

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/29/2019

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	33.01	25.86	17.47	31.05	28.73	25.04	39.24	23.49	29.28	34.30	42.21	50.95	39.65	112.98	31.76	22.79	15.76	40.14	29.23	25.31	30.91	24.28	21.95	23.53
61757	2.15	1.83	0.23	0.95	1.99	1.18	2.01	1.46	1.75	2.16	2.76	3.34	2.46	6.91	2.03	1.35	1.04	2.63	2.21	1.85	2.25	1.85	1.60	1.65
	-2.02	-0.85	-14.33	-17.67	0.00	-8.06	-9.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	46.34	28.94	3.25	17.25	31.53	18.47	53.10	26.89	32.94	39.77	55.75	57.56	48.79	137.40	36.33	23.66	16.45	50.72	29.02	25.60	35.21	23.42	25.08	24.19
61754	0.83	0.50	0.05	0.27	0.54	0.28	0.75	0.59	1.01	1.24	1.63	1.87	1.45	5.44	0.88	0.75	0.49	1.32	0.96	0.90	1.16	0.54	0.49	0.38
	-16.67	-5.26	-0.28	-4.56	-4.24	-2.40	-24.32	-4.27	-4.39	-6.40	-14.67	-8.09	-10.15	-25.89	-6.12	-3.43	-1.24	-11.90	-1.05	-1.25	-5.38	-0.46	-4.23	-1.93
DUNWOD	33.15	30.96	39.34	33.93	29.21	23.26	37.02	24.20	30.21	35.37	43.66	66.59	62.03	170.01	143.41	487.16	115.93	46.39	29.69	25.63	31.32	24.58	22.32	23.92
61760	2.77	2.21	0.27	1.13	2.47	1.43	2.50	2.17	2.67	3.23	4.21	5.20	4.02	11.41	3.27	2.01	1.51	3.85	2.67	2.17	2.66	2.16	1.96	2.04
	-1.54	-5.57	-36.16	-20.38	0.00	-6.04	-6.50	0.00	0.00	0.00	0.00	-13.78	-20.82	-52.53	-110.79	-465.68	-99.70	-5.04	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	38.67	26.22	3.12	15.00	29.02	17.09	41.55	24.62	30.79	36.98	49.35	54.28	44.42	123.02	33.56	22.18	15.98	47.58	28.89	25.25	32.70	23.05	23.16	23.07
61753	0.45	0.14	0.00	0.02	-0.03	-0.05	0.18	0.24	0.81	1.31	1.85	2.22	1.77	6.61	1.02	0.91	0.62	1.56	0.93	0.87	1.15	0.38	0.30	-0.04
	-9.38	-2.89	-0.20	-2.55	-2.31	-1.35	-13.34	-2.35	-2.44	-3.54	-8.04	-4.45	-5.46	-10.34	-3.20	-1.79	-0.65	-8.51	-0.95	-0.92	-2.89	-0.24	-2.50	-1.23
H Q	27.77	22.64	2.80	11.96	25.86	15.22	25.75	21.27	26.62	31.05	38.08	45.96	58.21	102.35	199.32	-1.42	14.23	41.27	26.94	22.73	26.51	7.59	19.41	21.42
61844	-1.06	-0.83	-0.11	-0.47	-0.98	-0.57	-1.02	-0.75	-0.92	-1.09	-1.37	-1.64	-1.22	-3.72	-0.97	-0.65	-0.49	-1.22	-0.91	-0.76	-0.97	-0.70	-0.64	-0.68
	0.00	-0.29	0.00	0.00	-0.09	0.00	1.26	0.00	0.00	0.00	0.00	0.00	-22.25	0.00	-170.95	20.24	0.00	-4.99	-0.84	-0.03	1.19	14.14	0.30	-0.23
HUD VL	32.88	21.54	-7.88	20.81	29.00	23.09	36.74	23.98	29.95	35.08	43.34	64.05	58.53	161.13	125.32	390.34	95.40	45.21	29.53	25.50	31.18	24.45	22.17	23.73
61758	2.53	2.01	0.25	1.03	2.26	1.32	2.28	1.96	2.41	2.95	3.89	4.78	3.69	10.50	3.02	1.88	1.42	3.60	2.51	2.05	2.52	2.03	1.80	1.85
	-1.52	3.66	11.04	-7.35	0.00	-5.98	-6.43	0.00	0.00	0.00	0.00	-11.67	-17.65	-44.57	-92.96	-368.98	-79.27	-4.11	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	34.20	31.81	38.90	34.28	30.50	25.05	37.95	25.76	30.90	35.69	43.84	66.85	62.24	171.47	143.92	487.55	132.87	46.79	29.92	25.78	31.44	24.63	22.35	24.03
61762	3.18	2.60	0.34	1.33	2.85	1.61	2.60	2.35	3.06	3.59	4.43	5.45	4.20	12.79	3.61	2.14	1.65	4.24	2.91	2.33	2.78	2.20	1.99	2.15
	-2.19	-6.03	-35.65	-20.53	-0.91	-7.65	-7.32	-1.39	-0.31	0.03	0.05	-13.80	-20.86	-52.61	-110.98	-465.94	-116.51	-5.05	0.00	0.00	0.00	0.00	0.00	0.00
MHK VL	29.81	23.33	2.44	14.15	27.31	16.97	29.47	22.58	28.34	33.13	40.71	50.06	39.89	116.31	37.73	50.54	21.94	39.06	27.90	24.23	29.61	23.10	20.96	22.42
61756	0.75	0.47	0.06	0.27	0.57	0.33	0.63	0.55	0.80	1.00	1.26	1.53	1.25	3.78	0.90	0.62	0.47	1.21	0.88	0.77	0.95	0.68	0.60	0.54
	-0.23	0.33	0.53	-1.46	0.00	-0.86	-0.82	0.00	0.00	0.00	0.00	-0.93	-1.44	-6.46	-7.49	-30.45	-6.75	-0.35	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	33.05	27.99	24.53	29.90	29.11	23.25	36.98	24.10	30.10	35.27	43.56	66.33	61.72	169.25	142.03	477.36	114.02	46.27	29.67	25.59	31.27	24.53	22.27	23.84
61759	2.66	2.12	0.26	1.08	2.37	1.37	2.39	2.08	2.57	3.13	4.11	5.09	3.92	11.20	3.22	1.99	1.49	3.81	2.65	2.14	2.61	2.11	1.90	1.96
	-1.56	-2.68	-21.36	-16.39	0.00	-6.09	-6.56	0.00	0.00	0.00	0.00	-13.63	-20.60	-51.98	-109.47	-455.89	-97.81	-4.96	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	33.69	31.27	38.45	33.82	29.52	23.44	37.31	24.46	30.59	38.67	43.96	67.02	62.37	170.56	143.72	485.65	114.66	49.54	32.35	25.72	31.53	25.11	24.73	26.22
61761	3.06	2.43	0.30	1.26	2.77	1.60	2.78	2.43	2.99	3.55	4.57	5.63	4.33	11.91	3.46	2.07	1.58	4.14	2.86	2.33	2.87	2.35	2.18	2.26
	-1.80	-5.65	-35.24	-20.13	0.00	-6.05	-6.50	0.00	-0.07	-2.99	0.06	-13.79	-20.85	-52.57	-110.92	-464.10	-98.36	-7.91	-2.48	0.07	0.00	-0.33	-2.19	-2.08
NORTH	27.32	22.03	2.75	11.73	25.34	15.00	26.61	21.05	26.41	30.85	37.82	45.67	35.84	101.76	28.21	18.73	14.14	36.08	25.96	22.67	27.58	21.73	19.69	21.11
61755	-1.51	-1.16	-0.16	-0.70	-1.40	-0.78	-1.41	-0.98	-1.12	-1.29	-1.63	-1.94	-1.36	-4.31	-1.13	-0.75	-0.57	-1.43	-1.06	-0.79	-1.08	-0.69	-0.67	-0.76
	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	32.59	26.99	20.94	30.20	28.18	23.94	36.35	23.50	29.17	34.11	41.97	56.51	41.38	134.21	225.99	196.30	-124.91	45.56	37.56	24.92	29.12	23.91	21.41	31.79
61845	1.98	1.67	0.21	0.90	1.89	1.12	1.88	1.48	1.64	1.97	2.51	3.07	2.23	5.92	1.77	1.10	0.80	2.05	1.74	1.43	1.74	1.54	1.41	1.58
	-1.78	-2.14	-17.82	-16.87	0.45	-7.03	-6.45	0.00	0.00	0.00	0.00	-5.83	-1.96	-22.22	-194.88	-175.72	140.43	-6.01	-8.80	-0.03	1.29	0.05	0.36	-8.33

