

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/13/2019

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	16.98	18.65	18.32	12.76	4.11	12.67	27.65	31.72	30.09	28.13	23.20	31.74	27.02	20.37	19.44	20.80	27.88	26.54	24.98	19.08	9.43	16.46	17.65	-76.13
61757	1.13	1.22	1.11	0.77	0.24	0.75	1.50	1.98	2.03	1.95	1.29	1.67	1.67	1.24	1.23	1.38	1.77	1.79	1.35	1.08	0.47	1.14	1.18	-4.38
	0.00	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.29	-6.62	0.00	0.00	0.00	0.00	0.00	0.00	-5.59	-4.67	-3.00	-0.54	0.00	0.00
CENTRL	16.34	17.98	17.72	12.36	3.98	12.31	27.06	31.04	29.38	27.22	21.82	30.02	26.34	19.90	18.90	20.22	27.16	25.79	23.58	17.92	6.72	15.42	17.04	-74.19
61754	0.48	0.63	0.51	0.36	0.11	0.38	0.92	1.30	1.32	1.04	0.69	0.92	0.99	0.77	0.69	0.81	1.05	1.05	0.77	0.61	0.26	0.56	0.57	-2.44
	0.00	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.52	-5.66	0.00	0.00	0.00	0.00	0.00	0.00	-4.77	-3.98	-0.49	-0.08	0.00	0.00
DUNWOD	17.53	19.13	18.83	13.07	4.21	12.95	28.31	32.60	30.89	28.88	22.75	31.32	28.01	21.18	20.16	21.52	28.93	27.51	24.55	18.59	8.75	16.78	18.16	-76.78
61760	1.68	1.80	1.62	1.07	0.34	1.02	2.17	2.86	2.83	2.70	1.87	2.54	2.66	2.05	1.95	2.10	2.81	2.76	2.55	1.50	0.65	1.62	1.70	-5.03
	0.00	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.27	-5.34	0.00	0.00	0.00	0.00	0.00	0.00	-4.50	-3.76	-2.14	-0.39	0.00	0.00
GENESE	16.06	17.73	17.47	12.19	3.93	12.17	26.85	30.83	29.16	26.98	21.65	29.77	26.10	19.72	18.70	20.01	26.89	25.53	23.44	17.79	6.56	15.07	16.66	-72.88
61753	0.20	0.38	0.26	0.20	0.06	0.24	0.71	1.08	1.10	0.79	0.50	0.64	0.75	0.59	0.49	0.59	0.78	0.78	0.60	0.46	0.18	0.23	0.19	-1.13
	0.00	-0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.54	-5.68	0.00	0.00	0.00	0.00	0.00	0.00	-4.79	-4.00	-0.41	-0.07	0.00	0.00
H Q	15.33	15.97	16.70	11.66	3.77	11.61	25.49	28.77	27.05	25.28	11.67	17.22	24.49	18.46	17.56	18.70	25.18	23.80	12.81	8.99	5.69	14.23	15.93	-69.94
61844	-0.53	-0.61	-0.51	-0.34	-0.11	-0.32	-0.65	-0.97	-1.01	-0.91	-0.64	-0.83	-0.85	-0.67	-0.65	-0.72	-0.94	-0.94	-0.69	-0.54	-0.23	-0.55	-0.55	1.81
	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.31	5.39	0.00	0.00	0.00	0.00	0.00	0.00	4.55	3.80	0.04	0.00	0.00	0.00
HUD VL	17.37	18.96	18.67	12.97	4.17	12.85	28.09	32.33	30.61	28.64	22.60	31.11	27.71	20.96	19.96	21.30	28.64	27.23	24.39	18.48	8.69	16.60	17.98	-76.41
61758	1.51	1.63	1.46	0.97	0.30	0.92	1.95	2.59	2.55	2.45	1.68	2.27	2.36	1.82	1.75	1.88	2.53	2.48	1.80	1.35	0.58	1.44	1.51	-4.66
	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.31	-5.39	0.00	0.00	0.00	0.00	0.00	0.00	-4.54	-3.79	-2.14	-0.39	0.00	0.00
LONGIL	26.89	34.54	38.16	22.72	47.53	27.16	35.64	42.00	35.04	35.50	38.83	34.37	33.16	21.43	20.37	21.66	29.23	27.87	26.27	19.79	8.83	17.75	18.41	-79.93
61762	2.13	2.29	2.14	1.30	0.43	1.28	2.73	3.55	3.46	3.28	2.20	2.95	3.15	2.30	2.15	2.24	3.12	3.12	2.30	1.74	0.72	1.86	1.94	-6.04
	-8.90	-15.29	-18.81	-9.43	-43.24	-13.95	-6.76	-8.71	-3.52	-6.04	-20.02	-7.98	-4.67	0.00	0.00	0.00	0.00	0.00	-5.92	-4.72	-2.14	-1.12	0.00	2.15
MHK VL	16.16	17.59	17.46	12.18	3.94	12.14	26.67	30.63	29.04	27.01	20.74	28.66	25.98	19.57	18.58	19.85	26.68	25.34	22.30	16.88	6.60	15.27	16.93	-73.63
61756	0.30	0.32	0.25	0.18	0.06	0.21	0.52	0.88	0.98	0.83	0.44	0.62	0.64	0.44	0.37	0.44	0.57	0.59	0.45	0.39	0.18	0.42	0.46	-1.88
	0.00	-0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.69	-4.60	0.00	0.00	0.00	0.00	0.00	0.00	-3.80	-3.16	-0.45	-0.08	0.00	0.00
MILLWD	17.47	19.06	18.76	13.03	4.19	12.89	28.18	32.44	30.73	28.74	22.66	31.20	27.86	21.07	20.05	21.40	28.77	27.36	24.46	18.52	8.74	16.69	18.07	-76.52
61759	1.61	1.72	1.55	1.03	0.32	0.96	2.03	2.70	2.67	2.56	1.77	2.41	2.51	1.94	1.84	1.98	2.66	2.61	1.90	1.42	0.61	1.53	1.59	-4.77
	0.00	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.27	-5.35	0.00	0.00	0.00	0.00	0.00	0.00	-4.51	-3.77	-2.17	-0.39	0.00	0.00
N.Y.C.	17.72	19.33	19.03	13.20	4.25	13.07	28.58	32.93	31.20	29.16	22.96	31.62	28.33	29.88	48.09	32.08	36.96	36.71	36.75	30.18	30.45	26.58	27.72	44.16
61761	1.86	2.00	1.82	1.20	0.37	1.14	2.44	3.19	3.14	2.98	2.08	2.84	2.98	2.30	2.17	2.35	3.15	3.07	2.23	1.68	0.72	1.79	1.90	-5.63
	0.00	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.27	-5.34	0.00	-8.44	-27.70	-10.31	-7.70	-8.90	-16.47	-15.17	-23.76	-10.02	-9.36	-121.55
NORTH	14.95	15.33	16.31	11.41	3.70	11.41	25.06	28.27	26.57	24.88	8.78	13.64	23.93	17.92	16.97	18.09	24.33	23.02	9.61	6.44	5.51	13.85	15.67	-69.75
61755	-0.90	-1.04	-0.90	-0.58	-0.17	-0.52	-1.08	-1.47	-1.49	-1.30	-1.06	-1.32	-1.42	-1.21	-1.25	-1.33	-1.78	-1.72	-1.28	-0.92	-0.38	-0.92	-0.80	2.00
	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.78	8.49	0.00	0.00	0.00	0.00	0.00	0.00	7.16	5.98	0.07	0.00	0.00	0.00
NPX	23.99	21.15	18.58	18.51	13.54	17.71	28.59	32.03	30.29	32.93	31.11	37.35	30.30	20.29	19.72	20.86	27.73	28.19	26.83	25.97	10.69	16.28	20.29	-72.55
61845	1.05	1.15	1.02	0.70	0.22	0.67	1.30	1.68	1.69	1.66	1.12	1.50	1.55	1.15	1.18	1.29	1.61	1.64	1.21	0.94	0.39	1.00	1.06	-3.94
	-7.08	-3.05	-0.36	-5.81	-9.45	-5.12	-1.14	-0.61	-0.55	-5.09	-13.37	-12.41	-3.41	0.00	-0.33	-0.15	0.00	-1.81	-7.58	-11.70	-4.34	-0.51	-2.76	-3.14

