

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/02/2019

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	28.45	17.20	16.58	16.98	21.28	21.95	17.99	15.81	17.23	25.72	50.02	22.47	25.85	22.18	17.26	23.90	50.62	55.79	50.65	43.63	52.44	43.58	38.96	36.43
61757	0.15	0.92	0.98	1.02	0.96	0.92	1.05	0.93	0.53	0.53	3.22	1.38	1.35	1.00	0.45	0.03	-0.03	-0.21	-0.42	-0.14	-0.39	-0.36	-0.32	-0.12
	-26.00	-2.34	0.00	0.00	-5.38	-6.54	-0.23	-0.23	-8.68	-17.47	0.00	-0.63	-5.26	-6.95	-10.27	-23.34	-51.05	-58.77	-56.75	-45.76	-58.07	-48.82	-43.71	-38.41
CENTRL	5.45	14.12	15.42	15.82	15.46	15.15	16.60	14.62	9.12	10.19	57.28	23.92	20.63	15.52	7.58	2.86	5.74	4.51	1.22	3.64	1.90	1.12	0.90	2.84
61754	-0.01	-0.10	-0.17	-0.13	-0.14	-0.13	-0.13	-0.04	0.03	0.04	0.27	0.10	0.07	0.03	0.02	0.01	0.00	-0.01	0.00	0.00	-0.02	-0.03	-0.02	-0.01
	-3.18	-0.28	0.00	0.00	-0.65	-0.79	-0.03	-0.03	-1.06	-2.42	-10.21	-3.34	-1.31	-1.25	-1.02	-2.32	-6.13	-7.28	-6.90	-5.63	-7.16	-6.03	-5.37	-4.70
DUNWOD	21.50	17.02	17.05	17.38	20.22	20.55	18.34	16.15	15.13	21.28	51.34	23.30	27.04	24.20	25.60	37.81	43.26	40.21	37.75	31.47	36.93	30.50	27.23	26.19
61760	0.24	1.37	1.45	1.43	1.35	1.29	1.47	1.34	0.77	0.80	4.54	2.14	2.02	1.54	0.73	0.06	-0.03	-0.30	-0.59	-0.21	-0.55	-0.52	-0.48	-0.21
	-18.98	-1.71	0.00	0.00	-3.93	-4.77	-0.17	-0.17	-6.33	-12.75	0.00	-0.69	-5.77	-8.43	-18.32	-37.22	-43.69	-43.27	-44.01	-33.67	-42.72	-35.91	-32.15	-28.25
GENESE	4.53	13.34	14.60	14.98	14.48	14.19	15.76	13.93	8.50	7.97	44.92	19.69	18.89	14.13	6.88	2.24	4.13	2.69	-0.37	2.25	0.23	-0.29	-0.33	1.70
61753	-0.13	-0.81	-0.99	-0.97	-0.94	-0.89	-0.96	-0.73	-0.31	-0.35	-1.88	-0.82	-0.78	-0.63	-0.30	-0.01	0.01	0.09	0.20	0.07	0.17	0.14	0.13	0.04
	-2.37	-0.21	0.00	0.00	-0.49	-0.59	-0.02	-0.02	-0.79	-0.58	0.00	-0.05	-0.41	-0.52	-0.63	-1.72	-4.52	-5.36	-5.10	-4.17	-5.29	-4.45	-3.98	-3.50
H Q	2.23	13.63	15.31	15.67	14.67	14.23	16.42	14.34	6.55	7.52	43.95	21.02	19.07	15.42	5.98	0.51	-0.39	-2.69	-5.52	-1.93	-5.09	-4.73	-4.30	-1.79
