

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/14/2018

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	26.07	23.20	18.34	22.71	22.87	27.61	28.45	21.14	20.21	21.57	21.67	22.85	21.11	23.93	23.79	24.31	27.42	51.73	43.94	107.24	104.81	33.70	25.75	22.33
61757	0.76	0.19	0.58	0.15	0.41	0.37	1.01	0.48	1.03	1.13	1.10	1.09	0.94	1.02	0.96	0.93	1.22	2.60	1.28	1.61	0.98	1.19	1.21	0.76
	-10.35	-19.30	-6.41	-19.69	-14.55	-20.25	-8.97	-11.28	0.00	-0.16	0.00	-1.40	-1.46	-2.13	-2.90	-3.88	-1.49	-0.71	-20.65	-79.23	-87.58	-12.43	-3.00	-6.86
CENTRL	16.30	6.19	12.17	5.41	9.77	9.59	19.70	10.85	19.25	20.42	20.75	20.68	19.00	21.16	20.39	20.09	25.04	48.72	24.81	38.08	27.79	21.68	21.87	15.55
61754	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.02	0.07	0.13	0.18	0.13	0.09	0.10	0.08	0.08	0.13	0.21	0.05	0.13	0.02	-0.03	-0.07	-0.05
	-1.33	-2.49	-0.83	-2.53	-1.87	-2.60	-1.15	-1.45	0.00	-0.02	0.00	-0.19	-0.19	-0.28	-0.39	-0.51	-0.20	-0.09	-2.74	-11.56	-11.52	-1.64	-0.39	-0.90
DUNWOD	23.52	18.42	16.69	17.77	19.14	22.45	26.03	18.31	20.25	21.63	21.89	22.78	21.09	23.84	23.53	23.78	27.56	52.10	38.77	87.04	82.53	30.66	25.16	20.69
61760	0.77	0.18	0.51	0.12	0.33	0.30	0.84	0.49	1.07	1.24	1.31	1.38	1.29	1.47	1.44	1.39	1.73	3.15	1.36	1.59	1.01	1.30	1.36	0.84
	-7.79	-14.54	-4.83	-14.77	-10.90	-15.17	-6.72	-8.45	0.00	-0.12	0.00	-1.04	-1.09	-1.59	-2.17	-2.90	-1.11	-0.53	-15.39	-59.06	-65.28	-9.28	-2.25	-5.15
GENESE	15.59	5.45	11.67	4.69	9.08	8.75	19.01	10.21	18.75	19.92	20.24	20.10	18.43	20.50	19.71	19.36	24.25	47.34	23.40	33.47	24.25	20.62	21.13	14.91
61753	-0.36	-0.10	-0.29	-0.08	-0.21	-0.17	-0.32	-0.25	-0.43	-0.37	-0.34	-0.40	-0.43	-0.49	-0.51	-0.52	-0.60	-1.15	-0.63	-0.66	-0.47	-0.67	-0.71	-0.47
	-0.99	-1.85	-0.61	-1.88	-1.39	-1.94	-0.86	-1.08	0.00	-0.02	0.00	-0.14	-0.14	-0.21	-0.28	-0.38	-0.15	-0.07	-2.02	-7.74	-8.48	-1.21	-0.29	-0.67
H Q	14.96	3.71	11.35	2.88	7.90	6.99	18.47	9.37	19.18	20.27	20.58	20.36	18.71	20.78	19.93	19.49	24.71	48.42	22.01	26.39	16.24	20.08	21.55	14.71
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	0.00	0.00	0.00	0.00	0.00
