

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/27/2019

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	19.12	15.05	7.51	0.67	1.46	13.21	14.18	17.91	2.68	12.91	10.45	13.38	21.22	17.66	13.78	3.68	15.36	15.69	19.36	24.40	23.42	18.05	17.56	17.34
61757	0.95	0.73	0.37	0.04	0.08	0.74	0.78	0.05	0.16	0.45	0.60	0.81	1.28	0.99	0.78	0.13	0.89	0.91	1.24	1.59	1.58	1.12	1.06	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-17.07	0.00	-5.63	-0.63	0.00	0.00	0.00	-0.14	-1.55	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	18.13	14.33	7.16	0.64	1.39	12.57	12.74	3.20	2.55	7.71	9.47	12.79	20.26	16.97	13.04	2.25	14.52	15.01	18.38	23.27	22.31	17.28	16.78	16.59
61754	-0.03	0.00	0.02	0.00	0.01	0.09	0.11	0.01	0.03	0.10	0.16	0.22	0.32	0.30	0.18	0.02	0.19	0.23	0.26	0.46	0.47	0.35	0.28	0.29
	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-2.40	0.00	-0.79	-0.09	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	19.52	15.33	7.65	0.68	1.49	13.50	14.30	14.03	2.78	11.83	10.65	13.84	21.99	18.40	16.10	3.41	17.71	16.31	20.00	24.95	24.04	18.73	18.18	17.86
61760	1.36	1.01	0.51	0.05	0.11	1.02	1.10	0.08	0.26	0.71	0.95	1.27	2.05	1.74	1.37	0.21	1.47	1.53	1.88	2.14	2.20	1.79	1.68	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-13.17	0.00	-4.30	-0.48	0.00	0.00	0.00	-1.88	-1.19	-1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	17.34	13.76	6.89	0.62	1.35	12.10	12.20	2.49	2.43	7.17	9.03	12.20	19.31	16.23	12.43	2.10	13.86	14.40	17.60	22.42	21.48	16.58	16.09	15.95
61753	-0.82	-0.57	-0.25	-0.02	-0.04	-0.37	-0.40	-0.03	-0.09	-0.22	-0.27	-0.37	-0.63	-0.44	-0.42	-0.07	-0.46	-0.38	-0.53	-0.39	-0.36	-0.36	-0.42	-0.35
	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-1.73	0.00	-0.57	-0.06	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	17.90	14.12	7.03	0.62	1.36	12.27	12.29	-0.49	2.46	6.66	9.00	12.26	19.47	16.28	12.56	1.96	14.00	14.47	17.74	22.33	21.32	16.54	16.13	15.93
61844	-0.26	-0.21	-0.11	-0.01	-0.02	-0.20	-0.22	-0.02	-0.05	-0.16	-0.23	-0.31	-0.47	-0.39	-0.29	-0.05	-0.32	-0.31	-0.39	-0.48	-0.52	-0.39	-0.37	-0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	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
HUD VL	19.32	15.17	7.58	0.67	1.48	13.38	14.16	13.96	2.75	11.74	10.55	13.70	21.75	18.20	12.83	3.38	14.34	16.13	19.80	24.76	23.84	18.55	17.99	17.68
61758	1.15	0.85	0.43	0.04	0.09	0.90	0.96	0.07	0.23	0.63	0.85	1.13	1.81	1.53	1.20	0.19	1.30	1.35	1.68	1.94	2.00	1.61	1.49	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	-13.10	0.00	-4.28	-0.48	0.00	0.00	0.00	1.23	-1.18	1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	21.75	15.82	7.89	0.70	1.55	13.95	17.32	14.07	2.87	12.08	10.94	14.19	24.29	45.84	36.25	32.63	26.02	17.29	24.39	25.71	24.55	19.22	18.76	18.42
61762	2.04	1.49	0.75	0.06	0.16	1.48	1.60	0.10	0.36	0.95	1.23	1.62	2.69	2.29	1.79	0.28	1.97	2.07	2.53	2.83	2.70	2.29	2.26	2.12
	-1.54	0.00	0.00	0.00	0.00	0.00	-3.21	-13.18	0.00	-4.30	-0.48	0.00	-1.66	-26.89	-21.61	-30.34	-9.73	-0.44	-3.74	-0.06	-0.01	0.00	0.00	0.00
MHK VL	18.23	14.37	7.16	0.64	1.39	12.59	12.79	3.55	2.57	7.96	9.54	12.83	20.34	17.00	12.92	2.31	14.42	15.11	18.50	23.32	22.35	17.31	16.82	16.58
61756	0.06	0.04	0.02	0.00	0.00	0.11	0.14	0.01	0.05	0.15	0.20	0.26	0.40	0.34	0.26	0.04	0.30	0.33	0.38	0.51	0.51	0.38	0.32	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-2.75	0.00	-0.99	-0.11	0.00	0.00	0.00	0.19	-0.26	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	19.39	15.22	7.60	0.67	1.48	13.41	14.21	14.04	2.76	11.79	10.59	13.76	21.84	18.28	14.89	3.40	16.46	16.19	19.88	24.82	23.91	18.62	18.06	17.75
61759	1.23	0.90	0.46	0.04	0.09	0.94	1.01	0.07	0.25	0.66	0.88	1.19	1.90	1.61	1.27	0.20	1.36	1.42	1.76	2.01	2.07	1.68	1.56	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-13.18	0.00	-4.30	-0.48	0.00	0.00	0.00	-0.76	-1.19	-0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	19.66	15.43	7.70	0.68	1.50	13.58	14.39	14.05	2.80	11.89	10.72	13.95	22.17	18.57	16.19	3.43	17.81	16.44	20.16	25.11	24.21	18.88	18.32	18.00
61761	1.50	1.11	0.56	0.05	0.11	1.10	1.19	0.09	0.28	0.76	1.02	1.38	2.23	1.90	1.50	0.23	1.61	1.66	2.03	2.30	2.37	1.94	1.82	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-13.17	0.00	-4.30	-0.48	0.00	0.00	0.00	-1.83	-1.19	-1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	17.76	14.01	6.97	0.62	1.35	12.14	12.11	0.75	2.42	6.50	8.75	11.93	18.95	15.81	12.19	1.91	13.62	14.09	17.28	21.77	20.81	16.11	15.75	15.57
61755	-0.40	-0.32	-0.17	-0.02	-0.04	-0.33	-0.40	-0.04	-0.10	-0.33	-0.48	-0.64	-0.99	-0.85	-0.66	-0.10	-0.71	-0.69	-0.84	-1.04	-1.03	-0.82	-0.75	-0.73
	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	20.10	17.77	7.77	6.97	9.78	17.78	18.51	16.57	3.74	14.52	14.88	16.26	22.31	17.46	13.80	4.52	16.68	15.50	20.19	26.75	25.71	17.94	18.30	17.45
61845	0.92	0.73	0.37	0.04	0.07	0.72	0.73	0.05	0.15	0.43	0.58	0.78	1.24	0.93	0.75	0.13	0.88	0.82	1.14	1.38	1.37	1.00	1.01	0.98
	-1.02	-2.72	-0.26	-6.30	-8.33	-4.58	-5.27	-15.73	-1.07	-7.27	-5.07	-2.91	-1.14	0.13	-0.20	-2.39	-1.48	0.10	-0.92	-2.56	-2.49	0.00	-0.79	-0.16

