

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/03/2016

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	18.68	16.80	14.54	13.13	14.89	17.92	18.43	22.74	20.71	22.74	25.08	26.54	25.90	27.13	29.08	30.39	33.92	35.61	35.29	33.04	27.93	32.42	25.91	21.83
61757	1.19	1.16	0.91	0.84	0.97	1.25	1.18	1.43	1.33	1.45	1.56	1.65	1.50	1.60	1.66	1.71	1.87	2.02	2.13	2.04	1.73	1.92	1.58	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	17.80	15.84	13.67	12.32	13.96	16.80	17.43	21.56	19.62	21.59	23.82	25.42	24.83	26.10	28.88	29.86	32.95	34.35	34.00	31.77	26.78	31.28	24.96	20.83
61754	0.30	0.20	0.04	0.02	0.04	0.13	0.18	0.25	0.24	0.29	0.30	0.38	0.43	0.56	0.71	0.71	0.81	0.76	0.85	0.77	0.57	0.77	0.63	0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.00	0.00	-0.76	-0.47	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	19.02	16.99	14.62	13.16	14.87	17.98	18.69	23.18	21.14	23.13	25.59	27.06	26.44	27.58	29.60	30.93	34.37	35.91	35.54	33.30	28.24	32.71	26.29	22.31
61760	1.53	1.34	0.99	0.86	0.96	1.30	1.45	1.87	1.76	1.83	2.08	2.18	2.04	2.05	2.19	2.26	2.32	2.32	2.39	2.30	2.04	2.21	1.97	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	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	17.88	15.79	13.58	12.22	13.81	16.68	17.30	21.28	19.30	21.34	23.56	25.03	24.75	26.22	28.33	29.64	33.22	34.78	34.47	32.13	26.97	31.63	25.27	20.94
61753	0.39	0.15	-0.06	-0.08	-0.10	0.00	0.06	-0.03	-0.08	0.04	0.04	0.15	0.34	0.68	0.91	0.95	1.17	1.20	1.32	1.13	0.77	1.13	0.94	0.51
	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	16.97	11.90	13.36	12.05	13.63	16.25	16.82	20.56	18.84	20.73	22.88	24.19	12.08	24.84	26.64	27.91	31.26	32.78	32.26	30.18	25.50	29.73	24.27	19.28
61844	-0.52	-0.48	-0.27	-0.25	-0.28	-0.42	-0.42	-0.54	-0.54	-0.57	-0.64	-0.70	-0.65	-0.70	-0.78	-0.77	-0.79	-0.81	-0.89	-0.82	-0.70	-0.78	-0.70	-0.63
	0.00	3.27	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.64	0.52	
HUD VL	19.01	16.98	14.62	13.17	14.89	17.99	18.69	23.18	21.15	23.17	25.63	27.12	26.51	27.66	29.71	31.07	34.55	36.13	35.75	33.48	28.37	32.88	26.37	22.31
61758	1.52	1.33	0.99	0.87	0.97	1.32	1.45	1.86	1.77	1.87	2.12	2.23	2.11	2.13	2.30	2.39	2.51	2.54	2.59	2.47	2.16	2.38	2.05	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	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	19.10	17.19	14.75	13.29	15.00	18.17	18.82	23.46	21.31	23.22	26.31	27.77	28.68	32.84	32.08	31.98	34.85	36.29	36.23	33.88	28.66	32.82	26.45	22.57
61762	1.61	1.55	1.12	0.99	1.09	1.50	1.57	2.15	1.93	1.92	2.75	2.89	2.79	2.85	2.99	3.02	2.81	2.70	3.08	2.88	2.46	2.32	2.13	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	-1.50	-4.46	-1.68	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MHK VL	18.08	16.11	13.99	12.61	14.28	17.17	17.83	22.13	20.18	22.21	24.55	26.02	25.53	26.72	28.71	30.07	33.54	35.12	34.71	32.45	27.38	31.86	25.33	21.16
61756	0.58	0.46	0.36	0.31	0.36	0.49	0.58	0.82	0.80	0.91	1.03	1.14	1.13	1.19	1.29	1.38	1.50	1.53	1.55	1.45	1.18	1.35	1.00	0.74
	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
MILLWD	19.04	17.00	14.62	13.17	14.89	17.99	18.71	23.20	21.17	23.18	25.65	27.13	26.52	27.67	29.72	31.07	34.54	36.10	35.72	33.45	28.35	32.84	26.37	22.34
61759	1.55	1.35	1.00	0.87	0.97	1.32	1.46	1.89	1.79	1.88	2.13	2.25	2.12	2.14	2.30	2.39	2.49	2.51	2.56	2.44	2.14	2.34	2.05	1.91
	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
N.Y.C.	19.10	17.04	14.66	13.20	14.91	18.02	18.77	23.28	21.23	23.22	25.68	27.14	26.52	27.65	29.66	30.99	34.41	35.95	35.55	33.34	28.29	34.34	27.35	22.43
61761	1.61	1.40	1.03	0.90	0.99	1.35	1.52	1.97	1.85	1.92	2.16	2.25	2.12	2.12	2.24	2.31	2.36	2.36	2.39	2.34	2.08	2.29	2.07	2.00
	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	-1.54	-0.95	0.00	
NORTH	17.07	15.22	13.42	12.09	13.71	16.39	16.99	21.01	19.05	20.98	23.15	24.47	24.06	25.17	26.97	28.30	31.73	33.29	32.71	30.61	25.81	30.06	23.76	19.85
61755	-0.42	-0.42	-0.21	-0.21	-0.20	-0.28	-0.25	-0.30	-0.34	-0.32	-0.37	-0.42	-0.34	-0.37	-0.45	-0.39	-0.32	-0.30	-0.44	-0.40	-0.40	-0.45	-0.56	-0.58
	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	18.73	16.82	-2.83	13.12	14.88	17.93	18.52	22.59	20.77	22.75	25.00	26.54	25.89	27.01	28.96	30.24	33.70	35.35	34.96	32.87	27.27	32.20	26.48	21.36
61845	1.24	1.18	0.90	0.82	0.96	1.25	1.25	1.49	1.39	1.45	1.57	1.66	1.49	1.48	1.55	1.56	1.65	1.76	1.80	1.76	1.54	1.70	1.51	1.45
	0.00	0.00	17.35	0.00	0.00	0.00	-0.02	0.21	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.47	0.00	-0.64	0.52

