

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Zonal Data

05/07/2016

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	24.86	22.35	24.10	20.66	15.48	11.94	19.14	20.77	21.14	34.15	27.91	24.97	26.62	27.63	21.69	19.03	12.51	18.53	21.05	21.43	22.95	15.45	13.92	15.79
61757	0.10	0.19	-0.58	-0.28	-0.21	-0.16	0.36	0.35	0.92	-0.59	0.95	0.79	0.27	0.13	1.11	0.84	0.51	0.57	0.46	0.18	0.31	0.11	-0.24	-0.60
	-23.40	-19.48	-32.54	-24.65	-18.44	-14.25	-14.08	-15.88	-8.37	-42.43	-14.98	-14.23	-22.92	-25.82	-7.17	-7.93	-5.65	-10.70	-14.62	-18.93	-18.68	-13.90	-17.42	-24.37
CENTRL	5.22	5.88	-2.66	0.26	0.20	0.14	7.08	7.20	13.43	-0.84	14.66	12.46	7.25	5.91	14.80	11.71	7.39	9.10	8.42	5.43	7.05	3.72	-0.45	-4.08
61754	0.02	0.02	-0.13	-0.05	-0.04	-0.04	0.08	0.06	0.19	-0.18	0.19	0.15	0.05	0.03	0.22	0.17	0.12	0.12	0.07	0.03	0.04	0.02	-0.03	-0.08
	-3.85	-3.19	-5.32	-4.02	-3.01	-2.32	-2.30	-2.61	-1.39	-7.02	-2.48	-2.36	-3.77	-4.21	-1.16	-1.29	-0.91	-1.72	-2.37	-3.08	-3.05	-2.27	-2.85	-3.98
DUNWOD	20.55	18.80	17.74	15.93	11.93	9.20	16.68	17.97	20.02	25.84	25.57	22.72	22.47	22.86	20.89	17.98	11.68	16.79	18.54	17.99	19.62	12.92	10.57	11.26
61760	0.17	0.30	-0.86	-0.40	-0.30	-0.23	0.54	0.54	1.38	-0.91	1.43	1.21	0.42	0.20	1.65	1.26	0.71	0.81	0.66	0.25	0.44	0.16	-0.36	-0.92
	-19.03	-15.84	-26.46	-20.05	-15.00	-11.57	-11.44	-12.90	-6.79	-34.43	-12.16	-11.56	-18.61	-20.98	-5.82	-6.47	-4.61	-8.72	-11.91	-15.41	-15.22	-11.33	-14.19	-20.16
GENESE	4.20	5.01	-3.73	-0.62	-0.46	-0.36	6.39	6.40	12.67	-2.61	13.62	11.52	6.18	4.85	14.06	11.04	6.97	8.43	7.64	4.63	6.19	3.13	-1.03	-4.80
61753	-0.07	-0.08	0.09	0.04	0.02	0.01	-0.05	-0.08	-0.18	-0.01	-0.17	-0.15	-0.05	-0.03	-0.25	-0.20	-0.09	-0.16	-0.16	-0.06	-0.10	-0.04	0.06	0.14
	-2.91	-2.42	-4.04	-3.06	-2.29	-1.77	-1.75	-1.95	-1.01	-5.09	-1.80	-1.71	-2.80	-3.21	-0.89	-0.98	-0.70	-1.33	-1.83	-2.36	-2.33	-1.74	-2.18	-3.04
H Q	-0.65	2.61	-7.65	-3.62	-2.69	-2.08	4.57	4.42	11.52	-7.43	11.63	9.66	3.33	1.62	13.01	9.94	5.07	7.05	5.82	2.08	3.85	1.40	-3.19	-8.28
61844	-0.03	-0.06	0.21	0.09	0.07	0.06	-0.13	-0.12	-0.33	0.25	-0.36	-0.29	-0.10	-0.05	-0.41	-0.32	-0.20	-0.21	-0.16	-0.06	-0.10	-0.04	0.08	0.20
