

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/10/2019

Name	00:00	01:00	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	EST	EST	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	20.34	29.39	30.11	25.41	26.11	25.55	26.19	21.64	29.80	37.16	48.18	50.67	41.48	43.00	59.59	36.83	32.16	29.20	39.85	49.78	45.59	43.33	39.62
61757	1.21	0.89	1.21	1.55	1.40	1.47	1.10	1.31	1.85	2.07	1.64	1.04	1.12	1.56	4.35	2.06	2.35	1.80	0.58	1.32	1.64	1.16	0.99
	-4.03	-16.80	-13.11	-3.09	-6.01	-4.04	-9.95	-2.45	-2.16	-7.02	-25.05	-36.54	-26.20	-21.59	0.00	-8.77	0.00	-5.19	-32.28	-32.11	-22.81	-26.65	-24.88
CENTRL	15.83	13.95	17.67	21.36	19.63	20.72	16.50	18.27	26.13	28.91	24.73	17.77	17.51	22.69	55.74	27.34	30.10	23.10	11.14	20.59	24.18	18.93	16.95
61754	0.24	0.16	0.24	0.21	0.19	0.17	0.11	0.08	0.07	-0.03	0.08	0.10	0.06	0.12	0.49	0.23	0.30	0.24	0.11	0.21	0.18	0.09	0.11
	-0.50	-2.09	-1.64	-0.39	-0.75	-0.50	-1.24	-0.31	-0.27	-0.88	-3.15	-4.58	-3.29	-2.72	0.00	-1.10	0.00	-0.65	-4.04	-4.03	-2.86	-3.32	-3.09
DUNWOD	19.35	24.80	26.55	24.63	24.53	24.63	23.60	21.25	29.57	35.56	41.39	40.55	34.25	37.11	59.88	34.58	32.38	27.89	30.89	40.93	39.43	36.12	32.98
61760	1.35	0.98	1.30	1.64	1.49	1.67	1.28	1.60	2.21	2.43	1.83	1.13	1.19	1.69	4.63	2.25	2.57	1.94	0.62	1.43	1.85	1.39	1.25
	-2.91	-12.12	-9.45	-2.23	-4.34	-2.91	-7.17	-1.77	-1.56	-5.06	-18.06	-26.33	-18.89	-15.57	0.00	-6.32	0.00	-3.74	-23.28	-23.15	-16.45	-19.22	-17.99
GENESE	15.36	13.08	16.81	20.68	18.91	19.91	15.59	17.38	24.86	27.20	22.85	16.00	16.09	21.14	53.55	26.02	29.02	22.15	9.86	18.99	22.69	17.49	15.66
61753	-0.10	-0.15	-0.17	-0.36	-0.33	-0.50	-0.46	-0.72	-1.31	-1.51	-0.95	-0.45	-0.47	-0.69	-1.69	-0.78	-0.78	-0.53	-0.07	-0.29	-0.53	-0.45	-0.35
	-0.37	-1.53	-1.19	-0.28	-0.55	-0.37	-0.91	-0.22	-0.39	-0.64	-2.31	-3.36	-2.40	-1.98	0.00	-0.80	0.00	-0.47	-2.95	-2.93	-2.08	-2.43	-2.27
H Q	14.60	11.36	15.31	20.19	18.17	19.47	14.74	17.41	24.12	27.47	20.99	12.75	13.83	19.38	53.88	25.31	28.96	21.56	6.76	15.86	20.55	15.10	13.36
61844	-0.50	-0.34	-0.48	-0.57	-0.53	-0.58	-0.40	-0.47	-0.58	-0.60	-0.51	-0.34	-0.33	-0.47	-1.37	-0.70	-0.85	-0.65	-0.23	-0.50	-0.58	-0.41	-0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.09	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
HUD VL	19.27	24.80	26.52	24.54	24.46	24.54	23.56	21.16	29.49	35.49	41.44	40.67	34.31	37.12	59.65	34.51	32.25	27.81	31.00	41.01	39.43	36.13	32.91
61758	1.26	0.92	1.22	1.54	1.40	1.57	1.20	1.50	2.13	2.33	1.77	1.09	1.14	1.60	4.41	2.14	2.45	1.83	0.59	1.38	1.76	1.30	1.17
	-2.92	-12.19	-9.51	-2.24	-4.37	-2.93	-7.22	-1.78	-1.57	-5.10	-18.17	-26.49	-19.01	-15.67	0.00	-6.36	0.00	-3.77	-23.41	-23.28	-16.53	-19.31	-18.00
LONGIL	19.99	25.25	27.13	25.41	25.28	25.49	24.31	22.14	32.43	44.53	51.37	46.73	45.17	50.84	63.22	41.59	44.71	39.76	36.88	44.48	45.58	39.83	34.96
61762	1.99	1.42	1.88	2.41	2.24	2.54	1.99	2.49	3.51	3.87	2.95	1.82	1.91	2.71	7.30	3.55	4.04	3.06	0.99	2.11	2.85	2.17	1.97
	-2.91	-12.13	-9.46	-2.23	-4.34	-2.92	-7.18	-1.77	-3.13	-12.59	-26.93	-31.81	-29.10	-28.28	-0.68	-12.03	-10.86	-14.50	-28.90	-26.02	-21.60	-22.14	-19.25
MHK VL	16.09	14.32	18.03	21.80	20.15	21.29	17.07	18.86	27.06	30.09	25.85	18.65	18.18	23.42	57.14	28.08	30.88	23.69	11.46	21.10	24.83	19.51	17.45
61756	0.45	0.33	0.45	0.61	0.63	0.69	0.55	0.64	0.97	1.04	0.80	0.48	0.47	0.67	1.90	0.91	1.07	0.81	0.27	0.59	0.71	0.47	0.40
	-0.55	-2.28	-1.78	-0.42	-0.83	-0.56	-1.38	-0.34	-0.30	-0.98	-3.55	-5.08	-3.54	-2.90	0.00	-1.16	0.00	-0.68	-4.20	-4.16	-2.99	-3.52	-3.31
MILLWD	19.35	24.92	26.63	24.63	24.55	24.63	23.66	21.25	29.57	35.61	41.60	40.87	34.47	37.28	59.86	34.64	32.36	27.92	31.16	41.21	39.61	36.33	33.16
61759	1.32	0.96	1.28	1.61	1.46	1.65	1.26	1.58	2.21	2.42	1.83	1.13	1.19	1.67	4.61	2.23	2.55	1.92	0.61	1.43	1.83	1.37	1.23
	-2.94	-12.26	-9.56	-2.26	-4.39	-2.95	-7.26	-1.79	-1.58	-5.13	-18.28	-26.65	-19.12	-15.76	0.00	-6.40	0.00	-3.79	-23.55	-23.42	-16.64	-19.45	-18.18
N.Y.C.	19.47	24.89	26.67	24.79	24.65	24.78	23.71	21.38	29.67	35.71	41.51	40.64	34.34	37.24	60.19	34.73	32.56	28.02	30.94	41.02	39.53	36.21	33.07
61761	1.46	1.06	1.41	1.79	1.61	1.82	1.39	1.73	2.34	2.58	1.94	1.21	1.27	1.81	4.94	2.40	2.75	2.07	0.65	1.50	1.93	1.46	1.32
	-2.91	-12.12	-9.46	-2.23	-4.34	-2.92	-7.18	-1.77	-1.54	-5.07	-18.08	-26.35	-18.91	-15.58	0.00	-6.33	0.00	-3.74	-23.29	-23.16	-16.46	-19.23	-18.00
NORTH	14.44	11.23	15.09	19.87	17.88	19.16	14.54	17.20	25.22	27.60	20.99	12.70	13.83	19.32	53.71	25.11	28.78	21.55	6.73	15.85	20.51	14.99	13.19
61755	-0.65	-0.47	-0.70	-0.89	-0.81	-0.88	-0.60	-0.67	-0.57	-0.47	-0.50	-0.39	-0.34	-0.52	-1.54	-0.90	-1.02	-0.66	-0.26	-0.51	-0.63	-0.53	-0.56
	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	26.91	37.86	38.24	29.24	28.47	26.19	26.57	21.43	28.73	36.62	46.90	49.08	58.96	48.78	59.28	49.86	34.43	29.17	47.77	52.76	55.36	66.03	55.11
61845	1.22	0.89	1.21	1.54	1.37	1.41	1.05	1.21	1.67	1.87	1.50	0.94	1.02	1.44	3.94	1.88	2.13	1.62	0.51	1.19	1.52	1.09	0.96
	-10.59	-25.27	-21.24	-6.94	-8.40	-4.73	-10.37	-2.33	-1.27	-6.68	-23.91	-35.04	-43.78	-27.50	-0.08	-21.96	-2.50	-5.34	-40.27	-35.22	-32.70	-49.42	-40.40

