

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/08/2017

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	16.32	16.95	13.32	14.16	14.92	10.56	17.76	17.66	18.45	18.56	21.09	22.90	23.32	22.00	21.64	22.69	25.04	22.10	20.85	19.14	21.85	19.94	18.31	18.18
61757	0.74	0.82	0.64	0.69	0.71	0.53	0.83	0.92	0.96	0.87	1.01	1.10	1.12	1.06	1.04	1.15	1.34	1.34	1.25	1.08	1.28	1.08	0.54	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-8.03	-6.97
CENTRL	15.91	16.42	12.92	13.71	14.48	10.28	17.35	17.26	18.15	18.38	20.84	22.51	23.05	21.62	21.26	22.18	24.34	21.32	20.14	18.56	21.12	19.34	11.19	11.96
61754	0.33	0.29	0.24	0.25	0.28	0.26	0.42	0.52	0.66	0.69	0.76	0.70	0.86	0.69	0.66	0.64	0.65	0.57	0.54	0.51	0.54	0.47	0.24	0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.21	-1.05	
DUNWOD	16.83	17.33	13.60	14.45	15.21	10.82	18.17	18.25	19.14	19.26	21.88	23.76	24.22	22.79	22.45	23.53	25.95	22.87	21.53	19.81	22.53	20.65	16.55	16.77
61760	1.25	1.20	0.92	0.98	1.00	0.80	1.24	1.51	1.65	1.57	1.80	1.95	2.02	1.86	1.85	1.99	2.25	2.11	1.92	1.76	1.95	1.79	0.91	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-5.90	-5.11	
GENESE	15.56	16.01	12.59	13.37	14.13	10.04	16.99	16.77	17.64	17.96	20.39	22.12	22.65	21.30	20.92	21.80	23.85	20.82	19.66	18.08	20.54	18.80	10.60	11.40
61753	-0.02	-0.12	-0.09	-0.10	-0.07	0.01	0.06	0.04	0.15	0.28	0.31	0.31	0.45	0.36	0.32	0.26	0.16	0.07	0.06	0.03	-0.03	-0.06	-0.08	-0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-0.81	
H Q	15.18	15.75	12.39	13.15	13.88	9.75	16.53	16.34	17.07	12.95	14.45	15.98	16.67	15.50	15.12	15.61	16.78	17.16	14.37	13.40	14.81	14.11	9.54	8.32
61844	-0.40	-0.38	-0.29	-0.31	-0.32	-0.27	-0.40	-0.40	-0.42	-0.39	-0.44	-0.48	-0.50	-0.47	-0.47	-0.51	-0.57	-0.50	-0.45	-0.42	-0.44	-0.39	-0.20	-0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.35	5.19	5.34	5.03	4.97	5.01	5.41	6.34	3.09	4.78	4.24	5.32	4.36	0.00	2.17
HUD VL	16.76	17.26	13.55	14.39	15.15	10.77	18.11	18.19	19.09	19.21	21.83	23.70	24.16	22.73	22.40	23.47	25.88	22.82	21.49	19.78	22.51	20.64	16.58	16.78
61758	1.18	1.13	0.86	0.92	0.95	0.75	1.18	1.46	1.59	1.52	1.75	1.90	1.96	1.79	1.80	1.94	2.18	2.06	1.88	1.73	1.94	1.78	0.89	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-5.95	-5.15	
LONGIL	17.26	17.67	13.91	14.79	15.55	11.18	18.65	18.85	19.60	19.56	22.22	24.14	24.78	23.26	22.92	23.98	26.46	23.36	22.05	20.30	24.01	23.74	18.93	26.35
61762	1.68	1.54	1.23	1.32	1.35	1.16	1.72	2.08	2.11	1.87	2.13	2.33	2.57	2.31	2.32	2.44	2.77	2.60	2.45	2.24	2.63	2.39	1.18	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	-0.79	-2.49	-8.02	-14.36
MHK VL	15.90	16.42	12.92	13.72	14.48	10.26	17.38	17.33	18.15	18.33	20.81	22.59	23.00	21.66	21.32	22.25	24.46	21.41	20.23	18.64	21.23	19.47	11.18	11.97
61756	0.32	0.29	0.24	0.25	0.28	0.23	0.45	0.60	0.66	0.65	0.74	0.79	0.80	0.72	0.71	0.71	0.76	0.66	0.62	0.58	0.65	0.61	0.28	0.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.16	-1.02	
MILLWD	16.82	17.31	13.57	14.42	15.17	10.80	18.15	18.24	19.15	19.26	21.89	23.77	24.22	22.79	22.46	23.54	25.96	22.88	21.55	19.83	22.55	20.67	16.59	16.79
61759	1.24	1.18	0.90	0.95	0.97	0.78	1.22	1.50	1.65	1.58	1.81	1.96	2.02	1.86	1.86	2.00	2.26	2.12	1.94	1.78	1.98	1.81	0.92	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-5.94	-5.14	
N.Y.C.	16.99	17.47	13.70	14.55	15.32	10.90	18.30	18.40	19.31	19.42	22.06	23.94	24.41	22.97	22.63	23.71	26.14	23.04	21.68	19.95	22.65	20.79	16.63	16.85
61761	1.41	1.34	1.02	1.09	1.12	0.87	1.37	1.66	1.82	1.74	1.98	2.14	2.21	2.03	2.03	2.18	2.44	2.28	2.07	1.89	2.08	1.94	0.99	1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-5.90	-5.11	
NORTH	14.96	15.50	12.22	12.96	13.71	9.63	16.35	16.21	16.98	17.28	19.63	21.32	21.66	20.44	20.09	20.99	23.07	20.20	19.13	17.60	20.13	18.48	9.53	10.47
61755	-0.62	-0.63	-0.46	-0.50	-0.49	-0.40	-0.58	-0.52	-0.51	-0.41	-0.45	-0.49	-0.53	-0.50	-0.50	-0.55	-0.63	-0.55	-0.48	-0.46	-0.44	-0.38	-0.20	-0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.50	16.35	13.37	14.22	14.97	10.60	17.14	17.88	18.62	18.72	21.40	23.24	23.47	22.16	21.81	22.88	25.26	22.43	21.15	19.28	22.00	20.21	17.53	18.16
61845	0.89	0.90	0.69	0.75	0.77	0.58	0.85	1.05	1.12	1.04	1.22	1.30	1.32	1.22	1.21	1.34	1.56	1.67	1.55	1.34	1.54	1.34	0.68	0.71
	0.98	0.68	0.00	0.00	0.00	0.00	0.64	-0.10	0.00	0.00	-0.10	-0.14	0.05	0.00	0.00	0.00	0.00	-0.01	0.00	0.12	0.11	-0.01	-7.11	-6.77

