

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/19/2017

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	25.21	22.38	19.46	20.02	22.36	23.94	27.94	31.86	34.89	38.97	40.36	61.57	43.74	76.22	38.34	44.23	30.69	14.68	20.97	19.07	22.42	20.58	18.32	17.69
61757	1.61	1.35	1.18	1.23	1.33	1.42	1.69	1.95	2.32	2.61	2.65	4.14	2.92	4.88	2.44	2.78	1.84	0.88	1.29	1.15	1.43	1.24	1.04	0.98
	-0.77	-0.64	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
CENTRL	22.89	20.46	18.36	18.86	21.13	22.64	26.59	30.54	33.32	38.20	39.20	59.65	42.65	73.97	36.42	41.93	28.98	13.86	19.76	18.06	21.12	19.54	17.52	16.97
61754	0.06	0.07	0.07	0.07	0.10	0.12	0.18	0.27	0.18	0.38	0.46	0.67	0.44	0.56	0.40	0.38	0.13	0.06	0.08	0.13	0.12	0.20	0.24	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.36	-0.58	-1.47	-1.04	-1.55	-1.39	-2.07	-0.11	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	25.42	22.71	20.24	20.76	23.16	24.89	29.13	33.28	36.27	40.52	41.89	63.79	87.91	116.49	113.89	203.19	83.34	43.96	27.73	25.38	23.22	21.43	19.23	18.60
61760	2.58	2.32	1.96	1.98	2.13	2.37	2.87	3.37	3.70	4.17	4.19	6.37	4.36	7.13	3.58	4.00	2.84	1.37	1.98	1.84	2.22	2.09	1.95	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-42.73	-38.01	-74.40	-157.73	-51.65	-28.79	-6.07	-5.63	0.00	0.00	0.00	0.00
GENESE	22.22	19.84	17.83	18.32	20.50	21.97	25.47	29.02	31.47	35.33	36.88	56.31	40.26	70.20	35.54	41.13	28.44	13.54	19.26	17.60	20.65	19.14	17.11	16.61
61753	-0.61	-0.55	-0.45	-0.47	-0.53	-0.54	-0.79	-0.89	-1.11	-1.02	-0.82	-1.12	-0.56	-1.15	-0.36	-0.33	-0.41	-0.26	-0.42	-0.32	-0.35	-0.20	-0.17	-0.11
	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
H Q	17.12	15.52	17.77	18.26	20.44	21.90	0.00	0.00	0.00	0.00	0.00	55.67	-1.19	2.84	0.00	0.00	0.00	0.00	9.41	0.00	0.00	0.00	16.72	16.17
61844	-0.67	-0.59	-0.51	-0.52	-0.59	-0.62	-0.69	-0.83	-0.95	-1.15	-1.14	-1.76	-1.23	-2.01	-1.04	-1.11	-0.71	-0.36	-0.50	-0.49	-0.58	-0.58	-0.56	-0.54
	5.04	4.28	0.00	0.00	0.00	0.00	25.56	29.08	31.62	35.20	36.57	0.00	40.78	66.49	34.86	40.34	28.14	13.45	9.77	17.43	20.42	18.76	0.00	0.00
HUD VL	25.26	22.55	20.11	20.63	23.03	24.74	28.95	33.11	36.10	40.35	41.74	63.63	80.98	110.37	101.95	177.97	75.12	39.36	26.70	24.41	23.12	21.33	19.12	18.48
61758	2.43	2.16	1.83	1.85	2.01	2.22	2.70	3.20	3.53	3.99	4.04	6.20	4.29	7.13	3.62	4.07	2.84	1.35	1.92	1.76	2.13	1.99	1.84	1.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-35.87	-31.89	-62.42	-132.45	-43.43	-24.22	-5.10	-4.72	0.00	0.00	0.00	0.00
LONGIL	26.25	23.81	21.03	21.35	23.80	25.63	29.89	33.97	36.93	41.35	42.61	64.80	88.40	116.78	114.27	201.59	83.61	44.16	27.90	25.60	23.57	21.87	19.83	18.98
61762	3.27	3.05	2.54	2.56	2.77	3.10	3.64	4.05	4.36	4.99	4.91	7.37	4.78	7.35	3.82	3.83	3.02	1.51	2.14	2.04	2.58	2.41	2.28	2.26
	-0.15	-0.37	-0.21	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-42.80	-38.08	-74.54	-156.31	-51.73	-28.84	-6.08	-5.64	0.00	-0.11	-0.27	0.00
MHK VL	21.71	19.44	18.75	19.28	21.60	23.17	27.22	31.25	34.12	38.30	39.91	60.77	45.49	77.26	41.14	51.03	32.44	15.71	20.67	18.85	21.74	20.03	17.86	17.22
61756	0.64	0.54	0.47	0.50	0.58	0.65	0.85	1.08	1.18	1.43	1.55	2.42	1.67	2.82	1.39	1.53	1.00	0.48	0.69	0.65	0.74	0.69	0.58	0.51
	1.76	1.49	0.00	0.00	0.00	0.00	-0.11	-0.26	-0.38	-0.51	-0.65	-0.92	-3.00	-3.11	-3.85	-8.05	-2.60	-1.44	-0.30	-0.28	0.00	0.00	0.00	0.00
MILLWD	25.42	22.69	20.22	20.74	23.14	24.87	29.10	33.29	36.30	40.57	41.97	63.96	87.63	116.40	113.33	201.89	82.95	43.73	27.72	25.37	23.26	21.45	19.24	18.59
61759	2.58	2.30	1.94	1.96	2.12	2.36	2.85	3.38	3.73	4.21	4.27	6.53	4.49	7.43	3.73	4.19	2.95	1.40	2.02	1.87	2.26	2.11	1.96	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-42.32	-37.64	-73.70	-156.25	-51.15	-28.52	-6.01	-5.58	0.00	0.00	0.00	0.00
N.Y.C.	25.61	22.92	20.41	20.92	23.34	25.10	29.37	33.57	36.59	40.95	42.19	63.73	84.52	116.11	111.49	203.51	83.40	43.99	27.86	25.53	23.37	21.59	19.40	18.77
61761	2.78	2.53	2.13	2.14	2.31	2.59	3.12	3.66	4.02	4.51	4.50	6.79	4.62	7.48	3.67	4.10	2.96	1.44	2.10	1.97	2.37	2.25	2.12	2.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.01	0.49	-39.08	-37.28	-71.92	-157.96	-51.58	-28.75	-6.08	-5.63	0.00	0.00	0.00	0.00
NORTH	3.22	3.85	17.67	18.16	20.35	21.82	25.66	29.17	31.77	35.39	36.87	56.24	39.91	69.81	35.05	40.65	28.43	13.58	19.38	17.59	20.56	18.80	16.68	16.10
61755	-0.80	-0.74	-0.61	-0.62	-0.68	-0.69	-0.59	-0.74	-0.80	-0.96	-0.84	-1.19	-0.91	-1.53	-0.85	-0.80	-0.42	-0.22	-0.30	-0.33	-0.44	-0.54	-0.60	-0.61
	18.81	15.80	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	24.60	21.28	19.57	20.33	22.54	24.14	28.11	31.60	36.39	39.55	40.55	61.70	61.31	84.73	83.43	113.11	46.40	30.48	23.75	21.66	23.07	19.44	18.32	17.90
61845	1.78	1.53	1.32	1.41	1.52	1.62	1.86	2.14	2.53	2.80	2.85	4.38	2.95	4.96	2.53	2.83	2.02	0.95	1.40	1.26	1.55	1.37	1.22	1.18
	0.01	0.64	0.03	-0.14	0.00	0.00	0.00	0.45	-1.29	-0.40	0.00	0.10	-17.53	-8.43	-44.99	-68.83	-15.54	-15.73	-2.67	-2.48	-0.52	1.28	0.18	0.00

