

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/23/2020

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	15.86	16.18	13.88	12.31	11.86	12.93	14.35	12.46	13.09	16.77	17.29	19.51	23.67	24.67	19.54	14.67	11.64	14.55	18.20	17.82	16.38	15.59	15.06	12.50
61757	1.05	1.00	0.84	0.73	0.72	0.80	0.88	0.76	0.81	0.99	1.00	1.13	1.39	1.41	1.15	0.91	0.72	0.93	1.17	1.13	1.00	0.92	0.83	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	0.00	-0.20	-0.02	-0.74	-0.09	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
CENTRL	14.80	15.16	13.00	11.55	11.11	12.09	13.44	11.72	12.33	15.70	16.47	18.53	22.53	22.85	18.50	13.89	10.99	13.75	17.27	16.91	15.61	14.90	14.40	11.83
61754	0.00	-0.03	-0.04	-0.02	-0.02	-0.05	-0.03	0.01	0.05	0.09	0.15	0.16	0.16	0.12	0.11	0.08	0.08	0.13	0.23	0.22	0.23	0.24	0.16	0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	-0.18	-0.11	-0.21	-0.09	-0.07	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00
DUNWOD	16.12	16.49	14.19	12.58	12.11	13.21	14.68	12.75	13.37	16.93	17.78	19.85	24.35	24.64	20.00	14.99	11.89	14.86	18.57	18.14	16.73	15.87	15.38	12.80
61760	1.31	1.30	1.15	1.00	0.97	1.08	1.21	1.04	1.09	1.41	1.49	1.67	2.08	2.12	1.70	1.24	0.98	1.24	1.56	1.45	1.35	1.20	1.15	1.06
	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
GENESE	14.35	14.67	12.56	11.18	10.78	11.71	13.00	11.36	11.97	15.25	16.04	18.04	21.93	22.18	18.01	13.54	10.69	13.48	16.95	16.62	15.36	14.73	14.18	11.55
61753	-0.46	-0.52	-0.48	-0.40	-0.36	-0.42	-0.47	-0.34	-0.31	-0.35	-0.28	-0.29	-0.43	-0.51	-0.36	-0.26	-0.15	-0.15	-0.09	-0.07	-0.02	0.06	-0.05	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.02	-0.16	-0.10	-0.17	-0.07	-0.06	0.07	0.00	-0.03	0.00	0.00	0.00	0.00	0.00
H Q	14.48	14.89	12.81	11.37	10.92	11.90	13.21	11.47	12.01	13.53	15.91	16.48	21.63	17.22	17.29	13.39	10.67	13.30	16.53	16.28	14.99	14.33	13.95	11.49
61844	-0.33	-0.29	-0.24	-0.21	-0.21	-0.23	-0.25	-0.24	-0.27	-0.35	-0.37	-0.42	-0.51	-0.52	-0.43	-0.31	-0.25	-0.33	-0.45	-0.41	-0.39	-0.34	-0.29	-0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.64	0.01	1.29	0.12	4.78	0.59	0.06	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
HUD VL	15.98	16.34	14.05	12.46	11.99	13.08	14.53	12.62	13.25	16.77	17.62	19.66	24.13	24.42	19.86	14.85	11.77	14.72	18.40	18.00	16.61	15.75	15.25	12.68
61758	1.18	1.16	1.01	0.88	0.85	0.95	1.06	0.91	0.97	1.26	1.32	1.48	1.86	1.90	1.56	1.10	0.86	1.09	1.39	1.30	1.22	1.08	1.02	0.93
	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
LONGIL	16.18	16.60	16.63	12.97	12.43	13.58	15.14	13.15	13.77	24.43	26.89	25.81	27.62	28.56	29.98	23.37	12.17	25.91	28.06	18.73	17.22	16.32	15.75	13.12
61762	1.37	1.42	1.57	1.38	1.30	1.45	1.67	1.45	1.49	1.98	2.00	2.22	2.80	2.89	2.35	1.68	1.26	1.68	2.17	2.03	1.85	1.65	1.52	1.38
	0.00	0.00	-2.02	0.00	0.00	0.00	0.00	0.00	0.00	-6.94	-8.59	-5.41	-2.56	-3.15	-9.33	-7.93	0.00	-10.61	-8.88	-0.01	0.00	0.00	0.00	0.00
MHK VL	15.14	15.49	13.29	11.79	11.34	12.37	13.79	12.01	12.62	15.23	16.76	18.11	22.78	21.06	18.51	14.07	11.19	14.00	17.51	17.21	15.86	15.12	14.64	12.03
61756	0.33	0.31	0.25	0.21	0.20	0.24	0.33	0.30	0.33	0.45	0.48	0.49	0.57	0.59	0.46	0.34	0.28	0.37	0.51	0.52	0.48	0.45	0.41	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.00	0.57	0.06	2.04	0.25	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
MILLWD	16.06	16.42	14.13	12.53	12.06	13.15	14.61	12.69	13.32	16.88	17.73	19.79	24.28	24.57	19.96	14.95	11.85	14.81	18.52	18.09	16.68	15.82	15.33	12.75
61759	1.26	1.24	1.09	0.95	0.92	1.02	1.15	0.98	1.04	1.36	1.44	1.61	2.02	2.06	1.65	1.19	0.94	1.19	1.50	1.39	1.31	1.15	1.09	1.01
	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
N.Y.C.	16.21	16.59	14.29	12.67	12.19	13.29	14.78	12.82	13.44	17.02	17.87	19.93	24.45	24.76	20.12	15.08	11.98	14.95	18.69	18.24	16.84	15.96	15.48	12.89
61761	1.41	1.41	1.24	1.09	1.05	1.16	1.31	1.11	1.16	1.50	1.58	1.75	2.18	2.24	1.81	1.33	1.07	1.32	1.67	1.54	1.46	1.30	1.24	1.14
	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
NORTH	14.42	14.82	12.76	11.32	10.86	11.83	13.16	11.40	11.92	8.59	15.74	12.52	21.06	2.90	15.39	13.13	10.60	13.24	16.33	16.22	14.93	14.28	13.85	11.45
61755	-0.39	-0.36	-0.28	-0.26	-0.28	-0.30	-0.31	-0.30	-0.36	-0.47	-0.51	-0.58	-0.72	-0.70	-0.60	-0.40	-0.31	-0.39	-0.53	-0.48	-0.45	-0.39	-0.38	-0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.46	0.04	5.09	0.49	18.92	2.32	0.22	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00
NPX	16.52	16.69	13.86	12.49	12.05	13.17	14.61	12.66	13.31	16.74	17.61	19.66	24.10	24.36	19.69	14.75	11.67	14.60	18.23	17.83	16.44	15.63	14.97	12.69
61845	1.27	1.21	1.02	0.91	0.91	1.04	1.14	0.95	1.00	1.22	1.32	1.48	1.87	1.84	1.39	0.99	0.75	0.97	1.22	1.14	1.06	0.96	0.93	0.95
	-0.45	-0.29	0.20	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00