O H 61846	15.53 -0.05 0.00	15.99 -0.14 0.00	12.61 -0.07 0.00	13.39 -0.08 0.00	14.14 -0.06 0.00	10.05 0.02 0.00	16.87 -0.06 0.00	16.58 -0.16 0.00	17.43 -0.06 0.00	17.75 0.07 0.00	20.13 0.05 0.00	21.85 0.04 0.00	22.33 0.13 0.00	20.96 0.02 0.00	20.62 0.01 0.00	21.46 -0.07 0.00	23.44 -0.25 0.00	20.49 -0.26 0.00	19.35 -0.25 0.00	7.82 -0.24 10.00	20.29 -0.29 0.00	18.53 -0.33 0.00	10.86 -0.16 -1.29	11.64 -0.16 -1.12
PJM 61847	16.37 0.78 0.00	16.87 0.74 0.00	13.28 0.60 0.00	14.09 0.62 0.00	14.84 0.64 0.00	10.56 0.53 0.00	17.46 0.79 0.26	17.70 0.97 0.00	18.58 1.09 0.00	18.75 1.07 0.00	21.28 1.20 0.00	23.07 1.27 0.00	23.54 1.34 0.00	22.11 1.17 0.00	21.81 1.21 0.00	22.81 1.28 0.00	25.06 1.37 0.00	22.03 1.27 -0.01	20.77 1.17 0.00	19.14 1.08 0.00	21.80 1.23 0.00	19.95 1.09 0.00	14.10 0.58 -3.78	14.57 0.61 -3.28
WEST 61752	15.78 0.20 0.00	16.22 0.09 0.00	12.79 0.10 0.00	13.57 0.10 0.00	14.34 0.14 0.00	10.20 0.17 0.00	17.17 0.24 0.00	16.90 0.16 0.00	17.77 0.28 0.00	18.13 0.44 0.00	20.56 0.48 0.00	22.31 0.50 0.00	22.83 0.63 0.00	21.44 0.50 0.00	21.08 0.48 0.00	21.95 0.41 0.00	23.94 0.25 0.00	20.92 0.18 0.00	19.75 0.14 0.00	18.17 0.12 0.00	20.66 0.09 0.00	18.89 0.03 0.00	10.99 0.00 -1.24	11.78 0.02 -1.08