

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/22/2018

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	31.25	28.78	27.11	26.60	27.62	28.35	29.99	28.51	31.81	32.31	30.94	29.97	28.03	27.42	26.04	26.07	26.73	27.92	30.98	37.64	43.79	36.34	29.51	28.14
61757	1.74	1.63	1.51	1.55	1.66	1.60	1.54	1.43	1.66	1.68	1.39	1.45	1.46	1.35	1.24	1.29	1.22	1.38	1.59	2.10	2.32	1.70	1.35	1.31
	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
CENTRL	29.78	27.34	25.88	25.34	26.22	27.12	29.05	27.67	30.58	30.97	29.91	28.89	26.86	26.35	25.12	25.08	25.86	26.83	29.71	35.86	41.73	35.09	28.55	27.22
61754	0.27	0.19	0.28	0.30	0.26	0.37	0.60	0.59	0.42	0.34	0.36	0.37	0.29	0.29	0.32	0.30	0.36	0.29	0.32	0.32	0.25	0.45	0.39	0.40
	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
DUNWOD	32.53	29.84	28.04	27.37	28.40	29.12	30.99	29.81	33.41	34.06	32.98	31.80	29.62	29.08	27.60	27.63	28.52	29.67	32.86	39.70	46.72	38.80	31.45	29.59
61760	3.01	2.69	2.43	2.33	2.44	2.38	2.53	2.73	3.26	3.43	3.43	3.28	3.05	3.02	2.80	2.85	3.01	3.13	3.47	4.16	5.23	4.15	3.29	2.76
	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	-0.02	0.00	0.00	0.00
GENESE	28.89	26.50	25.19	24.69	25.47	26.42	28.48	27.05	29.64	30.02	28.93	27.92	25.90	25.49	24.38	24.29	25.07	25.90	28.77	34.76	40.40	34.12	27.62	26.64
61753	-0.62	-0.65	-0.41	-0.35	-0.49	-0.32	0.03	-0.03	-0.51	-0.61	-0.62	-0.60	-0.66	-0.57	-0.42	-0.50	-0.43	-0.64	-0.62	-0.78	-1.08	-0.52	-0.54	-0.19
	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
H Q	28.48	26.20	24.71	24.14	25.05	25.81	27.46	26.10	29.10	29.56	28.51	27.49	25.61	25.12	23.93	23.89	24.61	25.64	28.36	34.30	40.02	33.43	27.17	25.86
61844	-1.03	-0.95	-0.90	-0.90	-0.91	-0.94	-1.00	-0.97	-1.06	-1.07	-1.04	-1.03	-0.96	-0.94	-0.87	-0.89	-0.89	-0.90	-1.03	-1.24	-1.45	-1.21	-0.99	-0.96
	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	32.35	29.68	27.88	27.25	28.27	29.02	30.73	29.51	33.08	33.69	32.57	31.46	29.30	28.75	27.31	27.32	28.16	29.30	32.45	39.24	46.18	38.45	31.14	29.37
61758	2.83	2.53	2.28	2.20	2.31	2.27	2.28	2.44	2.92	3.06	3.02	2.94	2.74	2.68	2.50	2.53	2.65	2.76	3.06	3.70	4.69	3.81	2.98	2.55
	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	-0.02	0.00	0.00	0.00
LONGIL	34.75	31.00	29.06	28.27	29.23	29.98	34.45	36.64	39.07	39.88	34.34	32.94	30.53	29.92	28.47	28.48	30.25	31.30	34.12	40.77	48.46	39.90	33.46	30.73
61762	4.19	3.85	3.45	3.23	3.27	3.23	3.64	3.84	4.49	4.65	4.52	4.42	3.96	3.86	3.67	3.69	3.90	4.14	4.70	5.23	6.93	5.26	4.42	3.89
	-1.05	0.00	0.00	0.00	0.00	0.00	-2.36	-5.72	-4.42	-4.60	-0.27	0.00	0.00	0.00	0.00	0.00	-0.84	-0.62	-0.03	0.00	-0.05	0.00	-0.88	-0.02
MHK VL	29.75	27.34	25.76	25.14	26.06	26.93	28.85	27.37	30.58	31.03	29.96	28.92	26.83	26.30	25.00	24.96	25.69	26.78	29.68	36.11	42.10	35.16	28.55	27.09
61756	0.24	0.19	0.15	0.10	0.10	0.19	0.40	0.30	0.42	0.40	0.41	0.40	0.27	0.23	0.20	0.17	0.18	0.24	0.29	0.57	0.62	0.52	0.39	0.27
	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
MILLWD	32.46	29.78	27.98	27.35	28.35	29.07	30.90	29.70	33.35	33.94	32.83	31.68	29.49	28.93	27.46	27.49	28.34	29.54	32.71	39.59	46.60	38.69	31.34	29.50
61759	2.95	2.63	2.38	2.30	2.39	2.33	2.45	2.63	3.19	3.31	3.28	3.17	2.92	2.87	2.66	2.70	2.83	3.00	3.32	4.05	5.10	4.05	3.18	2.68
	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	-0.02	0.00	0.00	0.00
N.Y.C.	32.88	30.14	28.32	27.62	28.66	29.31	31.16	29.97	33.59	34.24	33.18	32.02	29.83	29.29	27.78	27.81	28.69	29.88	33.09	39.91	46.97	39.08	31.82	29.93
61761	3.36	2.99	2.71	2.58	2.70	2.57	2.70	2.90	3.44	3.61	3.63	3.51	3.27	3.23	2.97	3.02	3.19	3.34	3.70	4.37	5.47	4.44	3.66	3.11
	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	-0.02	0.00	0.00	0.00
NORTH	27.80	25.60	24.12	23.57	24.45	25.25	26.86	25.45	28.44	28.88	27.92	26.86	24.97	24.52	23.41	23.37	24.08	25.13	27.83	33.59	39.07	32.70	26.55	25.18
61755	-1.71	-1.55	-1.49	-1.48	-1.51	-1.50	-1.59	-1.62	-1.72	-1.74	-1.63	-1.65	-1.59	-1.54	-1.39	-1.41	-1.43	-1.41	-1.56	-1.95	-2.41	-1.94	-1.60	-1.64
	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	31.28	30.68	28.60	27.50	27.72	30.00	31.00	30.40	32.00	32.42	31.06	30.09	28.20	27.64	26.27	26.28	27.00	30.53	33.40	38.20	43.50	36.16	29.51	28.30
61845	1.77	1.76	1.61	1.63	1.69	1.66	1.54	1.49	1.72	1.78	1.51	1.57	1.62	1.56	1.44	1.46	1.35	1.43	1.62	2.02	2.03	1.52	1.35	1.47
	0.00	-1.77	-1.38	-0.83	-0.07	-1.60	-1.01	-1.84	-0.13	-0.02	0.00	0.00	-0.01	-0.01	-0.03	-0.03	-0.14	-2.56	-2.40	-0.63	0.01	0.00	0.00	0.00

