

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/16/2019

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	40.50	26.05	20.73	23.59	25.06	26.05	24.60	25.26	26.76	22.12	31.35	36.54	20.50	21.15	29.40	47.98	30.53	43.33	29.61	23.30	21.46	19.49	18.78	20.28
61757	0.42	0.07	0.09	-0.06	-0.05	0.35	0.24	0.70	0.68	0.79	1.36	2.05	1.07	1.11	1.30	1.93	1.02	1.88	0.70	0.78	0.91	0.73	0.86	0.85
	-32.53	-24.64	-19.02	-24.77	-26.06	-19.75	-20.37	-13.29	-14.96	-8.28	-7.07	0.00	0.00	0.00	-4.72	-9.91	-11.77	-9.67	-16.82	-8.97	-4.17	-5.08	-1.88	0.00
CENTRL	11.72	4.48	4.05	2.03	2.37	8.48	6.60	12.99	13.04	14.13	23.87	34.63	19.47	20.10	24.07	37.46	19.28	33.07	14.23	14.70	16.96	14.34	16.29	19.48
61754	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.03	-0.01	0.01	0.05	0.13	0.04	0.03	0.08	0.06	0.05	0.07	0.01	0.02	0.04	0.02	0.01	0.06
	-4.16	-3.14	-2.42	-3.15	-3.32	-2.52	-2.60	-1.71	-1.94	-1.06	-0.91	0.00	0.00	-0.02	-0.60	-1.27	-1.49	-1.23	-2.13	-1.14	-0.54	-0.65	-0.24	0.00
DUNWOD	31.86	19.48	15.66	17.01	18.13	20.77	19.12	21.72	22.81	20.07	29.93	37.26	21.05	21.70	28.77	46.35	27.69	41.33	25.23	21.18	20.74	18.52	18.69	20.70
61760	0.40	0.07	0.08	-0.06	-0.05	0.34	0.28	0.80	0.82	1.00	1.87	2.76	1.62	1.66	1.95	3.01	1.42	2.54	0.95	1.09	1.31	1.12	1.27	1.28
	-23.91	-18.08	-13.96	-18.18	-19.13	-14.48	-14.86	-9.66	-10.88	-6.02	-5.15	0.00	0.00	0.00	-3.43	-7.21	-8.53	-7.01	-12.19	-6.55	-3.05	-3.72	-1.38	0.00
GENESE	10.27	3.55	3.31	1.17	1.45	7.60	5.71	12.10	12.11	13.40	22.88	33.63	18.93	19.31	20.23	35.78	17.36	31.55	13.21	13.93	16.19	13.39	14.58	18.89
61753	-0.25	-0.03	-0.05	0.03	0.02	-0.15	-0.12	-0.36	-0.33	-0.39	-0.68	-0.84	-0.50	-0.52	-0.66	-1.20	-0.57	-1.11	-0.40	-0.42	-0.50	-0.48	-0.59	-0.53
	-2.97	-2.24	-1.73	-2.26	-2.38	-1.80	-1.85	-1.20	-1.33	-0.75	-0.64	0.02	0.00	0.21	2.49	-0.85	-0.19	-0.88	-1.52	-0.82	-0.31	-0.19	0.86	0.00
H Q	7.55	1.34	1.62	-1.12	-0.95	5.95	3.98	11.26	11.11	13.05	22.91	34.49	19.43	20.05	23.38	36.13	17.74	31.78	12.09	13.54	16.38	13.68	16.04	19.43
61844	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
