

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/03/2019

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	23.04	21.08	19.64	18.81	18.46	18.96	19.46	20.68	22.17	24.21	26.83	28.81	29.81	32.25	36.60	40.20	44.36	44.22	37.00	31.60	29.67	28.07	23.80	22.52
61757	1.42	1.18	1.02	0.90	0.93	1.15	1.42	1.56	1.64	1.67	1.78	1.93	2.05	2.25	2.58	2.87	3.25	3.23	2.77	2.36	2.20	2.01	1.72	1.40
	-3.40	-4.51	-5.05	-5.85	-5.23	-2.83	0.00	-0.96	0.00	0.00	0.00	-0.09	-0.07	0.00	0.00	-0.03	0.00	-0.04	0.00	-0.15	-0.04	0.00	0.00	-1.63
CENTRL	20.11	16.50	14.67	13.22	13.37	15.90	19.46	19.78	22.73	25.18	28.40	30.21	30.46	33.16	37.69	41.09	45.30	45.66	37.43	32.06	29.74	27.83	23.29	20.48
61754	0.35	0.29	0.26	0.25	0.25	0.33	0.36	0.40	0.55	0.59	0.83	0.91	0.75	0.78	0.88	0.86	0.90	0.98	0.72	0.55	0.55	0.44	0.29	0.31
	-1.55	-0.82	-0.84	-0.90	-0.83	-0.60	-1.07	-1.22	-1.65	-2.05	-2.52	-2.51	-2.03	-2.38	-2.79	-2.93	-3.28	-3.74	-2.48	-2.41	-1.76	-1.33	-0.93	-0.68
DUNWOD	22.66	20.35	18.74	17.63	17.42	18.66	20.05	21.03	22.93	25.20	27.86	30.28	31.33	33.57	38.06	41.99	46.17	46.20	38.47	33.47	31.03	29.27	24.80	23.07
61760	1.93	1.63	1.44	1.24	1.26	1.59	2.02	2.16	2.40	2.66	2.81	3.03	3.24	3.57	4.05	4.55	5.06	5.03	4.24	3.58	3.37	3.20	2.72	2.38
	-2.51	-3.34	-3.74	-4.33	-3.87	-2.10	0.00	-0.71	0.00	0.00	0.00	-0.46	-0.40	0.00	0.00	-0.13	0.00	-0.23	0.00	-0.79	-0.23	0.00	0.00	-1.20
GENESE	16.12	16.42	14.49	13.03	13.20	15.84	15.76	16.00	17.92	19.38	21.79	26.19	23.45	25.49	28.75	30.51	33.34	35.66	28.51	25.24	23.63	22.82	19.27	18.04
61753	-0.11	-0.11	-0.14	-0.06	-0.09	-0.07	-0.07	0.02	0.18	0.20	0.60	0.75	0.39	0.27	0.31	0.00	-0.16	0.04	-0.07	-0.17	-0.16	-0.31	-0.44	-0.25
	1.99	-1.14	-1.06	-1.04	-0.99	-0.94	2.20	2.17	2.79	3.36	3.86	1.35	4.63	4.78	5.56	6.79	7.62	5.32	5.65	3.68	3.63	2.93	2.37	1.19
H Q	16.39	11.30	11.00	8.25	8.25	8.50	14.50	17.45	18.05	18.16	20.03	21.74	22.77	24.00	24.00	31.88	35.59	24.00	24.00	24.18	22.50	21.04	17.06	16.11
61844	-0.66	-0.55	-0.48	-0.45	-0.44	-0.55	-0.63	-0.67	-0.74	-0.81	-0.88	-0.94	-0.94	-1.02	-1.12	-1.23	-1.36	-1.35	-1.13	-0.99	-0.93	-0.86	-0.73	-0.64
