

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/19/2016

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	21.84	21.56	20.38	21.90	20.15	19.79	20.05	20.87	21.40	17.97	22.24	24.22	23.66	22.10	22.53	22.56	22.75	22.94	24.47	24.96	21.89	22.18	20.08	20.21
61757	1.39	1.51	1.46	1.57	1.44	1.37	1.37	1.40	1.48	1.28	1.56	1.71	1.67	1.49	1.53	1.51	1.48	1.52	1.67	1.73	1.47	1.40	1.24	1.22
	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
CENTRL	20.71	20.24	19.07	20.47	18.87	18.56	18.81	19.69	20.14	16.92	20.95	22.90	22.35	21.01	21.41	21.47	22.03	21.80	23.43	24.65	20.74	21.17	19.21	19.25
61754	0.25	0.19	0.15	0.14	0.15	0.14	0.14	0.23	0.23	0.23	0.27	0.38	0.36	0.40	0.41	0.41	0.41	0.38	0.33	0.37	0.32	0.39	0.36	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	-0.35	0.00	-0.30	-1.04	0.00	0.00	0.00	0.00
DUNWOD	22.71	22.16	20.91	22.37	20.59	20.31	20.69	21.57	22.15	18.62	23.11	25.10	24.53	22.97	23.46	23.52	23.77	23.91	25.49	25.89	22.69	23.05	20.90	21.15
61760	2.26	2.11	1.99	2.05	1.87	1.89	2.01	2.11	2.23	1.93	2.43	2.59	2.54	2.35	2.45	2.46	2.50	2.49	2.69	2.66	2.27	2.27	2.05	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.37	19.87	18.69	20.00	18.47	18.22	18.32	19.22	19.62	16.51	20.40	22.26	21.78	20.57	20.96	21.04	21.29	21.35	22.57	23.04	20.26	20.78	19.00	18.95
61753	-0.08	-0.18	-0.23	-0.33	-0.25	-0.20	-0.35	-0.24	-0.30	-0.17	-0.28	-0.25	-0.21	-0.04	-0.05	-0.02	0.02	-0.07	-0.23	-0.19	-0.16	0.00	0.16	-0.04
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	19.83	19.44	18.33	19.68	18.12	17.86	18.11	18.84	19.25	16.08	18.94	16.10	15.70	19.84	20.19	20.25	21.61	20.03	22.24	22.81	19.73	20.04	18.23	18.40
61844	-0.63	-0.61	-0.59	-0.65	-0.60	-0.56	-0.56	-0.62	-0.67	-0.61	-0.75	-0.84	-0.82	-0.78	-0.81	-0.81	-0.80	-0.79	-0.82	-0.83	-0.69	-0.69	-0.62	-0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	5.58	5.47	0.00	0.00	0.00	-1.14	0.60	-0.26	-0.42	0.00	0.05	0.00	0.00
HUD VL	22.60	22.06	20.80	22.28	20.50	20.22	20.58	21.48	22.06	18.55	23.02	25.03	24.46	22.91	23.41	23.47	23.72	23.87	25.44	25.85	22.66	23.02	20.83	21.04
61758	2.14	2.00	1.88	1.96	1.78	1.79	1.91	2.02	2.14	1.86	2.33	2.52	2.47	2.30	2.40	2.41	2.44	2.45	2.64	2.63	2.25	2.24	1.99	2.04
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	23.10	22.48	21.26	22.76	20.94	20.74	21.09	21.90	23.17	18.88	23.64	25.77	25.05	23.38	24.00	24.04	24.33	24.51	26.15	26.52	23.22	23.38	21.27	21.60
61762	2.65	2.43	2.34	2.43	2.22	2.31	2.42	2.43	2.86	2.20	2.96	3.25	3.06	2.77	3.00	2.99	3.06	3.09	3.35	3.30	2.80	2.60	2.42	2.60
	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MHK VL	21.17	20.68	19.48	20.92	19.28	19.02	19.34	20.25	20.79	17.46	21.64	23.56	22.98	21.55	21.95	21.97	22.19	22.32	23.76	24.21	21.29	21.67	19.59	19.66
61756	0.71	0.63	0.57	0.60	0.56	0.60	0.66	0.79	0.87	0.77	0.96	1.04	0.99	0.94	0.94	0.92	0.92	0.91	0.96	0.98	0.87	0.90	0.74	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.72	22.17	20.90	22.37	20.58	20.30	20.68	21.58	22.17	18.64	23.14	25.15	24.58	23.02	23.51	23.58	23.84	23.99	25.56	25.97	22.75	23.10	20.93	21.15
61759	2.27	2.11	1.98	2.05	1.87	1.88	2.01	2.12	2.25	1.96	2.46	2.64	2.59	2.40	2.51	2.52	2.57	2.57	2.76	2.74	2.33	2.32	2.08	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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.	25.25	23.65	21.54	22.54	20.75	20.48	21.21	22.81	22.90	20.35	23.29	25.27	25.44	24.50	25.12	25.86	26.16	26.12	26.70	29.41	25.33	24.85	23.23	23.65
61761	2.43	2.28	2.16	2.22	2.04	2.06	2.19	2.31	2.43	2.11	2.61	2.75	2.70	2.52	2.61	2.62	2.67	2.65	2.83	2.81	2.41	2.44	2.21	2.35
	-2.37	-1.31	-0.46	0.00	0.00	0.00	-0.35	-1.04	-0.56	-1.55	0.00	0.00	-0.75	-1.37	-1.50	-2.18	-2.22	-2.06	-1.06	-3.37	-2.50	-1.63	-2.17	-2.31
NORTH	19.78	19.36	18.19	19.53	17.99	17.78	18.06	18.78	19.20	15.97	19.81	21.50	20.96	19.64	19.95	19.99	20.19	20.45	21.84	22.29	19.68	20.04	18.16	18.33
61755	-0.67	-0.69	-0.73	-0.80	-0.72	-0.65	-0.62	-0.68	-0.72	-0.72	-0.87	-1.01	-1.03	-0.97	-1.05	-1.07	-1.08	-0.97	-0.96	-0.94	-0.75	-0.74	-0.69	-0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.03	21.67	20.50	22.01	20.25	19.91	20.47	20.60	21.51	18.06	21.40	24.39	23.80	22.23	22.67	22.72	23.58	23.14	24.91	25.53	22.02	22.04	20.24	20.46
61845	1.57	1.61	1.58	1.69	1.54	1.48	1.52	1.49	1.59	1.38	1.71	1.86	1.81	1.61	1.66	1.66	1.65	1.70	1.85	1.89	1.60	1.54	1.40	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	0.35	0.00	0.00	0.99	-0.01	0.00	0.00	0.00	0.00	-0.66	-0.02	-0.26	-0.42	0.00	0.28	0.00	0.00