	1.98	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	1.09	0.00	0.00	0.18	0.00	0.00	0.00	0.51
HUD VL	20.09	18.41	17.20	15.50	11.61	8.96	16.37	17.62	19.75	25.13	25.17	22.35	22.00	22.36	20.60	17.71	11.52	16.53	18.22	17.62	19.24	12.65	10.26	10.70
61758	0.15	0.27	-0.79	-0.37	-0.28	-0.21	0.49	0.49	1.27	-0.83	1.31	1.11	0.38	0.19	1.50	1.14	0.66	0.75	0.61	0.24	0.41	0.15	-0.32	-0.84
	-18.58	-15.47	-25.85	-19.59	-14.65	-11.31	-11.18	-12.60	-6.64	-33.64	-11.88	-11.30	-18.19	-20.50	-5.69	-6.31	-4.50	-8.52	-11.64	-15.05	-14.87	-11.06	-13.85	-19.51
LONGIL	20.58	18.87	17.58	15.85	11.85	9.15	24.48	30.85	37.23	38.84	26.33	22.99	22.59	22.90	21.30	18.23	11.77	16.94	18.66	18.03	19.67	12.93	10.49	11.05
61762	0.19	0.35	-1.03	-0.49	-0.38	-0.29	0.69	0.67	1.74	-1.14	1.78	1.47	0.52	0.25	2.06	1.51	0.81	0.96	0.77	0.29	0.49	0.17	-0.43	-1.15
	-19.03	-15.84	-26.46	-20.05	-15.00	-11.57	-19.09	-25.65	-23.64	-47.66	-12.56	-11.56	-18.63	-20.98	-5.83	-6.47	-4.60	-8.72	-11.91	-15.41	-15.22	-11.33	-14.19	-20.18
MHK VL	5.67	6.44	-1.88	0.91	0.71	0.51	7.55	7.73	13.85	-0.19	15.09	12.83	7.62	6.33	15.11	11.98	7.55	9.38	8.74	5.75	7.40	3.94	-0.23	-3.73
61756	0.04	0.07	-0.24	-0.11	-0.08	-0.07	0.15	0.17	0.45	-0.31	0.43	0.34	0.12	0.06	0.43	0.32	0.20	0.22	0.17	0.07	0.12	0.04	-0.09	-0.23
	-4.28	-3.69	-6.22	-4.73	-3.56	-2.72	-2.69	-3.03	-1.56	-7.80	-2.69	-2.54	-4.07	-4.60	-1.27	-1.41	-1.00	-1.90	-2.60	-3.36	-3.31	-2.47	-3.13	-4.48
MILLWD	20.57	18.83	17.77	15.95	11.95	9.21	16.70	18.00	20.06	25.88	25.63	22.77	22.51	22.89	20.93	18.01	11.70	16.83	18.58	18.02	19.65	12.95	10.58	11.12
61759	0.17	0.29	-0.87	-0.41	-0.30	-0.23	0.54	0.54	1.41	-0.92	1.47	1.24	0.43	0.21	1.68	1.28	0.73	0.83	0.67	0.26	0.45	0.16	-0.36	-0.93
	-19.05	-15.86	-26.49	-20.07	-15.02	-11.59	-11.46	-12.91	-6.80	-34.48	-12.18	-11.58	-18.64	-21.01	-5.83	-6.47	-4.61	-8.73	-11.93	-15.43	-15.24	-11.34	-14.21	-20.03
N.Y.C.	20.56	18.82	17.70	15.91	11.92	9.19	16.72	18.01	20.09	25.81	25.63	22.77	22.49	22.86	20.95	17.99	11.64	16.82	18.57	18.00	19.64	12.93	10.56	11.25
61761	0.18	0.30	-0.91	-0.42	-0.32	-0.25	0.57	0.57	1.45	-0.93	1.49	1.26	0.44	0.21	1.72	1.31	0.74	0.84	0.68	0.26	0.46	0.17	-0.37	-0.95
