

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/29/2016

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	21.61	22.99	24.38	22.75	21.13	23.93	27.57	25.48	26.46	25.68	29.75	35.83	65.61	47.56	43.25	37.14	46.60	40.04	33.84	27.84	29.53	26.32	23.17	18.51
61757	1.49	1.67	1.75	1.43	1.52	1.69	2.03	1.90	2.00	2.00	2.22	2.68	4.72	3.36	2.87	2.52	3.07	2.65	2.31	1.85	1.96	1.77	1.47	1.12
	0.00	-0.10	-0.56	-2.92	-0.28	-0.92	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.07	-0.06	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	20.44	21.53	22.39	18.83	19.52	21.60	25.62	23.90	24.84	24.01	27.97	33.58	62.56	48.45	41.14	35.14	44.44	37.84	31.84	26.23	27.83	24.75	21.88	17.51
61754	0.33	0.30	0.27	0.14	0.15	0.20	0.24	0.32	0.38	0.33	0.44	0.43	1.13	0.85	0.76	0.59	0.79	0.50	0.31	0.24	0.25	0.20	0.18	0.12
	0.00	-0.01	-0.06	-0.29	-0.03	-0.09	-0.02	0.00	0.00	0.00	0.00	0.00	-0.54	-3.40	0.00	0.00	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	22.11	23.37	24.54	22.18	21.36	23.96	28.00	26.04	27.03	26.24	30.50	36.76	67.46	49.11	44.96	40.57	50.20	43.02	34.98	28.77	30.56	27.24	24.16	19.27
61760	2.00	2.08	2.08	1.71	1.83	2.00	2.51	2.46	2.57	2.55	2.97	3.61	6.57	4.91	4.56	4.05	5.04	4.26	3.45	2.79	2.98	2.69	2.46	1.88
	0.00	-0.07	-0.40	-2.07	-0.20	-0.65	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-1.97	-1.68	-1.42	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	20.42	21.38	22.10	18.49	19.18	21.29	25.35	23.53	24.46	23.60	27.46	32.94	61.11	44.60	40.77	34.75	43.83	37.50	31.58	26.00	27.47	24.42	21.60	17.38
61753	0.31	0.15	-0.01	-0.15	-0.18	-0.10	-0.03	-0.05	0.00	-0.08	-0.07	-0.21	0.22	0.40	0.39	0.20	0.36	0.16	0.05	0.01	-0.11	-0.13	-0.10	-0.01
	0.00	-0.01	-0.05	-0.24	-0.02	-0.07	-0.01	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	19.41	20.46	21.29	17.80	18.70	20.62	24.53	22.73	23.55	22.78	26.50	31.93	59.14	42.59	38.95	33.29	41.95	36.11	30.57	25.20	26.73	23.80	21.03	16.87
61844	-0.70	-0.76	-0.78	-0.60	-0.64	-0.70	-0.83	-0.85	-0.91	-0.90	-1.03	-1.21	-2.27	-1.61	-1.43	-1.26	-1.52	-1.23	-0.97	-0.79	-0.84	-0.75	-0.67	-0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	22.07	23.32	24.51	22.12	21.33	23.93	27.95	26.03	27.03	26.25	30.54	36.82	67.67	49.24	45.05	40.15	49.88	42.76	35.03	28.80	30.59	27.22	24.09	19.21
61758	1.96	2.03	2.05	1.68	1.80	1.97	2.46	2.45	2.58	2.56	3.01	3.68	6.78	5.04	4.66	4.09	5.12	4.33	3.50	2.81	3.02	2.67	2.39	1.82
	0.00	-0.07	-0.39	-2.04	-0.20	-0.65	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-1.51	-1.29	-1.09	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	22.65	27.00	26.78	24.45	23.74	35.22	30.05	29.19	34.63	28.89	67.61	153.73	190.33	166.08	186.46	169.55	171.72	182.18	169.86	139.46	170.92	326.31	109.81	27.02
61762	2.36	2.59	2.59	2.05	2.23	2.54	3.14	3.09	3.30	3.32	3.86	4.63	8.35	5.99	5.48	4.98	6.31	5.28	4.30	3.45	3.67	3.26	3.05	2.18
	-0.17	-3.19	-2.12	-4.00	-2.17	-11.37	-1.55	-2.52	-6.87	-1.88	-36.22	-115.95	-121.09	-115.90	-140.60	-130.02	-121.94	-139.56	-134.03	-110.02	-139.67	-298.51	-85.05	-7.45
MHK VL	20.75	21.85	22.75	19.20	19.90	22.03	26.19	24.46	25.44	24.70	28.75	34.59	63.65	46.04	41.96	35.97	45.22	38.78	32.67	27.01	28.73	25.53	22.50	17.95
61756	0.64	0.62	0.62	0.50	0.53	0.62	0.81	0.88	0.98	1.02	1.22	1.44	2.76	1.85	1.58	1.30	1.66	1.36	1.14	1.03	1.16	0.98	0.80	0.56
	0.00	-0.01	-0.06	-0.30	-0.03	-0.09	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.10	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	22.13	23.38	24.56	22.21	21.37	23.99	28.03	26.08	27.09	26.30	30.59	36.90	67.78	49.34	45.17	40.72	50.42	43.22	35.16	28.90	30.68	27.31	24.19	19.28
61759	2.02	2.09	2.09	1.72	1.84	2.02	2.53	2.51	2.63	2.61	3.06	3.75	6.90	5.15	4.77	4.23	5.30	4.48	3.63	2.92	3.10	2.76	2.49	1.90
	0.00	-0.07	-0.40	-2.09	-0.20	-0.66	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-1.94	-1.66	-1.40	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	23.93	23.82	24.66	22.29	21.49	24.09	28.18	26.19	27.17	26.35	30.62	36.81	67.62	49.33	44.88	40.81	50.36	43.15	35.08	29.56	31.95	28.88	25.99	22.45
61761	2.13	2.20	2.19	1.82	1.96	2.12	2.68	2.61	2.71	2.67	3.09	3.72	6.67	5.03	4.68	4.20	5.21	4.39	3.55	2.89	3.10	2.82	2.64	2.06
	-1.68	-0.40	-0.40	-2.07	-0.20	-0.66	-0.12	0.00	0.00	0.00	0.00	0.06	-0.06	-0.10	0.19	-2.06	-1.69	-1.42	0.00	-0.69	-1.28	-1.51	-1.66	-3.01
NORTH	19.20	20.20	21.10	17.67	18.55	20.46	24.36	22.60	23.35	22.61	26.29	31.68	58.19	42.38	38.71	33.01	41.73	36.08	30.63	25.32	26.87	23.92	21.10	16.93
61755	-0.92	-1.02	-0.97	-0.73	-0.78	-0.85	-1.01	-0.98	-1.11	-1.07	-1.24	-1.47	-2.70	-1.82	-1.67	-1.54	-1.74	-1.25	-0.90	-0.66	-0.70	-0.63	-0.60	-0.46
	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	21.71	23.09	24.39	22.46	21.18	23.87	27.60	25.03	26.37	25.74	29.81	35.93	66.33	47.20	39.81	38.54	46.81	40.75	33.85	27.90	29.65	26.42	23.33	10.18
61845	1.60	1.78	1.83	1.52	1.60	1.75	2.08	1.95	2.06	2.05	2.28	2.78	4.86	3.50	3.03	2.67	3.21	2.78	2.32	1.92	2.08	1.88	1.63	1.29
	0.00	-0.09	-0.49	-2.54	-0.24	-0.80	-0.15	0.50	0.15	0.00	0.00	0.00	-0.58	0.49	3.60	-1.31	-0.13	-0.63	0.00	0.00	0.00	0.00	0.00	8.50

