

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/15/2019

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	22.74	20.94	21.01	19.77	18.99	19.97	19.99	21.08	23.03	24.17	26.26	28.01	30.23	32.95	33.76	36.84	39.28	40.88	35.48	32.16	30.71	29.86	25.41	23.04
61757	1.33	1.14	1.06	1.03	1.07	1.11	1.31	1.40	1.55	1.64	1.74	1.88	2.00	2.24	2.33	2.63	2.81	2.96	2.75	2.33	2.33	2.24	1.90	1.63
	-3.20	-3.47	-4.87	-4.31	-2.82	-3.27	-0.01	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	0.00	0.00
CENTRL	18.97	17.08	15.99	15.27	15.76	16.32	19.07	20.14	21.98	23.82	26.13	28.00	30.28	33.01	33.79	37.16	40.45	41.94	35.53	32.54	30.89	29.86	24.57	21.88
61754	0.36	0.33	0.30	0.30	0.32	0.33	0.39	0.45	0.49	0.54	0.64	0.65	0.68	0.65	0.60	0.75	0.80	0.80	0.59	0.66	0.60	0.61	0.42	0.47
	-0.39	-0.43	-0.60	-0.53	-0.35	-0.40	0.00	0.00	0.00	-0.75	-0.98	-1.22	-1.38	-1.65	-1.75	-2.21	-3.18	-3.23	-2.21	-2.06	-1.92	-1.63	-0.64	0.00
DUNWOD	22.52	20.66	20.19	19.03	18.63	19.50	20.66	22.03	24.06	25.19	27.38	29.26	31.53	34.42	35.21	38.27	40.80	42.47	36.72	33.38	31.73	30.85	26.52	23.98
61760	1.93	1.76	1.49	1.40	1.45	1.48	1.98	2.34	2.58	2.66	2.87	3.13	3.30	3.71	3.77	4.07	4.34	4.55	3.99	3.55	3.35	3.23	3.01	2.57
	-2.37	-2.57	-3.61	-3.19	-2.09	-2.43	-0.01	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	0.00	0.00
GENESE	18.50	16.59	15.52	14.86	15.36	15.86	18.60	19.73	21.52	22.10	23.91	25.08	27.41	29.60	30.08	32.18	33.88	35.52	31.88	28.84	27.83	27.34	23.41	21.56
61753	-0.02	-0.07	-0.03	0.01	0.00	-0.03	-0.07	0.04	0.04	0.14	0.22	0.16	0.20	0.19	0.06	0.24	0.29	0.30	0.10	0.09	0.14	0.22	-0.09	0.15
	-0.30	-0.33	-0.46	-0.41	-0.27	-0.31	0.00	0.00	0.01	0.56	0.82	1.21	1.02	1.30	1.43	2.26	2.88	2.70	0.95	1.08	0.70	0.50	0.01	0.00
H Q	17.21	15.95	14.49	13.86	14.49	15.04	17.85	18.19	18.25	18.01	20.47	22.17	24.00	26.75	29.94	31.78	33.65	35.18	30.37	27.43	24.27	24.00	22.54	20.53
61844	-0.73	-0.65	-0.60	-0.58	-0.60	-0.62	-0.75	-0.79	-0.84	-0.88	-0.96	-1.05	-1.10	-1.17	-1.16	-1.33	-1.39	-1.40	-1.24	-1.13	-1.11	-1.08	-0.96	-0.88
	0.28	-0.28	0.00	0.00	0.00	-0.08	0.08	0.71	2.39	3.64	3.09	2.91	3.13	2.79	0.33	1.09	1.43	1.34	1.12	1.26	3.00	2.54	0.00	0.00
HUD VL	22.26	20.41	19.97	18.82	18.45	19.30	20.40	21.67	23.63	24.71	26.85	28.66	30.91	33.75	34.55	37.56	40.11	41.71	36.07	32.84	31.22	30.36	26.07	23.66
61758	1.69	1.53	1.31	1.23	1.28	1.31	1.72	1.99	2.15	2.18	2.33	2.53	2.68	3.04	3.11	3.35	3.65	3.79	3.34	3.01	2.84	2.74	2.56	2.25
	-2.35	-2.55	-3.57	-3.16	-2.07	-2.40	-0.01	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	0.00	0.00
LONGIL	31.09	23.19	22.69	19.54	19.15	19.99	22.57	24.50	27.07	29.24	32.31	33.57	34.72	36.67	38.04	42.10	48.31	50.22	45.24	40.48	36.64	34.57	35.46	32.14
61762	2.51	2.43	2.10	1.91	1.96	1.96	2.65	3.09	3.33	3.40	3.55	3.92	4.18	4.70	4.75	5.20	5.54	5.84	5.17	4.59	4.34	4.20	3.81	3.45
	-10.36	-4.44	-5.50	-3.20	-2.10	-2.44	-1.25	-1.72	-2.26	-3.31	-4.24	-3.53	-2.32	-1.27	-1.85	-2.70	-6.30	-6.46	-7.34	-6.05	-3.92	-2.75	-8.14	-7.28
MHK VL	19.03	17.10	16.01	15.26	15.76	16.35	19.12	20.30	22.19	23.69	25.87	27.64	30.03	32.76	33.55	36.54	39.58	41.12	35.25	32.09	30.63	29.67	24.64	22.05
61756	0.42	0.34	0.32	0.29	0.32	0.36	0.45	0.61	0.71	0.81	0.91	0.99	1.16	1.29	1.32	1.40	1.50	1.56	1.24	1.07	1.05	1.05	0.77	0.64
	-0.40	-0.43	-0.60	-0.53	-0.35	-0.41	0.00	0.00	0.00	-0.35	-0.44	-0.52	-0.64	-0.76	-0.80	-0.94	-1.61	-1.65	-1.27	-1.19	-1.20	-1.00	-0.36	0.00
MILLWD	22.44	20.57	20.13	18.98	18.57	19.44	20.55	21.87	23.87	24.98	27.19	29.00	31.28	34.18	34.99	38.03	40.59	42.20	36.49	33.17	31.53	30.66	26.33	23.83
61759	1.84	1.65	1.40	1.33	1.37	1.40	1.87	2.18	2.38	2.46	2.67	2.87	3.05	3.47	3.55	3.83	4.12	4.28	3.76	3.34	3.15	3.04	2.82	2.42
	-2.39	-2.59	-3.63	-3.22	-2.11	-2.45	-0.01	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	0.00	0.00
N.Y.C.	22.76	20.86	20.36	19.18	18.78	19.62	20.85	22.65	24.45	28.87	31.17	32.40	33.98	35.21	35.91	38.98	41.10	42.74	37.81	34.62	33.21	32.56	28.88	26.07
61761	2.17	1.96	1.66	1.55	1.60	1.61	2.17	2.56	2.81	2.93	3.16	3.42	3.61	4.02	4.09	4.38	4.63	4.82	4.25	3.88	3.69	3.56	3.29	2.87
	-2.38	-2.58	-3.61	-3.19	-2.09	-2.43	-0.01	-0.41	-0.16	-3.41	-3.49	-2.85	-2.14	-0.48	-0.39	-0.40	0.00	-0.01	-0.83	-0.91	-1.14	-1.38	-2.08	-1.79
NORTH	17.10	15.35	14.19	13.57	14.20	14.67	17.52	18.54	20.32	21.33	23.17	24.66	26.73	29.14	29.90	32.39	30.46	32.16	27.80	24.64	22.64	23.10	22.00	20.08
61755	-1.11	-0.98	-0.91	-0.87	-0.89	-0.92	-1.16	-1.14	-1.16	-1.19	-1.35	-1.46	-1.50	-1.57	-1.54	-1.81	-1.93	-1.93	-1.74	-1.58	-1.56	-1.57	-1.51	-1.33
	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	4.07	3.82	3.19	3.61	4.18	2.95	0.00	0.00
NPX	22.12	20.88	20.44	19.27	18.70	19.70	20.14	21.97	23.35	24.44	27.66	28.37	31.53	34.67	37.87	40.15	42.19	43.76	39.51	36.06	32.15	30.00	25.70	23.37
61845	1.42	1.29	1.16	1.13	1.18	1.22	1.53	1.73	1.87	1.91	2.08	2.25	2.37	2.64	2.70	2.94	3.10	3.22	2.88	2.57	2.47	2.38	2.19	1.93
	-2.48	-3.27	-4.19	-3.71	-2.43	-2.90	0.07	-0.55	0.00	0.00	-1.06	0.00	-0.93	-1.32	-3.73	-3.01	-2.62	-2.62	-3.90	-3.66	-1.30	0.00	0.00	-0.03

