

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/22/2017

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	14.27	18.87	25.04	20.64	17.32	23.29	14.39	6.54	9.17	18.22	107.07	37.01	28.20	20.12	19.52	25.57	16.04	4.55	-6.05	9.09	15.75	1.81	13.60	15.90
61757	-0.09	0.22	-0.06	-0.02	0.20	0.26	0.51	0.42	0.60	1.19	6.69	2.34	1.81	1.31	1.24	1.64	0.99	0.29	-0.37	0.60	1.01	0.12	0.78	0.89
	-15.71	-15.04	-26.08	-21.04	-13.88	-19.18	-6.26	0.00	0.00	0.00	0.22	0.31	0.24	0.19	0.00	0.18	0.00	0.03	0.23	0.41	0.45	0.07	0.00	0.00
CENTRL	0.45	5.30	2.00	2.03	4.84	6.06	8.38	6.16	8.65	17.30	106.14	34.92	26.51	19.65	18.31	26.60	15.11	4.26	-5.76	8.41	14.68	2.40	12.92	15.10
61754	0.00	-0.03	0.00	0.00	0.01	0.01	0.03	0.04	0.07	0.12	1.42	0.31	0.16	0.06	0.03	0.06	0.01	0.01	-0.02	0.02	0.06	0.01	0.10	0.09
	-1.79	-1.72	-2.98	-2.41	-1.59	-2.20	-0.72	0.00	0.00	-0.14	-4.12	0.36	0.28	-0.60	0.00	-2.42	-0.06	0.04	0.29	0.52	0.57	-0.62	0.00	0.00
DUNWOD	9.93	14.86	18.03	15.01	13.68	18.23	12.93	6.72	9.43	18.76	110.53	38.52	29.31	20.92	20.13	26.60	16.58	4.73	-6.01	9.84	16.78	1.96	14.03	16.37
61760	-0.12	0.32	-0.08	-0.03	0.28	0.33	0.72	0.59	0.85	1.73	9.92	3.54	2.68	1.92	1.86	2.49	1.53	0.44	-0.55	0.93	1.58	0.19	1.22	1.36
	-11.40	-10.93	-19.10	-15.42	-10.16	-14.05	-4.58	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	0.11	4.79	1.40	1.53	4.36	5.43	7.92	5.90	8.25	16.36	98.07	33.75	25.55	18.12	17.39	22.69	14.22	4.05	-5.43	8.10	14.04	1.60	12.36	14.49
61753	0.05	-0.17	0.04	0.02	-0.13	-0.13	-0.27	-0.22	-0.32	-0.68	-2.54	-1.23	-1.08	-0.88	-0.88	-1.14	-0.76	-0.21	0.24	-0.43	-0.74	-0.10	-0.45	-0.51
	-1.41	-1.35	-2.34	-1.88	-1.24	-1.72	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.07	0.03	0.21	0.38	0.41	0.06	0.00	0.00
H Q	-1.32	3.54	-0.96	-0.37	3.18	3.72	7.38	5.92	7.99	16.44	78.90	7.79	6.24	2.90	17.67	8.63	14.40	1.69	-23.88	-25.32	-22.62	-3.88	12.39	14.52
61844	0.03	-0.07	0.02	0.01	-0.06	-0.12	-0.24	-0.20	-0.30	-0.59	-3.59	-1.23	-0.91	-0.63	-0.60	-0.83	-0.50	-0.15	0.19	-0.30	-0.53	-0.06	-0.42	-0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	18.11	25.96	19.48	15.46	0.00	14.66	0.15	2.45	18.62	33.92	37.29	5.58	0.00	0.00
HUD VL	10.05	14.94	18.12	15.08	13.71	18.28	12.92	6.69	9.41	18.72	110.35	38.45	29.24	20.87	20.09	26.54	16.54	4.73	-6.01	9.82	16.74	1.95	14.00	16.32
61758	-0.11	0.30	-0.08	-0.03	0.26	0.32	0.69	0.58	0.83	1.69	9.75	3.47	2.62	1.87	1.81	2.42	1.49	0.44	-0.55	0.91	1.55	0.19	1.18	1.31
	-11.52	-11.02	-19.18	-15.49	-10.21	-14.11	-4.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	12.83	20.40	23.30	19.64	19.67	25.93	40.34	6.91	9.71	19.32	113.66	39.67	30.14	21.57	20.78	48.71	78.07	40.83	-6.18	10.15	17.31	2.03	14.46	25.45
61762	-0.16	0.44	-0.12	-0.04	0.38	0.46	0.97	0.79	1.14	2.29	13.05	4.69	3.51	2.58	2.50	3.33	2.06	0.61	-0.73	1.24	2.11	0.26	1.65	1.88
	-14.34	-16.35	-24.40	-20.06	-16.04	-21.62	-31.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-21.27	-60.96	-35.94	0.00	0.00	-0.01	0.00	0.00	-8.57
MHK VL	0.53	5.49	2.24	2.23	5.00	6.24	8.54	6.28	8.82	17.56	101.88	33.18	25.27	17.84	18.83	23.22	15.49	4.14	-7.80	5.28	11.31	1.16	13.16	15.36
61756	-0.02	0.04	-0.01	0.00	0.05	0.06	0.16	0.16	0.24	0.53	3.40	1.12	0.87	0.61	0.56	0.76	0.46	0.13	-0.16	0.29	0.48	0.06	0.34	0.35
	-1.89	-1.84	-3.23	-2.61	-1.71	-2.34	-0.75	0.00	0.00	0.00	2.12	2.93	2.23	1.76	0.00	1.65	0.02	0.28	2.18	3.91	4.36	0.67	0.00	0.00
MILLWD	10.07	14.97	18.16	15.13	13.75	18.32	12.96	6.71	9.43	18.76	110.57	38.53	29.31	20.93	20.15	26.62	16.60	4.74	-6.02	9.85	16.79	1.96	14.04	16.36
61759	-0.12	0.31	-0.08	-0.03	0.27	0.33	0.72	0.59	0.85	1.73	9.96	3.55	2.69	1.93	1.87	2.51	1.55	0.45	-0.56	0.94	1.60	0.19	1.22	1.35
	-11.54	-11.04	-19.22	-15.53	-10.23	-14.14	-4.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	27.33	24.78	23.95	28.62	20.72	22.05	22.21	31.74	33.53	36.04	118.45	43.45	40.89	37.01	38.42	41.41	36.18	38.31	44.56	33.29	32.38	36.70	31.86	37.55
61761	-0.14	0.36	-0.10	-0.04	0.31	0.38	0.81	0.66	0.94	1.90	10.85	3.90	2.95	2.12	2.05	2.74	1.69	0.49	-0.61	1.03	1.76	0.22	1.37	1.53
	-28.82	-20.81	-25.03	-29.04	-17.16	-17.83	-13.78	-24.95	-24.01	-17.11	-6.99	-4.57	-11.31	-15.89	-18.10	-14.56	-19.44	-33.54	-50.62	-23.35	-15.42	-34.72	-17.67	-21.01
NORTH	-1.31	3.53	-0.95	-0.36	3.16	3.71	7.35	5.88	8.22	16.35	80.19	10.59	8.04	4.32	17.68	9.92	14.36	1.90	-22.12	-22.20	-19.29	-3.39	12.21	14.32
61755	0.04	-0.09	0.03	0.01	-0.09	-0.13	-0.28	-0.24	-0.36	-0.68	-3.96	-1.31	-0.88	-0.62	-0.60	-0.87	-0.56	-0.17	0.22	-0.34	-0.65	-0.09	-0.61	-0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.46	23.08	17.70	14.06	0.00	13.32	0.14	2.22	16.89	30.77	33.83	5.06	0.00	0.00
NPX	19.07	20.36	21.10	17.48	15.26	20.42	15.79	12.82	15.48	21.99	111.30	45.84	37.29	30.58	30.69	29.76	17.16	5.26	0.04	15.75	22.32	12.28	19.66	17.22
61845	-0.10	0.27	-0.07	-0.03	0.23	0.28	0.60	0.48	0.67	1.37	7.63	2.71	2.07	1.50	1.43	1.90	1.17	0.34	-0.42	0.70	1.20	0.14	0.95	1.10
	-20.53	-16.49	-22.16	-17.88	-11.79	-16.30	-7.57	-6.22	-6.23	-3.60	-3.06	-8.15	-8.59	-10.09	-10.98	-3.74	-0.94	-0.63	-5.92	-6.14	-5.92	-10.37	-5.89	-1.11