	1.18	3.53	2.09	3.36	3.61	5.92	2.90	0.03	1.74	3.57	4.14	4.12	3.98	4.98	8.89	4.19	4.17	15.59	9.10	3.93	3.99	4.16	4.29	2.74
HUD VL	22.34	20.07	18.49	17.40	17.19	18.40	19.73	20.62	22.48	24.72	27.31	28.89	30.09	33.00	37.38	41.00	45.35	44.98	37.86	31.56	30.10	28.77	24.40	22.73
61758	1.64	1.39	1.22	1.06	1.07	1.35	1.69	1.76	1.95	2.19	2.26	2.46	2.72	3.00	3.37	3.81	4.24	4.22	3.63	3.08	2.85	2.71	2.32	2.05
	-2.49	-3.30	-3.70	-4.28	-3.83	-2.07	0.00	-0.70	0.00	0.00	0.00	0.36	0.31	0.00	0.00	0.11	0.00	0.18	0.00	0.63	0.18	0.00	0.00	-1.19
LONGIL	29.48	22.30	20.91	19.91	19.80	20.95	23.02	24.35	28.00	28.37	29.27	34.13	35.66	41.64	42.28	46.95	50.27	55.64	44.64	40.40	37.35	34.40	32.41	30.97
61762	2.50	2.09	1.83	1.59	1.67	2.10	2.69	2.72	3.02	3.31	3.48	3.75	4.01	4.38	4.90	5.49	6.05	6.06	5.10	4.45	4.14	3.86	3.38	3.00
	-8.77	-4.82	-5.51	-6.26	-5.83	-3.88	-2.30	-3.47	-4.46	-2.52	-0.74	-3.59	-3.95	-7.26	-3.37	-4.16	-3.10	-8.64	-5.31	-6.85	-5.78	-4.48	-6.95	-8.49
MHK VL	19.01	16.22	14.42	12.98	13.13	15.59	18.43	18.78	21.40	23.59	26.33	28.18	29.20	31.76	36.10	39.74	43.82	43.53	36.28	30.70	28.84	27.46	23.04	20.38
61756	0.38	0.29	0.24	0.22	0.21	0.27	0.40	0.51	0.66	0.74	0.85	0.91	1.00	1.14	1.29	1.49	1.65	1.56	1.23	1.02	0.90	0.94	0.71	0.58
	-0.41	-0.54	-0.61	-0.70	-0.63	-0.34	0.00	-0.11	-0.22	-0.31	-0.42	-0.48	-0.52	-0.62	-0.80	-0.95	-1.06	-1.03	-0.82	-0.58	-0.51	-0.46	-0.26	-0.30
MILLWD	22.55	20.26	18.68	17.59	17.36	18.56	19.91	20.89	22.74	25.02	27.66	29.91	31.02	33.36	37.79	41.69	45.92	45.89	38.23	33.04	30.80	29.08	24.64	22.96
61759	1.80	1.51	1.34	1.17	1.17	1.47	1.88	2.02	2.22	2.48	2.61	2.79	3.05	3.36	3.77	4.29	4.81	4.79	4.00	3.37	3.21	3.02	2.56	2.26
	-2.53	-3.36	-3.76	-4.36	-3.90	-2.11	0.00	-0.71	0.00	0.00	0.00	-0.33	-0.29	0.00	0.00	-0.10	0.00	-0.16	0.00	-0.57	-0.16	0.00	0.00	-1.21
N.Y.C.	22.91	20.55	18.91	17.79	17.59	18.85	21.94	23.35	28.07	31.88	32.61	33.85	34.61	39.34	43.03	44.79	48.42	48.86	41.91	38.54	36.90	34.09	28.88	27.35
61761	2.17	1.81	1.60	1.40	1.41	1.77	2.20	2.36	2.63	2.91	3.06	3.29	3.52	3.84	4.32	4.85	5.34	5.32	4.55	3.87	3.65	3.49	2.98	2.61
	-2.52	-3.35	-3.74	-4.33	-3.87	-2.11	-1.71	-2.83	-4.92	-6.44	-4.50	-3.77	-3.41	-5.50	-4.69	-2.64	-1.96	-2.60	-3.13	-5.57	-5.82	-4.54	-3.82	-5.25