O H 61846	19.83 -0.28 0.00	20.82 -0.41 -0.01	21.57 -0.56 -0.06	18.05 -0.67 -0.32	18.65 -0.71 -0.03	20.66 -0.76 -0.10	24.48 -0.90 -0.02	22.71 -0.87 0.00	23.52 -0.94 0.00	22.51 -1.17 0.00	26.19 -1.34 0.00	31.28 -1.87 0.00	56.35 -2.61 1.93	30.42 -1.70 12.08	38.83 -1.55 0.00	33.02 -1.53 0.00	42.51 -1.71 -0.75	35.65 -1.69 0.00	30.07 -1.46 0.00	24.84 -1.15 0.00	26.25 -1.32 0.00	23.47 -1.08 0.00	20.90 -0.80 0.00	16.87 -0.51 0.00
PJM 61847	20.85 0.74 0.00	22.03 0.78 -0.04	23.04 0.76 -0.22	20.03 0.51 -1.12	20.00 0.55 -0.11	22.23 0.56 -0.36	26.10 0.67 -0.07	24.39 0.81 0.00	25.25 0.79 0.00	24.33 0.65 0.00	28.35 0.82 0.00	33.96 0.81 0.00	64.43 2.01 -1.53	52.13 1.59 -6.34	41.85 1.46 -0.01	36.59 1.23 -0.81	46.29 1.69 -1.13	39.13 1.20 -0.59	32.35 0.82 0.00	26.66 0.67 0.00	28.35 0.77 0.00	25.31 0.75 0.00	23.87 0.80 -1.37	15.73 0.57 2.24
WEST 61752	20.29 0.17 0.00	21.25 0.02 -0.01	22.00 -0.13 -0.06	18.37 -0.34 -0.31	18.99 -0.38 -0.03	21.05 -0.36 -0.10	24.99 -0.39 -0.02	23.16 -0.42 0.00	24.01 -0.45 0.00	23.00 -0.68 0.00	26.81 -0.73 0.00	32.06 -1.09 0.00	67.50 -1.15 -7.76	92.13 -0.58 -48.52	39.87 -0.51 0.00	33.90 -0.65 0.00	45.46 -0.60 -2.59	36.59 -0.75 0.00	30.84 -0.69 0.00	25.44 -0.55 0.00	26.86 -0.72 0.00	23.99 -0.56 0.00	21.34 -0.37 0.00	17.23 -0.15 0.00