OH 61846	13.42	13.73	11.76	10.49	10.14	10.99	12.21	10.68	11.24	12.45	14.65	13.32	18.33	16.53	15.09	11.29	9.93	12.62	15.23	15.60	14.46	13.95	13.41	10.89
	-1.38	-1.45	-1.28	-1.09	-0.99	-1.14	-1.26	-1.03	-1.04	-1.29	-1.25	-1.39	-1.83	-1.97	-1.53	-1.13	-0.83	-1.01	-1.15	-1.09	-0.92	-0.72	-0.82	-0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78	0.40	3.47	2.11	4.02	1.68	1.33	0.16	0.00	0.64	0.00	0.00	0.00	0.00	0.00
PJM 61847	15.04	15.40	13.22	11.76	11.32	12.31	13.67	11.91	12.50	16.86	16.99	20.60	23.97	25.25	19.64	14.76	10.98	13.96	17.84	17.13	15.80	15.07	14.57	12.06
	0.23	0.21	0.18	0.18	0.19	0.18	0.21	0.20	0.22	0.34	0.42	0.45	0.53	0.48	0.41	0.28	0.23	0.33	0.48	0.43	0.43	0.40	0.33	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-0.28	-1.97	-1.18	-2.25	-0.92	-0.72	0.16	0.00	-0.35	0.00	0.00	0.00	0.00	0.00
WEST 61752	13.71	14.02	12.00	10.71	10.34	11.20	12.44	10.90	11.48	19.08	16.62	26.33	26.49	31.59	21.53	16.33	10.16	12.93	17.93	15.99	14.80	14.25	13.70	11.15
	-1.10	-1.16	-1.04	-0.87	-0.79	-0.93	-1.03	-0.81	-0.80	-0.94	-0.86	-0.96	-1.29	-1.44	-1.11	-0.82	-0.59	-0.69	-0.74	-0.70	-0.58	-0.42	-0.53	-0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.51	-1.19	-9.10	-5.51	-10.50	-4.34	-3.40	0.17	0.00	-1.67	0.00	0.00	0.00	0.00	-0.01