

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/07/2017

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL	24.68	27.74	31.42	23.09	23.01	12.63	70.91	101.06	42.79	60.69	29.73	30.68	29.85	34.23	24.75	35.34	43.29	60.01	54.71	41.82	35.29	71.22	44.73	43.55
61757	-1.15	0.53	0.69	0.89	0.71	0.02	3.79	5.29	-0.68	3.41	1.51	1.24	1.11	0.10	0.92	0.22	-1.78	1.58	-1.75	0.06	1.33	-1.95	-1.74	-1.88
	-45.14	-17.94	-18.64	-6.27	-10.00	-12.55	-4.48	-12.46	-53.95	-2.61	-4.24	-9.00	-11.57	-32.67	-10.25	-31.79	-71.47	-35.47	-81.02	-41.14	-14.41	-101.25	-73.23	-74.72
CENTRL	-14.97	11.14	14.04	16.68	13.40	1.32	64.32	86.86	-2.01	56.44	25.31	22.40	19.49	6.75	15.59	8.53	-15.66	29.25	-12.43	7.27	22.59	-12.63	-15.62	-18.03
61754	-0.11	0.09	0.11	0.12	0.11	0.02	1.23	1.55	-0.24	1.35	0.65	0.51	0.46	0.06	0.36	0.10	-0.71	0.64	-0.73	0.04	0.72	-0.76	-0.57	-0.70
	-4.45	-1.78	-1.85	-0.62	-0.99	-1.24	-0.44	-2.01	-8.71	-0.42	-0.69	-1.46	-1.86	-5.24	-1.65	-5.11	-11.45	-5.66	-12.86	-6.61	-2.31	-16.22	-11.71	-11.96
DUNWOD	12.25	23.23	26.79	21.83	20.62	9.30	71.72	101.16	32.35	62.46	30.10	30.01	28.60	28.28	23.52	29.65	28.79	54.44	38.61	34.20	33.63	51.30	30.22	28.61
61760	-1.69	0.75	0.98	1.28	0.96	0.00	5.78	7.71	-1.13	5.66	2.67	2.24	2.00	0.19	1.58	0.42	-3.05	2.59	-2.87	0.07	2.34	-3.10	-2.69	-2.99
	-33.25	-13.21	-13.72	-4.61	-7.37	-9.24	-3.30	-10.16	-43.96	-2.13	-3.46	-7.34	-9.43	-26.63	-8.35	-25.91	-58.24	-28.91	-66.04	-33.51	-11.73	-82.48	-59.67	-60.89
GENESE	-15.20	10.39	13.16	15.92	12.71	1.07	61.84	82.95	-3.64	54.14	24.17	21.21	18.40	5.50	14.72	7.22	-17.25	27.06	-14.43	5.74	21.35	-15.41	-17.38	-19.90
61753	0.62	-0.27	-0.37	-0.50	-0.36	0.03	-1.15	-1.89	0.18	-0.85	-0.33	-0.33	-0.20	-0.02	-0.14	-0.04	0.29	-0.29	0.15	0.02	0.01	0.14	0.32	0.15
	-3.49	-1.39	-1.44	-0.48	-0.77	-0.97	-0.35	-1.54	-6.65	-0.32	-0.53	-1.12	-1.43	-4.04	-1.27	-3.94	-8.85	-4.40	-9.98	-5.09	-1.79	-12.54	-9.07	-9.25
H Q	-17.80	9.05	11.80	15.56	12.00	-0.91	60.87	77.36	-10.21	53.21	23.28	19.86	16.64	1.41	13.14	3.21	-25.54	22.22	-28.30	0.75	21.59	-27.16	-26.02	-28.43
61844	0.45	-0.21	-0.28	-0.38	-0.30	-0.01	-1.77	-2.38	0.27	-1.46	-0.69	-0.57	-0.54	-0.05	-0.45	-0.12	0.85	-0.73	0.84	-0.03	-0.72	0.92	0.73	0.86
