

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/22/2019

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	26.77	24.10	23.49	23.16	19.73	21.84	21.20	17.79	17.45	18.08	20.88	27.62	25.85	19.84	25.27	20.35	19.91	22.46	21.52	18.57	18.57	15.82	16.65	17.41
61757	-0.12	-0.10	-0.09	-0.09	-0.03	0.12	0.53	0.87	0.77	0.78	0.82	1.08	0.98	0.76	0.97	0.82	0.85	1.02	0.93	0.77	0.75	0.67	0.77	0.77
	-29.53	-26.50	-25.91	-25.51	-20.38	-19.41	-10.58	-0.08	0.00	0.00	0.00	0.00	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	1.07	1.04	0.94	0.94	1.94	4.77	11.48	16.99	17.11	17.85	20.69	27.74	26.07	19.78	25.11	19.81	19.28	21.66	20.88	18.10	18.15	15.36	16.02	16.80
61754	-0.01	-0.01	-0.02	-0.02	0.00	0.01	0.06	0.13	0.15	0.17	0.27	0.41	0.47	0.30	0.42	0.28	0.22	0.22	0.29	0.29	0.33	0.21	0.15	0.15
	-3.73	-3.36	-3.28	-3.22	-2.57	-2.45	-1.33	-0.03	-0.27	-0.38	-0.36	-0.79	-0.72	-0.40	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	18.83	16.97	16.52	16.28	14.25	16.66	18.57	18.22	18.08	18.78	21.80	28.78	26.96	20.75	26.42	21.27	20.71	23.20	22.32	19.25	19.29	16.39	17.13	17.83
61760	-0.16	-0.13	-0.13	-0.13	-0.04	0.15	0.75	1.32	1.39	1.48	1.74	2.24	2.08	1.66	2.12	1.74	1.65	1.76	1.73	1.44	1.47	1.24	1.26	1.19
	-21.63	-19.40	-18.96	-18.67	-14.92	-14.20	-7.73	-0.06	0.00	0.00	0.00	0.00	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	0.14	0.19	0.11	0.12	1.28	4.08	10.86	16.57	16.56	16.18	16.10	19.55	18.73	15.62	18.76	16.74	18.14	21.17	20.43	17.69	17.86	15.06	15.07	16.35
61753	0.03	0.02	0.01	0.01	0.00	-0.04	-0.21	-0.28	-0.24	-0.23	-0.16	0.00	0.10	-0.09	-0.04	-0.18	-0.23	-0.27	-0.16	-0.03	0.04	-0.08	-0.22	-0.30
	-2.75	-2.47	-2.41	-2.37	-1.90	-1.81	-0.98	-0.02	-0.12	0.89	3.80	6.98	6.25	3.37	5.50	2.61	0.69	0.00	0.00	0.09	0.00	0.00	0.58	0.00
H Q	-2.64	-2.30	-2.32	-2.27	-0.62	2.31	10.09	16.84	16.63	17.30	20.06	26.54	24.87	19.08	24.30	19.53	19.06	21.44	20.59	17.81	17.82	15.14	15.82	16.48
61844	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	18.76	16.91	16.46	16.23	14.21	16.59	18.46	18.05	17.90	18.58	21.55	28.45	26.63	20.49	26.07	20.99	20.46	22.95	22.07	19.05	19.08	16.21	16.95	17.66
61758	-0.14	-0.12	-0.11	-0.11	-0.03	0.13	0.66	1.16	1.21	1.28	1.49	1.91	1.76	1.41	1.77	1.46	1.40	1.51	1.49	1.24	1.26	1.06	1.08	1.01
	-21.54	-19.32	-18.89	-18.61	-14.87	-14.15	-7.71	-0.06	0.00	0.00	0.00	0.00	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	29.60	16.90	16.45	16.21	31.43	16.72	18.79	18.50	18.43	19.07	22.21	29.32	27.41	21.04	26.95	38.56	21.11	23.55	22.68	19.47	19.47	16.58	17.45	21.89
61762	-0.24	-0.21	-0.20	-0.20	-0.06	0.20	0.96	1.60	1.75	1.77	2.15	2.78	2.53	1.96	2.64	2.17	2.04	2.11	2.09	1.67	1.65	1.43	1.58	1.43
	-32.48	-19.41	-18.98	-18.68	-32.11	-14.20	-7.74	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-16.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.81
MHK VL	0.23	0.19	0.05	0.05	0.84	3.66	10.00	16.19	16.48	14.19	19.74	26.15	24.53	16.01	22.78	17.65	15.94	18.60	18.73	17.75	17.68	14.23	15.91	16.90
61756	0.03	0.02	0.02	0.03	0.01	-0.02	0.02	0.02	0.02	-0.04	0.02	0.02	0.01	-0.02	0.02	-0.01	-0.03	0.06	0.10	0.07	-0.02	-0.06	0.03	0.25
	-2.85	-2.47	-2.35	-2.29	-1.46	-1.37	0.11	0.66	0.23	3.07	0.33	0.41	0.35	3.06	1.54	1.87	3.09	2.90	1.95	0.13	0.12	0.85	0.00	0.00
MILLWD	18.99	17.10	16.65	16.41	14.35	16.75	18.59	18.24	18.09	18.75	21.76	28.76	26.95	20.73	26.29	21.16	20.61	23.11	22.24	19.18	19.22	16.32	17.06	17.76
61759	-0.15	-0.13	-0.12	-0.12	-0.04	0.15	0.72	1.34	1.40	1.45	1.70	2.22	2.07	1.65	1.99	1.64	1.55	1.67	1.65	1.37	1.40	1.18	1.19	1.11
	-21.78	-19.53	-19.09	-18.79	-15.01	-14.29	-7.79	-0.06	0.00	0.00	0.00	0.00	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.	18.82	16.96	16.51	16.27	14.25	16.68	18.64	18.36	18.25	18.95	22.00	29.01	27.20	20.97	26.66	21.48	20.88	23.38	22.50	19.41	19.47	16.55	17.28	17.98
61761	-0.18	-0.14	-0.14	-0.14	-0.04	0.17	0.82	1.46	1.56	1.65	1.94	2.47	2.33	1.88	2.36	1.96	1.82	1.94	1.92	1.60	1.65	1.40	1.40	1.33
	-21.64	-19.40	-18.97	-18.67	-14.92	-14.20	-7.73	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	-8.28	-7.88	-8.29	-8.26	-8.17	-7.01	-1.99	9.98	12.98	-6.85	15.03	20.15	18.99	-4.67	9.97	3.39	-7.13	-3.62	3.02	12.51	12.28	-2.76	14.10	16.48
61755	0.39	0.33	0.34	0.36	0.10	-0.36	-1.31	-1.98	-2.07	-2.61	-2.67	-3.50	-3.41	-2.68	-3.44	-2.82	-3.29	-3.75	-3.47	-2.93	-3.33	-2.90	-1.77	-0.16
	6.03	5.90	6.30	6.35	7.65	8.96	10.77	4.88	1.63	21.54	2.36	2.88	2.47	21.08	10.89	13.32	22.91	21.31	14.09	2.37	2.22	15.00	0.00	0.00
NPX	22.62	20.37	19.84	19.55	16.55	19.33	19.71	17.84	17.21	18.23	20.94	27.81	25.99	19.99	25.43	20.48	19.41	22.87	20.73	18.48	18.53	15.66	16.42	17.45
61845	-0.12	-0.10	-0.09	-0.09	-0.03	0.12	0.55	0.93	0.88	0.92	0.99	1.27	1.12	0.90	1.13	0.95	0.97	1.10	0.98	0.77	0.79	0.70	0.82	0.80
	-25.39	-22.77	-22.25	-21.91	-17.20	-16.90	-9.07	-0.07	0.36	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.63	-0.33	0.83	0.10	0.08	0.18	0.27	0.00

