

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/02/2017

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	31.86	25.55	26.75	32.36	33.27	32.95	26.63	106.49	28.33	29.76	36.55	39.46	45.23	61.42	65.18	34.08	29.37	32.97	34.67	45.12	61.29	41.81	28.72	25.98
61757	-0.34	-0.19	-0.19	-0.24	-0.24	-0.03	0.77	-50.68	1.76	-2.45	-1.15	-2.61	1.40	3.09	3.65	0.10	-1.79	-2.43	-1.80	-1.27	0.22	-1.66	-1.70	-0.27
	-37.57	-28.65	-30.00	-36.31	-37.23	-33.43	-14.56	-938.64	-1.31	-67.91	-53.99	-78.14	-24.46	-14.24	-8.22	-32.30	-57.64	-70.48	-62.09	-65.00	-57.82	-68.71	-57.18	-30.60
CENTRL	-1.76	-0.12	-0.11	-0.16	-0.09	2.87	12.87	22.01	25.89	18.26	15.46	23.31	35.49	46.00	54.37	13.94	5.43	2.92	8.14	-1.45	12.07	1.01	1.59	3.48
61754	-0.12	-0.05	-0.06	-0.09	-0.10	-0.02	0.25	-18.61	0.50	-0.68	-0.25	-0.49	0.23	0.44	0.32	0.01	-0.28	-0.36	-0.31	-0.29	0.07	-0.55	-0.60	-0.11
	-3.73	-2.84	-3.00	-3.64	-3.73	-3.34	-1.31	-822.09	-0.12	-54.64	-32.01	-59.88	-15.90	-1.46	-0.73	-12.25	-32.20	-38.36	-34.08	-17.45	-8.74	-26.80	-28.95	-7.94
DUNWOD	20.14	16.68	17.47	21.12	21.72	22.74	22.96	60.38	29.31	25.81	29.86	38.54	50.69	60.86	70.70	28.52	20.25	21.28	24.97	28.33	44.88	26.94	18.46	18.18
61760	-0.65	-0.34	-0.34	-0.42	-0.43	-0.05	1.39	-96.74	3.12	-4.57	-2.08	-4.65	2.44	5.47	6.69	0.22	-3.58	-4.74	-3.35	-2.38	0.42	-3.22	-3.50	-0.56
	-26.15	-19.93	-20.87	-25.25	-25.88	-23.24	-10.26	-938.59	-0.92	-66.08	-48.24	-79.26	-28.89	-11.30	-10.70	-26.62	-50.31	-61.10	-53.95	-49.32	-41.21	-55.41	-48.71	-23.10
GENESE	-2.21	-0.42	-0.45	-0.59	-0.52	2.49	12.61	49.21	25.00	19.56	15.90	24.75	34.85	44.51	52.53	13.57	6.09	3.72	8.68	-1.70	11.21	0.94	1.72	3.14
61753	-0.19	-0.06	-0.08	-0.11	-0.11	-0.03	0.11	7.33	-0.37	0.63	0.35	1.00	-0.35	-0.85	-1.41	-0.04	0.75	0.89	0.61	0.19	-0.01	0.00	-0.07	-0.09
	-3.35	-2.55	-2.67	-3.23	-3.31	-2.96	-1.19	-823.35	-0.11	-54.64	-31.85	-59.83	-15.84	-1.27	-0.63	-11.94	-31.83	-37.91	-33.70	-16.73	-7.96	-26.17	-28.55	-7.58
H Q	-5.23	-2.85	-2.98	-3.62	-3.64	-0.35	11.03	-648.00	24.70	-27.36	-11.71	-27.04	21.05	43.13	52.20	3.04	-21.79	-29.43	-20.70	-16.51	3.58	-21.55	-22.59	-3.50
61844	0.14	0.06	0.07	0.08	0.09	0.01	-0.28	19.10	-0.57	0.83	0.38	0.84	-0.45	-0.96	-1.11	-0.03	0.58	0.78	0.59	0.44	-0.08	0.62	0.66	0.11
	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	-114.37	0.00	-7.52	-4.20	-8.20	-2.14	0.00	0.00	-1.39	-4.11	-4.87	-4.34	-1.67	-0.41	-3.08	-3.50	-0.74
