

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/02/2016

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	17.83	21.52	10.28	18.29	12.13	7.30	21.91	25.24	27.54	22.16	23.16	21.27	21.16	21.67	21.50	21.31	130.84	21.26	51.27	36.31	53.06	22.50	22.28	21.16
61757	1.18	0.93	0.64	1.13	0.75	0.45	1.40	1.59	1.66	1.30	1.32	1.18	1.19	1.25	1.23	1.22	7.25	1.21	2.96	2.06	2.95	1.28	1.25	1.19
	0.00	-7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.69	13.23	9.66	17.20	11.46	6.93	20.83	23.88	26.17	21.15	22.18	20.56	20.47	20.86	20.72	20.54	126.01	20.39	49.39	35.07	51.07	21.53	21.31	20.26
61754	0.05	0.00	0.02	0.05	0.08	0.08	0.32	0.23	0.29	0.29	0.34	0.47	0.49	0.43	0.45	0.44	2.42	0.34	1.08	0.81	0.96	0.32	0.28	0.30
	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.37	19.93	10.54	18.68	12.40	7.50	22.53	26.07	28.63	23.11	24.15	22.23	22.05	22.63	22.49	22.30	136.77	22.32	53.47	37.94	55.48	23.51	23.18	21.92
61760	1.72	1.27	0.90	1.53	1.02	0.65	2.02	2.41	2.76	2.25	2.32	2.15	2.08	2.20	2.22	2.21	13.19	2.27	5.16	3.69	5.36	2.29	2.16	1.96
	0.00	-5.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.30	12.78	9.42	16.80	11.23	6.80	20.37	23.34	25.52	20.63	21.69	20.16	20.12	20.46	20.28	20.06	123.33	19.93	48.45	34.30	50.03	21.04	20.88	19.95
61753	-0.34	-0.31	-0.22	-0.36	-0.15	-0.05	-0.14	-0.32	-0.35	-0.24	-0.14	0.07	0.15	0.04	0.01	-0.03	-0.26	-0.12	0.14	0.04	-0.08	-0.18	-0.14	-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	16.18	12.74	9.41	16.77	11.10	6.69	19.98	23.08	25.21	15.45	21.25	14.65	14.56	14.88	14.73	14.65	119.93	19.46	46.87	33.27	48.71	20.65	20.48	19.44
61844	-0.47	-0.35	-0.23	-0.38	-0.28	-0.16	-0.53	-0.58	-0.67	-0.55	-0.59	-0.59	-0.57	-0.59	-0.60	-0.60	-3.66	-0.60	-1.44	-0.98	-1.40	-0.57	-0.55	-0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.86	0.00	4.85	4.84	4.95	4.94	4.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	18.31	19.88	10.52	18.65	12.38	7.49	22.51	26.05	28.58	23.06	24.10	22.17	21.97	22.54	22.41	22.23	136.40	22.24	53.36	37.87	55.41	23.45	23.12	21.86
61758	1.67	1.25	0.88	1.50	1.00	0.63	2.00	2.39	2.70	2.19	2.27	2.08	2.00	2.12	2.14	2.14	12.81	2.19	5.05	3.62	5.30	2.23	2.10	1.90
	0.00	-5.55	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	0.00	0.00
LONGIL	27.05	20.36	10.84	19.20	12.77	35.39	59.21	115.00	121.32	152.86	57.92	49.61	22.57	23.17	23.04	22.77	140.19	23.05	71.93	39.33	61.48	128.23	87.44	35.32
61762	2.37	1.70	1.20	2.04	1.38	0.96	2.83	3.30	3.78	2.90	2.75	2.78	2.60	2.74	2.78	2.68	16.60	2.99	7.12	5.07	7.28	3.11	2.92	2.73
	-8.03	-5.57	0.00	0.00	0.00	-27.57	-35.87	-88.04	-91.66	-129.09	-33.34	-26.74	0.00	0.00	0.00	0.00	0.00	0.00	-16.50	0.00	-4.08	-103.89	-63.50	-12.63
MHK VL	17.04	13.85	9.86	17.54	11.66	7.05	21.25	24.54	26.87	21.68	22.68	20.88	20.72	21.16	21.04	20.83	128.09	20.76	50.18	35.59	51.96	21.95	21.71	20.57
61756	0.40	0.29	0.22	0.38	0.28	0.20	0.74	0.89	0.99	0.82	0.85	0.79	0.75	0.74	0.78	0.74	4.50	0.71	1.87	1.33	1.85	0.73	0.68	0.61
	0.00	-0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.35	19.97	10.53	18.67	12.39	7.49	22.54	26.09	28.64	23.11	24.15	22.22	22.04	22.61	22.47	22.29	136.73	22.30	53.49	37.96	55.51	23.51	23.17	21.90
61759	1.71	1.27	0.89	1.51	1.01	0.64	2.03	2.43	2.76	2.25	2.31	2.14	2.07	2.19	2.20	2.20	13.14	2.25	5.17	3.71	5.40	2.29	2.14	1.94
	0.00	-5.61	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
N.Y.C.	18.46	19.99	10.58	18.75	12.44	7.54	22.64	26.20	28.82	23.30	24.35	22.41	22.26	22.84	22.70	22.50	137.81	22.50	53.76	38.18	55.82	23.67	23.35	22.08
61761	1.82	1.34	0.94	1.59	1.06	0.68	2.13	2.55	2.95	2.43	2.51	2.32	2.29	2.41	2.43	2.41	14.22	2.45	5.45	3.92	5.71	2.45	2.32	2.11
	0.00	-5.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	16.07	12.50	9.40	16.80	11.11	6.70	19.98	23.13	25.23	20.32	21.23	19.43	19.33	19.81	19.62	19.41	119.41	19.37	46.72	33.22	48.71	20.66	20.50	19.44
61755	-0.58	-0.43	-0.24	-0.35	-0.27	-0.16	-0.54	-0.53	-0.64	-0.55	-0.60	-0.66	-0.64	-0.62	-0.65	-0.69	-4.18	-0.68	-1.59	-1.04	-1.40	-0.56	-0.53	-0.53
	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.26	22.04	7.00	20.02	12.15	7.48	22.30	25.75	28.11	22.59	23.58	21.62	21.48	22.05	21.89	21.72	133.41	21.72	52.23	36.75	53.52	22.95	22.69	21.60
61845	1.62	1.28	0.87	1.54	1.00	0.59	1.79	2.09	2.23	1.73	1.75	1.53	1.51	1.63	1.62	1.64	9.99	1.67	3.92	2.73	3.89	1.73	1.66	1.64
	0.00	-7.67	3.51	-1.33	0.23	-0.04	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	0.23	0.48	0.00	0.00	0.00

