

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/02/2017

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	8.56	18.46	2.97	1.69	13.02	13.27	21.06	20.01	17.33	14.99	15.56	22.24	39.79	20.19	24.53	35.71	20.24	23.00	24.02	21.95	20.53	12.64	10.80	7.81
61757	0.19	-0.08	0.11	0.09	-0.03	0.86	1.23	1.42	1.28	1.09	1.16	1.69	2.94	1.46	1.64	2.37	1.39	1.59	1.72	1.56	1.43	0.90	0.75	0.51
	-5.38	-19.72	-0.94	0.00	-13.54	-0.72	-4.76	-2.10	0.00	-0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	0.00	0.00	0.00	0.00	0.00
CENTRL	3.72	1.25	2.06	1.62	1.18	12.00	15.95	17.10	16.44	13.81	14.75	21.06	37.77	19.13	23.21	33.69	19.02	21.68	22.25	20.64	19.33	11.87	10.14	7.40
61754	0.06	-0.02	0.03	0.02	-0.01	0.22	0.28	0.35	0.39	0.33	0.35	0.51	0.91	0.39	0.32	0.36	0.18	0.26	0.23	0.25	0.22	0.13	0.08	0.10
	-0.67	-2.45	-0.12	0.00	-1.68	-0.09	-0.59	-0.26	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00
DUNWOD	6.94	12.14	2.70	1.72	8.69	13.17	19.77	19.71	17.82	15.24	15.99	22.80	40.87	20.99	25.41	36.79	20.99	23.71	24.52	22.53	21.17	13.04	11.10	7.99
61760	0.27	-0.10	0.15	0.12	-0.04	1.00	1.45	1.81	1.77	1.49	1.59	2.25	3.99	2.16	2.53	3.45	2.01	2.30	2.31	2.14	2.07	1.29	1.05	0.69
	-3.66	-13.42	-0.64	0.00	-9.22	-0.49	-3.24	-1.41	0.00	-0.33	0.00	0.00	-0.02	-0.09	0.00	0.00	-0.13	0.00	-0.24	0.00	0.00	0.00	0.00	0.00
GENESE	3.40	0.43	1.95	1.56	0.61	11.56	15.14	16.28	15.77	13.23	14.19	20.20	36.28	18.30	22.39	32.57	18.35	20.91	21.46	19.97	18.67	11.46	9.80	7.21
61753	-0.03	0.03	-0.04	-0.03	0.01	-0.19	-0.32	-0.38	-0.28	-0.23	-0.21	-0.35	-0.58	-0.43	-0.49	-0.77	-0.50	-0.50	-0.54	-0.42	-0.43	-0.29	-0.26	-0.09
	-0.43	-1.59	-0.08	0.00	-1.09	-0.06	-0.38	-0.17	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00
H Q	2.91	-1.16	1.87	1.56	-0.48	11.38	14.66	15.98	15.56	12.99	13.94	19.90	35.72	18.14	22.21	32.38	18.28	20.76	21.30	19.75	18.48	11.35	9.73	7.06
61844	-0.08	0.03	-0.05	-0.03	0.01	-0.31	-0.42	-0.51	-0.49	-0.43	-0.46	-0.65	-1.14	-0.60	-0.68	-0.96	-0.56	-0.65	-0.67	-0.64	-0.62	-0.39	-0.32	-0.24
	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
HUD VL	6.93	12.13	2.71	1.72	8.68	13.21	19.80	19.73	17.84	15.24	16.01	22.82	40.89	20.84	25.44	36.81	20.76	23.74	24.58	22.59	21.21	13.04	11.10	8.00
61758	0.28	-0.10	0.16	0.13	-0.04	1.03	1.49	1.83	1.79	1.50	1.60	2.27	4.05	2.17	2.55	3.48	2.02	2.32	2.37	2.20	2.11	1.30	1.05	0.70
	-3.66	-13.41	-0.64	0.00	-9.22	-0.49	-3.24	-1.41	0.00	-0.32	0.00	0.00	0.01	0.06	0.00	0.00	0.11	0.00	-0.24	0.00	0.00	0.00	0.00	0.00
LONGIL	7.01	12.12	2.77	1.77	8.68	13.59	20.75	20.23	18.32	15.60	16.84	23.35	42.00	22.73	26.11	37.59	23.54	24.30	25.31	23.21	26.14	27.83	20.64	8.19
61762	0.35	-0.12	0.22	0.18	-0.06	1.41	1.91	2.33	2.27	1.89	2.02	2.80	4.91	2.67	3.22	4.25	2.51	2.88	3.09	2.82	2.74	1.69	1.36	0.89
	-3.66	-13.43	-0.64	0.00	-9.23	-0.49	-3.77	-1.41	0.00	-0.29	-0.41	0.00	-0.24	-1.33	0.00	0.00	-2.18	0.00	-0.25	0.00	-4.30	-14.39	-9.23	0.00
MHK VL	3.64	0.91	2.05	1.62	0.97	12.04	15.99	17.21	16.79	13.86	15.61	22.38	38.99	19.29	23.48	34.08	19.24	21.90	22.54	20.89	19.53	12.06	10.29	7.41
61756	0.07	-0.02	0.04	0.03	-0.01	0.27	0.40	0.50	0.48	0.40	0.45	0.66	1.13	0.56	0.59	0.75	0.39	0.48	0.53	0.50	0.43	0.24	0.16	0.11
	-0.58	-2.12	-0.10	0.00	-1.47	-0.08	-0.51	-0.22	-0.25	-0.05	-0.77	-1.17	-1.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	-0.08	-0.08	0.00
MILLWD	6.98	12.29	2.71	1.72	8.79	13.19	19.82	19.74	17.83	15.24	16.00	22.80	40.85	20.79	25.41	36.79	20.67	23.71	24.55	22.56	21.19	13.04	11.11	7.99
61759	0.28	-0.10	0.16	0.12	-0.04	1.01	1.47	1.83	1.78	1.50	1.60	2.25	4.01	2.16	2.53	3.45	2.01	2.30	2.34	2.16	2.08	1.30	1.05	0.69
	-3.70	-13.57	-0.65	0.00	-9.32	-0.49	-3.28	-1.43	0.00	-0.32	0.00	0.00	0.02	0.10	0.00	0.00	0.18	0.00	-0.24	0.00	0.00	0.00	0.00	0.00
N.Y.C.	6.96	12.14	2.72	1.73	8.69	13.27	19.91	19.87	19.07	19.72	16.24	23.02	41.73	23.98	25.65	38.43	26.06	23.98	24.72	22.72	21.40	13.53	11.21	8.06
61761	0.30	-0.11	0.16	0.14	-0.04	1.10	1.60	1.97	1.93	1.62	1.76	2.47	4.37	2.38	2.76	3.79	2.20	2.52	2.51	2.33	2.29	1.42	1.16	0.76
	-3.66	-13.43	-0.64	0.00	-9.22	-0.49	-3.24	-1.41	-1.09	-4.69	-0.08	0.00	-0.50	-2.87	0.00	-1.31	-5.01	-0.05	-0.24	0.00	-0.01	-0.37	0.00	0.00
NORTH	2.91	-1.16	1.88	1.57	-0.48	11.41	14.60	15.76	13.05	12.68	6.96	9.38	26.38	17.73	21.82	32.01	18.07	20.56	21.08	19.48	18.07	10.42	8.84	6.88
61755	-0.09	0.03	-0.03	-0.03	0.01	-0.28	-0.48	-0.72	-0.80	-0.74	-0.83	-1.14	-2.02	-1.00	-1.07	-1.33	-0.77	-0.85	-0.90	-0.91	-1.04	-0.69	-0.61	-0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.21	0.00	6.62	10.03	8.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.60	0.00
NPX	7.76	15.45	2.66	3.10	10.96	13.18	20.22	19.80	17.46	15.28	15.31	22.49	40.13	20.47	20.16	31.90	17.94	23.21	24.10	19.27	19.35	12.33	11.00	8.37
61845	0.20	-0.08	0.12	0.10	-0.03	0.78	1.11	1.64	1.41	1.21	1.30	1.94	3.27	1.70	1.86	2.63	1.51	1.80	1.85	1.66	1.54	0.98	0.88	0.58
	-4.56	-16.72	-0.63	-1.41	-11.48	-0.70	-4.03	-1.67	0.00	-0.65	0.39	0.00	-0.01	-0.04	4.59	4.06	2.41	0.00	-0.28	2.78	1.29	0.40	-0.07	-0.50