OH 61846	0.65	5.21	2.27	2.23	4.78	5.98	7.91	5.71	7.95	15.20	79.12	32.35	24.39	14.33	16.58	12.19	13.51	3.91	-5.02	8.13	13.86	-1.10	12.04	14.18
	0.08	-0.24	0.06	0.02	-0.17	-0.22	-0.48	-0.40	-0.62	-1.33	-5.88	-2.63	-2.23	-1.74	-1.69	-2.14	-1.40	-0.38	0.44	-0.78	-1.33	-0.18	-0.78	-0.83
	-1.92	-1.84	-3.20	-2.58	-1.70	-2.35	-0.77	0.00	0.00	0.51	15.60	0.00	0.00	2.93	0.00	9.78	0.14	0.00	0.00	0.00	0.00	2.69	0.00	0.00
PJM 61847	9.21	12.49	11.86	11.85	11.02	13.32	12.60	11.58	13.62	21.45	112.62	36.62	29.87	24.12	22.67	31.37	19.63	11.61	5.22	14.21	19.01	10.34	17.06	19.97
	-0.04	0.10	-0.03	-0.01	0.12	0.14	0.25	0.22	0.29	0.59	4.13	1.23	0.82	0.53	0.52	0.77	0.43	0.13	-0.18	0.29	0.51	0.07	0.50	0.55
	-10.60	-8.78	-12.87	-12.24	-7.65	-9.34	-4.72	-5.24	-4.76	-3.82	-7.88	-0.41	-2.42	-4.60	-3.88	-6.49	-4.16	-7.18	-10.85	-5.01	-3.31	-8.50	-3.75	-4.41
WEST 61752	0.57	5.17	2.14	2.13	4.74	5.92	7.98	5.81	8.10	17.81	152.71	32.96	24.84	28.24	16.85	52.82	13.57	3.96	-5.08	8.23	14.05	11.07	12.23	14.38
	0.06	-0.22	0.05	0.02	-0.14	-0.18	-0.38	-0.31	-0.48	-1.03	-3.84	-2.02	-1.79	-1.42	-1.42	-1.82	-1.22	-0.33	0.38	-0.68	-1.15	-0.16	-0.59	-0.63
	-1.85	-1.77	-3.07	-2.48	-1.63	-2.26	-0.74	0.00	0.00	-1.81	-55.94	0.00	0.00	-10.67	0.00	-30.53	0.27	0.00	0.00	0.00	0.00	-9.47	0.00	0.00