

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/09/2020

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	28.21	20.49	17.35	14.58	16.72	18.73	21.35	25.78	39.37	59.28	33.95	28.84	30.88	37.80	48.33	54.18	61.36	89.06	32.15	30.16	33.07	30.58	27.81	22.66
61757	1.30	1.26	1.29	1.04	1.20	1.41	1.66	1.80	1.54	-0.71	1.19	1.93	2.22	2.06	1.37	0.27	0.01	-0.76	2.10	2.33	2.52	2.24	2.02	1.64
	-11.44	-4.05	0.00	0.00	0.00	-0.42	0.00	-0.94	-22.50	-67.17	-20.02	-5.23	-4.26	-13.29	-31.96	-51.03	-61.21	-97.84	-3.15	0.00	0.00	0.00	0.00	0.00
CENTRL	17.08	15.80	16.17	13.61	15.64	17.09	19.95	23.53	20.08	5.86	16.99	23.51	26.02	26.01	22.32	19.03	17.94	19.60	28.46	28.46	32.19	28.90	26.35	21.65
61754	0.21	0.12	0.11	0.08	0.12	0.18	0.26	0.39	0.35	-0.15	0.38	0.65	0.80	0.76	0.54	0.09	0.01	-0.29	0.70	0.64	0.71	0.54	0.56	0.31
	-1.41	-0.50	0.00	0.00	0.00	0.00	0.00	-0.10	-4.41	-13.18	-3.87	-1.17	-0.82	-2.81	-6.77	-16.06	-17.80	-27.91	-0.88	0.00	-0.93	-0.02	-0.01	-0.32
DUNWOD	20.39	17.86	17.55	14.78	16.93	18.60	21.56	25.92	28.72	26.81	24.69	26.93	29.43	31.80	33.20	32.04	34.21	45.36	30.71	30.25	33.20	30.99	28.30	23.15
61760	1.54	1.48	1.49	1.25	1.41	1.57	1.88	2.24	1.74	-0.80	1.60	2.54	2.83	2.46	1.61	0.33	0.02	-0.80	2.18	2.42	2.65	2.65	2.52	2.13
	-3.39	-1.20	0.00	0.00	0.00	-0.12	0.00	-0.63	-11.65	-34.79	-10.35	-2.71	-2.20	-6.90	-16.58	-28.83	-34.05	-54.17	-1.64	0.00	0.00	0.00	0.00	0.00
GENESE	16.21	15.25	15.77	13.26	15.25	16.76	19.58	23.06	18.18	1.20	15.38	22.88	25.46	24.83	19.82	15.81	13.94	12.73	27.12	27.93	28.52	28.28	25.96	20.16
61753	-0.14	-0.25	-0.29	-0.28	-0.28	-0.15	-0.11	-0.06	0.03	-0.04	0.13	0.32	0.53	0.58	0.46	0.08	0.00	-0.20	0.33	0.10	0.23	0.00	0.19	-0.07
	-0.89	-0.31	0.00	0.00	0.00	0.00	0.00	-0.07	-2.82	-8.41	-2.50	-0.87	-0.53	-1.80	-4.35	-12.85	-13.79	-20.95	0.10	0.00	2.26	0.06	0.02	0.79
H Q	17.08	15.51	15.65	13.20	15.15	16.44	20.00	22.42	19.84	7.28	16.70	22.20	24.63	24.68	21.48	9.85	9.71	8.04	26.84	27.02	29.66	27.52	24.94	20.42
61844	-0.46	-0.41	-0.41	-0.33	-0.37	-0.47	-0.56	-0.62	-0.35	0.16	-0.36	-0.62	-0.69	-0.64	-0.43	-0.08	0.00	0.23	-0.73	-0.81	-0.89	-0.82	-0.80	-0.60
