

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/20/2016

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	21.91	20.04	18.03	17.22	14.26	16.10	16.41	19.98	22.25	22.21	21.59	20.18	27.08	22.92	21.75	29.92	29.26	29.94	34.27	27.23	25.09	24.47	23.57	26.89
61757	1.48	1.38	1.20	1.14	0.93	1.05	1.10	1.32	1.52	1.49	1.42	1.32	1.72	1.48	1.37	1.79	1.74	1.93	2.25	1.81	1.61	1.54	1.50	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.61	18.79	16.99	16.22	13.46	15.25	15.51	18.92	20.97	20.97	20.40	19.13	25.80	21.76	20.96	28.65	28.02	28.72	32.42	25.71	23.80	23.26	22.37	25.57
61754	0.18	0.13	0.16	0.14	0.14	0.20	0.20	0.26	0.23	0.24	0.22	0.27	0.44	0.25	0.28	0.52	0.42	0.35	0.39	0.28	0.33	0.33	0.29	0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.31	0.00	-0.08	-0.36	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	22.69	20.70	18.60	17.72	14.65	16.54	16.86	20.67	23.03	23.01	22.38	20.85	27.96	23.74	22.56	31.02	30.43	30.88	35.20	27.85	25.73	25.17	24.24	27.87
61760	2.26	2.05	1.78	1.64	1.33	1.50	1.56	2.01	2.30	2.29	2.21	1.99	2.60	2.29	2.18	2.89	2.91	2.87	3.17	2.42	2.25	2.24	2.16	2.67
	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
GENESE	20.14	18.35	16.59	15.84	13.14	14.94	15.14	18.54	20.47	20.55	20.06	18.87	25.43	21.30	20.35	28.27	27.44	27.82	31.79	25.26	23.34	22.79	21.99	25.15
61753	-0.29	-0.31	-0.23	-0.24	-0.18	-0.11	-0.17	-0.12	-0.27	-0.18	-0.11	0.01	0.07	-0.14	-0.03	0.14	-0.09	-0.19	-0.23	-0.17	-0.13	-0.14	-0.08	-0.05
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	19.81	18.08	16.30	15.58	12.91	14.58	14.86	18.08	20.07	16.75	19.63	16.07	28.29	16.18	17.53	28.45	26.69	30.70	31.10	24.76	22.31	21.55	23.35	24.44
61844	-0.63	-0.57	-0.52	-0.49	-0.41	-0.46	-0.45	-0.58	-0.66	-0.67	-0.65	-0.61	-0.80	-0.68	-0.65	-0.89	-0.84	-0.83	-0.90	-0.67	-0.63	-0.62	-0.60	-0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.31	-0.10	2.18	-3.74	4.58	2.19	-1.21	0.00	-3.52	0.02	0.00	0.54	0.77	-1.87	0.00
HUD VL	22.57	20.57	18.50	17.62	14.58	16.46	16.78	20.59	22.95	22.93	22.31	20.80	27.91	23.69	22.52	31.01	30.43	30.91	35.22	27.86	25.74	25.16	24.19	27.74
61758	2.14	1.92	1.67	1.55	1.26	1.42	1.48	1.93	2.21	2.21	2.13	1.94	2.56	2.25	2.14	2.88	2.91	2.90	3.20	2.43	2.26	2.23	2.12	2.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.19	22.77	18.99	18.08	14.93	16.85	17.05	20.77	23.28	23.35	23.06	21.41	28.79	30.14	29.90	31.88	31.24	31.66	38.18	29.46	32.75	38.49	37.42	32.80
61762	2.73	2.57	2.16	2.00	1.61	1.81	1.74	2.11	2.54	2.62	2.88	2.55	3.43	3.10	2.98	3.75	3.72	3.65	4.35	3.30	3.11	3.01	2.92	3.62
	-0.03	-1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.60	-6.54	0.00	0.00	0.00	-1.80	-0.73	-6.16	-12.55	-12.43	-3.98
MHK VL	21.08	19.20	17.32	16.53	13.72	15.53	15.87	19.54	21.76	21.76	21.15	19.80	26.62	22.38	21.35	29.43	28.77	29.23	33.43	26.51	24.51	23.95	22.97	26.16
61756	0.65	0.55	0.49	0.45	0.39	0.49	0.57	0.88	1.02	1.03	0.97	0.94	1.27	0.94	0.98	1.30	1.25	1.23	1.41	1.08	1.04	1.02	0.90	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.68	20.68	18.58	17.70	14.64	16.52	16.85	20.67	23.04	23.03	22.40	20.88	27.99	23.76	22.60	31.10	30.52	30.98	35.31	27.93	25.80	25.24	24.28	27.88
61759	2.25	2.03	1.76	1.62	1.32	1.48	1.54	2.01	2.31	2.30	2.23	2.02	2.64	2.32	2.22	2.97	3.00	2.97	3.28	2.51	2.33	2.30	2.21	2.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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.	23.49	20.88	18.76	17.87	14.78	16.68	17.12	21.79	23.32	23.88	24.26	23.61	28.18	23.92	22.72	31.19	30.60	31.79	35.50	29.49	27.46	29.24	26.90	28.88
61761	2.46	2.22	1.93	1.79	1.45	1.64	1.72	2.21	2.51	2.49	2.39	2.14	2.78	2.48	2.35	3.05	3.08	3.03	3.32	2.54	2.37	2.36	2.30	2.87
	-0.59	0.00	0.00	0.00	0.00	0.00	-0.10	-0.93	-0.07	-0.66	-1.70	-2.61	-0.05	0.00	0.00	0.00	0.00	-0.76	-0.16	-1.52	-1.61	-3.95	-2.53	-0.80
NORTH	19.73	18.00	16.21	15.50	12.84	14.51	14.86	18.11	20.12	20.10	19.56	18.27	24.60	20.79	19.73	27.10	26.75	27.25	31.29	24.98	23.04	22.48	21.57	24.45
61755	-0.70	-0.65	-0.62	-0.58	-0.48	-0.54	-0.44	-0.55	-0.61	-0.63	-0.62	-0.60	-0.76	-0.66	-0.64	-1.03	-0.77	-0.76	-0.73	-0.45	-0.44	-0.46	-0.51	-0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.49	15.14	18.15	17.32	14.34	16.13	16.47	20.09	22.38	19.10	21.78	18.05	30.86	18.42	19.75	31.16	29.29	32.08	33.80	27.15	24.52	23.71	25.60	26.61
61845	1.66	1.56	1.32	1.25	1.01	1.11	1.17	1.44	1.64	1.59	1.51	1.36	1.77	1.56	1.42	1.83	1.76	1.92	2.17	1.72	1.58	1.55	1.55	1.87
	-0.39	5.08	0.00	0.00	0.00	0.02	0.00	0.00	0.00	3.21	-0.10	2.18	-3.74	4.58	2.05	-1.21	0.00	-2.15	0.39	0.00	0.54	0.77	-1.98	0.46

