

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/06/2019

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	16.72	17.64	16.72	16.56	16.52	16.60	19.08	21.96	22.98	21.25	19.90	21.21	17.61	14.65	16.44	19.10	20.11	18.76	19.54	21.97	22.56	19.05	19.48	17.89
61757	1.07	1.10	1.07	1.03	1.05	1.09	1.30	1.52	1.60	1.49	1.31	1.40	0.89	0.47	0.70	0.66	0.08	0.36	1.04	1.30	1.27	1.13	1.29	1.12
	-0.91	-0.44	-0.05	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-0.11	-0.45	-3.90	-6.96	-5.46	-8.45	-18.76	-12.87	-4.92	-2.57	-3.22	-1.97	0.00	-0.17
CENTRL	14.86	16.17	15.64	15.58	15.51	15.60	17.87	20.71	21.59	20.05	18.60	19.40	12.85	7.29	10.35	10.08	1.30	5.56	13.63	18.48	18.42	16.02	18.25	16.71
61754	0.11	0.07	0.05	0.05	0.04	0.10	0.09	0.16	0.14	0.09	0.12	0.05	0.04	0.07	0.06	0.09	0.03	0.04	0.01	0.03	0.06	0.07	0.01	0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.12	-0.20	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.05	-0.36	-0.27	-0.01	-0.04	-0.02
DUNWOD	31.93	25.28	17.91	16.90	16.83	16.94	19.58	22.64	23.83	21.95	20.94	23.19	28.84	34.09	31.87	42.75	71.42	54.06	32.21	29.71	32.10	25.11	20.17	18.47
61760	1.32	1.40	1.37	1.37	1.36	1.44	1.80	2.20	2.36	2.20	2.04	2.13	1.42	0.79	1.15	1.12	0.14	0.60	1.51	1.98	1.95	1.77	1.98	1.74
	-15.86	-7.78	-0.94	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	-0.42	-1.70	-14.61	-26.08	-20.44	-31.64	-70.01	-47.94	-17.12	-9.64	-12.06	-7.40	0.00	-0.13
GENESE	14.35	15.56	14.99	14.87	14.80	14.92	17.06	18.89	19.71	17.45	17.60	18.63	12.36	7.05	9.91	9.79	1.27	5.42	13.12	16.97	17.59	15.49	17.32	15.95
61753	-0.41	-0.54	-0.60	-0.66	-0.67	-0.59	-0.72	-0.71	-0.74	-0.73	-0.55	-0.72	-0.45	-0.17	-0.31	-0.21	0.00	-0.11	-0.50	-0.65	-0.59	-0.46	-0.76	-0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.89	1.57	0.32	0.00	0.00	0.00	0.06	0.00	0.00	0.00	-0.04	0.46	-0.10	0.00	0.11	-0.02
H Q	14.32	15.68	15.21	15.16	15.10	15.09	17.28	19.85	20.74	19.20	0.00	0.00	0.00	0.00	0.00	9.72	1.23	5.23	13.19	17.64	17.64	15.52	17.72	16.10
61844	-0.43	-0.41	-0.39	-0.37	-0.37	-0.42	-0.50	-0.59	-0.60	-0.55	-0.48	-0.50	-0.34	-0.21	-0.29	-0.27	-0.04	-0.14	-0.38	-0.45	-0.45	-0.42	-0.48	-0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.99	18.85	12.47	7.01	10.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	14.13	16.48	16.72	16.76	16.68	16.79	19.38	22.40	23.51	21.72	20.54	22.28	23.13	24.18	23.99	30.57	44.91	36.18	25.74	25.77	27.06	21.90	19.96	18.28
61758	1.21	1.27	1.23	1.23	1.21	1.29	1.61	1.96	2.10	1.96	1.81	1.91	1.26	0.71	1.03	1.00	0.13	0.54	1.36	1.78	1.76	1.59	1.76	1.56
	1.83	0.89	0.11	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	-0.25	-1.02	-9.06	-16.24	-12.68	-19.57	-43.52	-30.12	-10.80	-5.91	-7.21	-4.37	0.00	-0.13
LONGIL	35.16	24.64	17.92	18.71	19.69	19.66	23.02	29.21	32.64	35.22	35.02	29.85	29.47	33.99	31.77	42.62	70.94	53.80	32.31	29.85	32.24	25.22	20.35	19.36
61762	1.62	1.49	1.48	1.71	1.70	1.80	2.15	2.57	2.70	2.49	2.30	2.39	1.56	0.85	1.19	1.22	0.16	0.68	1.73	2.19	2.18	1.96	2.35	2.22
	-18.78	-7.05	-0.85	-1.47	-2.52	-2.36	-3.09	-6.20	-8.60	-12.97	-14.25	-8.10	-15.09	-25.93	-20.29	-31.41	-69.52	-47.60	-17.00	-9.57	-11.97	-7.32	0.19	-0.54
MHK VL	14.93	16.27	15.74	15.67	15.61	15.68	18.08	20.89	21.84	20.21	18.91	19.81	13.08	7.37	10.48	10.19	1.29	5.63	13.86	18.57	18.60	16.25	18.49	16.82
61756	0.18	0.17	0.15	0.14	0.14	0.18	0.31	0.45	0.50	0.45	0.44	0.46	0.27	0.14	0.20	0.20	0.03	0.11	0.23	0.34	0.37	0.31	0.28	0.20
	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	0.00	0.00	-0.05	-0.14	-0.15	-0.01	-0.01	-0.02
MILLWD	16.09	17.50	16.96	16.89	16.82	16.94	19.57	22.63	23.82	21.96	20.88	22.95	26.68	30.23	28.86	38.06	61.01	47.02	29.79	28.36	30.41	24.08	20.19	18.47
61759	1.33	1.40	1.37	1.37	1.35	1.43	1.79	2.19	2.37	2.21	2.05	2.16	1.43	0.80	1.16	1.13	0.15	0.61	1.55	2.02	1.99	1.79	1.99	1.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	-0.36	-1.45	-12.44	-22.21	-17.41	-26.94	-59.59	-40.89	-14.67	-8.25	-10.33	-6.35	0.00	-0.13
N.Y.C.	30.63	24.72	17.99	17.06	16.98	17.11	19.96	23.00	25.24	29.43	33.33	31.63	31.53	35.68	31.98	42.60	71.06	53.83	31.36	36.05	34.34	27.39	25.84	20.72
61761	1.43	1.54	1.54	1.53	1.51	1.61	1.99	2.39	2.55	2.37	2.22	2.32	1.53	0.85	1.23	1.18	0.15	0.62	1.60	2.13	2.09	1.91	2.15	1.92
	-14.44	-7.08	-0.86	0.00	0.00	0.00	-0.19	-0.18	-1.34	-7.30	-12.64	-9.96	-17.20	-27.61	-20.47	-31.43	-69.64	-47.68	-16.19	-15.84	-14.16	-9.54	-5.50	-2.21
NORTH	14.31	15.65	15.16	15.11	15.06	15.08	17.29	19.86	20.80	19.25	18.05	18.93	12.50	6.98	9.98	9.68	1.23	5.37	13.11	17.59	17.61	15.47	17.65	15.99
61755	-0.45	-0.45	-0.44	-0.42	-0.41	-0.42	-0.49	-0.58	-0.54	-0.51	-0.43	-0.42	-0.31	-0.24	-0.30	-0.31	-0.04	-0.16	-0.46	-0.49	-0.48	-0.47	-0.55	-0.61
	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
NPX	17.31	17.94	16.75	16.59	16.53	16.62	19.11	21.99	23.09	22.07	20.49	21.60	20.88	19.40	20.47	25.27	33.58	27.97	22.76	23.88	24.96	20.56	19.60	18.24
61845	1.09	1.12	1.07	1.06	1.06	1.12	1.34	1.55	1.69	1.58	1.37	1.46	0.95	0.50	0.77	0.72	0.08	0.38	1.08	1.35	1.32	1.21	1.40	1.24
	-1.47	-0.72	-0.09	0.00	0.00	0.00	0.00	0.00	-0.06	-0.74	-0.65	-0.78	-7.12	-11.68	-9.41	-14.56	-32.23	-22.07	-8.11	-4.44	-5.55	-3.41	0.00	-0.40

