

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/22/2019

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	17.22	14.12	14.70	15.13	14.15	15.23	17.57	14.35	-34.65	21.45	27.42	30.63	26.61	28.53	32.30	49.95	39.27	35.42	40.40	41.30	37.78	17.69	21.19	16.82
61757	0.92	0.77	0.78	0.77	0.72	0.78	0.93	0.83	-1.96	1.28	1.56	1.46	1.33	1.55	1.56	1.70	0.45	0.03	-0.27	-0.08	-0.30	0.50	0.91	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	0.00	0.00	0.00	-4.76	-19.79	-31.71	-34.97	-44.72	-42.56	-42.62	-9.46	-5.35	0.00
CENTRL	16.44	13.48	14.06	14.53	13.61	14.76	17.14	13.88	-31.22	20.94	26.88	30.27	26.24	27.76	27.47	32.70	12.70	6.39	3.43	6.21	2.87	9.60	16.23	16.18
61754	0.15	0.13	0.13	0.17	0.18	0.31	0.51	0.36	-1.14	0.78	1.02	1.10	0.95	0.79	0.68	0.87	0.18	0.03	-0.08	-0.03	-0.13	0.20	0.35	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.83	0.00	0.00	0.00	0.00	0.00	-0.82	-3.38	-5.42	-5.94	-7.56	-7.42	-7.54	-1.67	-0.95	0.00
DUNWOD	17.46	14.27	14.82	15.28	14.18	15.37	18.03	14.67	-35.46	21.88	28.11	31.73	27.61	29.55	32.07	45.99	31.90	27.11	29.59	31.11	27.49	15.64	20.31	17.26
61760	1.16	0.92	0.90	0.92	0.75	0.91	1.39	1.15	-2.72	1.72	2.25	2.56	2.33	2.57	2.45	2.47	0.66	0.04	-0.37	-0.10	-0.43	0.71	1.30	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	-3.64	-15.06	-24.14	-26.64	-34.02	-32.39	-32.46	-7.21	-4.07	0.00
GENESE	15.74	12.90	13.43	13.94	13.14	14.35	16.68	11.30	-68.39	13.97	15.46	15.63	11.57	25.53	21.50	22.98	9.29	3.77	1.31	4.17	0.83	8.30	12.33	14.38
61753	-0.56	-0.45	-0.50	-0.42	-0.28	-0.10	0.04	-0.15	-0.49	0.32	0.43	0.39	0.11	-0.26	-0.30	-0.12	-0.08	0.02	0.08	0.01	0.07	-0.13	-0.29	-0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	35.00	6.52	10.83	13.93	13.82	1.19	4.18	5.35	-2.28	-3.33	-5.28	-5.34	-5.31	-0.71	2.30	1.08
H Q	15.99	13.09	13.68	14.11	13.19	14.17	16.13	13.11	-31.87	22.80	23.62	28.16	24.45	26.09	25.09	19.71	6.59	-3.66	-3.92	-1.15	-4.40	7.49	15.98	15.48
61844	-0.31	-0.26	-0.24	-0.25	-0.24	-0.29	-0.51	-0.41	1.04	-0.78	-1.01	-1.01	-0.83	-0.89	-0.89	-0.96	-0.24	-0.02	0.13	0.03	0.15	-0.24	-0.41	-0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.41	1.23	0.00	0.00	0.00	0.00	7.78	0.27	4.06	0.00	0.00	0.00	0.00	-1.46	0.00
HUD VL	17.34	14.18	14.74	15.20	14.11	15.30	17.92	14.58	-35.26	21.76	27.93	31.52	27.39	29.26	31.75	45.73	31.78	27.04	29.54	31.05	27.45	15.58	20.19	17.14
61758	1.04	0.83	0.82	0.84	0.68	0.84	1.28	1.06	-2.51	1.59	2.07	2.35	2.11	2.29	2.20	2.25	0.60	0.04	-0.34	-0.09	-0.40	0.66	1.20	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.01	-3.57	-15.02	-24.08	-26.58	-33.94	-32.32	-32.39	-7.19	-4.06	0.00
LONGIL	17.94	14.69	15.21	15.71	14.58	15.76	18.45	14.80	-35.70	22.23	28.51	32.33	28.29	30.41	33.05	46.54	32.11	27.15	29.50	31.11	27.39	15.83	20.81	17.82
61762	1.64	1.35	1.29	1.34	1.15	1.31	1.81	1.28	-2.95	2.06	2.65	3.17	3.01	3.31	3.00	3.01	0.85	0.06	-0.49	-0.12	-0.55	0.89	1.80	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	-0.13	-4.07	-15.07	-24.16	-26.66	-34.04	-32.41	-32.48	-7.21	-4.08	0.00
MHK VL	16.50	13.52	14.10	14.55	13.60	14.73	17.08	13.91	-33.88	20.73	26.62	30.07	25.99	27.66	27.35	32.36	12.37	6.04	3.05	5.69	2.27	9.44	16.11	16.13
61756	0.20	0.17	0.17	0.18	0.17	0.27	0.44	0.39	-1.00	0.57	0.77	0.91	0.71	0.68	0.62	0.69	0.16	0.01	-0.09	-0.02	-0.11	0.18	0.30	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	-0.76	-3.22	-5.11	-5.60	-7.18	-6.90	-6.92	-1.53	-0.88	0.00
MILLWD	17.40	14.23	14.78	15.24	14.14	15.32	17.97	14.62	-35.32	21.81	28.00	31.62	27.50	29.40	31.90	45.96	32.02	27.28	29.83	31.33	27.71	15.66	20.27	17.20
61759	1.10	0.88	0.86	0.87	0.71	0.87	1.33	1.10	-2.57	1.64	2.15	2.45	2.21	2.44	2.32	2.35	0.62	0.04	-0.36	-0.09	-0.42	0.69	1.25	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.01	-3.60	-15.16	-24.30	-26.82	-34.24	-32.60	-32.67	-7.25	-4.10	0.00
N.Y.C.	17.63	14.40	14.94	15.42	14.29	15.50	18.22	14.82	-35.84	22.04	28.32	31.98	27.85	29.98	32.89	45.80	31.96	27.13	29.58	31.12	27.47	15.71	20.43	17.40
61761	1.33	1.05	1.02	1.05	0.86	1.04	1.58	1.29	-3.09	1.87	2.46	2.81	2.57	2.84	2.68	2.68	0.70	0.04	-0.40	-0.10	-0.46	0.78	1.43	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	-0.17	-4.23	-14.67	-24.16	-26.66	-34.03	-32.41	-32.47	-7.21	-4.08	0.00
NORTH	15.92	13.04	13.62	14.05	13.17	14.14	16.09	13.19	-32.04	19.35	24.75	28.21	24.44	26.09	25.08	27.46	6.86	0.39	-3.93	-1.16	-4.39	7.50	14.52	15.37
61755	-0.38	-0.31	-0.30	-0.32	-0.26	-0.31	-0.55	-0.33	0.87	-0.82	-1.11	-0.96	-0.84	-0.88	-0.90	-0.99	-0.24	-0.03	0.12	0.03	0.16	-0.23	-0.41	-0.51
	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	17.80	14.04	14.62	15.03	14.01	15.03	17.32	14.15	-33.96	24.45	25.74	30.12	26.20	28.17	31.89	40.72	37.04	33.36	38.79	43.59	35.23	17.02	23.37	18.29
61845	0.84	0.69	0.70	0.66	0.58	0.58	0.68	0.63	-1.25	1.00	1.11	0.95	0.92	1.19	1.38	1.44	0.39	0.02	-0.24	-0.07	-0.25	0.41	0.80	0.86
	-0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-3.28	1.23	0.00	0.00	0.00	-4.54	-10.82	-29.55	-32.91	-43.08	-44.84	-40.02	-8.88	-7.63	-1.55

