

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Zonal Data

09/18/2019

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	16.60	14.96	15.37	14.82	7.14	12.66	19.51	20.41	20.74	20.13	20.72	19.82	19.68	19.66	19.03	19.59	21.16	24.43	22.33	23.37	21.53	19.74	16.98	15.18
61757	1.22	1.14	1.17	1.15	0.55	1.01	1.51	1.61	1.57	1.41	1.47	1.44	1.46	1.48	1.44	1.40	1.46	1.60	1.55	1.58	1.59	1.50	1.31	1.14
	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.12	0.00	0.00	-2.04	-0.82	-2.28	-0.89	0.00	0.00	0.00
CENTRL	15.04	14.11	14.54	13.97	6.76	11.89	18.37	19.22	19.66	19.18	19.76	18.84	18.71	18.51	17.92	18.68	20.25	21.76	20.76	20.20	19.63	18.66	15.93	14.27
61754	0.34	0.30	0.33	0.30	0.16	0.25	0.38	0.42	0.48	0.46	0.51	0.45	0.48	0.50	0.46	0.50	0.55	0.67	0.59	0.53	0.48	0.35	0.27	0.22
	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	-0.30	-0.22	-0.16	-0.10	-0.08	0.00	0.00
DUNWOD	15.98	14.98	15.34	14.78	7.13	12.60	19.59	20.60	21.04	20.46	21.12	20.27	20.13	19.92	19.30	20.06	21.67	22.92	22.04	21.55	21.03	19.98	17.11	15.28
61760	1.28	1.17	1.13	1.11	0.54	0.95	1.59	1.79	1.86	1.74	1.88	1.89	1.91	1.91	1.83	1.87	1.97	2.14	2.08	2.04	1.99	1.74	1.45	1.23
	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	14.72	13.76	14.23	13.64	6.60	11.62	18.04	18.83	19.31	18.95	19.54	18.60	18.48	18.32	17.75	18.58	20.19	21.39	20.48	19.90	19.32	18.27	15.60	13.94
61753	0.02	-0.05	0.02	-0.03	0.01	-0.02	0.04	0.03	0.13	0.23	0.30	0.21	0.26	0.31	0.29	0.39	0.50	0.60	0.52	0.39	0.27	0.04	-0.07	-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
H Q	10.03	13.37	13.74	13.22	6.38	11.29	17.45	18.20	18.56	18.18	18.67	17.80	17.62	16.31	16.13	17.60	19.09	7.60	14.28	4.89	12.94	17.71	15.22	13.64
61844	-0.50	-0.45	-0.46	-0.45	-0.21	-0.36	-0.55	-0.60	-0.62	-0.54	-0.58	-0.59	-0.60	-0.61	-0.58	-0.59	-0.61	-0.72	-0.69	-0.68	-0.65	-0.53	-0.45	-0.41
	4.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.09	0.76	0.00	0.00	12.47	4.99	13.94	5.46	0.00	0.00	0.00
HUD VL	15.88	14.90	15.27	14.71	7.10	12.54	19.48	20.48	20.91	20.32	20.97	20.12	19.96	19.75	19.15	19.92	21.53	22.78	21.92	21.45	20.93	19.89	17.02	15.19
61758	1.18	1.08	1.06	1.04	0.51	0.89	1.48	1.68	1.73	1.60	1.73	1.74	1.73	1.74	1.69	1.73	1.83	2.00	1.95	1.94	1.89	1.65	1.35	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
LONGIL	16.17	15.21	15.56	15.06	7.27	12.85	20.15	21.16	21.56	20.92	21.60	20.71	20.63	20.37	19.79	20.53	22.17	23.49	22.54	22.07	21.60	29.05	17.49	15.60
61762	1.47	1.40	1.36	1.39	0.67	1.20	2.15	2.36	2.39	2.21	2.36	2.32	2.40	2.37	2.33	2.34	2.47	2.70	2.58	2.56	2.55	2.30	1.82	1.55
	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	-8.52	0.00	0.00	0.00
MHK VL	12.57	14.15	14.54	13.99	6.76	11.99	18.64	19.56	19.97	19.48	20.02	19.09	18.92	18.20	17.76	18.84	20.40	16.03	18.51	13.88	17.26	18.93	16.19	14.47
61756	0.39	0.34	0.34	0.32	0.17	0.34	0.64	0.76	0.79	0.76	0.77	0.71	0.69	0.68	0.64	0.65	0.70	0.75	0.72	0.72	0.69	0.65	0.52	0.42
	2.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.34	0.00	0.00	5.50	2.17	6.34	2.48	-0.04	0.00	0.00
MILLWD	15.96	14.96	15.33	14.77	7.13	12.59	19.58	20.60	21.03	20.44	21.11	20.26	20.11	19.89	19.29	20.04	21.66	22.92	22.05	21.57	21.06	20.00	17.11	15.27
61759	1.26	1.15	1.12	1.10	0.54	0.95	1.59	1.79	1.86	1.73	1.87	1.87	1.88	1.89	1.82	1.85	1.96	2.13	2.09	2.06	2.01	1.76	1.45	1.22
	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.	16.14	15.13	15.49	14.92	7.21	12.73	19.80	20.82	21.33	21.33	21.37	21.00	20.36	20.14	19.50	20.25	21.92	23.36	22.25	21.73	21.24	20.15	17.30	15.44
61761	1.44	1.31	1.28	1.25	0.61	1.08	1.80	2.01	2.09	1.96	2.10	2.12	2.13	2.13	2.04	2.07	2.19	2.36	2.29	2.22	2.19	1.92	1.63	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.66	-0.02	-0.49	-0.01	-0.01	0.00	0.00	-0.03	-0.22	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	-2.45	13.32	13.70	13.18	6.37	11.31	17.50	18.23	18.60	18.27	18.73	17.78	17.57	13.00	13.82	17.57	19.08	-29.75	-0.70	-36.89	-3.44	17.79	15.34	13.69
61755	-0.55	-0.49	-0.51	-0.49	-0.22	-0.33	-0.50	-0.57	-0.58	-0.45	-0.52	-0.61	-0.65	-0.66	-0.61	-0.61	-0.62	-0.80	-0.77	-0.73	-0.69	-0.44	-0.33	-0.35
	16.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.34	3.04	0.00	0.00	49.73	19.90	55.67	21.80	0.00	0.00	0.00
NPX	15.81	14.85	15.25	14.69	7.07	12.50	19.35	20.27	20.63	20.05	20.68	19.81	19.65	19.44	18.83	19.56	21.12	22.34	21.51	21.09	20.65	19.71	16.91	15.14
61845	1.11	1.04	1.05	1.02	0.48	0.86	1.35	1.46	1.45	1.34	1.43	1.43	1.43	1.44	1.37	1.37	1.42	1.55	1.55	1.57	1.60	1.48	1.24	1.09
	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