61844	-0.06	-0.31	-0.28	-0.28	-0.26	-0.25	-0.29	-0.29	-0.20	-0.21	-1.27	-0.59	-0.56	-0.42	-0.20	-0.01	0.01	0.08	0.15	0.05	0.16	0.15	0.14	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.00	1.58	-1.14	-0.38	-1.60	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	20.96	16.82	16.89	17.23	19.97	20.29	18.17	16.00	14.90	20.90	50.95	22.98	25.78	22.29	19.25	24.53	38.76	39.07	35.67	30.61	35.85	29.61	26.44	25.48
61758	0.21	1.23	1.29	1.27	1.21	1.15	1.30	1.19	0.69	0.72	4.15	1.95	1.86	1.41	0.67	0.05	-0.03	-0.27	-0.55	-0.20	-0.51	-0.48	-0.44	-0.19
	-18.46	-1.66	0.00	0.00	-3.83	-4.65	-0.16	-0.17	-6.18	-12.45	0.00	-0.56	-4.68	-6.64	-12.04	-23.95	-39.19	-42.11	-41.89	-32.80	-41.60	-34.97	-31.32	-27.52
LONGIL	33.67	22.49	19.16	22.55	21.10	21.32	20.50	17.15	15.44	28.14	59.80	38.58	42.92	65.82	58.42	62.64	60.58	244.16	69.61	90.72	354.77	79.18	34.12	29.69
61762	0.32	1.85	1.97	1.97	1.86	1.77	2.02	1.86	1.06	1.05	6.03	2.78	2.60	1.94	0.91	0.06	-0.03	-0.37	-0.74	-0.27	-0.72	-0.68	-0.62	-0.26
	-31.07	-6.70	-1.59	-4.62	-4.31	-5.06	-1.78	-0.66	-6.36	-19.36	-6.97	-15.33	-21.07	-49.65	-50.97	-62.05	-61.01	-247.30	-76.02	-92.98	-360.72	-84.74	-39.18	-31.80
MHK VL	5.49	14.35	15.68	16.02	15.64	15.34	16.83	14.78	9.16	9.94	47.71	20.91	20.10	15.13	7.47	2.78	5.41	4.06	0.86	3.44	1.54	0.80	0.61	2.63
61756	0.03	0.13	0.09	0.06	0.05	0.07	0.10	0.11	0.10	0.15	0.91	0.38	0.33	0.22	0.10	0.01	0.00	-0.04	-0.07	-0.03	-0.07	-0.06	-0.04	-0.02
	-3.18	-0.29	0.00	0.00	-0.65	-0.79	-0.03	-0.03	-1.04	-2.06	0.00	-0.06	-0.53	-0.67	-0.83	-2.24	-5.81	-6.86	-6.61	-5.45	-6.85	-5.74	-5.09	-4.49
MILLWD	21.77	16.98	16.98	17.32	20.20	20.54	18.26	16.09	15.19	21.44	51.19	23.20	26.79	23.79	22.74	29.45	41.77	40.95	38.19	32.05	37.67	31.12	27.78	26.65
61759	0.23	1.32	1.39	1.36	1.28	1.22	1.39	1.27	0.74	0.76	4.39	2.07	1.96	1.49	0.71	0.05	-0.03	-0.29	-0.57	-0.21	-0.53	-0.51	-0.46	-0.20
	-19.25	-1.73	0.00	0.00	-3.98	-4.84	-0.17	-0.17	-6.43	-12.95	0.00	-0.67	-5.58	-8.07	-15.49	-28.87	-42.20	-44.00	-44.44	-34.24	-43.44	-36.51	-32.68	-28.71
N.Y.C.	21.57	17.17	17.20	17.54	20.36	20.68	18.50	16.28	15.22	21.37	51.12	23.71	27.20	24.80	31.32	59.96	48.24	40.24	37.79	31.53	36.99	30.55	27.27	26.23
61761	0.26	1.52	1.60	1.58	1.48	1.41	1.62	1.47	0.85	0.86	4.83	2.33	2.20	1.67	0.79	0.06	-0.03	-0.31	-0.61	-0.22	-0.57	-0.55	-0.51	-0.22