O H 61846	16.00 -0.64 0.00	12.69 -0.54 -0.14	9.27 -0.37 0.00	14.53 -0.60 2.03	11.08 -0.30 0.00	6.68 -0.18 0.00	19.81 -0.70 0.00	22.49 -1.17 0.00	24.67 -1.20 0.00	19.96 -0.91 0.00	20.99 -0.85 0.00	19.59 -0.51 0.00	19.59 -0.38 0.00	19.87 -0.55 0.00	19.72 -0.55 0.00	19.50 -0.59 0.00	119.84 -3.75 0.00	19.25 -0.80 0.00	46.76 -1.55 0.00	33.20 -1.06 0.00	48.45 -1.66 0.00	20.46 -0.76 0.00	20.44 -0.58 0.00	19.67 -0.29 0.00
PJM 61847	17.26 0.61 0.00	16.08 0.42 -2.57	9.96 0.32 0.00	17.71 0.55 0.00	11.78 0.40 0.00	7.11 0.26 0.00	21.29 0.78 0.00	24.39 0.74 0.00	26.78 0.90 0.00	21.64 0.78 0.00	22.67 0.84 0.00	20.97 0.88 0.00	20.86 0.89 0.00	21.32 0.89 0.00	21.20 0.93 0.00	21.01 0.93 0.00	128.96 5.37 0.00	20.86 0.80 0.00	50.10 1.96 0.17	35.78 1.52 0.00	52.13 2.01 0.00	22.06 0.84 0.00	21.84 0.81 0.00	20.80 0.83 0.00
WEST 61752	16.20 -0.45 0.00	12.83 -0.40 -0.14	9.37 -0.27 0.00	16.74 -0.41 0.00	11.23 -0.15 0.00	6.77 -0.08 0.00	20.15 -0.36 0.00	22.86 -0.79 0.00	25.12 -0.76 0.00	20.32 -0.54 0.00	21.41 -0.42 0.00	19.99 -0.10 0.00	19.97 0.00 0.00	20.25 -0.18 0.00	20.08 -0.19 0.00	19.82 -0.27 0.00	121.80 -1.79 0.00	19.57 -0.48 0.00	47.60 -0.71 0.00	33.76 -0.50 0.00	49.32 -0.80 0.00	20.79 -0.43 0.00	20.80 -0.23 0.00	20.02 0.05 0.00