HUD VL	20.17	16.69	17.49	21.14	21.75	22.74	22.83	67.63	29.06	26.15	30.03	34.04	43.15	59.35	64.84	28.25	20.53	21.67	25.21	28.50	44.82	27.15	18.72	18.22
61758	-0.59	-0.31	-0.32	-0.39	-0.40	-0.04	1.27	-88.76	2.86	-4.18	-1.90	-4.24	2.24	5.03	6.12	0.20	-3.26	-4.31	-3.06	-2.17	0.39	-2.97	-3.19	-0.51
	-26.13	-19.92	-20.85	-25.24	-25.87	-23.23	-10.26	-937.85	-0.93	-66.04	-48.23	-74.35	-21.54	-10.24	-5.41	-26.38	-50.27	-61.06	-53.90	-49.28	-41.19	-55.36	-48.67	-23.08
LONGIL	20.04	16.61	17.39	21.03	21.60	31.31	23.36	37.05	30.03	24.97	29.48	40.65	51.16	61.96	74.95	31.06	20.07	20.37	28.41	101.42	73.18	26.64	33.19	27.89
61762	-0.74	-0.41	-0.42	-0.52	-0.56	-0.06	1.74	-120.11	3.84	-5.70	-2.55	-5.70	2.94	6.52	8.19	0.28	-4.35	-5.73	-4.08	-2.93	0.51	-3.94	-4.31	-0.69
	-26.15	-19.94	-20.87	-25.26	-25.89	-31.82	-10.31	-938.63	-0.92	-66.38	-48.32	-82.43	-28.87	-11.35	-13.44	-29.11	-50.91	-61.17	-58.13	-122.97	-69.42	-55.81	-64.26	-32.93
MHK VL	-2.26	-0.50	-0.50	-0.62	-0.61	2.37	12.34	3.95	26.29	16.95	13.98	21.77	35.47	46.59	55.28	13.59	4.52	1.64	7.18	-2.74	11.05	0.02	1.05	3.10
61756	-0.13	-0.06	-0.07	-0.08	-0.09	0.00	0.40	-31.65	0.97	-1.37	-0.62	-1.32	0.56	1.30	1.54	0.04	-0.77	-1.00	-0.76	-0.56	0.11	-0.76	-0.73	-0.10
	-3.24	-2.48	-2.61	-3.17	-3.20	-2.82	-0.63	-817.07	-0.05	-54.03	-30.90	-59.15	-15.55	-1.20	-0.42	-11.87	-31.78	-37.72	-33.58	-16.43	-7.69	-26.03	-28.53	-7.55
MILLWD	20.45	16.90	17.69	21.37	21.98	22.97	23.04	61.86	29.30	25.93	30.07	36.46	47.36	60.54	68.36	28.70	20.49	21.60	25.23	28.79	45.37	27.35	18.75	18.40
61759	-0.63	-0.33	-0.34	-0.41	-0.42	-0.05	1.37	-95.58	3.10	-4.52	-2.05	-4.61	2.42	5.42	6.65	0.22	-3.55	-4.70	-3.33	-2.37	0.42	-3.22	-3.46	-0.55
	-26.45	-20.14	-21.07	-25.50	-26.13	-23.46	-10.36	-938.92	-0.93	-66.15	-48.42	-77.14	-25.57	-11.02	-8.39	-26.80	-50.53	-61.38	-54.19	-49.78	-41.70	-55.81	-48.96	-23.30
N.Y.C.	20.08	16.65	17.45	21.09	21.69	22.73	23.06	54.25	29.52	28.47	30.38	38.30	50.79	61.21	71.21	28.88	24.98	21.45	24.78	28.18	44.89	26.72	18.21	18.14
61761	-0.69	-0.36	-0.36	-0.44	-0.46	-0.05	1.49	-103.44	3.33	-4.86	-2.21	-4.93	2.59	5.81	7.08	0.24	-3.78	-5.03	-3.53	-2.51	0.45	-3.43	-3.74	-0.60
	-26.14	-19.93	-20.86	-25.25	-25.87	-23.23	-10.26	-939.16	-0.93	-69.04	-48.88	-79.31	-28.84	-11.30	-10.82	-26.96	-55.24	-61.55	-53.94	-49.31	-41.20	-55.39	-48.70	-23.09
