

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/30/2016

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	15.59	19.36	21.03	14.06	14.40	13.94	18.51	19.78	21.64	22.61	23.75	25.27	25.33	25.81	30.49	31.00	45.94	38.45	28.83	28.15	30.17	26.63	23.54	20.64
61757	0.97	1.31	0.91	0.92	0.91	0.90	1.19	1.34	1.48	1.56	1.55	1.61	1.61	1.60	1.83	1.90	2.82	2.39	1.99	1.93	2.07	1.85	1.61	1.34
	0.00	-0.04	-7.56	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
CENTRL	14.70	18.07	13.29	13.11	13.46	13.02	17.32	18.52	20.25	21.14	22.39	23.90	23.94	24.50	29.61	32.69	45.94	36.71	27.18	26.57	28.50	25.12	22.23	19.55
61754	0.08	0.06	-0.02	-0.03	-0.04	-0.02	0.02	0.08	0.08	0.09	0.19	0.24	0.22	0.30	0.48	0.57	0.88	0.65	0.33	0.36	0.40	0.34	0.29	0.25
	0.00	0.00	-0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-3.02	-1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	16.18	19.90	19.13	14.31	14.65	14.18	18.91	20.23	22.20	23.23	24.56	26.15	26.21	26.69	31.69	32.32	47.88	39.83	29.66	28.92	30.91	27.39	24.38	21.43
61760	1.56	1.87	1.20	1.17	1.15	1.14	1.60	2.03	2.18	2.37	2.49	2.49	2.49	2.48	3.02	3.23	4.76	3.77	2.82	2.70	2.82	2.62	2.45	2.13
	0.00	-0.03	-5.36	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	14.58	17.86	12.91	12.85	13.21	12.85	17.17	18.30	19.93	20.77	22.00	23.55	23.65	24.34	28.90	29.50	43.79	36.59	26.99	26.33	28.30	24.93	22.05	19.48
61753	-0.05	-0.15	-0.26	-0.28	-0.28	-0.19	-0.14	-0.13	-0.24	-0.29	-0.19	-0.11	-0.07	0.13	0.23	0.41	0.67	0.53	0.15	0.11	0.21	0.15	0.12	0.18
	0.00	0.00	-0.61	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	14.28	17.45	12.19	12.79	13.17	12.72	16.90	17.94	19.61	20.45	21.52	22.96	23.02	23.50	27.78	28.07	41.64	34.89	25.95	25.35	27.64	23.95	21.86	18.63
61844	-0.45	-0.55	-0.37	-0.35	-0.32	-0.32	-0.41	-0.49	-0.55	-0.61	-0.67	-0.70	-0.70	-0.71	-0.89	-1.02	-1.48	-1.17	-0.88	-0.86	-0.90	-0.83	-0.76	-0.66
	-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	-0.45	0.00	-0.69	0.00
HUD VL	16.12	19.84	19.07	14.28	14.62	14.15	18.86	20.19	22.14	23.18	24.50	26.10	26.19	26.70	31.69	32.34	47.93	39.93	29.72	28.97	30.97	27.40	24.33	21.37
61758	1.49	1.80	1.17	1.14	1.13	1.11	1.55	1.75	1.98	2.13	2.31	2.44	2.47	2.49	3.03	3.25	4.82	3.87	2.88	2.75	2.87	2.62	2.39	2.07
	0.00	-0.03	-5.34	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
LONGIL	24.72	21.88	19.38	14.54	14.87	14.46	19.23	20.58	22.70	24.85	36.56	36.19	30.04	30.24	33.88	41.40	155.57	53.28	110.86	41.01	64.73	40.24	42.29	21.81
61762	1.83	2.29	1.46	1.41	1.38	1.41	1.92	2.14	2.53	2.78	3.04	3.18	3.16	3.13	3.78	4.02	5.98	4.79	3.50	3.35	3.58	3.24	2.93	2.51
	-8.26	-1.58	-5.37	0.00	0.00	0.00	0.00	0.00	0.00	-1.02	-11.33	-9.35	-3.16	-2.90	-1.44	-8.30	-106.48	-12.43	-80.52	-11.44	-33.05	-12.22	-17.43	0.00
MHK VL	15.06	18.51	13.64	13.46	13.83	13.39	17.83	19.06	20.91	21.86	23.10	24.66	24.68	25.19	29.84	30.31	44.95	37.56	27.92	27.30	29.31	25.79	22.76	19.95
61756	0.43	0.50	0.32	0.32	0.34	0.35	0.52	0.62	0.74	0.80	0.91	1.00	0.96	0.99	1.18	1.22	1.83	1.50	1.08	1.08	1.21	1.02	0.82	0.65
	0.00	0.00	-0.76	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
MILLWD	16.18	19.90	19.18	14.31	14.64	14.18	18.91	20.24	22.21	23.25	24.59	26.18	26.26	26.76	31.78	32.43	48.06	40.01	29.79	29.04	31.04	27.48	24.42	21.45
61759	1.55	1.86	1.20	1.17	1.15	1.14	1.60	1.80	2.04	2.20	2.40	2.53	2.54	2.56	3.12	3.34	4.94	3.95	2.95	2.83	2.94	2.70	2.48	2.15
	0.00	-0.03	-5.41	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
N.Y.C.	17.49	20.06	19.23	14.41	14.76	14.30	19.11	20.46	22.45	23.38	24.72	26.30	26.34	26.82	31.83	32.47	48.07	39.96	29.73	28.99	290.02	110.74	26.31	24.00
61761	1.69	2.02	1.30	1.27	1.26	1.25	1.75	1.94	2.18	2.33	2.52	2.64	2.63	2.61	3.17	3.38	4.95	3.90	2.89	2.77	2.92	2.74	2.60	2.32
	-1.17	-0.03	-5.37	0.00	0.00	0.00	-0.05	-0.08	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-259.00	-83.22	-1.77	-2.38
NORTH	14.20	17.46	12.19	12.82	13.23	12.79	17.01	18.05	19.74	20.59	21.65	23.13	23.21	23.64	27.87	28.03	41.62	34.92	25.95	25.35	27.22	23.87	21.01	18.49
61755	-0.42	-0.55	-0.38	-0.31	-0.26	-0.25	-0.30	-0.39	-0.43	-0.47	-0.54	-0.53	-0.51	-0.57	-0.79	-1.06	-1.50	-1.14	-0.89	-0.86	-0.87	-0.91	-0.92	-0.81
	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	16.17	19.29	20.50	14.16	14.48	14.01	17.53	21.16	21.75	22.87	23.66	25.42	25.48	25.96	30.69	31.19	46.18	38.57	29.59	27.84	30.68	26.74	25.01	20.58
61845	1.14	1.49	1.03	1.02	0.99	0.96	1.29	1.44	1.58	1.68	1.72	1.76	1.76	1.75	2.03	2.10	3.07	2.51	2.05	2.00	2.13	1.95	1.81	1.56
	-0.40	0.21	-6.92	0.00	0.00	0.00	1.07	-1.29	0.00	-0.13	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.70	0.37	-0.45	0.00	-1.27	0.28