	-2.07	-0.73	0.00	0.00	0.00	0.00	-0.88	0.00	-4.86	-14.30	-4.32	-1.13	-0.92	-2.87	-6.91	-7.04	-9.58	-15.83	-0.68	0.00	0.00	0.00	0.04	0.00
HUD VL	20.55	17.79	17.35	14.62	16.74	18.42	21.32	25.62	28.82	27.72	24.68	26.66	29.11	31.63	33.32	32.40	34.57	46.06	30.48	29.98	32.90	30.64	27.96	22.84
61758	1.33	1.28	1.28	1.09	1.22	1.38	1.64	1.95	1.56	-0.73	1.39	2.22	2.47	2.17	1.43	0.29	0.02	-0.71	1.93	2.16	2.35	2.31	2.17	1.82
	-3.75	-1.33	0.00	0.00	0.00	-0.13	0.00	-0.63	-11.93	-35.63	-10.55	-2.76	-2.24	-7.02	-16.88	-29.22	-34.41	-54.78	-1.67	0.00	0.00	0.00	0.00	0.00
LONGIL	24.51	20.32	17.95	15.17	17.34	19.08	22.14	26.55	28.90	26.67	26.42	30.72	34.11	32.78	33.49	32.13	34.24	45.28	30.99	30.77	33.73	31.47	35.05	23.71
61762	1.99	1.92	1.89	1.63	1.81	2.05	2.45	2.87	1.91	-0.98	1.94	3.01	3.47	2.96	1.89	0.39	0.03	-0.92	2.45	2.94	3.18	3.03	3.02	2.69
	-7.06	-3.22	0.00	0.00	0.00	-0.12	0.00	-0.63	-11.66	-34.83	-11.73	-6.02	-6.24	-7.37	-16.60	-28.86	-34.07	-54.22	-1.65	0.00	0.00	-0.10	-6.24	0.00
MHK VL	21.40	17.54	16.53	13.91	15.97	17.41	20.35	24.03	31.59	39.38	27.55	26.46	28.72	33.37	39.47	41.36	46.21	64.81	30.42	29.07	31.92	29.51	26.78	21.76
61756	0.51	0.45	0.47	0.38	0.45	0.50	0.67	0.91	0.71	-0.36	0.65	1.06	1.27	1.13	0.73	0.14	0.01	-0.40	1.19	1.25	1.37	1.17	1.00	0.73
	-5.42	-1.91	0.00	0.00	0.00	0.00	0.00	-0.08	-15.55	-46.92	-14.15	-3.71	-3.05	-9.80	-23.73	-38.34	-46.05	-73.23	-2.34	0.00	0.00	0.00	0.00	0.00
MILLWD	20.47	17.83	17.45	14.70	16.83	18.50	21.44	25.78	28.85	27.48	24.79	26.86	29.33	31.79	33.41	32.45	34.74	46.26	30.61	30.12	33.05	30.81	28.13	23.01
61759	1.44	1.39	1.39	1.17	1.31	1.47	1.76	2.10	1.66	-0.76	1.51	2.42	2.68	2.32	1.53	0.32	0.02	-0.76	2.05	2.29	2.50	2.48	2.34	1.99
	-3.56	-1.26	0.00	0.00	0.00	-0.13	0.00	-0.64	-11.86	-35.43	-10.53	-2.75	-2.24	-7.02	-16.87	-29.25	-34.58	-55.04	-1.67	0.00	0.00	0.00	0.00	0.00
N.Y.C.	20.52	17.99	17.68	14.89	17.05	18.73	21.74	26.11	28.84	26.76	24.82	25.62	29.63	31.95	33.30	32.09	34.24	45.37	30.82	30.40	33.36	31.24	28.54	23.34
61761	1.66	1.61	1.61	1.36	1.53	1.71	2.05	2.44	1.85	-0.88	1.72	2.77	3.03	2.60	1.69	0.35	0.03	-0.83	2.29	2.57	2.81	2.90	2.76	2.32
	-3.39	-1.20	0.00	0.00	0.00	-0.12	0.00	-0.63	-11.66	-34.82	-10.36	-1.16	-2.21	-6.90	-16.60	-28.85	-34.07	-54.21	-1.65	0.00	0.00	0.00	0.00	0.00