HUD VL	23.46	18.36	16.66	17.73	19.12	22.42	26.02	18.29	20.24	21.62	21.87	22.74	21.04	23.78	23.47	23.71	27.49	52.07	38.73	86.88	82.35	30.60	25.09	20.63
61758	0.74	0.18	0.50	0.12	0.34	0.30	0.84	0.48	1.06	1.22	1.29	1.34	1.25	1.42	1.38	1.33	1.68	3.12	1.38	1.65	1.02	1.28	1.31	0.80
	-7.76	-14.48	-4.81	-14.72	-10.88	-15.13	-6.70	-8.43	0.00	-0.12	0.00	-1.04	-1.08	-1.59	-2.16	-2.89	-1.11	-0.53	-15.33	-58.84	-65.09	-9.24	-2.23	-5.12
LONGIL	23.86	18.53	16.95	17.84	19.31	22.65	26.61	18.60	21.49	34.42	44.82	39.37	39.10	37.04	42.73	35.27	38.19	53.94	39.17	87.45	82.89	31.06	25.63	21.11
61762	1.10	0.27	0.77	0.18	0.50	0.48	1.42	0.76	1.70	1.92	1.95	1.99	1.83	2.01	1.93	1.88	2.36	4.41	1.75	1.95	1.31	1.69	1.83	1.25
	-7.80	-14.55	-4.83	-14.78	-10.91	-15.18	-6.72	-8.46	-0.61	-12.22	-22.30	-17.02	-18.56	-14.25	-20.87	-13.90	-11.12	-1.11	-15.41	-59.11	-65.34	-9.29	-2.25	-5.15
MHK VL	16.52	6.46	12.39	5.70	10.07	9.96	19.96	11.08	19.60	20.67	20.90	20.80	19.10	21.29	20.51	20.20	25.18	49.24	25.18	38.28	27.65	22.00	22.30	15.85
61756	0.13	0.04	0.13	0.03	0.10	0.11	0.22	0.13	0.42	0.37	0.32	0.24	0.18	0.21	0.17	0.18	0.26	0.72	0.40	0.52	0.27	0.33	0.36	0.23
	-1.44	-2.72	-0.91	-2.79	-2.06	-2.86	-1.26	-1.58	0.00	-0.02	0.00	-0.20	-0.20	-0.30	-0.40	-0.53	-0.20	-0.10	-2.76	-11.37	-11.13	-1.59	-0.39	-0.90
MILLWD	23.57	18.52	16.72	17.88	19.20	22.55	26.07	18.36	20.25	21.64	21.89	22.80	21.10	23.84	23.54	23.79	27.55	52.13	38.90	87.55	83.15	30.75	25.17	20.72
61759	0.76	0.18	0.50	0.12	0.33	0.29	0.83	0.48	1.07	1.24	1.32	1.38	1.29	1.46	1.43	1.38	1.72	3.17	1.38	1.64	1.03	1.31	1.36	0.83
	-7.85	-14.63	-4.87	-14.88	-10.98	-15.27	-6.76	-8.51	0.00	-0.12	0.00	-1.05	-1.10	-1.60	-2.18	-2.92	-1.12	-0.53	-15.51	-59.52	-65.87	-9.36	-2.27	-5.19
N.Y.C.	23.67	18.47	16.79	17.80	19.20	22.51	26.16	18.40	20.42	21.82	22.07	22.97	21.27	24.03	23.73	23.97	27.79	52.48	38.92	87.27	82.70	30.84	25.36	20.81
61761	0.92	0.21	0.61	0.15	0.38	0.34	0.97	0.56	1.24	1.42	1.50	1.56	1.47	1.66	1.63	1.58	1.97	3.53	1.50	1.78	1.14	1.48	1.56	0.96
	-7.80	-14.55	-4.83	-14.78	-10.91	-15.18	-6.72	-8.46	0.00	-0.12	0.00	-1.05	-1.09	-1.59	-2.17	-2.90	-1.11	-0.53	-15.40	-59.10	-65.32	-9.28	-2.25	-5.15
