

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/06/2019

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	15.47	12.18	13.84	11.09	11.68	14.88	10.85	12.68	12.40	11.46	14.37	16.48	13.54	25.12	15.10	18.63	11.38	19.15	40.62	19.67	30.28	15.50	12.85	11.26
61757	1.12	0.78	0.37	0.82	0.93	0.93	0.76	0.76	0.98	0.89	1.19	1.37	1.12	1.98	1.06	1.52	0.95	0.88	1.21	1.52	2.61	1.26	1.02	0.80
	-0.64	-1.93	-8.95	-0.50	0.00	-3.38	-1.57	-3.43	-0.17	-0.62	0.00	0.00	-0.05	0.00	-2.62	0.00	-0.01	-8.81	-26.86	-2.51	0.00	0.00	0.00	0.00
CENTRL	13.90	9.80	5.68	9.94	10.86	11.10	8.80	9.03	11.42	10.16	13.49	15.68	12.95	24.17	12.25	17.65	10.83	10.84	16.46	16.58	29.21	14.84	12.43	10.67
61754	0.11	0.08	0.05	0.11	0.10	0.11	0.09	0.11	0.15	0.13	0.22	0.30	0.25	0.51	0.21	0.28	0.20	0.18	0.31	0.40	0.86	0.42	0.35	0.20
	-0.08	-0.24	-1.11	-0.06	0.00	-0.42	-0.20	-0.43	-0.02	-0.08	-0.08	-0.28	-0.34	-0.52	-0.62	-0.27	-0.21	-1.20	-3.61	-0.53	-0.68	-0.18	-0.26	0.00
DUNWOD	15.26	11.61	11.33	10.85	11.55	13.84	10.34	11.67	12.38	11.35	14.44	16.53	13.62	25.31	14.45	18.75	11.45	16.76	33.25	19.06	30.50	15.79	13.10	11.39
61760	1.09	0.73	0.34	0.72	0.80	0.83	0.69	0.70	1.00	0.94	1.26	1.42	1.22	2.17	1.13	1.65	1.03	0.94	1.30	1.61	2.83	1.55	1.27	0.92
	-0.46	-1.40	-6.46	-0.36	0.00	-2.44	-1.14	-2.48	-0.12	-0.45	0.00	0.00	-0.04	0.00	-1.90	0.00	-0.01	-6.37	-19.40	-1.81	0.00	0.00	0.00	0.00
GENESE	13.57	9.51	5.29	9.72	10.63	10.79	8.59	8.73	11.14	9.87	13.19	15.53	12.88	24.05	12.13	17.46	10.76	10.40	15.53	16.38	29.34	14.78	12.47	10.47
61753	-0.20	-0.15	-0.06	-0.09	-0.12	-0.09	-0.07	-0.08	-0.13	-0.14	-0.13	-0.08	-0.08	-0.02	-0.06	-0.12	-0.02	-0.01	0.10	0.15	0.48	0.22	0.18	-0.01
	-0.06	-0.18	-0.83	-0.05	0.00	-0.31	-0.14	-0.32	-0.02	-0.06	-0.14	-0.50	-0.59	-0.92	-0.77	-0.48	-0.36	-0.96	-2.88	-0.59	-1.19	-0.32	-0.46	0.00
H Q	13.36	9.24	4.40	9.50	10.48	10.28	8.28	8.24	10.93	9.67	12.78	14.53	11.95	22.44	11.04	16.62	10.08	9.14	12.06	15.02	26.56	13.66	11.35	10.14
61844	-0.35	-0.24	-0.12	-0.26	-0.27	-0.29	-0.23	-0.24	-0.31	-0.29	-0.40	-0.47	-0.41	-0.70	-0.37	-0.48	-0.34	-0.32	-0.48	-0.62	-1.11	-0.58	-0.47	-0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
HUD VL	15.14	11.52	11.21	10.77	11.48	13.74	10.27	11.58	12.29	11.27	14.35	16.44	13.54	25.17	14.35	18.64	11.38	16.62	32.93	18.94	30.30	15.66	12.98	11.30
61758	0.98	0.66	0.31	0.66	0.72	0.76	0.63	0.65	0.92	0.87	1.17	1.33	1.14	2.03	1.05	1.54	0.96	0.87	1.21	1.51	2.64	1.42	1.16	0.83
	-0.46	-1.38	-6.38	-0.36	0.00	-2.41	-1.12	-2.45	-0.12	-0.45	0.00	0.00	-0.04	0.00	-1.87	0.00	-0.01	-6.29	-19.16	-1.79	0.00	0.00	0.00	0.00
LONGIL	16.56	13.61	11.46	11.17	11.93	14.18	12.85	11.97	19.65	19.57	14.83	17.21	13.90	25.77	14.61	19.08	11.69	17.01	34.01	19.45	31.24	16.23	13.45	11.68
61762	1.54	1.05	0.48	1.05	1.17	1.17	0.99	0.99	1.38	1.30	1.65	1.79	1.50	2.63	1.30	1.98	1.27	1.19	1.67	2.00	3.57	1.99	1.62	1.21
	-1.32	-3.08	-6.46	-0.36	-0.01	-2.44	-3.35	-2.48	-7.02	-8.32	-0.01	-0.32	-0.04	0.00	-1.89	0.00	-0.01	-6.36	-19.79	-1.81	0.00	0.00	0.00	0.00
MHK VL	14.08	9.91	5.76	10.00	10.93	11.19	8.88	9.13	11.56	10.32	13.61	15.62	12.80	23.93	12.11	17.63	10.75	10.85	16.28	16.48	28.65	14.71	12.19	10.75
61756	0.29	0.18	0.08	0.17	0.18	0.19	0.17	0.20	0.30	0.29	0.43	0.51	0.43	0.79	0.36	0.53	0.33	0.30	0.42	0.54	0.98	0.47	0.36	0.28
	-0.08	-0.25	-1.17	-0.06	0.00	-0.43	-0.20	-0.44	-0.02	-0.08	0.00	0.00	-0.01	0.00	-0.33	0.00	0.00	-1.09	-3.31	-0.31	0.00	0.00	0.00	0.00
MILLWD	15.21	11.58	11.35	10.81	11.51	13.82	10.31	11.66	12.34	11.32	14.41	16.49	13.59	25.25	14.42	18.70	11.42	16.77	33.34	19.03	30.42	15.74	13.05	11.35
61759	1.03	0.70	0.32	0.69	0.76	0.79	0.66	0.67	0.97	0.91	1.23	1.38	1.18	2.11	1.10	1.60	1.00	0.91	1.26	1.57	2.75	1.50	1.22	0.88
	-0.47	-1.40	-6.51	-0.36	0.00	-2.45	-1.14	-2.49	-0.12	-0.45	0.00	0.00	-0.04	0.00	-1.91	0.00	-0.01	-6.41	-19.53	-1.83	0.00	0.00	0.00	0.00
N.Y.C.	15.38	11.70	11.37	10.93	11.64	13.93	10.41	11.75	12.49	11.46	14.58	16.67	13.75	25.54	14.57	18.93	11.55	16.85	33.35	19.20	30.72	15.96	13.25	11.51
61761	1.21	0.82	0.38	0.81	0.88	0.92	0.77	0.78	1.13	1.05	1.40	1.56	1.35	2.40	1.26	1.83	1.13	1.03	1.41	1.75	3.05	1.72	1.42	1.04
	-0.46	-1.40	-6.46	-0.36	0.00	-2.44	-1.14	-2.47	-0.12	-0.45	0.00	0.00	-0.04	0.00	-1.90	0.00	-0.01	-6.36	-19.39	-1.81	0.00	0.00	0.00	0.00
NORTH	13.33	9.22	4.37	9.43	10.40	10.18	8.21	8.17	10.83	9.58	12.66	14.47	11.84	22.25	10.95	16.55	10.03	9.04	11.85	14.72	26.03	13.34	11.11	10.07
61755	-0.38	-0.26	-0.15	-0.33	-0.35	-0.40	-0.31	-0.32	-0.42	-0.37	-0.52	-0.64	-0.53	-0.89	-0.46	-0.56	-0.39	-0.42	-0.70	-0.92	-1.63	-0.90	-0.72	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.23	11.82	12.60	10.90	11.53	14.30	10.53	12.09	12.25	11.24	14.68	16.18	13.40	24.87	16.85	18.48	11.31	18.27	38.48	20.64	30.07	13.86	12.84	11.17
61845	0.96	0.66	0.31	0.70	0.78	0.80	0.65	0.64	0.85	0.77	1.05	1.18	0.99	1.74	0.95	1.38	0.88	0.81	1.12	1.40	2.40	1.21	1.01	0.74
	-0.56	-1.68	-7.76	-0.43	0.00	-2.93	-1.37	-2.96	-0.15	-0.51	-0.45	0.10	-0.04	0.00	-4.48	0.00	-0.01	-8.01	-24.80	-3.60	0.00	1.59	0.00	0.04