O H 61846	14.66 -0.04 0.00	13.72 -0.09 0.00	14.25 0.04 0.00	13.64 -0.03 0.00	6.62 0.03 0.00	11.56 -0.09 0.00	17.78 -0.21 0.00	18.52 -0.28 0.00	18.99 -0.18 0.00	18.67 -0.05 0.00	19.31 0.07 0.00	18.32 -0.07 0.00	18.24 0.02 0.00	18.11 0.10 0.00	17.50 0.03 0.00	18.31 0.13 0.00	19.93 0.23 0.00	21.15 0.37 0.00	20.20 0.24 0.00	19.55 0.04 0.00	18.96 -0.09 0.00	17.98 -0.26 0.00	15.39 -0.28 0.00	13.77 -0.28 0.00
PJM 61847	15.43 0.73 0.00	14.48 0.67 0.00	14.91 0.70 0.00	14.33 0.66 0.00	6.93 0.34 0.00	15.18 0.51 -3.03	15.47 0.72 3.25	19.61 0.80 0.00	20.04 0.87 0.00	19.53 0.82 0.00	20.21 0.97 0.00	19.34 0.92 -0.03	19.21 0.98 0.00	19.03 1.03 0.00	18.40 0.93 0.00	19.15 0.96 0.00	20.73 1.03 0.00	22.01 1.23 0.00	21.07 1.11 0.00	20.50 0.99 0.00	19.98 0.93 0.00	19.02 0.78 0.00	16.31 0.64 0.00	14.58 0.54 0.00
WEST 61752	14.89 0.19 0.00	13.93 0.11 0.00	14.48 0.27 0.00	13.86 0.18 0.00	6.73 0.13 0.00	11.75 0.10 0.00	18.15 0.15 0.00	18.93 0.12 0.00	19.44 0.27 0.00	19.13 0.41 0.00	19.78 0.53 0.00	18.77 0.39 0.00	18.71 0.48 0.00	18.57 0.57 0.00	17.97 0.50 0.00	18.81 0.62 0.00	20.47 0.78 0.00	21.72 0.94 0.00	20.74 0.78 0.00	20.05 0.54 0.00	19.43 0.38 0.00	18.41 0.17 0.00	15.71 0.04 0.00	14.02 -0.03 0.00