OH 61846	15.25	13.38	16.98	20.34	18.66	19.48	15.40	16.79	23.33	26.05	22.59	16.48	16.22	20.92	51.41	25.18	27.79	21.39	10.50	19.27	22.51	17.71	16.00
	-0.32	-0.33	-0.38	-0.79	-0.75	-1.05	-0.94	-1.39	-2.40	-2.86	-1.94	-1.01	-1.09	-1.52	-3.84	-1.88	-2.01	-1.44	-0.36	-0.94	-1.36	-1.00	-0.73
	-0.48	-2.01	-1.57	-0.37	-0.72	-0.48	-1.20	-0.30	0.07	-0.84	-3.03	-4.40	-3.15	-2.59	0.00	-1.05	0.00	-0.62	-3.87	-3.85	-2.73	-3.19	-2.98
PJM 61847	17.19	18.62	21.44	22.40	21.41	21.96	19.25	19.06	26.43	30.79	31.37	27.48	24.45	28.43	55.87	29.68	30.17	24.53	19.72	29.17	30.33	26.16	23.76
	0.53	0.36	0.54	0.45	0.36	0.34	0.22	0.22	0.21	-0.02	0.07	0.11	0.05	0.14	0.62	0.24	0.36	0.29	0.12	0.28	0.28	0.23	0.32
	-1.58	-6.56	-5.10	-1.19	-2.35	-1.57	-3.89	-0.96	-0.43	-2.75	-9.80	-14.28	-10.24	-8.44	0.00	-3.43	0.00	-2.03	-12.61	-12.54	-8.91	-10.41	-9.69
WEST 61752	15.49	13.54	17.21	20.62	18.91	19.72	15.55	16.96	25.48	26.42	22.85	16.64	16.41	21.19	52.25	25.57	28.24	21.71	10.57	19.49	22.81	17.89	16.14
	-0.08	-0.15	-0.13	-0.50	-0.49	-0.80	-0.77	-1.21	-2.12	-2.48	-1.64	-0.81	-0.87	-1.22	-3.00	-1.48	-1.57	-1.11	-0.25	-0.67	-1.04	-0.78	-0.55
	-0.48	-1.99	-1.55	-0.37	-0.71	-0.48	-1.18	-0.29	-1.80	-0.83	-2.99	-4.36	-3.11	-2.57	0.00	-1.04	0.00	-0.61	-3.82	-3.80	-2.70	-3.16	-2.94