

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/10/2019

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	33.35	27.06	24.68	23.81	16.39	9.40	49.75	34.54	31.16	25.09	25.35	23.23	22.71	28.78	26.70	22.96	26.16	20.87	28.68	23.55	21.71	26.81	22.16	20.39
61757	1.40	1.18	1.11	1.05	0.73	0.39	1.72	1.31	1.22	1.18	1.23	1.13	1.11	1.36	1.17	0.95	1.17	1.03	1.47	1.27	1.22	1.44	1.10	0.98
	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	32.23	26.04	23.75	22.89	15.77	9.10	48.24	33.34	30.00	24.18	24.51	22.44	22.03	27.78	25.93	22.44	25.40	20.25	27.74	22.71	20.90	25.88	21.46	19.87
61754	0.27	0.16	0.17	0.13	0.11	0.09	0.22	0.11	0.06	0.26	0.39	0.34	0.44	0.37	0.40	0.43	0.41	0.41	0.53	0.44	0.40	0.51	0.40	0.46
	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	34.35	27.78	25.30	24.39	16.81	9.61	50.56	35.23	31.84	25.86	26.30	24.26	23.82	30.36	28.22	24.37	27.55	21.82	29.89	24.43	22.46	27.97	23.00	21.08
61760	2.39	1.90	1.72	1.63	1.15	0.60	2.54	2.00	1.90	1.95	2.19	2.15	2.22	2.94	2.69	2.36	2.56	1.97	2.68	2.15	1.96	2.60	1.93	1.66
	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
GENESE	31.37	25.30	23.07	22.18	15.32	8.91	47.26	32.68	29.40	23.68	24.06	21.92	21.43	26.81	25.11	21.83	24.70	19.71	26.95	22.08	20.31	25.14	20.87	19.43
61753	-0.58	-0.58	-0.50	-0.58	-0.34	-0.10	-0.76	-0.55	-0.53	-0.23	-0.06	-0.18	-0.16	-0.60	-0.43	-0.18	-0.29	-0.14	-0.26	-0.20	-0.19	-0.23	-0.20	0.02
	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	30.53	25.26	22.98	22.21	15.27	8.83	47.54	36.09	29.62	23.37	23.48	21.48	20.88	26.57	24.78	21.33	24.27	19.30	26.49	21.70	19.94	24.62	20.49	18.86
61844	-0.76	-0.61	-0.60	-0.55	-0.39	-0.19	-0.48	-0.33	-0.32	-0.54	-0.64	-0.62	-0.71	-0.85	-0.76	-0.68	-0.72	-0.54	-0.72	-0.58	-0.56	-0.75	-0.58	-0.55
	0.67	0.00	0.00	0.00	0.00	0.00	0.00	-3.20	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	34.13	27.59	25.14	24.25	16.71	9.56	50.32	35.14	31.72	25.72	26.11	24.06	23.63	30.12	28.00	24.17	27.34	21.67	29.72	24.30	22.33	27.78	22.83	20.93
61758	2.17	1.72	1.57	1.49	1.05	0.54	2.30	1.91	1.78	1.81	2.00	1.95	2.04	2.70	2.46	2.16	2.35	1.83	2.51	2.02	1.84	2.41	1.76	1.52
	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
LONGIL	51.83	38.84	38.95	38.75	30.04	11.62	51.74	36.17	32.50	26.33	26.82	24.69	24.64	44.06	32.57	27.72	28.08	22.17	30.36	24.87	22.89	28.48	23.44	21.43
61762	3.25	2.62	2.36	2.25	1.58	0.84	3.71	2.93	2.57	2.42	2.71	2.59	2.71	3.55	3.26	2.88	3.09	2.33	3.15	2.60	2.40	3.11	2.37	2.02
	-16.62	-10.33	-13.00	-13.74	-12.80	-1.77	0.00	-0.01	0.00	0.00	0.00	0.00	-0.34	-13.10	-3.78	-2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MHK VL	32.55	26.30	23.93	23.13	15.92	9.16	48.99	33.98	30.58	24.43	24.75	22.66	22.08	28.00	26.09	22.48	25.52	20.33	27.88	22.86	21.06	26.03	21.57	19.87
61756	0.60	0.43	0.36	0.37	0.26	0.14	0.97	0.76	0.65	0.52	0.63	0.55	0.49	0.59	0.55	0.47	0.52	0.48	0.68	0.59	0.56	0.66	0.50	0.46
	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	34.26	27.72	25.24	24.33	16.77	9.60	50.51	35.19	31.78	25.80	26.23	24.18	23.72	30.22	28.10	24.26	27.45	21.75	29.78	24.35	22.41	27.90	22.94	21.02
61759	2.31	1.84	1.66	1.58	1.11	0.58	2.49	1.97	1.85	1.89	2.11	2.07	2.12	2.81	2.57	2.25	2.46	1.91	2.58	2.07	1.91	2.53	1.87	1.61
	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
N.Y.C.	34.58	27.95	25.43	24.51	16.90	9.67	50.77	35.41	32.71	32.81	28.87	26.49	32.07	32.85	31.21	28.43	30.81	26.65	32.41	28.46	26.64	30.79	23.47	21.25
61761	2.62	2.07	1.85	1.75	1.24	0.65	2.75	2.19	2.11	2.15	2.38	2.36	2.42	3.19	2.91	2.57	2.80	2.15	2.91	2.34	2.13	2.81	2.11	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	-6.75	-2.37	-2.02	-8.06	-2.24	-2.76	-3.85	-3.02	-4.66	-2.30	-3.84	-4.02	-2.61	-0.30	0.00
NORTH	31.62	25.57	23.24	22.49	15.44	8.87	48.28	33.50	30.01	23.71	23.81	21.73	20.97	26.65	24.89	21.41	24.41	19.47	26.74	21.93	20.13	24.80	20.61	18.97
61755	-0.34	-0.31	-0.33	-0.27	-0.22	-0.14	0.26	0.27	0.08	-0.20	-0.31	-0.37	-0.62	-0.76	-0.65	-0.59	-0.58	-0.38	-0.46	-0.35	-0.37	-0.57	-0.46	-0.44
	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	32.99	32.07	27.28	27.03	25.04	14.77	70.58	38.80	38.94	24.98	26.50	23.17	22.80	29.19	26.75	22.98	26.44	21.98	31.64	24.05	22.36	28.07	23.20	20.89
61845	1.43	1.22	1.16	1.11	0.76	0.37	1.47	1.05	0.98	1.03	1.13	1.06	1.12	1.42	1.22	0.98	1.21	1.00	1.38	1.12	1.07	1.35	1.04	0.95
	0.39	-4.97	-2.55	-3.17	-8.63	-5.39	-21.08	-4.53	-8.03	-0.03	-1.26	0.00	-0.08	-0.34	0.00	0.00	-0.24	-1.13	-3.05	-0.65	-0.79	-1.35	-1.09	-0.53

