

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/15/2018

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	29.97	26.59	24.21	24.41	24.99	26.52	26.27	28.61	31.39	36.51	37.89	38.66	37.34	37.12	36.65	32.26	36.40	37.34	38.74	44.22	47.83	37.38	35.73	30.35
61757	1.62	1.41	1.26	1.36	1.37	1.38	1.34	1.65	1.72	2.07	2.18	2.29	2.28	2.17	2.04	1.80	1.99	2.11	2.23	2.50	2.75	2.15	1.81	1.48
	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	-2.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.61	-2.39
CENTRL	28.19	25.03	22.79	22.89	23.48	25.09	24.92	26.94	29.55	34.17	35.39	36.04	34.71	34.46	32.10	30.19	34.03	34.76	36.08	41.42	44.77	35.02	28.51	26.54
61754	-0.17	-0.15	-0.16	-0.16	-0.14	-0.05	0.00	-0.03	-0.12	-0.28	-0.32	-0.33	-0.35	-0.49	-0.35	-0.27	-0.38	-0.46	-0.44	-0.29	-0.31	-0.21	-0.11	-0.08
	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	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-0.14	
DUNWOD	31.25	27.73	25.22	25.24	25.86	27.48	27.21	29.63	32.84	38.09	39.60	40.29	38.99	38.93	37.77	34.21	38.50	39.52	40.97	46.68	50.49	39.63	35.85	31.29
61760	2.89	2.54	2.27	2.19	2.24	2.34	2.29	2.67	3.18	3.65	3.89	3.93	3.93	3.98	3.75	3.75	4.09	4.30	4.45	4.96	5.41	4.40	3.40	3.04
	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	-1.69	0.00	0.00	0.00	0.00	0.00	0.00	-4.15	-1.77	
GENESE	27.54	24.40	22.17	22.27	22.86	24.51	24.32	26.32	28.75	33.17	34.35	35.02	33.70	33.38	31.07	29.34	33.07	33.64	34.95	40.21	43.37	34.03	27.79	25.84
61753	-0.82	-0.78	-0.78	-0.78	-0.76	-0.63	-0.60	-0.65	-0.92	-1.27	-1.36	-1.34	-1.37	-1.57	-1.36	-1.13	-1.34	-1.58	-1.57	-1.50	-1.71	-1.20	-0.76	-0.74
	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	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.10	
H Q	27.82	24.73	22.54	22.64	23.19	24.69	24.47	26.48	29.14	33.93	35.18	35.78	34.47	34.39	31.75	29.88	33.86	34.62	35.89	41.01	44.32	34.48	27.66	25.92
61844	-0.54	-0.45	-0.41	-0.41	-0.42	-0.45	-0.45	-0.48	-0.53	-0.52	-0.53	-0.58	-0.60	-0.56	-0.58	-0.58	-0.55	-0.60	-0.62	-0.71	-0.77	-0.74	-0.65	-0.56
	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	30.88	27.43	25.04	25.06	25.72	27.30	27.04	29.39	32.61	37.68	39.14	39.86	38.57	38.48	37.28	33.76	37.99	38.99	40.46	46.09	49.91	39.10	35.33	30.99
61758	2.52	2.24	2.09	2.00	2.10	2.16	2.12	2.43	2.94	3.24	3.43	3.49	3.51	3.53	3.30	3.29	3.58	3.77	3.94	4.38	4.83	3.87	2.97	2.78
	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	-1.65	0.00	0.00	0.00	0.00	0.00	0.00	-4.05	-1.73	
LONGIL	31.59	28.28	25.50	25.36	26.00	27.63	27.49	30.36	33.91	39.20	52.76	53.00	49.27	43.81	41.64	45.43	54.36	46.36	48.20	54.85	67.83	49.41	36.87	32.22
61762	3.23	3.10	2.55	2.31	2.38	2.49	2.57	3.40	4.24	4.75	5.14	5.24	5.08	5.07	4.85	4.66	5.26	5.35	5.59	6.34	6.94	5.60	4.41	3.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.91	-11.40	-9.12	-3.79	-4.46	-10.31	-14.69	-5.78	-6.10	-6.80	-15.81	-8.58	-4.15	-1.79
MHK VL	28.53	25.34	23.04	23.15	23.74	25.32	25.15	27.26	30.08	34.93	36.21	36.87	35.52	35.44	32.89	30.74	34.86	35.65	36.95	42.34	45.67	35.61	28.96	26.85
61756	0.17	0.15	0.09	0.09	0.12	0.18	0.22	0.30	0.42	0.48	0.50	0.51	0.45	0.49	0.39	0.27	0.45	0.42	0.44	0.63	0.58	0.39	0.23	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	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-0.18	
MILLWD	31.19	27.70	25.20	25.22	25.84	27.43	27.19	29.61	32.84	38.09	39.60	40.29	38.96	38.90	37.72	34.15	38.43	39.48	40.97	46.68	50.49	39.59	35.83	31.25
61759	2.84	2.52	2.25	2.17	2.22	2.29	2.27	2.64	3.18	3.65	3.89	3.93	3.89	3.95	3.68	3.68	4.02	4.26	4.45	4.96	5.41	4.37	3.34	2.99
	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	-1.71	0.00	0.00	0.00	0.00	0.00	0.00	-4.18	-1.78	
N.Y.C.	31.62	28.01	25.47	25.47	26.10	27.68	27.39	29.77	33.02	38.33	39.82	40.55	39.34	39.29	38.06	34.55	38.85	39.87	41.34	47.06	50.90	40.05	36.19	31.58
61761	3.26	2.82	2.52	2.42	2.48	2.54	2.47	2.80	3.35	3.89	4.11	4.18	4.28	4.33	4.04	4.08	4.44	4.65	4.82	5.34	5.82	4.83	3.74	3.34
	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	-1.69	0.00	0.00	0.00	0.00	0.00	0.00	-4.15	-1.77	
NORTH	27.31	24.30	22.12	22.22	22.77	24.31	24.10	26.02	28.66	33.65	34.89	35.46	33.94	34.04	31.23	29.31	33.45	34.13	35.38	40.46	43.73	33.71	26.80	25.23
61755	-1.05	-0.88	-0.83	-0.83	-0.85	-0.83	-0.82	-0.94	-1.01	-0.79	-0.82	-0.91	-1.12	-0.91	-1.10	-1.16	-0.96	-1.09	-1.13	-1.25	-1.35	-1.51	-1.50	-1.24
	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	33.20	32.86	27.16	26.40	26.46	32.05	34.52	37.50	39.00	41.80	44.14	45.09	40.33	39.00	38.00	36.43	43.50	49.21	49.20	51.32	48.50	41.56	37.47	32.36
61845	1.84	1.61	1.45	1.52	1.51	1.56	1.52	1.78	1.90	2.21	2.32	2.40	2.39	2.38	2.20	1.95	2.17	2.29	2.37	2.59	2.84	2.32	2.01	1.72
	-3.00	-6.06	-2.77	-1.83	-1.33	-5.35	-8.08	-8.76	-7.43	-5.15	-6.11	-6.33	-2.88	-1.67	-3.47	-4.01	-6.92	-11.70	-10.31	-7.02	-0.57	-4.01	-7.15	-4.16

