

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/13/2019

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	27.59	18.02	12.97	9.70	17.22	26.10	22.13	23.24	21.88	25.02	27.74	26.15	25.45	29.26	21.43	24.37	19.00	22.73	20.10	20.93	18.95	18.37	22.21	25.30
61757	-0.33	-0.12	-0.13	-0.10	-0.07	-0.31	-0.01	0.45	1.39	1.57	0.40	0.02	-0.10	-0.30	-0.10	0.63	1.19	1.47	1.34	1.27	1.13	0.95	0.08	-0.19
	-32.54	-20.01	-15.09	-11.28	-18.35	-30.78	-22.23	-16.81	-1.81	-2.35	-21.97	-25.86	-26.93	-33.69	-22.93	-14.88	-0.95	-0.73	0.00	-1.97	-2.06	-3.93	-21.01	-28.29
CENTRL	-0.59	0.62	-0.11	-0.07	1.23	-0.56	2.70	8.36	19.63	22.20	8.55	3.63	2.04	0.06	1.50	11.10	17.52	21.66	19.91	18.64	16.67	14.19	3.77	0.72
61754	-0.04	-0.01	-0.01	-0.01	-0.01	-0.04	0.00	0.08	0.33	0.40	0.11	0.01	-0.02	-0.08	-0.03	0.18	0.27	0.35	0.20	0.21	0.18	0.11	0.01	-0.01
	-4.07	-2.50	-1.89	-1.41	-2.29	-3.85	-2.79	-2.31	-0.61	-0.71	-3.07	-3.36	-3.44	-4.27	-2.93	-2.05	-0.39	-0.77	-0.95	-0.74	-0.72	-0.59	-2.63	-3.53
DUNWOD	18.85	12.68	8.92	6.69	12.37	17.88	16.27	18.95	21.94	24.98	22.13	19.37	18.33	20.28	15.38	20.84	19.42	23.29	20.74	20.97	18.93	17.79	16.73	17.76
61760	-0.50	-0.19	-0.20	-0.14	-0.10	-0.43	-0.01	0.61	1.92	2.16	0.57	0.03	-0.14	-0.45	-0.16	1.00	1.86	2.22	1.98	1.83	1.65	1.40	0.12	-0.30
	-23.97	-14.74	-11.11	-8.31	-13.53	-22.69	-16.37	-12.38	-1.33	-1.73	-16.19	-19.07	-19.85	-24.86	-16.94	-10.98	-0.70	-0.54	0.00	-1.45	-1.52	-2.89	-15.48	-20.86
GENESE	-1.46	0.05	-0.51	-0.37	0.70	-1.38	1.99	5.64	14.26	15.82	5.52	2.28	1.06	-0.92	0.64	8.32	14.20	16.00	13.41	13.75	12.32	11.09	2.34	-0.28
61753	0.11	0.05	0.06	0.05	0.03	0.11	0.00	-0.14	-0.35	-0.31	-0.08	0.00	0.02	0.03	0.01	-0.08	-0.31	-0.35	-0.45	-0.42	-0.39	-0.37	-0.03	0.09
	-3.05	-1.87	-1.41	-1.06	-1.72	-2.88	-2.08	0.19	4.07	4.96	-0.24	-2.02	-2.42	-3.18	-2.03	0.47	2.35	4.18	4.89	3.51	3.06	2.03	-1.25	-2.44
H Q	-4.46	-1.41	-1.93	-1.43	-1.02	-4.25	-0.09	5.79	18.10	20.41	5.18	0.26	-1.33	-3.98	-1.35	8.52	16.23	19.79	18.13	17.10	15.27	13.15	1.09	-2.72
61844	0.16	0.05	0.06	0.04	0.03	0.13	0.00	-0.19	-0.58	-0.68	-0.18	-0.01	0.05	0.15	0.05	-0.35	-0.62	-0.75	-0.64	-0.59	-0.52	-0.42	-0.04	0.09