OH 61846	14.05	15.24	14.66	14.54	14.45	14.56	16.45	18.16	18.88	16.66	16.97	17.76	11.81	6.78	9.46	9.43	1.24	5.22	12.50	16.10	16.88	-253.44	16.64	15.46
	-0.71	-0.86	-0.93	-0.99	-1.02	-0.95	-1.33	-1.46	-1.60	-1.59	-1.31	-1.59	-1.00	-0.44	-0.74	-0.56	-0.02	-0.31	-1.13	-1.43	-1.32	-1.05	-1.42	-1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.87	1.52	0.20	0.00	0.00	0.00	0.08	0.00	0.00	0.00	-0.06	0.56	-0.11	268.33	0.14	-0.02
PJM 61847	13.69	15.81	15.93	15.96	15.87	15.98	18.31	21.88	22.97	22.20	20.38	21.40	22.58	24.51	23.92	30.91	46.84	40.27	22.59	25.39	26.54	21.31	19.02	17.33
	0.46	0.46	0.43	0.43	0.41	0.48	0.52	0.69	0.68	0.57	0.57	0.50	0.35	0.26	0.31	0.36	0.07	0.19	0.33	0.48	0.53	0.52	0.53	0.53
	1.52	0.74	0.09	0.00	0.00	0.00	-0.01	-0.76	-0.95	-1.87	-1.33	-1.55	-9.42	-17.03	-13.32	-20.56	-45.49	-34.56	-8.67	-6.82	-7.93	-4.84	-0.30	-0.20
WEST 61752	14.29	15.49	14.90	14.77	14.68	14.80	16.75	22.52	24.10	25.47	18.70	18.12	12.05	6.93	10.00	9.63	1.28	5.33	12.75	19.28	17.22	15.21	17.58	15.77
	-0.46	-0.61	-0.70	-0.76	-0.79	-0.71	-1.03	-1.06	-1.17	-1.20	-0.95	-1.24	-0.76	-0.29	-0.55	-0.36	0.01	-0.20	-0.89	-1.11	-0.99	-0.73	-1.10	-0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.14	-3.93	-6.92	-1.18	0.00	0.00	-0.01	-0.26	0.00	0.00	0.00	-0.06	-2.31	-0.12	-0.01	-0.48	-0.04