O H 61846	16.84 -1.33 0.00	13.43 -0.89 0.00	6.76 -0.39 0.00	0.61 -0.03 0.00	1.33 -0.06 0.00	11.86 -0.62 0.00	11.94 -0.70 -0.12	3.02 -0.05 -2.29	2.34 -0.17 0.00	7.12 -0.45 -0.75	8.74 -0.58 -0.08	11.78 -0.79 0.00	18.60 -1.34 0.00	15.69 -0.98 0.00	12.00 -0.86 0.00	2.08 -0.14 -0.21	13.42 -0.90 0.00	14.01 -0.77 0.00	17.10 -1.02 0.00	21.92 -0.89 0.00	20.94 -0.90 0.00	16.18 -0.76 0.00	15.74 -0.76 0.00	15.72 -0.58 0.00
PJM 61847	18.28 0.12 0.00	14.44 0.12 0.00	7.23 0.09 0.00	0.64 0.01 0.00	1.41 0.03 0.00	12.74 0.26 0.00	13.20 0.28 -0.40	7.33 0.02 -6.53	2.58 0.07 0.00	9.56 0.19 -2.55	9.78 0.27 -0.28	12.93 0.36 0.00	20.49 0.55 0.00	17.18 0.51 0.00	11.98 0.35 1.23	2.76 0.05 -0.70	13.45 0.38 1.26	15.26 0.48 0.00	18.67 0.55 0.00	23.58 0.77 0.00	22.63 0.79 0.00	17.59 0.65 0.00	17.10 0.60 0.00	16.91 0.61 0.00
WEST 61752	17.09 -1.07 0.00	13.62 -0.71 0.00	6.85 -0.30 0.00	0.62 -0.02 0.00	1.35 -0.04 0.00	12.02 -0.46 0.00	12.09 -0.53 -0.11	2.92 -0.04 -2.18	2.38 -0.13 0.00	7.21 -0.33 -0.72	8.93 -0.38 -0.08	12.05 -0.52 0.00	19.01 -0.93 0.00	16.05 -0.62 0.00	12.25 -0.61 0.00	2.11 -0.10 -0.20	13.67 -0.65 0.00	14.27 -0.51 0.00	17.43 -0.69 0.00	22.44 -0.37 0.00	21.51 -0.33 0.00	16.62 -0.32 0.00	16.16 -0.34 0.00	16.15 -0.15 0.00