

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/07/2019

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	16.23	12.35	9.63	9.50	8.67	10.17	9.74	18.22	19.68	21.76	21.32	15.40	18.18	17.73	17.01	22.57	29.96	17.14	17.43	28.23	17.23	23.93	21.39	20.32
61757	0.96	0.75	0.59	0.59	0.55	0.59	0.54	1.31	1.36	1.34	0.84	0.59	0.91	0.73	0.56	1.02	0.86	0.60	0.99	1.97	0.89	1.56	1.46	1.18
	0.00	-0.05	0.00	0.00	0.00	-0.93	-2.18	-0.16	0.00	-1.37	-7.71	-5.89	-3.48	-5.84	-7.57	-6.88	-17.05	-8.33	-4.12	-0.53	-4.72	-1.28	-0.25	-2.19
CENTRL	15.30	11.58	9.07	8.95	8.19	8.84	7.36	16.99	18.53	19.35	13.47	9.08	14.12	11.51	9.10	15.32	12.45	8.29	12.41	25.93	11.69	36.93	19.91	17.32
61754	0.03	0.02	0.03	0.05	0.07	0.08	0.07	0.16	0.21	0.28	0.25	0.14	0.17	0.17	0.13	0.25	0.15	0.08	0.08	0.21	0.08	0.24	0.22	0.15
	0.00	-0.01	0.00	0.00	0.00	-0.12	-0.27	-0.08	0.00	-0.03	-0.46	-0.03	-0.16	-0.19	-0.08	-0.40	-0.26	0.00	0.00	0.00	0.00	-15.58	-0.01	-0.21
DUNWOD	16.77	12.67	9.85	9.70	8.85	10.13	9.36	18.71	20.38	26.01	40.83	30.20	27.31	32.47	35.87	39.95	71.86	37.65	27.79	30.41	29.11	27.80	22.63	21.52
61760	1.50	1.08	0.81	0.79	0.72	0.80	0.74	1.85	2.06	2.23	1.46	1.00	1.56	1.26	0.99	1.68	1.34	0.88	1.37	2.85	1.27	2.31	2.12	1.75
	0.00	-0.04	0.00	0.00	0.00	-0.69	-1.60	-0.12	0.00	-4.74	-26.59	-20.27	-11.96	-20.05	-25.99	-23.60	-58.47	-28.55	-14.10	-1.83	-16.22	-4.39	-0.82	-2.82
GENESE	14.65	11.10	8.74	8.69	7.97	8.60	7.08	16.07	17.80	18.68	9.83	8.79	13.46	10.79	8.52	14.05	11.85	8.10	12.05	25.14	11.34	-42.63	13.76	15.93
61753	-0.62	-0.45	-0.29	-0.23	-0.15	-0.15	-0.17	-0.48	-0.52	-0.36	-0.13	-0.13	-0.33	-0.19	-0.12	-0.16	-0.20	-0.11	-0.28	-0.59	-0.27	-0.34	-0.29	-0.40
	0.00	-0.01	0.00	0.00	0.00	-0.10	-0.23	0.19	0.00	0.00	2.81	0.00	0.00	0.17	0.24	0.46	0.00	0.00	0.00	0.00	0.00	63.39	5.63	0.63
H Q	14.87	11.26	8.81	8.68	7.90	8.49	6.79	16.23	17.77	18.43	12.46	8.62	13.11	10.79	8.60	14.18	11.67	7.96	11.95	24.91	11.29	20.47	19.08	16.42
61844	-0.40	-0.29	-0.23	-0.23	-0.22	-0.23	-0.23	-0.52	-0.55	-0.61	-0.43	-0.29	-0.44	-0.37	-0.28	-0.50	-0.38	-0.25	-0.38	-0.74	-0.32	-0.63	-0.60	-0.53
	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	-0.11	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
HUD VL	16.60	12.55	9.76	9.62	8.77	10.04	9.25	18.52	20.16	23.90	30.43	23.10	23.17	25.80	27.09	31.86	51.94	27.80	22.83	29.54	23.10	26.01	22.15	20.75
61758	1.33	0.96	0.73	0.71	0.65	0.72	0.67	1.66	1.84	2.00	1.33	0.92	1.42	1.16	0.91	1.55	1.25	0.82	1.28	2.64	1.17	2.14	1.96	1.60
	0.00	-0.04	0.00	0.00	0.00	-0.67	-1.57	-0.12	0.00	-2.86	-16.33	-13.26	-7.96	-13.48	-17.30	-15.63	-38.64	-18.76	-9.23	-1.18	-10.31	-2.76	-0.52	-2.20
LONGIL	27.95	18.27	10.11	9.94	9.09	10.42	9.55	19.18	20.79	26.30	41.21	31.54	28.20	32.59	35.74	41.20	71.42	37.90	28.48	30.95	29.22	28.20	23.04	21.88
61762	2.04	1.47	1.08	1.03	0.97	1.08	0.92	2.31	2.49	2.58	1.80	1.18	1.76	1.45	1.15	2.01	1.57	1.04	1.62	3.42	1.57	2.76	2.54	2.12
	-10.64	-5.25	-0.01	0.00	0.00	-0.69	-1.61	-0.12	0.02	-4.68	-26.64	-21.44	-12.65	-19.99	-25.71	-24.52	-57.80	-28.64	-14.54	-1.81	-16.04	-4.34	-0.82	-2.81
MHK VL	15.41	11.65	9.09	8.94	8.13	8.79	7.34	17.05	18.67	19.48	13.08	9.11	14.06	11.38	9.06	14.97	12.28	8.37	12.56	26.27	11.85	21.53	20.03	17.40
61756	0.14	0.09	0.06	0.03	0.02	0.04	0.08	0.28	0.35	0.42	0.31	0.19	0.27	0.23	0.17	0.29	0.24	0.15	0.24	0.54	0.23	0.43	0.34	0.22
	0.00	-0.01	0.00	0.00	0.00	-0.10	-0.24	-0.02	0.00	-0.02	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	-0.21
MILLWD	16.75	12.66	9.84	9.70	8.84	10.14	9.39	18.72	20.38	25.44	37.63	27.73	25.85	30.01	32.74	37.13	64.87	34.26	26.17	30.25	27.21	27.33	22.56	21.38
61759	1.49	1.07	0.81	0.79	0.72	0.80	0.74	1.84	2.05	2.23	1.46	1.01	1.57	1.28	1.00	1.70	1.36	0.90	1.40	2.91	1.29	2.36	2.15	1.76
	0.00	-0.04	0.00	0.00	0.00	-0.70	-1.63	-0.12	0.00	-4.17	-23.39	-17.80	-10.50	-17.57	-22.85	-20.75	-51.46	-25.15	-12.45	-1.61	-14.30	-3.87	-0.73	-2.67
N.Y.C.	16.93	12.78	9.93	9.78	8.91	10.21	9.44	18.90	20.85	26.29	40.57	30.09	27.32	32.39	35.70	39.83	71.30	37.44	27.74	30.55	29.04	27.90	22.78	21.67
61761	1.66	1.19	0.89	0.87	0.79	0.88	0.82	2.03	2.25	2.43	1.57	1.08	1.67	1.35	1.04	1.76	1.40	0.92	1.44	3.01	1.34	2.45	2.28	1.90
	0.00	-0.04	0.00	0.00	0.00	-0.69	-1.60	-0.12	-0.27	-4.82	-26.23	-20.10	-11.86	-19.88	-25.77	-23.39	-57.85	-28.31	-13.98	-1.81	-16.08	-4.35	-0.82	-2.81
NORTH	14.78	11.22	8.78	8.65	7.86	8.37	6.75	16.16	17.73	18.42	12.32	8.60	13.28	10.67	8.48	13.97	11.49	7.85	11.82	24.83	11.24	20.33	18.92	16.26
61755	-0.49	-0.34	-0.26	-0.27	-0.26	-0.28	-0.27	-0.59	-0.59	-0.62	-0.45	-0.32	-0.51	-0.49	-0.40	-0.71	-0.56	-0.36	-0.51	-0.90	-0.37	-0.77	-0.76	-0.69
	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	16.17	12.40	9.67	9.55	8.72	10.17	9.50	18.29	19.82	22.92	26.96	19.60	20.56	21.87	22.20	27.20	41.71	22.82	20.25	28.59	20.48	24.90	21.69	20.52
61845	1.04	0.79	0.64	0.64	0.60	0.63	0.58	1.40	1.50	1.54	0.93	0.66	1.01	0.80	0.58	1.04	0.88	0.60	0.98	2.02	0.89	1.61	1.53	1.28
	0.14	-0.05	0.00	0.00	0.00	-0.89	-1.91	-0.14	0.00	-2.35	-13.26	-10.02	-5.77	-9.92	-12.73	-11.48	-28.79	-14.01	-6.95	-0.85	-7.97	-2.18	-0.48	-2.29