O H 61846	28.54 -0.97 0.00	26.17 -0.98 0.00	25.01 -0.59 0.00	24.59 -0.45 0.00	25.26 -0.70 0.00	26.23 -0.51 0.00	28.34 -0.11 0.00	26.67 -0.41 0.00	29.13 -1.03 0.00	29.34 -1.29 0.00	28.43 -1.12 0.00	27.44 -1.08 0.00	25.50 -1.06 0.00	25.12 -0.94 0.00	24.11 -0.69 0.00	24.02 -0.77 0.00	24.87 -0.64 0.00	25.50 -1.04 0.00	28.33 -1.06 0.00	33.94 -1.60 0.00	39.16 -2.32 0.00	33.43 -1.21 0.00	27.09 -1.07 0.00	26.34 -0.48 0.00
PJM 61847	30.61 1.09 0.00	28.10 0.95 0.00	26.60 1.00 0.00	26.07 1.03 0.00	26.92 0.96 0.00	27.76 1.02 0.00	29.70 1.25 0.00	28.46 1.38 0.00	31.48 1.33 0.00	31.89 1.26 0.00	30.91 1.36 0.00	29.86 1.34 0.00	27.79 1.22 0.00	27.29 1.23 0.00	26.04 1.24 0.00	26.00 1.21 0.00	26.86 1.35 0.00	27.79 1.25 0.00	30.80 1.41 0.00	37.10 1.56 0.00	43.27 1.78 -0.01	36.37 1.73 0.00	29.51 1.35 0.00	28.03 1.21 0.00
WEST 61752	29.04 -0.47 0.00	26.61 -0.54 0.00	25.42 -0.18 0.00	25.04 0.00 0.00	25.73 -0.23 0.00	26.77 0.03 0.00	28.97 0.51 0.00	27.27 0.19 0.00	29.73 -0.42 0.00	29.95 -0.67 0.00	28.99 -0.56 0.00	27.98 -0.54 0.00	25.98 -0.58 0.00	25.57 -0.50 0.00	24.58 -0.22 0.00	24.46 -0.32 0.00	25.38 -0.13 0.00	25.98 -0.56 0.00	28.89 -0.50 0.00	34.58 -0.96 0.00	39.99 -1.49 0.00	34.12 -0.52 0.00	27.60 -0.56 0.00	26.85 0.03 0.00