OH 61846	16.07	17.90	17.61	12.32	3.97	12.29	27.09	30.98	29.20	26.86	21.64	29.77	26.18	19.81	18.74	20.10	26.95	25.53	23.40	17.77	6.60	14.94	16.57	-45.53
	0.21	0.54	0.40	0.32	0.10	0.36	0.95	1.24	1.14	0.68	0.48	0.63	0.84	0.68	0.53	0.68	0.84	0.78	0.55	0.43	0.15	0.09	0.09	-1.31
	0.00	-0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.55	-5.69	0.00	0.00	0.00	0.00	0.00	0.00	-4.80	-4.01	-0.49	-0.08	0.00	-27.52
PJM 61847	16.75	18.52	18.20	13.16	13.72	12.61	27.66	31.73	29.95	27.72	22.28	30.66	27.04	21.08	21.41	21.53	28.46	27.10	24.89	19.05	9.17	16.54	18.04	-66.60
	0.89	1.17	0.99	0.69	0.22	0.69	1.51	1.98	1.89	1.54	1.11	1.52	1.70	1.34	1.20	1.36	1.79	1.71	1.18	0.90	0.38	0.85	0.91	-3.42
	0.00	-0.40	0.00	-0.48	-9.63	0.00	0.00	0.00	0.00	0.00	-4.55	-5.70	0.00	-0.61	-2.00	-0.75	-0.56	-0.64	-5.67	-4.82	-2.83	-0.91	-0.66	-8.57
WEST 61752	16.38	18.24	17.90	12.52	4.03	12.52	27.65	31.66	29.88	27.46	21.99	30.26	26.69	20.20	19.10	20.50	27.54	26.13	23.85	18.12	6.75	15.24	16.88	-74.62
	0.53	0.89	0.69	0.52	0.16	0.59	1.51	1.92	1.82	1.28	0.83	1.12	1.34	1.07	0.88	1.08	1.42	1.38	1.00	0.78	0.30	0.39	0.41	-2.87
	0.00	-0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.55	-5.69	0.00	0.00	0.00	0.00	0.00	0.00	-4.80	-4.01	-0.48	-0.08	0.00	0.00