	0.00	-0.41	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	-0.02	-0.08	0.00	0.00
HUD VL	18.51	12.47	8.77	6.58	12.18	17.58	15.99	18.70	21.76	24.77	21.79	19.03	18.03	19.96	15.13	20.58	19.25	23.10	20.59	20.81	18.79	17.63	16.47	17.46
61758	-0.45	-0.17	-0.18	-0.13	-0.09	-0.39	-0.01	0.56	1.77	1.98	0.52	0.03	-0.13	-0.41	-0.14	0.91	1.70	2.04	1.83	1.69	1.53	1.29	0.11	-0.27
	-23.59	-14.51	-10.94	-8.18	-13.33	-22.35	-16.10	-12.17	-1.31	-1.70	-15.91	-18.74	-19.54	-24.50	-16.67	-10.81	-0.69	-0.53	0.00	-1.43	-1.49	-2.85	-15.23	-20.53
LONGIL	33.91	15.75	15.79	21.02	22.02	18.10	16.29	19.26	23.52	28.25	23.53	21.21	18.31	20.18	15.35	21.07	19.79	23.76	21.05	21.28	19.26	18.12	17.34	17.70
61762	-0.66	-0.25	-0.27	-0.20	-0.14	-0.58	-0.01	0.77	2.46	2.76	0.73	0.04	-0.18	-0.57	-0.20	1.21	2.23	2.69	2.29	2.14	1.98	1.73	0.16	-0.37
	-39.19	-17.88	-18.05	-22.69	-23.21	-23.06	-16.39	-12.52	-2.38	-4.40	-17.43	-20.90	-19.86	-24.87	-16.95	-10.99	-0.70	-0.54	0.00	-1.46	-1.52	-2.90	-16.05	-20.87
MHK VL	-0.81	0.48	-0.22	-0.16	1.08	-0.83	2.51	8.07	19.34	21.87	8.17	3.41	1.84	-0.19	1.31	10.82	17.34	21.08	19.18	18.31	16.35	14.23	3.70	0.62
61756	-0.04	-0.01	-0.01	-0.01	-0.01	-0.04	0.00	0.13	0.44	0.50	0.13	0.01	-0.03	-0.09	-0.02	0.21	0.37	0.46	0.42	0.39	0.34	0.26	0.02	-0.03
	-3.85	-2.36	-1.78	-1.32	-2.14	-3.59	-2.60	-1.96	-0.21	-0.28	-2.67	-3.13	-3.24	-4.02	-2.74	-1.74	-0.11	-0.09	0.00	-0.24	-0.25	-0.47	-2.55	-3.46
MILLWD	19.08	12.82	9.02	6.77	12.49	18.09	16.42	19.07	21.94	24.99	22.29	19.56	18.53	20.53	15.54	20.94	19.42	23.29	20.74	20.99	18.96	17.82	16.87	17.95
61759	-0.50	-0.18	-0.20	-0.14	-0.10	-0.42	-0.01	0.60	1.92	2.15	0.57	0.03	-0.14	-0.45	-0.16	0.99	1.85	2.21	1.98	1.84	1.67	1.41	0.12	-0.29
	-24.20	-14.87	-11.21	-8.38	-13.65	-22.88	-16.52	-12.49	-1.34	-1.75	-16.35	-19.26	-20.05	-25.11	-17.10	-11.09	-0.71	-0.54	0.00	-1.47	-1.53	-2.92	-15.62	-21.05
N.Y.C.	18.81	12.67	8.91	6.68	12.37	17.86	16.28	19.01	22.10	25.14	22.18	19.38	18.38	20.26	15.68	20.93	19.57	23.45	20.89	21.11	19.06	17.92	16.75	17.74
61761	-0.55	-0.21	-0.22	-0.16	-0.11	-0.47	-0.01	0.66	2.08	2.31	0.61	0.03	-0.15	-0.49	-0.17	1.07	2.01	2.38	2.13	1.97	1.78	1.53	0.13	-0.33
