

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/21/2017

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	25.26	34.96	23.10	27.48	31.85	23.56	15.13	10.68	7.70	13.59	18.20	22.45	19.08	3.72	5.72	8.71	18.08	16.96	18.74	17.42	38.73	16.99	2.31	8.76
61757	0.98	-0.08	0.20	-0.08	-0.02	-0.05	0.31	0.28	0.16	0.36	0.35	0.52	0.66	0.24	0.36	0.48	0.44	0.71	-0.05	0.42	0.24	0.19	0.14	0.02
	-9.35	-36.17	-19.80	-28.86	-32.13	-24.38	-9.58	-5.98	-5.05	-7.92	-12.81	-14.22	-8.62	0.00	0.00	-0.96	-11.11	-5.61	-19.61	-10.76	-34.89	-13.88	0.00	-8.42
CENTRL	16.16	3.02	5.40	2.00	3.42	2.02	6.38	5.16	3.09	6.28	6.57	9.44	10.88	3.52	5.42	7.44	7.86	11.38	1.42	7.51	7.62	4.52	2.17	1.29
61754	0.16	-0.01	0.02	-0.01	0.00	0.00	0.04	0.04	0.02	0.07	0.06	0.09	0.10	0.05	0.06	0.07	0.06	0.09	0.00	0.04	0.02	0.01	0.01	0.00
	-1.07	-4.16	-2.27	-3.31	-3.68	-2.79	-1.10	-0.68	-0.58	-0.91	-1.48	-1.64	-0.99	0.00	0.00	-0.11	-1.27	-0.64	-2.24	-1.23	-4.00	-1.59	0.00	-0.96
DUNWOD	23.18	25.03	17.76	19.54	23.05	16.86	12.68	9.19	6.40	11.58	14.86	18.83	17.08	3.82	5.89	8.70	15.26	15.79	13.33	14.69	29.30	13.30	2.38	6.47
61760	1.45	-0.11	0.28	-0.11	-0.02	-0.06	0.50	0.43	0.25	0.54	0.53	0.81	1.03	0.34	0.53	0.73	0.67	1.07	-0.08	0.63	0.37	0.30	0.22	0.03
	-6.80	-26.27	-14.37	-20.95	-23.33	-17.70	-6.95	-4.33	-3.66	-5.74	-9.29	-10.31	-6.25	0.00	0.00	-0.70	-8.06	-4.07	-14.23	-7.82	-25.33	-10.08	0.00	-6.11
GENESE	15.32	2.14	4.79	1.33	2.63	1.44	5.94	4.86	2.88	5.89	6.07	8.78	10.28	3.42	5.24	7.16	7.34	10.79	0.97	6.97	6.60	4.05	2.10	1.07
61753	-0.46	0.03	-0.09	0.04	0.00	0.03	-0.16	-0.11	-0.06	-0.11	-0.12	-0.21	-0.29	-0.06	-0.12	-0.19	-0.18	-0.36	0.02	-0.24	-0.14	-0.12	-0.07	0.00
	-0.84	-3.24	-1.77	-2.58	-2.88	-2.18	-0.86	-0.54	-0.45	-0.71	-1.15	-1.28	-0.77	0.00	0.00	-0.09	-1.00	-0.50	-1.76	-0.97	-3.14	-1.25	0.00	-0.76
H Q	14.39	-1.09	3.02	-1.26	-0.25	-1.09	5.09	4.30	2.41	5.12	4.87	7.45	9.46	3.36	5.18	7.02	6.30	10.31	-0.79	6.05	3.49	2.83	2.72	0.31
61844	-0.50	0.04	-0.09	0.04	0.01	0.02	-0.15	-0.13	-0.08	-0.17	-0.17	-0.26	-0.33	-0.12	-0.18	-0.25	-0.22	-0.34	0.03	-0.19	-0.11	-0.09	-0.06	-0.01
