

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/12/2016

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	15.45	14.28	12.71	7.97	12.71	15.47	18.61	16.08	18.51	20.18	19.06	20.09	21.00	22.30	22.49	22.47	27.17	30.10	26.27	19.13	21.54	19.92	18.35	17.65
61757	0.98	0.90	0.77	0.50	0.78	0.93	1.18	1.02	1.27	1.38	1.29	1.37	1.41	1.48	1.43	1.48	1.78	2.02	1.81	1.32	1.48	1.37	1.26	1.19
	0.04	0.00	-0.62	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	14.57	13.47	11.41	7.51	12.03	14.70	17.74	15.36	17.58	19.15	17.99	19.03	19.93	21.21	21.43	21.40	25.84	28.51	24.73	18.07	20.43	18.88	17.34	16.71
61754	0.12	0.09	0.03	0.04	0.10	0.16	0.32	0.30	0.33	0.34	0.23	0.30	0.34	0.39	0.37	0.41	0.44	0.43	0.27	0.26	0.37	0.33	0.25	0.24
	0.07	0.00	-0.06	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
DUNWOD	15.94	14.64	12.80	8.10	12.92	15.68	18.88	16.38	18.92	20.68	19.62	20.65	21.61	22.99	23.24	23.16	28.06	31.01	26.97	19.61	22.05	20.44	18.80	18.16
61760	1.43	1.26	1.02	0.63	0.99	1.14	1.45	1.32	1.67	1.87	1.85	1.92	2.03	2.17	2.18	2.17	2.67	2.93	2.51	1.81	1.99	1.89	1.71	1.69
	0.00	0.00	-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
GENESE	14.45	13.30	11.21	7.38	11.82	14.61	17.72	15.28	17.43	19.00	17.79	18.83	19.79	21.06	21.32	21.30	25.66	28.27	24.53	18.00	20.32	18.75	17.24	16.63
61753	-0.02	-0.07	-0.16	-0.09	-0.11	0.06	0.29	0.23	0.18	0.19	0.03	0.11	0.20	0.23	0.25	0.30	0.27	0.19	0.07	0.19	0.26	0.21	0.16	0.16
	0.05	0.00	-0.05	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	10.38	12.93	10.96	6.91	11.56	14.12	16.90	14.59	17.24	18.18	17.19	18.09	18.90	20.08	20.35	20.20	24.45	27.08	23.79	17.32	19.51	18.03	16.62	16.01
61844	-0.51	-0.44	-0.37	-0.24	-0.38	-0.42	-0.52	-0.47	-0.54	-0.62	-0.57	-0.63	-0.69	-0.75	-0.72	-0.78	-0.94	-1.00	-0.67	-0.49	-0.55	-0.52	-0.47	-0.45
	3.62	0.00	0.00	0.31	0.00	0.00	0.00	0.00	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	15.89	14.60	12.77	8.09	12.90	15.67	18.86	16.35	18.89	20.64	19.56	20.62	21.58	22.95	23.20	23.14	28.03	30.98	26.95	19.61	22.05	20.41	18.77	18.12
61758	1.37	1.22	0.99	0.62	0.97	1.13	1.44	1.29	1.65	1.83	1.80	1.89	2.00	2.13	2.14	2.15	2.64	2.90	2.49	1.81	1.99	1.87	1.68	1.65
	0.00	0.00	-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
LONGIL	16.43	15.30	13.38	8.20	13.00	15.78	19.17	16.71	19.93	34.95	19.95	20.87	21.87	23.42	23.85	25.49	31.17	34.71	30.15	38.81	35.47	39.08	25.65	18.30
61762	1.66	1.46	1.18	0.73	1.06	1.24	1.74	1.66	2.08	2.39	2.19	2.15	2.28	2.60	2.60	2.58	3.13	3.48	3.13	2.29	2.54	2.33	2.02	1.84
	-0.25	-0.47	-0.88	0.00	0.00	0.00	0.00	0.00	-0.60	-13.76	0.00	0.00	0.00	0.00	-0.18	-1.92	-2.65	-3.15	-2.56	-18.71	-12.87	-18.20	-6.54	0.00
MHK VL	14.42	13.72	11.66	7.66	12.25	14.97	18.08	15.67	18.02	19.67	18.56	19.59	20.49	21.72	21.98	21.84	26.41	29.20	25.55	18.65	21.04	19.40	17.78	17.08
61756	0.39	0.34	0.28	0.19	0.32	0.43	0.66	0.61	0.77	0.86	0.80	0.86	0.91	0.90	0.91	0.85	1.02	1.12	1.09	0.84	0.98	0.85	0.70	0.61
	0.48	0.00	-0.05	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	15.94	14.64	12.80	8.10	12.91	15.68	18.89	16.40	19.06	20.76	19.63	20.67	21.64	23.02	23.28	23.21	28.12	31.07	27.03	19.66	22.10	20.47	18.81	18.17
61759	1.42	1.26	1.02	0.63	0.98	1.14	1.47	1.34	1.82	1.95	1.87	1.95	2.06	2.20	2.21	2.22	2.73	2.99	2.57	1.86	2.04	1.93	1.73	1.70
	0.00	0.00	-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
N.Y.C.	16.06	14.75	12.89	8.16	13.01	15.79	19.01	16.50	19.06	20.83	19.85	20.78	21.75	23.13	23.39	23.30	28.23	31.19	27.11	19.71	22.14	20.56	18.91	18.29
61761	1.55	1.38	1.11	0.69	1.08	1.25	1.58	1.44	1.81	2.02	2.01	2.06	2.16	2.30	2.32	2.31	2.84	3.11	2.65	1.90	2.09	2.01	1.82	1.82
	0.00	0.00	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	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
NORTH	10.86	13.03	11.05	7.29	11.66	14.25	17.03	14.79	16.97	18.49	17.44	18.39	19.19	20.18	20.56	20.20	24.44	27.15	24.08	17.54	19.69	18.15	16.72	16.03
61755	-0.42	-0.35	-0.28	-0.18	-0.27	-0.29	-0.40	-0.27	-0.27	-0.32	-0.32	-0.34	-0.39	-0.65	-0.51	-0.79	-0.95	-0.93	-0.38	-0.27	-0.36	-0.39	-0.37	-0.43
	3.24	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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	15.64	14.42	12.74	7.70	12.91	15.51	18.60	15.57	19.07	20.22	19.12	20.16	21.07	22.39	22.52	22.58	27.33	30.20	26.32	19.14	21.53	19.97	18.45	20.72
61845	1.13	1.04	0.88	0.55	0.86	0.97	1.18	1.02	1.29	1.41	1.36	1.43	1.49	1.57	1.54	1.59	1.94	2.12	1.86	1.34	1.48	1.42	1.36	1.35
	0.00	0.00	-0.54	0.31	-0.12	0.00	0.00	0.51	-0.54	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	-2.91