	-1.07	0.00	0.00	0.00	0.00	0.96	0.00	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.57	-0.16	-2.76	0.00	0.00	0.00
HUD VL	11.87	23.12	26.68	21.82	20.59	9.22	71.93	101.46	32.07	62.60	30.10	29.99	28.53	28.10	23.46	29.48	28.42	54.29	38.15	33.99	33.56	50.73	29.79	28.17
61758	-1.69	0.77	1.01	1.32	1.00	0.00	6.02	8.06	-1.15	5.82	2.69	2.26	1.99	0.18	1.58	0.41	-3.04	2.62	-2.91	0.07	2.34	-3.12	-2.72	-3.01
	-32.87	-13.08	-13.59	-4.57	-7.30	-9.15	-3.27	-10.09	-43.70	-2.12	-3.44	-7.29	-9.37	-26.46	-8.30	-25.74	-57.86	-28.72	-65.62	-33.29	-11.66	-81.93	-59.27	-60.47
LONGIL	11.76	23.47	27.09	22.24	20.92	9.31	73.16	102.71	32.06	63.95	30.97	32.61	37.14	36.71	31.12	38.01	31.70	55.12	37.90	34.23	34.27	50.51	50.76	27.72
61762	-2.18	0.99	1.28	1.69	1.26	0.01	7.22	9.26	-1.42	7.15	3.45	2.96	2.61	0.24	2.02	0.53	-3.94	3.27	-3.58	0.10	2.98	-3.89	-3.50	-3.87
	-33.24	-13.21	-13.72	-4.61	-7.36	-9.24	-3.30	-10.15	-43.96	-2.13	-3.54	-9.23	-17.36	-35.01	-15.52	-34.16	-62.04	-28.91	-66.04	-33.51	-11.73	-82.48	-81.01	-60.88
MHK VL	-15.18	11.29	14.28	16.91	13.63	1.42	65.08	88.26	-1.62	57.16	25.62	22.74	19.86	7.24	15.87	8.98	-14.96	30.06	-12.14	7.67	22.77	-11.81	-15.01	-16.98
61756	-0.38	0.18	0.22	0.30	0.25	0.00	1.97	2.80	-0.39	2.05	0.92	0.74	0.66	0.06	0.51	0.13	-1.02	0.94	-0.98	0.03	0.76	-0.93	-0.79	-0.79
	-4.52	-1.85	-1.97	-0.67	-1.08	-1.35	-0.47	-2.15	-9.25	-0.45	-0.74	-1.57	-2.04	-5.72	-1.77	-5.53	-12.46	-6.18	-13.40	-7.02	-2.46	-17.20	-12.53	-13.11
MILLWD	12.54	23.37	26.93	21.89	20.72	9.38	71.98	101.55	32.62	62.64	30.17	30.10	28.69	28.44	23.59	29.82	29.11	54.70	38.96	34.42	33.77	51.77	30.55	28.95
61759	-1.72	0.77	0.99	1.30	0.98	0.00	6.00	8.02	-1.15	5.83	2.72	2.29	2.03	0.19	1.60	0.42	-3.10	2.65	-2.95	0.07	2.40	-3.17	-2.75	-3.03
	-33.57	-13.34	-13.86	-4.66	-7.44	-9.33	-3.33	-10.22	-44.25	-2.14	-3.48	-7.39	-9.49	-26.79	-8.40	-26.07	-58.60	-29.10	-66.47	-33.73	-11.81	-83.03	-60.05	-61.26
N.Y.C.	12.09	23.30	26.89	21.96	20.70	9.30	72.30	101.85	32.26	62.96	30.34	30.24	29.20	28.30	25.03	30.58	28.50	54.67	38.36	34.21	33.89	51.01	30.00	28.37
61761	-1.86	0.82	1.08	1.42	1.04	-0.01	6.36	8.39	-1.22	6.16	2.91	2.47	2.21	0.21	1.74	0.46	-3.35	2.81	-3.13	0.07	2.59	-3.40	-2.91	-3.23