NORTH	18.67	16.06	15.63	13.17	15.16	16.50	19.22	22.61	23.78	18.80	20.18	23.16	25.46	27.05	27.02	16.14	17.96	21.52	27.48	27.15	29.78	27.62	24.98	20.47
61755	-0.44	-0.41	-0.43	-0.36	-0.37	-0.40	-0.46	-0.43	-0.21	0.09	-0.26	-0.54	-0.58	-0.54	-0.36	-0.07	0.00	0.20	-0.64	-0.68	-0.77	-0.72	-0.81	-0.55
	-3.64	-1.29	0.00	0.00	0.00	0.00	0.00	0.00	-8.67	-25.89	-7.70	-2.01	-1.64	-5.15	-12.38	-13.33	-17.82	-29.33	-1.22	0.00	0.00	0.00	0.00	0.00
NPX	23.72	18.76	17.27	14.53	16.65	19.40	24.81	26.45	34.77	36.53	26.98	27.10	29.40	33.22	37.50	38.73	42.46	58.80	30.94	36.74	40.60	34.72	28.94	24.83
61845	1.22	1.18	1.21	1.00	1.13	1.32	1.53	1.73	1.50	-0.69	1.21	1.94	2.18	1.95	1.29	0.25	0.02	-0.64	1.67	1.88	2.08	2.01	1.90	1.64
	-7.04	-2.40	0.00	0.00	0.00	-1.18	-3.61	-1.67	-17.95	-44.39	-13.02	-3.46	-2.82	-8.82	-21.21	-35.59	-42.30	-67.46	-2.38	-7.04	-7.98	-4.37	-1.26	-2.17

OH 61846	15.86	14.86	15.35	12.90	14.86	16.34	19.01	22.81	17.92	2.07	15.07	20.80	24.50	23.96	19.47	16.05	14.39	13.29	25.14	26.57	23.99	27.04	25.17	18.40
	-0.53	-0.65	-0.72	-0.63	-0.67	-0.57	-0.68	-0.74	-0.44	0.18	-0.37	-0.54	-0.47	-0.41	-0.18	-0.05	-0.01	0.17	-0.91	-1.25	-1.10	-1.16	-0.58	-0.72
	-0.93	-0.33	0.00	0.00	0.00	0.00	0.00	-0.51	-3.03	-9.06	-2.69	0.35	-0.57	-1.93	-4.64	-13.21	-14.25	-21.14	0.84	0.00	5.46	0.14	0.04	1.90
PJM 61847	17.95	16.26	16.40	13.82	15.87	17.36	18.53	24.03	24.25	11.85	19.47	20.17	26.80	27.51	25.65	23.25	23.34	27.06	26.70	28.31	24.26	28.76	26.50	19.15
	0.45	0.37	0.34	0.28	0.35	0.40	0.47	0.66	0.61	-0.23	0.56	0.98	1.09	0.88	0.61	0.11	0.01	-0.28	0.50	0.48	0.60	0.60	0.81	0.53
	-2.03	-0.72	0.00	0.00	0.00	-0.06	1.62	-0.33	-8.31	-19.26	-6.17	2.49	-1.31	-4.18	-10.04	-20.26	-23.19	-35.35	0.69	0.00	6.90	0.17	0.09	2.40
WEST 61752	16.30	15.23	15.70	13.21	15.21	16.72	19.49	23.00	18.52	2.34	15.61	25.27	25.38	24.83	20.22	16.44	14.78	13.61	26.09	27.49	24.92	27.91	25.93	18.92
	-0.13	-0.29	-0.36	-0.33	-0.31	-0.19	-0.19	-0.14	0.00	0.00	0.04	0.20	0.37	0.37	0.35	0.04	0.00	-0.12	0.02	-0.34	-0.14	-0.29	0.18	-0.19
	-0.97	-0.34	0.00	0.00	0.00	0.00	0.00	-0.09	-3.19	-9.51	-2.83	-3.38	-0.60	-2.02	-4.86	-13.51	-14.63	-21.74	0.81	0.00	5.49	0.14	0.04	1.92