O H 61846	27.37 -0.99 0.00	24.25 -0.93 0.00	22.03 -0.92 0.00	22.11 -0.95 0.00	22.75 -0.87 0.00	24.36 -0.78 0.00	24.05 -0.87 0.00	25.86 -1.11 0.00	28.25 -1.42 0.00	32.55 -1.89 0.00	33.75 -1.96 0.00	34.29 -2.07 0.00	32.92 -2.14 0.00	32.50 -2.45 0.00	30.43 -2.04 -0.14	28.76 -1.71 0.00	32.58 -1.82 0.00	33.01 -2.22 0.00	34.29 -2.23 0.00	39.46 -2.25 0.00	42.52 -2.57 0.00	33.54 -1.69 0.00	27.53 -1.10 -0.33	25.75 -0.87 -0.14
PJM 61847	29.41 1.05 0.00	26.07 0.88 0.00	23.73 0.78 0.00	23.77 0.72 0.00	24.42 0.80 0.00	26.02 0.88 0.00	25.77 0.85 0.00	27.91 0.94 0.00	30.74 1.07 0.00	35.55 1.10 0.00	36.89 1.18 0.00	37.49 1.13 0.00	36.15 1.09 0.00	35.90 0.94 0.00	34.23 1.03 -0.86	31.65 1.19 0.00	35.72 1.31 0.00	36.46 1.23 0.00	37.87 1.35 0.00	43.34 1.63 0.00	46.80 1.71 0.00	36.77 1.55 0.00	31.70 1.27 -2.12	28.60 1.22 -0.90
WEST 61752	27.85 -0.51 0.00	24.66 -0.53 0.00	22.38 -0.57 0.00	22.45 -0.60 0.00	23.10 -0.52 0.00	24.79 -0.35 0.00	24.50 -0.42 0.00	26.37 -0.59 0.00	28.81 -0.86 0.00	33.20 -1.24 0.00	34.43 -1.28 0.00	35.02 -1.34 0.00	33.56 -1.51 0.00	33.10 -1.85 0.00	30.97 -1.49 -0.13	29.24 -1.22 0.00	33.17 -1.24 0.00	33.57 -1.65 0.00	34.87 -1.64 0.00	40.21 -1.50 0.00	43.32 -1.76 0.00	34.17 -1.06 0.00	28.03 -0.60 -0.32	26.16 -0.45 -0.14