OH	15.56	12.78	13.31	13.86	13.08	14.27	16.51	13.10	-47.86	20.01	17.84	25.24	19.77	25.22	22.48	26.82	10.74	4.84	3.17	5.86	2.67	7.82	12.85	14.34
61846	-0.74	-0.57	-0.61	-0.51	-0.35	-0.18	-0.13	-0.42	0.01	0.09	0.11	0.03	-0.26	-0.81	-0.81	-0.45	-0.19	0.03	0.18	0.05	0.20	-0.33	-0.57	-0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.96	0.25	8.13	3.96	5.25	0.94	2.69	1.18	-3.83	-4.38	-7.03	-7.00	-7.01	-0.43	1.50	0.87
PJM	16.74	13.72	14.29	14.79	13.79	14.95	17.44	16.53	13.59	32.25	40.81	50.76	47.34	30.47	38.29	40.58	25.11	18.71	17.07	18.69	15.51	13.41	25.50	18.63
61847	0.44	0.37	0.37	0.43	0.36	0.50	0.80	0.54	-1.55	1.07	1.40	1.54	1.27	1.16	1.06	1.33	0.31	0.05	-0.13	-0.03	-0.16	0.27	0.55	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.48	-48.05	-11.01	-13.56	-20.06	-20.79	-2.34	-11.25	-10.79	-17.70	-18.23	-21.25	-19.90	-20.21	-5.41	-10.02	-2.18
WEST	15.94	13.08	13.63	14.19	13.39	14.62	16.96	19.29	110.31	38.58	63.84	82.55	86.24	32.96	52.93	73.53	20.69	11.47	4.28	5.94	3.17	11.46	32.27	20.35
61752	-0.36	-0.27	-0.29	-0.18	-0.04	0.17	0.32	-0.03	-1.12	0.83	1.07	1.10	0.65	0.10	0.05	0.53	0.04	0.06	0.06	0.02	0.07	-0.10	-0.12	-0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.81	-144.34	-17.58	-36.91	-52.29	-60.31	-5.89	-26.89	-44.55	-13.55	-10.99	-8.26	-7.10	-7.65	-3.83	-17.46	-4.72