OH	-15.33	8.80	3.14	1.88	15.18	10.00	-34.25	11.05	16.71	16.30	1.37	27.10	10.85	58.69	13.22	10.80	11.59	3.59	23.89	20.10	14.77	20.90	8.70	16.71
61846	0.07	-0.21	-0.04	-0.13	-0.35	-0.26	-0.06	-0.04	0.53	0.90	1.29	1.39	1.02	5.10	0.14	0.43	0.19	0.47	0.10	0.25	0.52	-0.31	-0.24	-0.67
	44.23	14.18	-0.27	10.41	11.20	5.53	62.22	10.93	11.35	16.73	39.38	21.89	27.35	52.48	16.25	9.11	3.32	34.38	3.23	3.61	14.41	1.21	11.42	4.50
PJM	49.56	29.03	-10.07	19.13	32.44	22.00	58.88	27.44	33.57	40.67	57.45	66.22	82.88	160.73	263.32	191.22	59.94	58.15	35.47	32.25	45.85	25.80	31.97	32.62
61847	1.57	1.12	0.13	0.58	1.26	0.70	1.45	1.19	1.65	2.05	2.74	3.24	2.43	8.11	1.67	1.18	0.80	2.07	1.46	1.26	1.67	1.00	0.95	0.81
	-19.16	-4.73	13.11	-6.12	-4.45	-5.51	-29.40	-4.22	-4.38	-6.48	-15.26	-15.38	-43.26	-46.55	-232.32	-170.56	-44.42	-18.58	-7.00	-7.53	-15.53	-2.37	-10.66	-9.93
WEST	186.31	72.29	3.20	50.39	65.53	35.81	253.14	60.11	67.88	91.66	177.65	125.87	133.72	295.66	86.33	51.90	26.77	151.88	58.09	61.18	120.77	34.40	84.17	69.39
61752	0.78	0.31	0.02	0.14	0.22	0.07	0.57	0.49	1.31	1.91	2.54	2.89	2.19	8.62	1.00	1.03	0.63	1.58	0.87	0.91	1.38	0.33	0.33	-0.13
	-156.69	-48.80	-0.27	-37.82	-38.56	-19.96	-224.55	-37.59	-39.03	-57.62	-135.66	-75.37	-94.34	-180.97	-56.00	-31.38	-11.41	-112.79	-30.20	-36.81	-90.74	-11.65	-63.48	-47.65