

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/24/2019

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	24.61	19.73	16.38	16.24	14.91	16.41	22.59	25.26	22.56	25.41	22.12	19.03	19.21	18.11	16.78	18.31	20.07	19.62	19.98	20.54	18.70	15.04	13.97	14.99
61757	1.84	1.48	1.24	1.23	1.17	1.24	1.80	2.01	1.81	2.01	1.63	1.43	1.44	1.47	1.33	1.38	1.40	1.43	1.47	1.52	1.28	1.09	1.07	1.09
	-0.13	0.00	-0.17	-0.28	0.00	-1.24	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
CENTRL	22.93	18.48	15.19	14.99	13.99	14.42	21.61	25.70	21.93	25.50	22.09	18.28	18.57	17.12	16.11	17.70	19.91	18.79	19.20	19.71	19.30	14.51	13.42	14.23
61754	0.28	0.24	0.20	0.22	0.24	0.34	0.61	0.79	0.65	0.75	0.71	0.51	0.59	0.43	0.44	0.51	0.70	0.57	0.57	0.63	0.69	0.42	0.34	0.32
	-0.01	0.00	-0.02	-0.03	0.00	-0.14	-0.21	-1.66	-0.53	-1.34	-0.90	-0.16	-0.22	-0.05	-0.22	-0.27	-0.54	-0.02	-0.13	-0.05	-1.19	-0.13	-0.18	0.00
DUNWOD	25.25	20.11	16.59	16.34	15.00	16.28	23.03	25.76	23.00	25.93	22.76	19.61	19.79	18.58	17.26	18.90	20.82	20.32	20.65	21.15	19.30	15.43	14.29	15.30
61760	2.51	1.87	1.50	1.40	1.26	1.42	2.24	2.52	2.25	2.53	2.27	2.01	2.02	1.94	1.81	1.97	2.15	2.12	2.15	2.13	1.89	1.48	1.38	1.40
	-0.10	0.00	-0.13	-0.21	0.00	-0.93	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
GENESE	22.21	17.99	14.76	14.58	13.63	14.04	20.15	16.47	20.22	20.33	17.40	17.21	16.96	16.45	15.32	15.34	17.87	18.37	18.60	19.43	13.58	13.12	11.75	13.88
61753	-0.44	-0.25	-0.23	-0.18	-0.12	0.03	0.25	0.48	0.36	0.44	0.46	0.27	0.36	0.14	0.18	0.26	0.55	0.34	0.31	0.41	0.56	0.19	0.04	-0.02
	-0.01	0.00	-0.01	-0.02	0.00	-0.07	0.89	7.26	0.90	3.52	3.56	0.66	1.16	0.33	0.30	1.85	1.35	0.17	0.22	0.00	4.40	1.03	1.20	0.00
H Q	21.82	17.62	14.45	14.21	13.25	13.38	20.00	21.33	20.01	22.55	19.74	12.65	12.65	12.16	11.08	15.92	19.81	17.52	17.83	18.33	16.22	14.02	12.31	13.41
61844	-0.82	-0.63	-0.52	-0.53	-0.49	-0.56	-0.78	-0.85	-0.74	-0.85	-0.75	-0.63	-0.65	-0.60	-0.58	-0.62	-0.70	-0.67	-0.68	-0.69	-0.64	-0.48	-0.48	-0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	0.00	4.32	4.46	3.87	3.78	0.39	-1.83	0.00	0.00	0.00	0.56	-0.55	0.12	0.00
HUD VL	24.97	19.90	16.42	16.19	14.87	16.12	22.79	25.53	22.79	25.69	22.53	19.38	19.57	18.36	17.05	18.69	20.61	20.10	20.42	20.92	19.10	15.28	14.14	15.13
61758	2.23	1.65	1.32	1.25	1.13	1.26	2.00	2.28	2.04	2.28	2.04	1.78	1.81	1.72	1.60	1.76	1.93	1.90	1.92	1.90	1.68	1.32	1.23	1.23
	-0.09	0.00	-0.12	-0.21	0.00	-0.92	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
LONGIL	27.21	23.64	19.46	16.79	15.31	16.65	23.66	26.46	23.64	26.51	23.29	20.07	24.10	23.12	17.64	19.31	21.37	21.93	29.33	22.45	25.35	16.54	26.24	15.78
61762	3.15	2.37	1.89	1.84	1.56	1.78	2.87	3.21	2.89	3.11	2.80	2.46	2.46	2.36	2.19	2.39	2.70	2.60	2.77	2.71	2.49	1.96	1.81	1.87
	-1.42	-3.03	-2.60	-0.22	-0.01	-0.94	0.00	0.00	0.00	0.00	0.00	0.00	-3.87	-4.12	0.00	0.00	0.00	-1.14	-8.06	-0.71	-5.44	-0.63	-11.51	0.00
MHK VL	23.30	18.76	15.41	15.20	14.14	14.46	21.46	24.29	21.72	24.65	21.47	18.28	18.45	17.15	15.91	17.45	19.33	18.77	19.18	19.76	18.12	14.42	13.30	14.28
61756	0.64	0.52	0.42	0.43	0.39	0.38	0.67	0.83	0.74	0.90	0.77	0.63	0.66	0.51	0.47	0.52	0.59	0.58	0.62	0.71	0.65	0.46	0.40	0.38
	-0.01	0.00	-0.02	-0.03	0.00	-0.13	0.00	-0.21	-0.23	-0.35	-0.22	-0.04	-0.02	0.00	0.00	0.00	-0.07	0.00	-0.05	-0.02	-0.05	0.00	0.00	0.00
MILLWD	25.10	19.99	16.50	16.25	14.92	16.20	22.89	25.63	22.89	25.81	22.64	19.50	19.67	18.45	17.13	18.79	20.73	20.23	20.56	21.06	19.22	15.37	14.23	15.23
61759	2.36	1.75	1.40	1.31	1.18	1.32	2.10	2.39	2.14	2.41	2.15	1.89	1.90	1.81	1.69	1.87	2.05	2.03	2.06	2.04	1.81	1.41	1.32	1.33
	-0.10	0.00	-0.13	-0.21	0.00	-0.94	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
N.Y.C.	25.85	20.33	16.77	16.51	15.16	16.46	23.28	26.03	23.37	26.22	23.44	23.43	21.29	20.63	20.63	25.92	25.17	23.76	22.49	21.98	20.46	16.03	14.46	15.49
61761	2.80	2.09	1.67	1.57	1.41	1.59	2.50	2.78	2.50	2.81	2.53	2.23	2.27	2.16	2.03	2.19	2.40	2.37	2.40	2.38	2.12	1.66	1.56	1.59
	-0.41	0.00	-0.13	-0.21	0.00	-0.93	0.00	0.00	-0.12	0.00	-0.42	-3.59	-1.25	-1.83	-3.16	-6.80	-4.10	-3.20	-1.58	-0.58	-0.92	-0.42	0.00	0.00
NORTH	21.49	17.46	14.35	14.09	13.11	13.17	19.82	22.27	19.91	22.58	19.64	16.87	17.03	15.89	14.71	16.16	17.81	17.39	17.70	18.20	16.69	13.37	12.33	13.32
61755	-1.15	-0.79	-0.62	-0.64	-0.64	-0.77	-0.96	-0.98	-0.84	-0.81	-0.85	-0.74	-0.74	-0.74	-0.73	-0.77	-0.86	-0.80	-0.81	-0.82	-0.73	-0.59	-0.58	-0.58
	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	24.65	19.79	16.40	16.19	16.67	22.73	24.71	24.12	22.54	25.41	22.19	19.13	19.28	18.13	16.82	18.01	21.96	19.74	20.08	20.59	20.86	15.61	13.88	15.05
61845	1.96	1.55	1.29	1.22	1.14	1.22	1.81	1.99	1.79	2.01	1.70	1.52	1.52	1.49	1.37	1.47	1.50	1.55	1.57	1.56	1.35	1.10	1.09	1.14
	-0.05	0.00	-0.14	-0.24	-1.78	-7.57	-2.11	1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	-1.79	0.00	0.00	0.00	-2.10	-0.55	0.12	0.00