NORTH	13.17	2.74	10.39	1.98	6.92	5.87	16.60	8.17	17.97	18.24	18.02	17.60	16.16	18.06	17.25	16.89	21.51	43.38	19.23	21.82	11.39	18.10	20.27	13.77
61755	-1.42	-0.28	-0.74	-0.21	-0.47	-0.41	-1.56	-0.81	-1.21	-2.03	-2.55	-2.71	-2.50	-2.65	-2.58	-2.47	-3.15	-5.02	-2.06	-2.27	-1.36	-1.48	-1.15	-0.66
	0.37	0.68	0.23	0.69	0.51	0.70	0.31	0.39	0.00	0.01	0.00	0.05	0.05	0.07	0.10	0.13	0.05	0.03	0.72	2.30	3.50	0.50	0.12	0.28
NPX	24.92	20.90	17.54	20.61	21.27	25.30	27.39	19.92	20.20	21.43	21.68	22.73	21.05	23.84	23.63	24.04	27.38	50.79	47.30	101.87	95.21	32.31	24.90	21.90
61845	0.78	0.18	0.53	0.14	0.38	0.33	0.91	0.48	1.02	1.12	1.11	1.12	1.04	1.16	1.11	1.09	1.35	2.71	1.31	1.58	0.99	1.19	1.25	0.80
	-9.18	-17.02	-5.66	-17.59	-12.99	-17.98	-8.00	-10.07	0.00	-0.04	0.00	-1.25	-1.30	-1.90	-2.59	-3.46	-1.33	0.34	-23.98	-73.89	-77.99	-11.03	-2.09	-6.39

OH 61846	15.59	5.99	11.64	5.27	9.40	9.26	18.93	10.34	18.29	19.49	19.83	19.70	18.04	20.12	19.36	19.05	23.75	46.05	23.35	35.29	26.65	20.43	20.63	14.74
	-0.69	-0.20	-0.53	-0.13	-0.36	-0.32	-0.69	-0.48	-0.89	-0.81	-0.75	-0.85	-0.86	-0.94	-0.96	-0.96	-1.16	-2.47	-1.37	-1.48	-0.99	-1.27	-1.31	-0.86
	-1.33	-2.48	-0.82	-2.52	-1.86	-2.60	-1.15	-1.45	0.00	-0.02	0.00	-0.18	-0.19	-0.28	-0.38	-0.51	-0.20	-0.09	-2.70	-10.39	-11.40	-1.62	-0.39	-0.90
PJM 61847	19.62	12.18	14.22	11.50	14.30	15.85	22.56	14.38	19.41	20.72	21.05	21.44	19.74	22.19	21.65	21.62	25.92	29.48	31.23	61.70	54.59	25.73	23.07	17.80
	0.13	0.01	0.06	0.02	0.05	0.04	0.17	0.08	0.23	0.37	0.48	0.47	0.40	0.47	0.45	0.43	0.56	0.79	0.21	0.39	0.19	0.23	0.21	0.09
	-4.54	-8.46	-2.81	-8.60	-6.35	-8.83	-3.91	-4.92	0.00	-0.07	0.00	-0.61	-0.64	-0.93	-1.27	-1.69	-0.65	19.73	-9.01	-34.92	-38.16	-5.42	-1.31	-3.01
WEST 61752	15.74	5.95	11.74	5.22	9.42	9.26	19.15	10.41	18.55	19.78	20.15	20.02	18.32	20.41	19.63	19.30	24.11	46.83	23.62	35.39	26.55	20.67	20.90	14.88
	-0.50	-0.16	-0.40	-0.10	-0.28	-0.23	-0.43	-0.37	-0.63	-0.51	-0.42	-0.52	-0.58	-0.64	-0.67	-0.69	-0.79	-1.69	-1.02	-1.07	-0.74	-0.98	-1.03	-0.69
	-1.29	-2.40	-0.80	-2.44	-1.80	-2.51	-1.11	-1.40	0.00	-0.02	0.00	-0.18	-0.18	-0.27	-0.37	-0.49	-0.19	-0.09	-2.62	-10.07	-11.05	-1.57	-0.38	-0.87