NORTH	17.29	14.62	12.90	11.41	11.67	14.15	17.15	17.20	19.50	21.46	23.92	25.59	26.50	28.74	32.65	35.85	39.51	39.30	32.79	27.82	26.17	24.94	21.11	18.67
61755	-0.93	-0.77	-0.66	-0.65	-0.63	-0.82	-0.88	-0.96	-1.03	-1.08	-1.13	-1.21	-1.19	-1.26	-1.36	-1.46	-1.60	-1.64	-1.44	-1.28	-1.26	-1.12	-0.97	-0.82
	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	22.60	20.51	19.03	18.08	17.80	18.65	19.58	20.53	22.19	24.34	26.91	28.95	30.00	32.31	36.60	40.26	44.36	44.22	37.07	31.90	29.90	28.25	24.00	22.61
61845	1.44	1.22	1.09	0.95	0.97	1.21	1.51	1.58	1.66	1.80	1.85	1.98	2.16	2.31	2.58	2.91	3.25	3.20	2.84	2.50	2.39	2.19	1.92	1.72
	-2.94	-3.91	-4.38	-5.07	-4.53	-2.46	-0.03	-0.79	0.00	0.00	0.00	-0.17	-0.15	0.00	0.00	-0.05	0.00	-0.09	0.00	-0.30	-0.09	0.00	0.00	-1.41

OH 61846	8.18	7.20	6.00	5.00	5.00	4.80	6.20	13.85	15.32	16.26	17.98	20.07	22.22	23.45	26.45	29.45	32.14	31.27	27.55	22.28	22.26	22.09	18.64	15.65
	-0.49	-0.38	-0.33	-0.22	-0.26	-0.30	-0.47	-0.38	-0.27	-0.32	0.05	0.11	-0.55	-0.84	-1.19	-1.72	-2.10	-1.76	-1.57	-1.34	-1.18	-1.33	-1.30	-0.82
	9.55	7.80	7.24	6.84	7.04	9.88	11.36	3.92	4.94	5.97	7.12	6.83	4.92	5.71	6.37	6.13	6.88	7.91	5.10	5.48	3.99	2.64	2.14	3.02
PJM 61847	24.40	21.80	19.52	17.81	17.82	20.45	22.74	23.44	26.59	29.67	33.44	36.33	36.26	39.36	44.45	49.02	54.03	52.37	44.22	36.65	34.36	31.78	26.63	23.38
	0.75	0.68	0.64	0.58	0.58	0.72	0.85	0.91	1.05	1.13	1.30	1.42	1.30	1.32	1.40	1.45	1.52	1.64	1.37	1.19	1.15	1.04	0.84	0.92
	-5.43	-5.74	-5.32	-5.18	-4.94	-4.76	-3.86	-4.37	-5.02	-6.00	-7.08	-8.12	-7.27	-8.04	-9.04	-10.26	-11.39	-9.79	-8.63	-6.36	-5.78	-4.68	-3.71	-2.98
WEST 61752	38.65	30.38	26.00	22.68	23.00	29.00	37.08	38.00	45.00	52.00	61.06	67.35	69.00	76.29	85.90	90.00	100.00	90.00	78.02	63.00	60.00	48.46	40.00	30.00
	0.05	0.05	0.03	0.11	0.07	0.12	0.07	0.18	0.39	0.38	0.93	1.07	0.33	0.06	-0.20	-0.75	-1.07	-0.70	-0.65	-0.55	-0.41	-0.63	-0.75	-0.27
	-20.38	-14.95	-12.40	-10.51	-10.63	-13.90	-18.97	-19.66	-24.09	-29.08	-35.08	-39.49	-40.98	-46.23	-52.09	-53.44	-59.95	-49.76	-44.44	-34.45	-32.98	-23.03	-18.67	-10.79