	-19.03	-15.84	-26.46	-20.05	-15.00	-11.57	-11.44	-12.90	-6.79	-34.43	-12.16	-11.56	-18.61	-20.98	-5.82	-6.43	-4.54	-8.72	-11.91	-15.41	-15.22	-11.33	-14.19	-20.18
NORTH	1.31	2.60	-7.61	-3.59	-2.67	-2.06	4.54	4.39	11.46	-7.38	11.55	9.59	3.30	1.60	12.84	9.82	6.08	6.97	5.76	2.24	3.82	1.39	-3.18	-7.74
61755	-0.05	-0.07	0.25	0.12	0.09	0.07	-0.17	-0.15	-0.39	0.30	-0.43	-0.37	-0.13	-0.07	-0.57	-0.44	-0.28	-0.29	-0.21	-0.08	-0.14	-0.05	0.08	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
NPX	22.36	20.28	20.47	17.95	13.44	10.36	17.68	19.05	20.44	29.35	26.47	23.60	24.19	24.85	22.47	18.60	11.56	17.60	19.78	19.55	21.29	14.24	12.31	13.03
61845	0.12	0.23	-0.70	-0.34	-0.25	-0.20	0.42	0.43	1.12	-0.74	1.15	0.97	0.34	0.16	1.51	1.15	0.53	0.60	0.49	0.19	0.32	0.12	-0.27	-0.66
	-20.87	-17.38	-29.03	-21.99	-16.45	-12.70	-12.55	-14.09	-7.48	-37.77	-13.34	-12.68	-20.42	-23.01	-7.55	-7.19	-4.67	-9.74	-13.31	-17.03	-17.01	-12.69	-15.85	-21.67

OH 61846	5.38	5.98	-2.12	0.61	0.46	0.35	7.11	7.18	12.99	-0.22	14.28	12.17	7.35	6.14	14.31	11.33	7.22	8.91	8.31	5.57	7.08	3.83	-0.11	-3.51
	-0.08	-0.09	0.04	0.01	0.00	0.00	-0.05	-0.14	-0.33	0.03	-0.33	-0.28	-0.09	-0.04	-0.36	-0.32	-0.13	-0.23	-0.24	-0.09	-0.18	-0.06	0.08	0.17
	-4.10	-3.41	-5.69	-4.31	-3.23	-2.49	-2.46	-2.78	-1.47	-7.43	-2.62	-2.49	-4.01	-4.51	-1.25	-1.39	-0.99	-1.88	-2.58	-3.34	-3.30	-2.45	-3.08	-4.30
PJM 61847	15.09	14.20	10.54	10.39	7.79	6.00	13.25	14.10	17.53	16.45	21.55	18.95	17.03	16.84	18.58	15.64	9.02	14.01	14.90	13.35	15.13	9.66	6.71	5.41
	0.10	0.17	-0.58	-0.27	-0.20	-0.15	0.34	0.31	0.81	-0.58	0.84	0.70	0.25	0.12	0.99	0.75	0.45	0.49	0.38	0.14	0.24	0.09	-0.21	-0.55
	-13.64	-11.35	-18.97	-14.37	-10.75	-8.30	-8.20	-9.25	-4.87	-24.71	-8.73	-8.30	-13.35	-15.04	-4.17	-4.63	-2.22	-6.25	-8.55	-10.88	-10.93	-8.13	-10.19	-13.94
WEST 61752	4.80	5.53	-3.00	-0.03	-0.02	-0.02	6.82	6.83	12.88	-1.36	14.05	11.93	6.84	5.54	14.22	11.19	7.12	8.67	7.98	5.12	6.65	3.50	-0.57	-4.18
	-0.09	-0.08	-0.06	-0.04	-0.05	-0.03	0.00	-0.11	-0.24	-0.10	-0.20	-0.18	-0.06	-0.03	-0.28	-0.27	-0.09	-0.21	-0.22	-0.08	-0.16	-0.05	0.04	0.10
	-3.54	-2.94	-4.92	-3.73	-2.79	-2.15	-2.13	-2.40	-1.27	-6.42	-2.27	-2.16	-3.47	-3.90	-1.08	-1.20	-0.85	-1.62	-2.23	-2.88	-2.85	-2.12	-2.65	-3.71