NORTH	-5.89	-3.37	-3.54	-4.29	-4.33	-1.07	10.66	-538.83	24.50	-20.18	-7.97	-19.18	22.80	42.61	51.73	3.97	-18.29	-25.23	-16.85	-15.69	2.87	-19.14	-19.22	-3.18
61755	0.19	0.08	0.08	0.11	0.10	0.01	-0.36	19.32	-0.74	0.99	0.52	1.11	-0.63	-1.22	-1.46	-0.03	0.69	0.99	0.87	0.67	-0.14	0.97	1.07	0.20
	0.71	0.55	0.57	0.69	0.71	0.63	0.29	-223.32	0.03	-14.54	-7.81	-15.79	-4.07	0.26	0.13	-2.32	-7.50	-8.85	-7.90	-2.26	0.24	-5.13	-6.47	-0.96
NPX	25.06	20.39	21.14	25.81	26.53	27.06	24.38	95.77	29.79	28.03	33.02	38.38	46.50	60.45	66.60	30.81	24.51	26.72	29.43	35.56	51.66	34.48	22.81	21.49
61845	-0.49	-0.26	-0.27	-0.33	-0.34	-0.05	0.99	-65.92	2.26	-3.22	-1.51	-3.45	1.86	4.10	4.95	0.15	-2.52	-3.38	-2.43	-1.71	0.29	-2.31	-2.44	-0.41
	-30.91	-23.57	-24.46	-29.85	-30.60	-27.56	-12.08	-943.16	-2.27	-66.95	-50.82	-77.91	-25.28	-12.25	-8.34	-28.98	-53.52	-65.18	-57.48	-55.88	-48.11	-62.02	-52.00	-26.25

OH 61846	-1.06	0.42	0.43	0.47	0.57	3.38	12.48	96.66	23.66	22.28	17.65	27.72	34.06	42.36	49.70	14.17	8.51	6.87	11.19	0.84	12.56	3.57	3.85	4.02
	-0.03	0.03	0.02	-0.01	0.00	-0.02	-0.37	46.09	-1.75	2.61	1.28	3.10	-1.44	-3.38	-4.44	-0.13	2.18	2.81	2.04	1.19	-0.18	1.20	1.02	0.06
	-4.34	-3.31	-3.47	-4.19	-4.30	-3.84	-1.55	-832.04	-0.14	-55.37	-32.66	-60.70	-16.14	-1.64	-0.82	-12.62	-32.82	-39.14	-34.77	-18.26	-9.49	-27.61	-29.59	-8.31
PJM 61847	6.11	14.89	27.03	24.74	25.26	24.95	32.33	85.39	26.05	23.26	21.70	28.11	35.78	48.77	54.68	19.13	12.44	11.29	15.54	10.04	23.74	11.24	8.34	8.86
	-0.26	-0.12	-0.12	-0.17	-0.17	-0.02	0.36	-19.36	0.37	-0.48	-0.14	-0.24	0.16	0.28	0.21	0.02	-0.35	-0.49	-0.32	-0.33	0.09	-0.76	-1.06	-0.20
	-11.74	-17.92	-30.20	-28.62	-29.16	-25.43	-20.66	-886.22	-0.41	-59.44	-38.14	-64.43	-16.26	-4.40	-1.15	-17.44	-39.28	-46.86	-41.49	-28.98	-20.40	-37.24	-36.15	-13.41
WEST 61752	-1.16	0.36	0.36	0.39	0.48	3.33	12.60	87.12	23.97	21.73	17.35	27.16	34.33	42.96	50.36	14.12	8.07	6.29	10.75	0.39	12.42	3.02	3.34	3.86
	-0.10	-0.01	-0.02	-0.06	-0.05	-0.03	-0.25	37.63	-1.43	2.16	1.08	2.64	-1.13	-2.73	-3.75	-0.10	1.85	2.38	1.73	0.92	-0.14	0.82	0.63	-0.01
	-4.31	-3.28	-3.43	-4.15	-4.26	-3.81	-1.54	-830.97	-0.14	-55.28	-32.56	-60.59	-16.10	-1.60	-0.80	-12.54	-32.71	-38.99	-34.65	-18.08	-9.31	-27.44	-29.46	-8.22