O H 61846	17.61 0.12 0.00	15.52 -0.12 0.00	13.32 -0.31 0.00	11.98 -0.32 0.00	13.56 -0.36 0.00	16.36 -0.31 0.00	16.93 -0.32 0.00	20.71 -0.60 0.00	18.64 -0.74 0.00	20.52 -0.78 0.00	22.54 -0.97 0.00	23.32 -0.95 0.61	23.66 -0.74 0.00	25.08 -0.45 0.00	27.15 -0.27 0.00	28.36 -0.32 0.00	31.77 -0.28 0.00	33.18 -0.41 0.00	33.03 -0.12 0.00	30.82 -0.18 0.00	25.90 -0.30 0.00	30.61 0.11 0.00	24.66 0.34 0.00	-0.87 0.04 21.33
PJM 61847	18.12 0.62 0.00	16.10 0.46 0.00	13.82 0.19 0.00	12.44 0.14 0.00	14.11 0.19 0.00	17.03 0.36 0.00	17.67 0.42 0.00	21.63 0.53 0.21	19.80 0.41 0.00	21.66 0.36 0.00	23.84 0.33 0.00	25.64 0.42 -0.34	24.85 0.45 0.00	26.06 0.53 0.00	30.36 0.76 -2.17	30.74 0.72 -1.33	33.02 0.71 -0.27	34.08 0.49 0.00	33.89 0.74 0.00	31.73 0.73 0.00	26.78 0.58 0.00	31.42 0.91 0.00	25.92 0.95 -0.64	20.65 0.74 0.52
WEST 61752	17.98 0.49 0.00	15.80 0.16 0.00	13.53 -0.10 0.00	12.16 -0.13 0.00	13.74 -0.17 0.00	16.60 -0.07 0.00	17.19 -0.06 0.00	21.01 -0.30 0.00	18.95 -0.44 0.00	20.91 -0.39 0.00	23.02 -0.50 0.00	26.65 -0.39 -2.15	24.26 -0.14 0.00	25.78 0.24 0.00	38.34 0.51 -10.41	35.56 0.50 -6.39	33.98 0.64 -1.29	34.15 0.56 0.00	33.98 0.82 0.00	31.66 0.66 0.00	26.56 0.36 0.00	31.41 0.91 0.00	25.32 0.99 0.00	20.95 0.52 0.00