OH	1.03	0.99	0.88	0.88	1.88	4.63	10.98	16.23	16.10	16.27	17.90	23.33	22.14	17.29	22.51	18.97	18.31	20.58	-51.49	17.44	17.63	14.89	15.46	16.11
61846	0.06	0.05	0.03	0.02	0.01	-0.05	-0.40	-0.62	-0.58	-0.59	-0.56	-0.46	-0.24	-0.44	-0.43	-0.55	-0.68	-0.86	-0.67	-0.36	-0.19	-0.25	-0.42	-0.53
	-3.62	-3.24	-3.17	-3.12	-2.49	-2.37	-1.29	-0.01	0.00	0.44	1.60	2.76	2.49	1.35	1.36	0.00	0.07	0.00	71.41	0.00	0.00	0.00	0.00	0.00
PJM	9.75	8.85	8.59	8.46	7.98	10.57	14.79	17.00	17.05	19.22	25.99	36.34	33.97	24.14	31.90	22.98	20.45	22.02	21.25	18.58	18.61	15.77	17.04	17.07
61847	-0.07	-0.05	-0.06	-0.06	-0.02	0.07	0.29	0.53	0.58	0.62	0.78	1.10	1.14	0.79	1.07	0.81	0.65	0.58	0.66	0.67	0.78	0.63	0.56	0.47
	-12.46	-11.20	-10.97	-10.79	-8.62	-8.19	-4.42	0.36	0.21	-1.30	-5.15	-8.71	-7.95	-4.26	-6.53	-2.65	-0.75	0.00	0.00	-0.10	0.00	0.00	-0.61	0.04
WEST	0.94	0.90	0.79	0.79	1.83	4.61	11.08	16.50	16.40	23.04	41.27	62.72	57.82	36.68	48.17	27.00	21.23	20.99	20.33	18.14	18.04	15.21	17.45	16.37
61752	0.03	0.02	0.00	0.00	0.00	-0.03	-0.27	-0.34	-0.30	-0.24	-0.10	0.22	0.41	0.00	0.12	-0.15	-0.33	-0.45	-0.25	0.02	0.21	0.06	-0.13	-0.28
	-3.55	-3.18	-3.11	-3.06	-2.44	-2.33	-1.27	-0.01	-0.01	-5.98	-21.30	-35.95	-32.54	-17.60	-23.75	-7.62	-2.50	0.00	0.00	-0.31	-0.01	0.00	-1.71	0.00