

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/06/2016

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	27.59	31.76	30.19	25.10	25.09	24.13	26.82	29.88	34.44	42.65	51.30	74.94	63.33	73.63	159.88	219.57	102.89	158.71	95.42	83.82	74.21	53.19	45.16	43.47
61757	1.85	2.33	2.22	1.82	1.79	1.74	1.75	1.90	2.07	2.59	3.17	4.56	3.88	4.22	9.76	13.38	6.39	9.86	6.01	5.74	5.07	3.64	2.94	2.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.10	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	26.08	29.72	28.21	23.41	23.44	22.56	25.33	28.29	32.85	41.70	48.79	71.51	60.35	70.86	153.79	222.37	98.53	152.05	91.16	79.29	70.10	50.11	42.86	41.50
61754	0.35	0.30	0.24	0.14	0.14	0.18	0.27	0.30	0.49	0.69	0.76	1.14	0.89	1.46	2.80	4.67	2.03	3.20	1.75	1.21	0.96	0.56	0.63	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.01	0.00	0.00	0.00	0.00	-0.87	-11.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	28.33	32.17	30.44	25.27	25.24	24.31	27.30	30.56	35.18	44.48	54.36	77.14	65.18	75.84	164.41	225.91	105.99	162.66	97.51	85.31	75.42	54.31	46.27	44.76
61760	2.60	2.74	2.46	1.99	1.94	1.92	2.24	2.58	2.81	3.69	4.90	6.77	5.73	6.43	14.29	19.73	9.48	13.81	8.11	7.22	6.28	4.76	4.05	3.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.78	-1.43	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	25.83	29.40	27.83	22.99	23.04	22.25	24.97	27.80	32.55	40.23	48.27	71.09	59.96	70.81	152.78	210.53	98.32	152.38	91.46	78.76	69.39	49.39	42.50	41.25
61753	0.10	-0.03	-0.15	-0.28	-0.25	-0.13	-0.08	-0.18	0.18	0.23	0.24	0.71	0.51	1.40	2.10	4.34	1.81	3.54	2.06	0.68	0.24	-0.16	0.28	0.36
	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	-0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	24.79	28.40	27.05	22.51	22.57	21.66	24.54	27.13	31.42	38.79	24.42	68.21	57.66	67.32	145.45	199.13	93.06	143.75	86.50	75.17	66.99	47.97	40.84	39.64
61844	-0.94	-1.03	-0.93	-0.76	-0.73	-0.73	-0.77	-0.85	-0.95	-1.21	-1.54	-2.17	-1.80	-2.08	-4.68	-7.06	-3.45	-5.10	-2.90	-2.55	-2.15	-1.58	-1.38	-1.25
	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	0.00	0.00	22.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00
HUD VL	28.24	32.09	30.40	25.24	25.21	24.27	27.25	30.53	35.20	44.33	54.08	77.32	65.35	76.08	164.91	226.79	106.44	163.50	98.04	85.76	75.78	54.48	46.34	44.74
61758	2.51	2.66	2.43	1.96	1.92	1.88	2.19	2.55	2.83	3.71	4.93	6.94	5.89	6.67	14.78	20.61	9.94	14.65	8.64	7.68	6.64	4.93	4.12	3.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.61	-1.12	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	43.41	34.78	31.51	26.23	25.81	24.66	27.72	31.05	35.78	45.33	55.19	78.08	72.08	183.03	242.23	232.23	157.20	164.29	154.18	125.58	85.41	54.48	49.65	53.54
61762	3.26	3.46	3.03	2.33	2.29	2.28	2.66	3.07	3.41	4.55	5.73	7.70	6.84	8.02	17.18	21.34	10.87	15.45	9.06	7.91	6.99	5.40	4.64	4.44
	-14.42	-1.89	-0.51	-0.62	-0.23	0.00	0.00	0.00	0.00	-0.78	-1.43	0.00	-5.79	-105.61	-74.92	-4.70	-49.83	0.00	-55.72	-39.58	-9.27	0.47	-2.79	-8.22
MHK VL	26.60	30.33	28.78	23.91	23.97	23.05	25.94	29.09	33.79	41.90	50.40	73.65	62.05	72.46	156.55	215.14	100.71	155.28	93.27	81.42	72.30	51.86	44.09	42.53
61756	0.87	0.90	0.81	0.64	0.67	0.66	0.88	1.11	1.42	1.84	2.28	3.27	2.60	3.06	6.43	8.96	4.20	6.43	3.86	3.34	3.15	2.31	1.87	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.10	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
MILLWD	28.34	32.18	30.46	25.28	25.25	24.32	27.32	30.59	35.25	44.59	54.51	77.47	65.47	76.22	165.28	227.23	106.64	163.72	98.17	85.86	75.86	54.58	46.45	44.87
61759	2.61	2.75	2.48	2.01	1.96	1.93	2.26	2.61	2.88	3.82	5.08	7.09	6.02	6.82	15.16	21.04	10.13	14.87	8.76	7.77	6.71	5.03	4.23	3.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.77	-1.40	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.	28.90	32.75	30.76	25.44	25.41	24.92	27.50	31.44	35.31	44.66	54.52	77.19	64.39	75.79	164.14	225.45	105.58	162.07	97.22	84.48	74.23	53.69	46.18	44.84
61761	2.79	2.93	2.66	2.17	2.11	2.09	2.43	2.80	3.00	3.88	5.06	6.88	5.77	6.39	14.02	19.26	9.17	13.23	7.82	6.99	6.04	4.67	4.04	3.95
	-0.37	-0.39	-0.12	0.00	0.00	-0.44	-0.01	-0.65	0.06	-0.78	-1.43	0.07	0.84	0.00	0.00	0.00	0.09	0.00	0.00	0.59	0.95	0.54	0.08	0.00
NORTH	24.45	28.04	26.78	22.28	22.40	21.48	24.20	27.11	31.51	38.97	46.66	68.53	57.86	67.40	145.48	198.20	92.27	142.72	86.07	75.21	66.85	47.83	40.66	39.63
61755	-1.28	-1.38	-1.20	-0.99	-0.89	-0.91	-0.86	-0.87	-0.86	-1.03	-1.37	-1.85	-1.59	-2.00	-4.65	-7.98	-4.23	-6.12	-3.33	-2.88	-2.29	-1.73	-1.56	-1.25
	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	27.72	31.67	30.07	25.00	24.97	24.02	27.05	29.90	34.36	42.85	29.76	74.71	63.18	73.35	159.12	226.80	102.58	157.90	91.22	82.97	73.77	52.99	45.19	43.51
61845	1.99	2.24	2.10	1.72	1.67	1.63	1.75	1.92	2.00	2.49	3.16	4.33	3.73	3.94	9.20	12.70	6.08	9.05	5.41	5.25	4.63	3.44	2.86	2.63
	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	0.00	-0.36	21.43	0.00	0.00	0.00	0.21	-7.92	0.00	0.00	3.60	0.36	0.00	0.00	-0.11	0.00