O H 61846	21.48 -1.35 0.00	19.27 -1.12 0.00	17.36 -0.93 0.00	17.85 -0.94 0.00	19.93 -1.09 0.00	21.31 -1.21 0.00	24.45 -1.80 0.00	27.64 -2.27 0.00	29.53 -2.84 0.20	30.80 -2.92 2.64	34.91 -2.79 0.00	53.29 -4.14 0.00	38.23 -2.59 0.00	66.46 -4.88 0.00	33.81 -2.10 0.00	39.11 -2.34 0.00	26.96 -1.88 0.00	12.85 -0.95 0.00	18.33 -1.35 0.00	16.82 -1.10 0.00	19.79 -1.21 0.00	18.43 -0.91 0.00	16.65 -0.63 0.00	16.31 -0.41 0.00
PJM 61847	23.75 0.92 0.00	21.28 0.89 0.00	19.03 0.75 0.00	19.54 0.76 0.00	21.82 0.79 0.00	23.40 0.89 0.00	27.22 0.97 0.00	33.62 1.09 -2.62	33.51 0.94 0.00	38.42 1.19 -0.88	38.89 1.21 0.03	58.76 1.92 0.59	61.02 1.35 -18.85	83.84 1.90 -10.61	70.17 1.18 -33.08	121.77 1.24 -79.08	48.03 0.71 -18.47	31.50 0.34 -17.36	23.22 0.50 -3.04	21.29 0.55 -2.82	21.67 0.67 0.00	20.09 0.75 0.00	18.16 0.88 0.00	17.66 0.94 0.00
WEST 61752	21.76 -1.07 0.00	19.48 -0.91 0.00	17.56 -0.72 0.00	18.06 -0.72 0.00	20.18 -0.85 0.00	21.58 -0.94 0.00	24.74 -1.51 0.00	28.02 -1.90 0.00	30.18 -2.39 0.00	43.77 -2.34 -9.76	35.56 -2.14 0.00	54.33 -3.09 0.00	39.02 -1.81 0.00	67.87 -3.47 0.00	34.55 -1.35 0.00	39.97 -1.48 0.00	27.51 -1.34 0.00	13.09 -0.71 0.00	18.66 -1.02 0.00	17.11 -0.81 0.00	20.13 -0.87 0.00	18.77 -0.57 0.00	16.91 -0.37 0.00	16.58 -0.13 0.00