OH 61846	19.71	17.98	16.33	15.58	12.91	14.67	14.80	18.06	19.80	19.82	19.27	18.14	26.95	11.36	18.11	38.75	25.89	24.99	30.33	24.13	22.43	21.96	21.33	25.24
	-0.72	-0.67	-0.49	-0.50	-0.41	-0.37	-0.51	-0.59	-0.94	-0.91	-0.90	-0.72	-0.86	-1.15	-1.00	-1.06	-1.33	-1.52	-1.70	-1.29	-1.04	-0.97	-0.75	-0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.45	8.93	1.26	-11.68	0.31	1.50	0.00	0.00	0.00	0.00	0.00	-0.60
PJM 61847	20.93	19.08	17.30	16.48	13.66	15.47	15.72	19.22	21.22	17.85	20.63	17.07	29.73	0.30	17.69	29.91	28.13	32.61	32.25	25.57	23.29	22.55	24.38	25.94
	0.50	0.42	0.47	0.40	0.34	0.43	0.41	0.56	0.48	0.43	0.35	0.39	0.64	0.22	0.27	0.57	0.44	0.26	0.25	0.14	0.34	0.39	0.44	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.31	-0.10	2.18	-3.74	21.37	2.95	-1.21	-0.17	-4.34	0.02	0.00	0.54	0.77	-1.87	0.00
WEST 61752	20.02	18.24	16.55	15.78	13.07	14.88	14.99	18.33	20.09	20.16	19.64	18.50	24.97	21.68	24.12	27.65	27.83	32.18	30.98	24.65	22.88	22.40	21.75	25.07
	-0.41	-0.41	-0.28	-0.30	-0.25	-0.17	-0.31	-0.32	-0.65	-0.57	-0.54	-0.35	-0.39	-0.74	-0.58	-0.48	-0.76	-0.94	-1.05	-0.78	-0.59	-0.54	-0.33	-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	-0.97	-4.33	0.00	-1.07	-5.11	0.00	0.00	0.00	0.00	0.00	0.00