	0.05	0.00	0.00	0.00	0.00	0.34	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	-0.61	0.00
HUD VL	23.17	25.32	17.92	19.78	23.32	17.08	12.74	9.22	6.44	11.63	14.97	18.95	17.11	3.81	5.87	8.68	15.32	15.80	13.50	14.76	29.60	13.41	2.38	6.53
61758	1.37	-0.10	0.27	-0.11	-0.02	-0.06	0.46	0.40	0.24	0.51	0.50	0.76	0.98	0.33	0.51	0.70	0.64	1.03	-0.08	0.61	0.36	0.29	0.20	0.03
	-6.87	-26.56	-14.54	-21.19	-23.60	-17.91	-7.03	-4.39	-3.71	-5.83	-9.44	-10.47	-6.34	0.00	0.00	-0.71	-8.15	-4.12	-14.40	-7.91	-25.63	-10.20	0.00	-6.18
LONGIL	26.86	26.97	20.11	21.77	25.11	19.75	18.22	9.59	6.50	12.04	18.87	24.25	22.88	11.17	12.80	18.91	106.43	87.14	86.04	252.64	99.99	37.49	29.93	19.62
61762	1.84	-0.13	0.38	-0.15	-0.03	-0.09	0.69	0.59	0.34	0.74	0.73	1.13	1.43	0.48	0.75	1.02	0.91	1.48	-0.12	0.87	0.52	0.41	0.30	0.04
	-10.09	-28.23	-16.62	-23.22	-25.39	-20.61	-12.29	-4.56	-3.67	-6.00	-13.10	-15.41	-11.66	-7.22	-6.69	-10.63	-99.00	-75.01	-86.98	-245.53	-95.87	-34.16	-27.47	-19.25
MHK VL	16.37	3.43	5.68	2.35	3.66	2.18	6.50	5.24	3.16	6.36	6.66	9.53	11.00	3.56	5.48	7.53	7.91	11.51	1.35	7.61	7.65	4.58	2.21	1.33
61756	0.27	-0.02	0.05	-0.03	0.00	-0.01	0.10	0.09	0.06	0.13	0.12	0.18	0.23	0.08	0.12	0.16	0.15	0.24	-0.02	0.14	0.09	0.07	0.04	0.01
	-1.17	-4.58	-2.51	-3.67	-3.92	-2.96	-1.16	-0.73	-0.61	-0.94	-1.50	-1.63	-0.98	0.00	0.00	-0.11	-1.23	-0.62	-2.19	-1.23	-3.97	-1.60	0.00	-1.00
MILLWD	23.25	25.32	17.91	19.76	23.29	17.05	12.75	9.24	6.45	11.65	14.98	18.97	17.17	3.83	5.90	8.72	15.37	15.86	13.53	14.81	29.67	13.45	2.39	6.55
61759	1.44	-0.11	0.28	-0.11	-0.02	-0.06	0.49	0.43	0.25	0.54	0.53	0.81	1.04	0.35	0.54	0.74	0.68	1.09	-0.08	0.65	0.38	0.31	0.22	0.03
	-6.88	-26.56	-14.53	-21.17	-23.57	-17.88	-7.02	-4.38	-3.70	-5.81	-9.41	-10.44	-6.33	0.00	0.00	-0.71	-8.17	-4.13	-14.43	-7.93	-25.69	-10.23	0.00	-6.20
N.Y.C.	23.31	25.05	17.81	19.55	23.07	16.88	12.75	9.24	6.43	18.22	22.23	24.49	26.14	103.41	30.03	30.33	33.69	34.03	33.12	32.03	65.43	36.05	33.16	31.92
61761	1.58	-0.12	0.31	-0.12	-0.03	-0.07	0.55	0.48	0.28	0.59	0.58	0.88	1.13	0.39	0.60	0.82	0.75	1.19	-0.09	0.70	0.41	0.33	0.24	0.03