OH 61846	19.88	19.42	18.28	19.55	18.07	17.75	17.74	18.55	18.79	15.81	19.49	21.33	20.83	19.68	20.07	20.18	19.06	20.47	20.66	17.97	19.93	20.80	18.54	18.54
	-0.58	-0.64	-0.64	-0.77	-0.64	-0.67	-0.93	-0.91	-1.13	-0.88	-1.19	-1.20	-1.16	-0.94	-0.94	-0.88	-0.82	-0.95	-1.16	-1.08	-0.90	-0.63	-0.30	-0.45
	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	1.39	0.00	0.98	4.18	-0.40	-0.65	0.00	0.00
PJM 61847	20.90	20.41	19.23	20.61	19.03	18.67	18.88	19.74	20.12	16.93	19.96	22.99	22.41	21.08	21.53	21.63	23.80	21.38	24.28	26.66	20.94	21.39	19.50	19.56
	0.44	0.36	0.31	0.28	0.31	0.24	0.21	0.28	0.20	0.24	0.27	0.46	0.42	0.46	0.52	0.57	0.60	0.56	0.54	0.60	0.52	0.66	0.65	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	-0.01	0.00	0.00	0.00	0.00	-1.92	0.60	-0.94	-2.83	0.00	0.05	0.00	0.00
WEST 61752	20.23	19.72	18.53	19.80	18.30	17.99	17.96	18.82	19.08	16.07	19.82	21.68	21.19	20.04	20.45	20.56	25.65	20.86	26.16	37.03	19.86	20.54	18.92	18.87
	-0.23	-0.34	-0.39	-0.52	-0.42	-0.43	-0.71	-0.64	-0.85	-0.62	-0.87	-0.84	-0.80	-0.58	-0.56	-0.49	-0.44	-0.56	-0.78	-0.68	-0.56	-0.24	0.07	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.81	0.00	-4.14	-14.49	0.00	0.00	0.00	0.00