	-19.02	-1.71	0.00	0.00	-3.94	-4.78	-0.17	-0.17	-6.35	-12.78	0.52	-0.91	-5.75	-8.90	-23.99	-59.37	-48.66	-43.32	-44.06	-33.74	-42.80	-35.98	-32.21	-28.30
NORTH	2.22	13.56	15.23	15.56	14.57	14.15	16.36	14.28	7.79	7.48	45.37	19.75	18.55	13.70	6.28	0.51	-0.38	-2.66	-5.47	-1.91	-5.02	-4.65	-4.21	-1.74
61755	-0.07	-0.37	-0.36	-0.40	-0.37	-0.33	-0.35	-0.36	-0.23	-0.26	-1.44	-0.72	-0.69	-0.54	-0.26	-0.02	0.01	0.11	0.20	0.08	0.23	0.23	0.23	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	25.23	17.01	16.72	17.10	20.71	21.22	18.05	15.86	16.29	23.50	50.80	23.72	26.22	24.00	18.46	25.17	45.71	48.41	44.21	37.84	45.07	37.36	32.32	31.15
61845	0.18	1.04	1.12	1.14	1.08	1.04	1.15	1.01	0.59	0.56	3.46	1.49	1.41	1.06	0.51	0.03	-0.03	-0.22	-0.44	-0.16	-0.42	-0.40	-0.37	-0.15
	-22.77	-2.04	0.00	0.00	-4.68	-5.69	-0.20	-0.20	-7.68	-15.20	-0.54	-1.76	-5.57	-8.70	-11.42	-24.61	-46.14	-51.39	-50.33	-39.99	-50.73	-42.64	-37.12	-33.15

OH 61846	5.31	13.07	14.18	14.60	14.29	14.04	15.37	13.58	8.59	8.44	11.75	8.80	15.85	12.12	6.39	2.86	5.77	4.70	1.65	3.82	2.29	1.45	1.20	2.99
	-0.19	-1.16	-1.41	-1.35	-1.31	-1.25	-1.37	-1.08	-0.50	-0.57	-3.21	-1.41	-1.36	-1.08	-0.50	-0.01	0.03	0.18	0.38	0.13	0.33	0.28	0.23	0.08
	-3.22	-0.29	0.00	0.00	-0.66	-0.81	-0.03	-0.03	-1.07	-1.28	31.84	10.25	2.04	1.03	-0.35	-2.33	-6.15	-7.29	-6.94	-5.67	-7.19	-6.05	-5.42	-4.76
PJM 61847	13.73	15.33	15.90	21.16	22.39	21.99	18.02	15.10	12.08	17.19	61.06	27.40	24.95	22.41	17.76	21.34	25.54	23.07	20.69	18.13	20.19	16.47	14.66	14.99
	0.06	0.37	0.30	0.34	0.31	0.29	0.33	0.36	0.26	0.26	1.47	0.71	0.64	0.46	0.23	0.03	0.00	-0.09	-0.16	-0.06	-0.16	-0.16	-0.17	-0.09
	-11.38	-1.02	0.00	-4.87	-7.14	-7.22	-0.99	-0.10	-3.80	-9.20	-12.79	-6.23	-5.07	-7.71	-10.99	-20.78	-25.95	-25.93	-26.53	-20.17	-25.59	-21.51	-19.27	-16.93
WEST 61752	5.27	13.16	14.29	14.73	14.40	14.14	15.51	13.72	8.67	14.43	165.81	58.76	27.75	20.69	8.94	2.82	5.65	4.53	1.45	3.68	2.09	1.27	1.05	2.88
	-0.18	-1.05	-1.30	-1.23	-1.19	-1.13	-1.23	-0.95	-0.40	-0.47	-2.60	-1.14	-1.10	-0.89	-0.42	0.00	0.02	0.15	0.31	0.11	0.27	0.21	0.17	0.05
	-3.16	-0.28	0.00	0.00	-0.65	-0.79	-0.03	-0.03	-1.05	-7.17	-121.61	-39.44	-9.60	-7.34	-2.81	-2.29	-6.03	-7.15	-6.81	-5.57	-7.07	-5.94	-5.32	-4.67