

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/14/2019

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	20.71	23.03	20.45	15.13	20.15	7.47	11.61	18.90	15.89	17.72	16.59	16.40	19.53	20.09	18.71	19.91	21.50	19.51	42.23	35.01	20.19	14.71	16.93	16.02
61757	0.20	-0.12	-0.09	-0.02	-0.10	0.11	0.65	0.82	0.87	1.10	0.95	0.91	1.10	1.13	1.04	0.75	0.76	1.03	2.61	2.03	1.17	0.85	0.98	0.88
	-16.99	-25.41	-22.22	-15.47	-21.87	-5.66	-1.13	-6.28	-2.31	0.00	0.00	0.00	0.00	0.00	-0.14	-6.25	-8.04	-1.64	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	5.65	0.92	1.10	1.61	1.11	2.43	10.06	12.73	13.13	16.92	15.82	15.66	18.59	19.12	17.67	13.72	13.76	17.09	39.87	33.44	19.11	13.95	16.11	15.29
61754	0.01	-0.01	-0.01	0.00	-0.01	0.02	0.09	0.11	0.11	0.15	0.18	0.18	0.17	0.16	0.12	0.04	0.04	0.05	0.25	0.38	0.09	0.10	0.15	0.15
	-2.13	-3.19	-2.79	-1.94	-2.74	-0.71	-0.14	-0.81	-0.30	-0.16	0.00	0.00	0.00	0.00	-0.02	-0.78	-1.01	-0.21	0.00	-0.09	0.00	0.00	0.00	0.00
DUNWOD	16.00	16.02	14.33	10.86	14.14	5.90	11.26	17.12	15.27	17.84	16.87	16.69	19.83	20.47	19.13	18.62	19.72	19.43	42.55	35.43	20.56	14.95	17.18	16.15
61760	0.19	-0.11	-0.08	-0.01	-0.07	0.10	0.62	0.78	0.89	1.22	1.21	1.21	1.41	1.51	1.50	1.15	1.10	1.40	2.93	2.45	1.54	1.10	1.22	1.01
	-12.29	-18.38	-16.08	-11.21	-15.84	-4.10	-0.81	-4.54	-1.67	0.00	-0.03	0.00	0.00	0.00	-0.10	-4.57	-5.91	-1.19	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	5.00	0.11	0.39	1.09	0.40	2.21	9.86	12.12	12.67	14.82	14.78	15.27	18.13	18.62	17.11	13.04	13.00	16.48	38.73	31.90	18.48	13.53	15.19	14.91
61753	-0.08	0.02	0.01	0.00	0.01	-0.01	-0.08	-0.21	-0.22	-0.29	-0.22	-0.21	-0.28	-0.34	-0.43	-0.43	-0.43	-0.51	-0.89	-0.54	-0.54	-0.32	-0.32	-0.23
	-1.57	-2.34	-2.05	-1.43	-2.02	-0.52	-0.10	-0.52	-0.18	1.51	0.64	0.00	0.00	0.00	-0.01	-0.56	-0.73	-0.15	0.00	0.53	0.00	0.45	0.00	0.00
H Q	3.51	-2.26	-1.68	-0.33	-1.63	1.70	9.83	11.80	12.71	16.62	15.64	15.49	18.42	18.96	17.53	12.90	12.71	16.84	39.62	55.51	18.19	13.85	16.33	15.13
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	0.00	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	-22.53	0.83	0.00	-0.37	0.00
HUD VL	16.04	16.11	14.41	10.91	14.22	5.91	11.22	17.09	15.21	17.76	16.73	16.58	19.70	20.33	18.99	18.46	19.54	19.32	42.40	35.33	20.47	14.87	17.09	16.08
61758	0.18	-0.10	-0.07	-0.01	-0.07	0.09	0.57	0.72	0.82	1.14	1.11	1.10	1.28	1.37	1.35	1.03	1.01	1.29	2.79	2.35	1.45	1.02	1.13	0.95
	-12.35	-18.47	-16.15	-11.25	-15.91	-4.12	-0.82	-4.56	-1.68	0.00	0.01	0.00	0.00	0.00	-0.10	-4.52	-5.83	-1.19	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	17.26	15.97	14.30	10.85	14.10	5.94	11.49	17.45	15.64	18.31	24.89	17.28	20.37	21.99	19.82	20.63	22.11	20.96	43.49	37.41	21.10	15.35	17.52	16.49
61762	0.30	-0.16	-0.11	-0.02	-0.11	0.14	0.84	1.10	1.26	1.69	1.68	1.65	1.89	2.01	1.93	1.47	1.42	1.82	3.87	3.22	2.07	1.49	1.56	1.34
	-13.45	-18.39	-16.08	-11.21	-15.84	-4.10	-0.81	-4.54	-1.67	0.00	-7.58	-0.14	-0.06	-1.02	-0.37	-6.26	-7.98	-2.31	0.00	-1.21	0.00	-0.01	-0.01	-0.01
MHK VL	4.21	0.48	0.63	1.04	0.91	2.29	9.49	10.61	10.90	15.04	15.59	15.66	18.58	19.10	16.77	13.35	13.52	16.98	40.09	33.47	19.24	13.97	16.05	15.21
61756	-0.02	0.01	0.01	0.00	0.00	0.00	0.04	0.08	0.12	0.19	0.20	0.17	0.16	0.13	0.11	0.09	0.09	0.15	0.47	0.49	0.22	0.12	0.10	0.08
	-0.72	-2.72	-2.30	-1.37	-2.54	-0.60	0.38	1.28	1.94	1.77	0.25	0.00	0.00	0.00	0.87	-0.35	-0.72	0.01	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	16.10	16.18	14.46	10.95	14.28	5.93	11.24	17.12	15.24	17.78	16.76	16.62	19.75	20.38	19.04	18.52	19.59	19.37	42.43	35.33	20.50	14.90	17.12	16.09
61759	0.18	-0.10	-0.07	-0.01	-0.07	0.09	0.58	0.74	0.85	1.16	1.14	1.13	1.33	1.41	1.40	1.08	1.04	1.33	2.81	2.35	1.48	1.05	1.16	0.96
	-12.40	-18.54	-16.21	-11.30	-15.97	-4.14	-0.82	-4.58	-1.68	0.00	0.01	0.00	0.00	0.00	-0.10	-4.54	-5.85	-1.20	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	16.01	16.01	14.32	10.86	14.13	5.91	11.32	17.19	15.37	17.97	17.10	16.82	19.99	20.63	19.29	18.85	19.99	19.54	42.68	35.55	20.67	15.03	17.30	16.24
61761	0.21	-0.12	-0.08	-0.01	-0.08	0.11	0.67	0.85	0.99	1.35	1.34	1.33	1.57	1.66	1.66	1.27	1.21	1.51	3.06	2.57	1.65	1.18	1.33	1.10
	-12.29	-18.38	-16.08	-11.21	-15.84	-4.10	-0.81	-4.54	-1.67	0.00	-0.13	0.00	0.00	0.00	-0.10	-4.67	-6.08	-1.19	0.00	0.00	0.00	0.00	-0.01	-0.01
NORTH	-12.04	-9.83	-9.82	-9.79	-7.58	0.16	4.02	-8.03	-8.06	-0.92	11.09	12.93	15.40	15.93	7.38	5.47	-10.63	-9.56	-9.12	-0.38	-9.46	-9.59	7.35	5.06
61755	-0.63	0.37	0.26	0.05	0.25	-0.29	-1.56	-2.11	-2.35	-3.04	-2.54	-2.56	-3.02	-3.03	-2.98	-1.91	-2.14	-2.76	-6.34	-5.27	-3.05	-2.34	-2.72	-2.57
	14.92	7.95	8.41	9.50	6.20	1.25	4.25	17.73	18.42	14.50	2.01	0.00	0.00	0.00	7.17	5.53	21.21	23.63	42.40	28.08	25.43	21.11	5.89	7.51
NPX	18.42	19.69	17.54	13.09	17.30	6.70	11.31	17.87	15.37	17.48	16.43	16.26	19.35	19.94	18.57	19.01	20.38	18.96	41.79	43.39	19.30	14.60	17.17	15.88
61845	0.16	-0.10	-0.06	-0.01	-0.07	0.08	0.50	0.63	0.66	0.86	0.79	0.77	0.93	0.98	0.92	0.68	0.69	0.91	2.16	1.65	1.03	0.75	0.84	0.74
	-14.74	-22.04	-19.28	-13.43	-18.99	-4.92	-0.98	-5.44	-2.00	0.00	-0.01	0.00	0.00	0.00	-0.12	-5.42	-6.99	-1.21	-0.01	-8.76	0.75	0.00	-0.37	0.00

