

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/02/2017

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	20.47	9.83	14.27	5.41	10.81	3.03	24.62	15.41	18.74	19.69	17.77	17.13	16.49	17.27	12.60	14.10	12.33	21.70	19.41	13.44	14.63	10.67	8.47	25.33
61757	1.06	0.57	0.31	0.22	0.59	0.17	1.33	0.84	0.96	0.90	0.79	0.86	0.94	0.98	0.71	0.82	0.66	0.46	0.54	0.24	0.78	0.48	0.25	0.00
	-1.13	0.00	-8.79	-1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-13.68	-10.20	-9.29	-1.02	-2.44	-3.97	-25.35
CENTRL	18.62	9.35	6.28	3.95	10.33	2.91	23.77	14.81	19.89	19.23	17.33	16.50	15.72	16.44	12.01	13.41	10.76	7.86	8.86	4.16	12.81	7.84	4.37	0.69
61754	0.21	0.09	0.06	0.04	0.11	0.05	0.47	0.24	0.36	0.44	0.34	0.23	0.17	0.15	0.13	0.13	0.07	-0.07	-0.09	-0.01	-0.04	0.03	0.01	0.00
	-0.14	0.00	-1.05	-0.17	0.00	0.00	0.00	0.00	-1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.38	-0.28	-0.26	-0.03	-0.07	-0.11	-0.70
DUNWOD	20.84	10.12	12.07	5.11	11.03	3.10	25.35	15.97	19.55	20.67	18.67	17.90	17.15	17.99	13.10	14.70	12.58	18.81	17.34	11.40	14.81	10.37	7.69	19.41
61760	1.73	0.86	0.45	0.31	0.81	0.24	2.06	1.40	1.77	1.88	1.68	1.64	1.61	1.70	1.22	1.41	1.13	0.77	0.86	0.37	1.21	0.75	0.40	0.00
	-0.83	0.00	-6.45	-1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-10.48	-7.81	-7.12	-0.78	-1.87	-3.05	-19.43
GENESE	17.87	8.98	5.88	3.79	10.02	2.83	23.10	14.30	16.29	18.66	16.86	15.97	15.16	15.80	11.58	12.89	10.32	7.46	8.45	3.93	12.35	7.55	4.19	0.48
61753	-0.51	-0.28	-0.12	-0.07	-0.20	-0.03	-0.20	-0.27	-0.29	-0.13	-0.12	-0.30	-0.39	-0.49	-0.31	-0.39	-0.36	-0.36	-0.43	-0.16	-0.49	-0.24	-0.13	0.01
	-0.11	0.00	-0.82	-0.14	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.27	-0.20	-0.18	-0.02	-0.05	-0.08	-0.49
H Q	17.76	8.67	5.04	3.63	9.97	2.78	16.66	14.14	17.25	18.23	16.51	15.81	15.08	15.81	11.53	12.87	10.32	7.34	8.45	3.81	12.48	7.64	4.19	-0.02
61844	-0.51	-0.25	-0.14	-0.10	-0.25	-0.08	-0.70	-0.42	-0.53	-0.56	-0.47	-0.46	-0.47	-0.48	-0.36	-0.41	-0.32	-0.21	-0.22	-0.10	-0.34	-0.24	-0.12	0.00
	0.00	0.33	0.00	0.00	0.00	0.00	5.93	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	-0.13	-0.07	0.00
HUD VL	20.73	10.07	12.06	5.09	10.98	3.09	25.27	15.92	19.49	20.61	18.61	17.85	17.11	17.94	13.07	14.64	12.52	18.78	17.32	11.39	14.79	10.35	7.68	19.44
61758	1.63	0.81	0.43	0.30	0.77	0.23	1.97	1.36	1.71	1.81	1.63	1.59	1.56	1.65	1.19	1.36	1.08	0.75	0.83	0.36	1.18	0.74	0.39	0.00
	-0.83	0.00	-6.46	-1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-10.49	-7.82	-7.12	-0.78	-1.87	-3.05	-19.46
LONGIL	26.79	14.62	16.92	15.93	19.45	4.94	30.80	18.60	22.52	20.91	18.89	18.08	17.28	18.12	13.17	14.80	12.68	18.88	17.43	11.45	15.05	10.52	7.80	19.42
61762	2.29	1.14	0.59	0.43	1.11	0.33	2.68	1.60	2.13	2.12	1.91	1.82	1.73	1.83	1.28	1.52	1.24	0.84	0.94	0.41	1.44	0.91	0.50	-0.01
	-6.23	-4.22	-11.15	-11.78	-8.12	-1.74	-4.82	-2.44	-2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-10.49	-7.82	-7.13	-0.78	-1.87	-3.05	-19.45
MHK VL	18.85	9.47	6.45	3.99	10.43	2.93	24.00	15.04	18.38	19.41	17.51	16.73	15.97	16.71	12.17	13.59	11.00	9.13	9.92	4.98	13.25	8.21	4.77	2.73
61756	0.43	0.21	0.11	0.08	0.21	0.07	0.71	0.47	0.59	0.62	0.53	0.46	0.42	0.42	0.29	0.31	0.24	0.15	0.18	0.09	0.32	0.20	0.10	0.00
	-0.15	0.00	-1.17	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-1.42	-1.06	-0.97	-0.11	-0.26	-0.42	-2.75
MILLWD	20.81	10.11	12.09	5.11	11.01	3.10	25.33	15.97	19.55	20.68	18.68	17.91	17.16	18.00	13.11	14.70	12.59	18.87	17.40	11.45	14.83	10.38	7.71	19.52
61759	1.70	0.84	0.44	0.31	0.79	0.24	2.04	1.40	1.77	1.88	1.69	1.64	1.61	1.71	1.23	1.42	1.13	0.78	0.86	0.37	1.22	0.76	0.40	0.00
	-0.84	0.00	-6.48	-1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-10.54	-7.86	-7.16	-0.79	-1.88	-3.06	-19.53
N.Y.C.	21.00	10.21	12.12	5.14	11.11	3.13	25.54	16.11	19.71	20.85	18.82	18.05	17.29	18.13	13.21	14.81	12.67	18.88	17.42	11.44	14.91	10.43	7.73	19.42
61761	1.90	0.95	0.50	0.35	0.89	0.27	2.24	1.54	1.93	2.05	1.83	1.78	1.74	1.84	1.33	1.53	1.23	0.84	0.92	0.40	1.30	0.81	0.43	0.01
	-0.83	0.00	-6.45	-1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-10.49	-7.82	-7.13	-0.78	-1.87	-3.05	-19.44
NORTH	17.61	8.93	5.01	3.61	9.91	2.75	22.38	14.03	17.08	18.06	16.41	15.66	14.90	15.65	11.38	12.68	10.15	7.25	8.39	3.78	12.43	7.44	4.08	-0.03
61755	-0.66	-0.33	-0.16	-0.12	-0.31	-0.11	-0.92	-0.53	-0.70	-0.73	-0.57	-0.61	-0.64	-0.64	-0.49	-0.60	-0.49	-0.30	-0.28	-0.13	-0.40	-0.31	-0.16	-0.01
	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
NPX	35.89	9.21	13.01	4.62	10.88	2.86	24.36	15.57	19.10	19.49	18.04	17.34	16.69	17.49	12.75	14.29	12.35	20.11	18.86	12.33	14.60	10.55	8.09	22.21
61845	1.36	0.69	0.37	0.26	0.66	0.19	1.53	1.01	1.23	1.21	1.05	1.07	1.14	1.19	0.87	1.01	0.80	0.56	0.64	0.26	0.88	0.53	0.29	0.00
	-16.26	0.74	-7.47	-0.64	0.00	0.19	0.46	0.00	-0.09	0.51	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	-12.00	-9.54	-8.15	-0.90	-2.27	-3.55	-22.24