	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	31.86	19.50	15.68	17.04	18.16	20.78	19.13	21.70	22.77	20.01	29.80	37.03	20.87	21.51	28.56	46.04	27.48	41.00	25.06	21.04	20.58	18.37	18.53	20.57
61758	0.39	0.06	0.08	-0.06	-0.05	0.33	0.27	0.77	0.77	0.94	1.74	2.54	1.44	1.46	1.75	2.70	1.26	2.26	0.86	0.98	1.17	0.99	1.12	1.14
	-23.92	-18.09	-13.97	-18.21	-19.16	-14.50	-14.88	-9.66	-10.88	-6.02	-5.15	0.00	0.00	0.00	-3.43	-7.20	-8.48	-6.97	-12.12	-6.53	-3.04	-3.70	-1.37	0.00
LONGIL	32.04	19.52	15.71	17.00	18.12	20.95	19.25	21.99	23.05	21.82	36.84	38.24	23.23	23.61	30.16	47.66	28.15	42.11	25.54	21.47	21.08	18.83	19.90	22.94
61762	0.56	0.09	0.12	-0.08	-0.07	0.52	0.39	1.05	1.05	1.26	2.57	3.70	2.18	2.23	2.60	4.03	1.87	3.32	1.26	1.37	1.65	1.44	1.65	1.75
	-23.92	-18.09	-13.97	-18.19	-19.14	-14.49	-14.87	-9.67	-10.89	-7.52	-11.36	-0.05	-1.62	-1.33	-4.18	-7.51	-8.54	-7.02	-12.20	-6.56	-3.05	-3.72	-2.22	-1.76
MHK VL	11.94	4.61	4.12	2.09	2.43	8.57	6.63	11.07	11.56	12.76	21.90	31.76	19.46	20.29	24.26	37.95	19.30	34.91	17.05	13.51	18.57	18.76	17.32	19.71
61756	0.08	0.01	0.02	-0.01	-0.01	0.08	0.06	0.14	0.14	0.14	0.23	0.34	0.24	0.25	0.29	0.55	0.24	0.45	0.18	0.20	0.21	0.16	0.19	0.29
	-4.31	-3.26	-2.48	-3.22	-3.38	-2.55	-2.59	0.33	-0.32	0.43	1.24	3.07	0.21	0.00	-0.59	-1.27	-1.33	-2.68	-4.78	0.24	-1.98	-4.92	-1.09	0.00
MILLWD	32.01	19.60	15.75	17.13	18.26	20.86	19.22	21.77	22.85	20.07	29.88	37.12	20.96	21.61	28.69	46.25	27.67	41.25	25.27	21.19	20.70	18.49	18.64	20.64
61759	0.38	0.06	0.08	-0.05	-0.05	0.33	0.27	0.78	0.79	0.95	1.79	2.63	1.53	1.57	1.85	2.86	1.35	2.42	0.92	1.04	1.26	1.07	1.21	1.21
	-24.08	-18.20	-14.05	-18.31	-19.26	-14.58	-14.97	-9.73	-10.96	-6.06	-5.18	0.00	0.00	0.00	-3.46	-7.26	-8.59	-7.05	-12.27	-6.60	-3.07	-3.74	-1.39	0.00
N.Y.C.	31.91	19.50	15.68	17.00	18.13	20.81	19.16	21.81	22.91	20.17	30.09	37.47	21.28	21.86	28.94	46.59	27.79	41.47	25.28	21.26	20.85	18.63	18.82	20.85
61761	0.44	0.08	0.09	-0.06	-0.05	0.38	0.31	0.88	0.92	1.10	2.03	2.98	1.78	1.82	2.13	3.25	1.52	2.69	1.00	1.16	1.42	1.23	1.40	1.43
	-23.92	-18.08	-13.96	-18.19	-19.13	-14.48	-14.87	-9.67	-10.88	-6.02	-5.15	0.00	-0.07	0.00	-3.43	-7.21	-8.54	-7.01	-12.19	-6.55	-3.05	-3.72	-1.38	0.00