OH 61846	13.38	9.45	5.51	9.67	10.57	10.82	8.58	8.75	11.01	9.72	12.41	13.29	10.29	20.00	9.86	15.19	9.02	9.80	14.31	14.57	24.07	13.34	10.51	10.41
	-0.40	-0.26	-0.10	-0.15	-0.18	-0.16	-0.13	-0.16	-0.26	-0.31	-0.31	-0.25	-0.22	-0.16	-0.20	-0.35	-0.18	-0.20	-0.13	-0.13	0.29	0.16	0.19	-0.06
	-0.08	-0.23	-1.08	-0.06	0.00	-0.41	-0.19	-0.41	-0.02	-0.08	0.46	1.56	1.86	2.97	1.36	1.56	1.21	-0.54	-1.89	0.95	3.89	1.05	1.51	0.00
PJM 61847	14.33	10.54	8.40	10.31	11.12	12.35	9.48	10.23	11.72	10.53	15.49	21.18	19.51	34.77	18.92	23.57	15.31	15.56	29.36	21.95	42.87	18.82	17.94	10.92
	0.39	0.28	0.15	0.34	0.37	0.37	0.31	0.32	0.45	0.39	0.61	0.73	0.62	1.23	0.56	0.78	0.48	0.42	0.63	0.80	1.75	0.94	0.82	0.50
	-0.23	-0.78	-3.73	-0.21	0.00	-1.41	-0.66	-1.42	-0.02	-0.19	-1.70	-5.34	-6.53	-10.40	-6.94	-5.68	-4.41	-5.68	-16.18	-5.51	-13.45	-3.64	-5.30	0.05
WEST 61752	13.56	9.56	5.55	9.79	10.69	10.93	8.67	8.83	11.14	9.84	19.59	36.33	37.76	64.05	34.71	39.23	27.75	18.79	36.02	35.24	82.98	29.57	33.43	10.60
	-0.23	-0.15	-0.05	-0.04	-0.06	-0.05	-0.04	-0.08	-0.13	-0.19	-0.12	-0.02	-0.02	0.24	0.00	-0.06	-0.01	-0.03	0.12	0.21	0.93	0.47	0.45	0.13
	-0.08	-0.23	-1.07	-0.06	0.00	-0.40	-0.19	-0.41	-0.02	-0.07	-6.53	-21.24	-25.41	-40.67	-23.29	-22.19	-17.34	-9.36	-23.34	-19.39	-54.38	-14.86	-21.15	0.00