O H 61846	14.22 -0.40 0.00	17.49 -0.52 0.00	12.82 -0.58 -0.84	12.54 -0.60 0.00	12.88 -0.61 0.00	12.48 -0.56 0.00	16.65 -0.66 0.00	17.73 -0.71 0.00	19.20 -0.96 0.00	19.92 -1.13 0.00	21.09 -1.11 0.00	22.57 -1.09 0.00	22.60 -1.11 0.00	23.23 -0.97 0.00	27.62 -1.05 0.00	17.05 -0.91 11.13	41.09 -1.29 0.74	34.91 -1.15 0.00	25.69 -1.15 0.00	25.14 -1.08 0.00	27.03 -1.07 0.00	23.96 -0.82 0.00	21.30 -0.63 0.00	18.40 -0.35 0.55
PJM 61847	15.21 0.48 -0.11	18.62 0.59 -0.02	15.73 0.26 -2.91	13.38 0.25 0.00	13.73 0.23 0.00	13.25 0.20 0.00	17.66 0.35 0.00	18.93 0.49 0.00	20.68 0.51 0.00	21.58 0.52 0.00	22.88 0.68 0.00	24.42 0.76 0.00	24.44 0.72 0.00	24.97 0.76 0.00	30.73 1.05 -1.02	35.53 1.19 -5.25	49.15 1.81 -4.23	37.37 1.31 0.00	27.63 0.79 0.00	27.01 0.80 0.00	29.34 0.79 -0.45	25.62 0.84 0.00	23.48 0.86 -0.69	20.10 0.80 0.00
WEST 61752	14.51 -0.12 0.00	17.80 -0.21 0.00	12.98 -0.39 -0.80	12.73 -0.41 0.00	13.07 -0.42 0.00	12.70 -0.35 0.00	16.97 -0.34 0.00	18.06 -0.38 0.00	19.55 -0.62 0.00	20.30 -0.76 0.00	21.53 -0.67 0.00	23.08 -0.58 0.00	23.14 -0.58 0.00	23.82 -0.39 0.00	34.74 -0.32 -6.41	72.11 -0.16 -43.18	70.09 -0.21 -27.18	35.78 -0.28 0.00	26.29 -0.55 0.00	25.66 -0.56 0.00	27.62 -0.47 0.00	24.48 -0.30 0.00	21.75 -0.18 0.00	19.35 0.05 0.00