	-33.25	-13.21	-13.73	-4.61	-7.37	-9.24	-3.30	-10.16	-43.96	-2.13	-3.46	-7.34	-9.81	-26.63	-9.70	-26.79	-58.25	-28.91	-66.05	-33.52	-11.74	-82.49	-59.67	-60.89
NORTH	-18.77	8.98	11.69	15.40	11.86	0.00	60.43	80.73	-10.19	52.87	23.10	19.64	16.42	1.38	12.97	3.14	-25.30	21.98	-27.41	0.56	18.30	-26.84	-25.81	-27.97
61755	0.53	-0.29	-0.39	-0.53	-0.44	-0.06	-2.21	-2.57	0.29	-1.80	-0.87	-0.79	-0.75	-0.09	-0.62	-0.19	1.09	-0.97	1.11	-0.06	-1.25	1.24	0.95	1.32
	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	3.95	0.00	0.00	0.00	0.00	0.00
NPX	19.40	25.71	29.26	21.95	22.07	10.19	70.90	96.83	37.06	59.72	31.32	30.96	29.10	31.57	24.07	32.67	36.78	56.63	57.39	34.50	37.09	60.38	38.20	38.82
61845	-1.31	0.58	0.75	0.97	0.77	0.00	4.26	5.89	-0.79	3.95	1.78	1.51	1.35	0.12	1.12	0.27	-2.16	1.88	-2.07	0.06	1.61	-2.29	-2.06	-2.27
	-40.02	-15.86	-16.43	-5.05	-9.00	-10.13	-4.00	-7.64	-48.33	-1.11	-5.56	-9.02	-10.58	-29.99	-9.37	-29.07	-65.34	-31.80	-84.03	-33.82	-15.93	-90.75	-67.02	-70.38

OH	-13.49	10.72	13.45	15.78	12.74	1.44	59.75	80.21	-0.86	52.27	23.46	20.82	18.29	6.86	14.71	8.49	-13.28	27.73	-9.92	7.50	21.42	-10.29	-13.61	-16.28
61846	1.09	-0.43	-0.59	-0.81	-0.61	0.06	-3.36	-5.18	0.58	-2.83	-1.22	-1.12	-0.82	-0.07	-0.59	-0.16	1.16	-1.16	1.14	0.00	-0.54	0.86	0.89	0.51
	-4.73	-1.88	-1.95	-0.66	-1.05	-1.32	-0.47	-2.09	-9.05	-0.44	-0.71	-1.51	-1.94	-5.47	-1.72	-5.32	-11.96	-5.94	-13.51	-6.88	-2.41	-16.94	-12.25	-12.50
PJM	-0.75	16.66	19.83	18.83	16.59	4.11	66.44	88.09	14.99	58.01	27.05	25.56	23.49	17.21	19.12	18.74	6.65	40.96	13.14	20.55	30.37	19.10	7.22	5.07
61847	-0.45	0.27	0.34	0.41	0.32	0.03	2.01	2.38	-0.40	2.09	1.04	0.81	0.78	0.08	0.63	0.17	-1.21	1.01	-1.12	0.05	1.15	-1.35	-1.12	-1.45
	-19.00	-7.13	-7.41	-2.49	-3.98	-4.02	-1.78	-2.42	-25.87	-1.25	-2.04	-4.32	-5.55	-15.66	-4.91	-15.24	-34.26	-17.01	-38.82	-19.87	-9.67	-48.53	-35.10	-35.82
WEST	-13.88	10.73	13.47	15.87	12.78	1.39	60.47	81.17	-1.37	53.13	23.80	21.06	18.47	6.67	14.85	8.33	-14.09	27.81	-10.83	7.25	21.65	-11.35	-14.41	-17.16
61752	0.88	-0.34	-0.48	-0.69	-0.52	0.06	-2.62	-4.14	0.41	-1.95	-0.86	-0.82	-0.57	-0.05	-0.39	-0.12	0.80	-0.85	0.75	0.01	-0.22	0.44	0.57	0.13
	-4.54	-1.80	-1.87	-0.63	-1.01	-1.26	-0.45	-2.01	-8.69	-0.42	-0.68	-1.45	-1.87	-5.27	-1.65	-5.12	-11.50	-5.71	-12.99	-6.62	-2.32	-16.29	-11.77	-12.01