	-23.98	-14.75	-11.12	-8.31	-13.54	-22.70	-16.38	-12.38	-1.33	-1.74	-16.20	-19.08	-19.90	-24.87	-17.25	-10.99	-0.70	-0.54	0.00	-1.45	-1.52	-2.90	-15.48	-20.87
NORTH	-4.39	-1.80	-1.91	-1.42	-1.01	-4.22	-0.09	5.76	18.03	20.28	5.15	0.26	-1.31	-3.90	-1.32	8.35	15.97	19.53	17.94	16.99	15.18	13.03	1.09	-2.70
61755	0.23	0.08	0.08	0.06	0.04	0.15	0.00	-0.21	-0.66	-0.81	-0.22	-0.01	0.06	0.23	0.08	-0.51	-0.89	-1.00	-0.82	-0.70	-0.58	-0.47	-0.04	0.11
	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	22.86	15.53	10.78	8.07	14.50	21.89	18.92	20.80	21.64	24.67	24.58	22.45	21.57	24.42	18.16	22.35	19.01	22.76	20.20	20.73	18.75	17.98	19.19	21.21
61845	-0.37	-0.14	-0.15	-0.11	-0.08	-0.33	0.00	0.45	1.41	1.56	0.41	0.02	-0.11	-0.33	-0.11	0.72	1.34	1.61	1.44	1.36	1.21	1.04	0.09	-0.22
	-27.85	-17.54	-12.91	-9.65	-15.63	-26.59	-19.02	-14.37	-1.55	-2.01	-18.81	-22.16	-23.06	-28.88	-19.68	-12.76	-0.82	-0.62	0.00	-1.69	-1.78	-3.44	-17.98	-24.23

OH 61846	-0.05	0.88	0.13	0.11	1.45	-0.05	2.86	6.00	13.53	15.08	5.95	3.21	2.16	0.57	1.58	8.69	13.97	14.61	11.68	12.48	11.39	10.57	3.22	0.94
	0.24	0.09	0.11	0.08	0.06	0.23	0.00	-0.38	-1.16	-1.22	-0.31	-0.01	0.08	0.20	0.07	-0.42	-1.07	-1.27	-1.34	-1.20	-1.08	-0.99	-0.08	0.18
	-4.33	-2.66	-2.01	-1.50	-2.44	-4.10	-2.96	-0.42	3.99	4.80	-0.90	-2.95	-3.45	-4.50	-2.91	-0.24	1.82	4.65	5.75	4.00	3.30	1.94	-2.17	-3.57
PJM 61847	9.76	7.43	4.69	3.53	7.13	9.26	9.85	16.19	26.08	30.10	17.86	12.42	10.80	10.82	9.01	18.56	21.34	27.41	25.98	24.19	21.76	19.15	11.63	10.11
	-0.19	-0.07	-0.07	-0.05	-0.04	-0.16	0.00	0.20	0.66	0.76	0.21	0.01	-0.05	-0.17	-0.06	0.40	0.64	0.78	0.62	0.59	0.54	0.41	0.04	-0.10
	-14.58	-9.37	-6.76	-5.05	-8.23	-13.80	-9.95	-10.01	-6.73	-8.26	-12.29	-12.14	-12.22	-15.12	-10.47	-9.30	-3.85	-6.10	-6.60	-5.92	-5.46	-5.25	-10.47	-13.01
WEST 61752	-0.24	0.79	0.05	0.05	1.37	-0.22	2.79	17.85	42.21	49.97	19.07	6.14	2.88	0.38	2.38	21.08	29.98	45.50	47.59	38.31	34.16	26.34	7.71	2.20
	0.17	0.08	0.09	0.07	0.05	0.17	0.00	-0.28	-0.82	-0.82	-0.21	-0.01	0.05	0.13	0.04	-0.26	-0.80	-0.92	-1.04	-0.93	-0.83	-0.78	-0.06	0.14
	-4.21	-2.59	-1.95	-1.46	-2.37	-3.98	-2.88	-12.16	-24.34	-29.70	-13.92	-5.87	-4.20	-4.38	-3.74	-12.47	-13.92	-25.89	-29.87	-21.56	-19.23	-13.63	-6.64	-4.86