OH	5.45	0.86	1.05	1.55	1.05	2.37	9.79	12.24	12.56	16.49	15.09	14.94	17.73	18.21	16.69	12.86	12.88	16.01	37.53	31.87	17.91	13.24	15.42	14.75
61846	-0.12	0.03	0.02	0.00	0.02	-0.02	-0.18	-0.38	-0.46	-0.64	-0.54	-0.55	-0.69	-0.75	-0.85	-0.81	-0.81	-1.03	-2.09	-1.39	-1.11	-0.62	-0.54	-0.39
	-2.06	-3.08	-2.70	-1.88	-2.66	-0.69	-0.14	-0.81	-0.31	-0.51	0.00	0.00	0.00	0.00	-0.02	-0.76	-0.98	-0.20	0.00	-0.29	0.00	0.00	0.00	0.00
PJM	10.70	8.34	7.60	6.15	7.51	4.12	10.57	16.80	14.08	18.93	16.72	15.97	18.95	19.50	17.91	15.78	16.40	17.85	40.37	61.62	18.87	12.32	16.88	15.61
61847	0.07	-0.05	-0.03	-0.01	-0.04	0.05	0.28	0.35	0.34	0.44	0.48	0.49	0.53	0.56	0.51	0.31	0.31	0.34	0.75	0.91	0.41	0.38	0.55	0.48
	-7.12	-10.64	-9.31	-6.49	-9.17	-2.37	-0.46	-4.65	-1.03	-1.86	-0.60	0.00	0.00	0.02	0.13	-2.57	-3.39	-0.67	0.00	-27.74	0.56	1.91	-0.37	0.00
WEST	5.47	0.80	0.99	1.52	0.99	2.39	9.96	12.67	12.98	23.28	17.40	15.25	18.09	18.56	17.01	13.05	13.04	16.26	38.19	37.23	18.23	13.48	17.32	14.95
61752	-0.09	0.00	0.00	-0.01	0.00	0.02	-0.01	-0.18	-0.22	-0.28	-0.24	-0.25	-0.34	-0.41	-0.55	-0.60	-0.63	-0.78	-1.44	-0.82	-0.80	-0.38	-0.32	-0.19
	-2.04	-3.05	-2.67	-1.86	-2.63	-0.68	-0.13	-1.05	-0.48	-6.95	-2.00	-0.01	-0.01	-0.01	-0.03	-0.75	-0.96	-0.20	0.00	-5.07	-0.01	0.00	-1.68	0.00