O H 61846	30.69 -0.87 0.39	25.04 -0.84 0.00	22.87 -0.70 0.00	21.94 -0.81 0.00	15.13 -0.52 0.00	8.79 -0.23 0.00	46.18 -1.84 0.00	31.62 -1.61 0.00	29.56 -1.62 -1.25	22.90 -1.01 0.00	23.34 -0.78 0.00	21.27 -0.84 0.00	20.98 -0.61 0.00	26.09 -1.32 0.00	24.56 -0.97 0.00	21.48 -0.52 0.00	24.24 -0.75 0.00	19.23 -0.61 0.00	26.17 -1.03 0.00	-17.19 -0.92 38.55	19.58 -0.92 0.00	24.37 -1.00 0.00	20.37 -0.70 0.00	19.22 -0.20 0.00
PJM 61847	32.21 0.93 0.67	26.54 0.66 0.00	24.21 0.63 0.00	23.32 0.56 0.00	16.06 0.40 0.00	9.22 0.20 0.00	48.42 0.40 0.00	36.62 0.20 -3.20	28.56 0.08 1.45	24.37 0.46 0.00	24.82 0.70 0.00	22.81 0.70 0.00	22.53 0.94 0.00	28.46 1.05 0.00	26.62 1.09 0.00	23.10 1.09 0.00	26.04 1.05 0.00	20.58 0.73 0.00	28.06 0.86 0.00	22.89 0.62 0.00	21.02 0.53 0.00	26.20 0.83 0.00	21.73 0.66 0.00	20.20 0.79 0.00
WEST 61752	31.83 -0.13 0.00	25.62 -0.26 0.00	23.37 -0.20 0.00	22.40 -0.36 0.00	15.46 -0.19 0.00	9.00 -0.02 0.00	47.40 -0.62 0.00	32.63 -0.60 0.00	29.22 -0.72 0.00	23.63 -0.28 0.00	24.12 0.00 0.00	21.95 -0.15 0.00	21.69 0.09 0.00	26.99 -0.43 0.00	25.38 -0.15 0.00	22.22 0.21 0.00	25.04 0.05 0.00	19.83 -0.02 0.00	26.97 -0.24 0.00	22.02 -0.26 0.00	20.21 -0.29 0.00	25.11 -0.26 0.00	20.98 -0.09 0.00	19.77 0.36 0.00