O H 61846	24.78 -0.95 0.00	28.28 -1.15 0.00	26.85 -1.12 0.00	22.15 -1.12 0.00	22.24 -1.06 0.00	21.43 -0.95 0.00	24.11 -1.07 -0.12	26.47 -1.51 0.00	30.92 -1.45 0.00	34.15 -1.99 3.86	45.27 -2.76 0.00	66.70 -3.68 0.00	56.09 -3.36 0.00	66.42 -2.98 0.00	138.63 -7.71 3.78	149.21 -8.90 48.07	91.84 -4.67 0.00	142.75 -6.10 0.00	85.90 -3.51 0.00	73.98 -4.10 0.00	65.37 -3.77 0.00	46.55 -3.01 0.00	40.54 -1.68 0.00	39.69 -1.20 0.00
PJM 61847	26.02 0.29 0.00	13.92 0.19 15.70	28.10 0.13 0.00	23.25 -0.02 0.00	23.29 -0.01 0.00	22.42 0.04 0.00	25.45 0.14 -0.24	27.97 -0.01 0.00	26.46 0.03 5.94	23.68 0.16 16.49	-13.74 0.14 61.90	70.54 0.16 0.00	58.39 -0.06 1.01	32.42 0.35 37.34	102.64 0.20 47.69	234.83 1.76 -26.88	96.78 0.28 0.00	119.24 0.42 30.03	56.59 0.04 32.85	68.35 -0.24 9.49	68.84 -0.30 0.00	49.18 -0.37 0.00	36.08 0.08 6.22	37.71 0.27 3.45
WEST 61752	25.21 -0.52 0.00	28.75 -0.68 0.00	27.26 -0.72 0.00	22.46 -0.82 0.00	22.55 -0.75 0.00	21.75 -0.63 0.00	24.35 -0.71 0.00	26.90 -1.08 0.00	31.54 -0.83 0.00	52.68 -1.21 -13.89	46.29 -1.74 0.00	68.29 -2.09 0.00	57.48 -1.97 0.00	68.23 -1.18 0.00	161.82 -3.78 -15.47	389.49 -3.35 -186.66	94.41 -2.10 0.00	146.76 -2.09 0.00	88.23 -1.17 0.00	75.78 -2.30 0.00	66.84 -2.31 0.00	47.62 -1.94 0.00	41.57 -0.65 0.00	40.66 -0.23 0.00