OH 61846	21.74	17.69	14.58	14.46	13.52	14.00	19.57	14.86	20.11	19.05	17.37	17.05	16.85	16.19	13.94	15.01	16.56	18.17	18.36	19.13	12.40	13.17	11.87	13.77
	-0.92	-0.55	-0.41	-0.31	-0.23	-0.04	0.14	0.35	0.13	0.20	0.29	0.01	0.11	-0.20	-0.08	0.02	0.42	0.11	0.05	0.10	0.46	0.06	-0.08	-0.14
	-0.01	0.00	-0.02	-0.03	0.00	-0.11	1.36	8.74	0.77	4.55	3.40	0.57	1.03	0.25	1.42	1.93	2.54	0.14	0.19	0.00	5.48	0.85	0.96	0.00
PJM 61847	23.65	19.00	15.71	15.54	14.39	15.36	24.92	41.62	23.73	33.94	29.02	20.11	21.22	18.24	19.00	22.34	23.91	19.91	20.16	20.20	32.21	17.36	16.59	14.66
	0.95	0.75	0.67	0.68	0.64	0.82	1.40	1.65	1.32	1.50	1.39	1.06	1.14	0.92	0.92	1.07	1.39	1.21	1.18	1.17	1.27	0.87	0.76	0.76
	-0.05	0.00	-0.07	-0.12	0.00	-0.60	-2.72	-16.72	-1.66	-9.04	-7.14	-1.44	-2.32	-0.68	-2.63	-4.34	-3.85	-0.50	-0.48	0.00	-13.52	-2.53	-2.93	0.00
WEST 61752	22.05	17.94	14.78	14.66	13.73	14.51	31.08	90.54	27.46	59.18	48.87	22.81	28.72	19.75	26.55	34.48	41.62	20.04	20.70	19.55	78.71	22.76	24.49	14.04
	-0.61	-0.31	-0.22	-0.11	-0.02	0.19	0.56	0.91	0.64	0.78	0.81	0.44	0.61	0.19	0.27	0.42	0.87	0.52	0.44	0.52	0.89	0.40	0.21	0.14
	-0.01	0.00	-0.02	-0.03	-0.01	-0.38	-9.72	-66.38	-6.07	-35.00	-27.57	-4.76	-10.34	-2.92	-10.83	-17.14	-22.07	-1.33	-1.75	0.00	-60.40	-8.41	-11.38	0.00