H 61846	3.59	1.25	1.97	1.54	1.18	11.46	15.03	15.99	15.45	12.99	13.91	19.84	35.69	17.90	21.94	31.63	17.75	20.26	20.67	19.30	18.10	11.14	9.56	7.09
	-0.06	0.04	-0.06	-0.05	0.02	-0.31	-0.62	-0.75	-0.60	-0.49	-0.49	-0.71	-1.17	-0.84	-0.96	-1.71	-1.10	-1.16	-1.35	-1.09	-1.00	-0.60	-0.49	-0.21
	-0.65	-2.39	-0.11	0.00	-1.64	-0.09	-0.58	-0.25	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	
PJM 61847	5.72	8.09	2.45	1.67	5.89	12.66	18.19	18.57	17.38	15.47	15.41	22.01	39.59	20.54	24.46	35.56	20.79	22.73	23.47	21.67	20.37	12.62	10.69	7.75
	0.17	-0.05	0.09	0.07	-0.02	0.63	0.86	1.10	1.12	0.95	1.00	1.46	2.65	1.32	1.57	1.97	1.10	1.30	1.32	1.28	1.27	0.80	0.63	0.45
	-2.55	-9.33	-0.45	0.00	-6.41	-0.34	-2.25	-0.98	-0.22	-1.10	-0.02	0.00	-0.08	-0.48	0.00	-0.26	-0.85	-0.01	-0.17	0.00	0.00	-0.07	0.00	0.00
WEST 61752	3.62	1.16	1.99	1.56	1.11	11.61	15.22	16.28	15.78	13.27	14.21	20.25	36.43	18.26	22.36	32.23	18.09	20.63	21.06	19.67	18.42	11.32	9.71	7.20
	-0.01	0.02	-0.03	-0.03	0.01	-0.16	-0.41	-0.45	-0.27	-0.21	-0.19	-0.30	-0.43	-0.48	-0.53	-1.11	-0.76	-0.78	-0.95	-0.73	-0.68	-0.42	-0.35	-0.10
	-0.63	-2.32	-0.11	0.00	-1.59	-0.08	-0.56	-0.25	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	