OH 61846	17.73	8.90	6.15	3.83	10.00	2.83	22.82	13.95	12.15	18.30	16.48	15.50	14.66	15.27	11.21	12.47	9.98	7.27	8.20	3.89	11.96	7.36	4.13	0.67
	-0.68	-0.36	-0.14	-0.08	-0.22	-0.04	-0.47	-0.61	-0.70	-0.49	-0.50	-0.77	-0.88	-1.03	-0.67	-0.82	-0.72	-0.65	-0.75	-0.28	-0.89	-0.45	-0.23	0.01
	-0.14	0.00	-1.11	-0.18	0.00	0.00	0.00	0.00	4.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.36	-0.27	-0.25	-0.03	-0.07	-0.11	-0.68
PJM 61847	19.63	9.67	9.08	4.50	10.61	2.99	24.30	15.13	20.88	19.74	17.77	16.89	16.09	16.84	12.31	13.77	11.40	12.86	13.04	7.82	13.62	9.17	6.10	10.29
	0.85	0.41	0.21	0.16	0.40	0.12	1.01	0.56	0.79	0.95	0.78	0.63	0.54	0.56	0.42	0.48	0.36	0.20	0.21	0.13	0.38	0.30	0.17	0.01
	-0.51	0.00	-3.70	-0.61	0.00	0.00	0.00	0.00	-2.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-5.11	-4.14	-3.78	-0.42	-1.13	-1.68	-10.30
WEST 61752	17.94	8.99	6.16	3.87	10.13	2.87	23.16	14.17	33.88	18.67	16.83	15.77	14.90	15.50	11.39	12.65	10.12	7.35	8.28	3.92	12.11	7.45	4.17	0.65
	-0.47	-0.27	-0.08	-0.03	-0.09	0.00	-0.14	-0.39	-0.39	-0.13	-0.16	-0.50	-0.65	-0.79	-0.49	-0.63	-0.58	-0.56	-0.66	-0.24	-0.74	-0.36	-0.18	0.01
	-0.14	0.00	-1.07	-0.18	0.00	0.00	0.00	0.00	-16.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.35	-0.27	-0.24	-0.03	-0.06	-0.10	-0.65