O H 61846	14.26 -0.21 0.04	13.13 -0.25 0.00	11.04 -0.35 -0.07	7.28 -0.19 0.00	11.64 -0.30 0.00	-1.37 -0.18 15.73	17.41 -0.02 0.00	14.94 -0.12 0.00	17.12 -0.13 0.00	18.56 -0.24 0.00	17.20 -0.56 0.00	18.24 -0.49 0.00	19.18 -0.40 0.00	20.39 -0.43 0.00	20.60 -0.46 0.00	20.59 -0.40 0.00	24.71 -0.68 0.00	27.13 -0.95 0.00	23.50 -0.96 0.00	17.35 -0.46 0.00	19.73 -0.33 0.00	18.37 -0.18 0.00	17.04 -0.05 0.00	16.57 0.11 0.00
PJM 61847	15.08 0.61 0.04	13.91 0.54 0.00	11.93 0.36 -0.25	7.40 0.25 0.31	12.32 0.38 0.00	14.68 0.44 0.29	18.09 0.67 0.00	15.65 0.60 0.00	18.63 0.84 -0.54	19.65 0.84 0.00	18.44 0.68 0.00	19.51 0.78 0.00	20.46 0.87 0.00	21.77 0.94 0.00	21.97 0.90 0.00	21.95 0.96 0.00	26.46 1.07 0.00	29.19 1.10 0.00	25.28 0.82 0.00	18.49 0.68 0.00	20.95 0.89 0.00	19.48 0.93 0.00	17.94 0.86 0.00	17.40 0.93 0.00
WEST 61752	14.50 0.03 0.04	13.33 -0.05 0.00	11.19 -0.19 -0.06	7.38 -0.09 0.00	11.80 -0.13 0.00	14.60 0.06 0.00	17.75 0.32 0.00	15.22 0.17 0.00	17.43 0.18 0.00	18.92 0.12 0.00	17.49 -0.27 0.00	18.54 -0.19 0.00	19.51 -0.07 0.00	20.73 -0.09 0.00	20.96 -0.10 0.00	20.95 -0.04 0.00	25.09 -0.30 0.00	27.55 -0.53 0.00	23.89 -0.57 0.00	17.65 -0.15 0.00	20.06 0.00 0.00	18.70 0.15 0.00	17.36 0.27 0.00	16.89 0.42 0.00