17.79	18.77	22.10	24.20	23.40	22.93	23.20	22.00	18.08	16.00
	-0.35	-0.28	-0.24	-0.22	-0.25	-0.39	-0.50	-0.70	-0.69	-0.68	-0.63	-0.67	-0.67	-0.70	-0.74	-0.89	-1.58	-1.82	-1.59	-1.40	-1.34	-1.27	-0.81	-0.55
	-0.93	-1.13	-1.23	-1.30	-1.24	-1.05	0.43	-0.72	0.00	0.49	0.01	0.12	0.16	0.26	0.54	0.22	4.08	1.95	1.13	0.71	0.24	0.30	0.05	0.27
PJM 61847	20.97	18.82	17.43	16.17	15.90	16.00	16.11	16.77	19.65	21.60	23.46	24.79	26.83	28.03	28.99	30.53	31.20	31.67	29.06	27.55	26.60	25.44	20.13	18.92
	0.89	0.73	0.62	0.53	0.51	0.47	0.49	0.51	0.62	0.65	0.66	0.70	0.73	0.73	0.78	0.77	1.08	0.92	0.91	0.95	1.06	1.06	1.02	0.87
	-3.35	-4.10	-4.46	-4.72	-4.47	-3.80	-2.68	-2.59	-4.00	-5.51	-6.70	-7.00	-8.37	-9.44	-9.13	-9.87	-2.36	-2.78	-2.02	-1.55	-0.75	-0.81	-0.16	-1.22
WEST 61752	17.73	15.16	13.61	12.21	12.10	12.61	13.40	13.97	14.70	15.15	15.96	16.90	18.78	19.71	22.00	21.29	36.00	38.00	33.00	30.00	26.00	25.00	19.00	16.99
	0.08	0.06	0.05	0.02	-0.02	-0.14	-0.26	-0.40	-0.33	-0.29	-0.19	-0.20	-0.19	-0.23	-0.25	-0.40	-0.94	-1.15	-0.97	-0.80	-0.77	-0.73	-0.36	-0.17
	-0.91	-1.11	-1.20	-1.27	-1.21	-1.03	-0.72	-0.70	0.00	0.00	-0.05	-0.02	-1.23	-2.09	-3.17	-1.80	-9.19	-11.18	-7.84	-5.76	-1.98	-2.16	-0.41	-0.33