OH 61846	14.25	10.84	8.58	8.56	7.88	8.52	7.00	15.35	17.23	18.15	9.07	8.28	11.79	9.05	7.82	11.00	9.44	7.75	11.65	24.41	11.01	-15.52	16.88	-49.41
	-1.02	-0.72	-0.45	-0.35	-0.24	-0.26	-0.33	-0.98	-1.09	-0.90	-0.49	-0.43	-0.84	-0.59	-0.44	-0.66	-0.67	-0.46	-0.67	-1.32	-0.60	-0.81	-0.62	-0.73
	0.00	-0.01	0.00	0.00	0.00	-0.13	-0.31	0.42	0.01	-0.01	3.21	0.20	1.16	1.52	0.63	3.02	1.94	0.00	0.00	0.00	0.00	35.81	2.18	65.64
PJM 61847	15.69	11.83	9.26	9.17	8.39	9.42	8.20	17.64	18.99	22.68	31.85	21.29	21.29	23.87	24.92	30.18	47.44	25.38	21.08	27.61	21.64	118.07	29.51	20.76
	0.42	0.26	0.23	0.26	0.27	0.30	0.26	0.60	0.64	0.80	0.58	0.34	0.46	0.42	0.34	0.61	0.41	0.23	0.38	0.87	0.38	0.93	0.90	0.66
	0.00	-0.02	0.00	0.00	0.00	-0.47	-0.92	-0.29	-0.02	-2.83	-18.51	-12.03	-7.04	-12.30	-15.69	-14.89	-34.98	-16.94	-8.38	-1.01	-9.64	-96.04	-8.93	-3.14
WEST 61752	14.49	11.01	8.72	8.71	8.01	8.66	7.12	17.28	17.64	18.55	24.32	9.13	15.80	14.59	10.64	22.24	15.98	7.92	11.89	24.89	11.24	405.93	54.91	23.03
	-0.78	-0.55	-0.31	-0.20	-0.11	-0.12	-0.20	-0.65	-0.71	-0.50	-0.22	-0.24	-0.55	-0.35	-0.24	-0.34	-0.41	-0.29	-0.43	-0.83	-0.37	-0.29	-0.12	-0.36
	0.00	-0.01	0.00	0.00	0.00	-0.13	-0.30	-1.18	-0.02	-0.01	-11.77	-0.45	-2.56	-3.79	-2.00	-7.91	-4.34	0.00	0.00	0.00	0.00	-385.12	-35.35	-6.43