	-6.80	-26.29	-14.39	-20.97	-23.35	-17.72	-6.96	-4.34	-3.67	-12.33	-16.61	-15.90	-15.22	-99.54	-24.07	-22.25	-26.41	-22.18	-34.03	-25.09	-61.41	-32.80	-30.75	-31.56
NORTH	14.19	-1.06	2.99	-1.24	-0.25	-0.75	5.06	4.25	2.39	5.07	4.83	7.39	9.37	3.32	5.11	6.93	6.21	10.20	-0.79	5.99	3.45	2.80	2.09	0.31
61755	-0.75	0.07	-0.12	0.05	0.02	0.03	-0.18	-0.18	-0.10	-0.23	-0.21	-0.32	-0.42	-0.16	-0.25	-0.34	-0.31	-0.45	0.03	-0.24	-0.15	-0.12	-0.08	-0.01
	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	23.94	29.47	20.06	22.76	26.86	19.43	13.78	9.85	6.98	12.46	17.35	20.36	17.92	5.57	10.89	12.63	16.51	16.44	26.16	25.97	54.78	36.32	24.38	46.95
61845	1.14	-0.09	0.23	-0.09	-0.02	-0.05	0.39	0.34	0.19	0.42	0.41	0.61	0.79	0.27	0.42	0.58	0.52	0.84	-0.06	0.49	0.29	0.23	0.17	0.02
	-7.86	-30.69	-16.72	-24.15	-27.14	-20.25	-8.15	-5.08	-4.29	-6.74	-11.91	-12.03	-7.34	-1.82	-5.11	-4.79	-9.45	-4.95	-27.05	-19.24	-50.88	-33.17	-22.04	-46.61

OH 61846	15.45	3.34	5.41	2.29	3.69	2.25	6.21	5.01	3.01	6.07	6.39	9.08	10.33	3.35	5.12	7.02	7.54	10.68	1.64	7.12	7.62	4.41	2.05	1.35
	-0.63	0.04	-0.12	0.05	0.01	0.03	-0.21	-0.15	-0.10	-0.20	-0.21	-0.37	-0.52	-0.13	-0.24	-0.37	-0.35	-0.66	0.05	-0.44	-0.27	-0.22	-0.12	-0.01
	-1.15	-4.44	-2.43	-3.54	-3.94	-2.99	-1.17	-0.73	-0.62	-0.97	-1.57	-1.74	-1.06	0.00	0.00	-0.12	-1.36	-0.69	-2.41	-1.32	-4.28	-1.71	0.00	-1.03
PJM 61847	19.71	14.82	11.99	11.42	13.95	9.65	9.70	7.27	4.84	10.39	12.44	15.51	15.91	25.51	10.65	12.53	15.58	17.38	11.99	14.87	26.75	13.94	9.32	9.41
	0.68	-0.05	0.12	-0.05	-0.01	-0.03	0.23	0.20	0.11	0.25	0.24	0.37	0.45	0.16	0.24	0.31	0.28	0.45	-0.02	0.24	0.14	0.11	0.09	0.02
	-4.10	-16.01	-8.76	-12.77	-14.22	-10.45	-4.23	-2.64	-2.23	-4.85	-7.16	-7.43	-5.66	-21.86	-5.06	-4.95	-8.77	-6.29	-12.83	-8.39	-23.01	-10.91	-7.07	-9.07
WEST 61752	15.56	3.16	5.34	2.14	3.53	2.13	6.20	5.02	3.02	6.11	6.41	9.13	10.43	3.40	5.20	7.11	7.58	10.79	1.54	7.15	7.52	4.38	2.07	1.31
	-0.47	0.02	-0.10	0.03	0.00	0.03	-0.17	-0.11	-0.07	-0.12	-0.14	-0.26	-0.39	-0.08	-0.16	-0.27	-0.26	-0.52	0.04	-0.36	-0.22	-0.18	-0.10	-0.01
	-1.10	-4.27	-2.33	-3.40	-3.79	-2.87	-1.13	-0.71	-0.60	-0.94	-1.52	-1.68	-1.02	0.00	0.00	-0.11	-1.32	-0.67	-2.32	-1.28	-4.14	-1.65	0.00	-0.99