NORTH	5.74	0.31	0.81	-1.98	-1.87	4.82	2.77	-7.09	-4.17	-2.59	-6.66	-5.87	15.32	17.84	20.29	31.43	13.36	25.10	3.00	-0.66	12.09	5.83	12.58	17.53
61755	-0.58	-0.10	-0.09	0.07	0.07	-0.39	-0.45	-1.51	-1.43	-1.71	-3.39	-5.16	-2.23	-2.21	-2.92	-4.33	-2.34	-4.33	-1.63	-1.75	-2.26	-2.05	-2.28	-1.90
	1.23	0.93	0.72	0.94	0.99	0.75	0.76	16.84	13.84	13.93	26.18	35.20	1.88	0.00	0.18	0.38	2.04	2.34	7.45	12.45	2.02	5.80	1.18	0.00
NPX	36.47	23.01	18.38	20.58	21.89	23.53	21.98	23.43	24.73	20.94	30.26	36.20	20.35	21.00	28.64	46.58	28.88	41.85	27.36	22.09	20.86	18.83	18.99	20.61
61845	0.33	0.05	0.07	-0.04	-0.04	0.26	0.19	0.57	0.56	0.67	1.17	1.71	0.92	0.96	1.14	1.79	0.88	1.64	0.63	0.71	0.83	0.70	0.82	0.83
	-28.59	-21.62	-16.69	-21.74	-22.87	-17.31	-17.80	-11.60	-13.06	-7.23	-6.18	0.00	0.00	0.00	-4.12	-8.66	-10.26	-8.43	-14.65	-7.85	-3.65	-4.45	-2.13	-0.36

OH 61846	11.15	4.31	3.88	1.96	2.28	8.10	6.24	12.17	12.22	13.24	22.40	32.60	18.27	18.89	21.83	34.88	17.60	30.71	13.21	13.69	15.88	13.39	15.29	18.50
	-0.40	-0.06	-0.08	0.04	0.03	-0.27	-0.24	-0.71	-0.72	-0.82	-1.37	-1.90	-1.16	-1.22	-1.44	-2.46	-1.19	-2.24	-0.92	-0.95	-1.03	-0.91	-0.98	-0.93
	-4.00	-3.03	-2.33	-3.04	-3.20	-2.42	-2.49	-1.62	-1.83	-1.01	-0.86	0.00	0.00	-0.07	0.11	-1.21	-1.05	-1.18	-2.04	-1.09	-0.53	-0.62	-0.23	0.00
PJM 61847	21.61	11.90	9.78	9.46	10.18	14.49	12.73	17.11	17.61	16.79	26.43	35.23	19.65	20.29	25.71	40.84	22.99	36.35	19.26	17.31	18.38	13.80	18.50	19.82
	0.12	0.03	0.02	-0.02	-0.02	0.10	0.08	0.21	0.16	0.22	0.51	0.76	0.36	0.33	0.45	0.59	0.28	0.49	0.08	0.15	0.29	0.26	0.39	0.40
	-13.94	-10.54	-8.14	-10.60	-11.15	-8.44	-8.66	-5.64	-6.35	-3.51	-3.01	0.03	0.14	0.09	-1.88	-4.13	-4.97	-4.09	-7.09	-3.62	-1.70	0.14	-2.07	0.00
WEST 61752	10.97	4.17	3.78	1.82	2.13	8.02	6.15	12.19	12.26	13.34	22.61	33.22	18.60	20.30	37.77	35.60	23.71	31.05	13.31	13.86	16.41	14.63	19.24	18.65
	-0.40	-0.05	-0.07	0.04	0.03	-0.24	-0.21	-0.63	-0.61	-0.67	-1.14	-1.36	-0.82	-0.89	-1.04	-1.92	-0.95	-1.87	-0.75	-0.75	-0.81	-0.76	-0.87	-0.78
	-3.82	-2.89	-2.23	-2.90	-3.05	-2.31	-2.38	-1.55	-1.77	-0.97	-0.83	-0.08	0.00	-1.15	-15.42	-1.39	-6.92	-1.14	-1.96	-1.06	-0.85	-1.71	-4.07	0.00