OH 61846	18.20	16.93	15.66	15.04	15.46	16.00	18.36	19.53	21.22	21.82	23.60	24.66	26.77	28.87	29.19	31.46	33.09	34.63	30.93	28.30	27.22	26.70	22.97	21.35
	-0.15	-0.11	-0.05	0.06	0.02	-0.08	-0.24	-0.16	-0.26	-0.20	-0.17	-0.37	-0.54	-0.68	-0.97	-0.72	-0.80	-0.87	-0.95	-0.57	-0.54	-0.47	-0.54	-0.06
	-0.13	-0.72	-0.62	-0.54	-0.36	-0.49	0.08	0.00	0.01	0.51	0.75	1.10	0.92	1.16	1.27	2.02	2.58	2.42	0.85	0.97	0.62	0.45	0.00	0.00
PJM 61847	20.37	19.09	18.09	17.16	17.17	17.94	19.55	20.88	22.75	25.16	27.62	29.92	31.77	34.79	35.59	39.99	43.40	44.61	36.31	33.54	31.30	30.18	25.06	22.74
	0.96	0.90	0.77	0.75	0.78	0.78	0.95	1.16	1.25	1.28	1.37	1.46	1.47	1.60	1.45	1.71	1.82	1.82	1.60	1.58	1.45	1.41	1.32	1.33
	-1.19	-1.87	-2.23	-1.97	-1.29	-1.58	0.07	-0.03	-0.02	-1.35	-1.73	-2.33	-2.08	-2.49	-2.71	-4.08	-5.11	-4.87	-1.98	-2.13	-1.47	-1.15	-0.24	0.00
WEST 61752	18.90	17.00	15.98	15.36	15.80	16.27	18.96	20.14	22.03	27.17	31.21	36.00	36.50	41.11	42.57	52.22	59.35	59.38	40.15	38.67	34.22	32.00	23.72	21.99
	0.29	0.25	0.29	0.39	0.36	0.28	0.28	0.45	0.47	0.54	0.69	0.47	0.34	0.24	-0.03	0.31	0.33	0.30	0.00	0.36	0.40	0.44	0.19	0.58
	-0.40	-0.43	-0.60	-0.53	-0.35	-0.41	0.00	0.00	-0.07	-4.10	-6.01	-9.40	-7.93	-10.16	-11.16	-17.71	-22.56	-21.16	-7.42	-8.48	-5.44	-3.94	-0.02	0.00