

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/05/2016

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	2.24	1.41	4.25	5.00	13.98	13.12	11.68	16.00	55.85	30.70	31.46	19.87	14.21	10.22	7.78	13.04	13.61	12.79	17.21	51.74	14.90	15.53	15.51	15.36
61757	0.15	0.09	0.28	0.34	0.94	0.90	0.83	1.15	3.98	2.16	2.19	1.42	0.97	0.71	0.55	0.93	0.94	0.87	1.02	3.36	0.92	1.00	0.98	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-2.09	-0.09	-0.15	-0.02	0.00	0.00
CENTRL	2.13	1.33	4.03	4.71	13.23	12.38	11.02	15.08	52.77	29.12	29.87	18.74	13.47	9.69	7.36	12.30	12.84	12.05	14.28	49.09	14.01	14.65	14.64	14.62
61754	0.04	0.02	0.06	0.05	0.19	0.17	0.17	0.22	0.90	0.57	0.61	0.29	0.24	0.17	0.12	0.19	0.16	0.18	0.19	0.80	0.18	0.13	0.10	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	2.32	1.45	4.37	5.13	14.37	13.49	12.03	16.57	57.71	31.68	32.49	20.54	15.85	11.81	9.36	13.74	14.38	14.84	59.95	55.68	18.70	17.32	18.65	17.44
61760	0.22	0.14	0.41	0.47	1.33	1.28	1.18	1.71	5.83	3.13	3.23	2.09	1.51	1.11	0.85	1.44	1.50	1.42	1.62	5.38	1.58	1.67	1.61	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.10	-1.18	-1.28	-0.19	-0.21	-1.55	-44.23	-2.02	-3.29	-1.14	-2.51	-1.45
GENESE	2.07	1.29	3.92	4.57	12.90	12.06	10.73	14.55	51.05	28.21	29.02	18.18	13.09	9.38	7.11	11.88	12.39	11.61	13.74	47.45	13.51	14.07	14.05	14.10
61753	-0.02	-0.02	-0.05	-0.10	-0.15	-0.15	-0.12	-0.30	-0.82	-0.34	-0.24	-0.27	-0.15	-0.13	-0.12	-0.23	-0.28	-0.27	-0.36	-0.84	-0.33	-0.44	-0.48	-0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	2.03	1.27	3.84	4.53	12.66	11.83	10.49	14.35	50.12	27.58	28.28	17.85	12.80	9.19	6.98	11.69	12.25	11.48	13.65	46.78	13.41	14.09	14.14	14.14
61844	-0.07	-0.05	-0.12	-0.13	-0.38	-0.38	-0.36	-0.51	-1.75	-0.97	-0.98	-0.60	-0.43	-0.32	-0.25	-0.42	-0.42	-0.39	-0.45	-1.50	-0.42	-0.42	-0.40	-0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	2.31	1.45	4.37	5.12	14.35	13.47	12.02	16.55	57.69	31.69	32.47	20.51	14.48	10.34	7.79	13.47	14.08	14.00	53.37	55.36	18.03	16.46	15.57	15.65
61758	0.22	0.14	0.40	0.46	1.31	1.26	1.17	1.70	5.82	3.14	3.21	2.06	1.47	1.07	0.82	1.39	1.45	1.38	1.62	5.35	1.56	1.63	1.56	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.25	0.27	0.04	0.04	-0.74	-37.66	-1.72	-2.63	-0.32	0.52	0.30
LONGIL	27.07	1.49	4.50	5.28	14.83	13.94	12.33	17.11	59.87	41.54	33.70	21.26	21.24	17.39	15.22	14.99	20.89	17.55	60.44	57.27	19.84	20.49	72.23	41.73
61762	0.30	0.18	0.54	0.62	1.79	1.73	1.48	2.25	8.00	4.28	4.43	2.80	1.94	1.45	1.12	1.87	1.95	1.77	2.12	6.96	2.01	2.15	2.16	2.10
	-24.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.71	0.00	0.00	-6.06	-6.42	-6.86	-1.01	-6.26	-3.91	-44.23	-2.02	-3.99	-3.83	-55.53	-25.14
MHK VL	2.15	1.35	4.07	4.79	13.42	12.56	11.18	15.35	53.71	29.58	30.30	19.07	13.68	9.82	7.47	12.50	13.06	12.31	16.85	49.96	14.44	14.98	14.94	14.85
61756	0.06	0.04	0.10	0.13	0.38	0.35	0.33	0.50	1.85	1.03	1.04	0.62	0.44	0.31	0.23	0.39	0.39	0.38	0.46	1.57	0.43	0.44	0.40	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	0.00	0.00	0.00	-0.06	-2.29	-0.11	-0.17	-0.03	0.00	0.00
MILLWD	2.32	1.45	4.37	5.13	14.37	13.49	12.04	16.58	57.80	31.74	32.55	20.56	14.56	10.42	7.85	13.51	14.12	14.20	59.54	55.72	18.50	16.61	15.71	15.72
61759	0.22	0.14	0.41	0.47	1.33	1.28	1.19	1.73	5.93	3.20	3.28	2.11	1.51	1.11	0.85	1.43	1.49	1.42	1.64	5.43	1.59	1.67	1.60	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.21	0.24	0.04	0.04	-0.90	-43.80	-2.00	-3.07	-0.42	0.43	0.27
N.Y.C.	2.34	1.46	4.40	5.17	14.45	13.57	12.12	16.69	58.06	31.87	32.67	20.67	22.36	18.69	16.67	14.90	15.67	18.00	59.99	55.88	19.72	20.94	32.86	25.60
61761	0.24	0.15	0.44	0.50	1.41	1.36	1.27	1.84	6.19	3.32	3.41	2.22	1.63	1.20	0.92	1.53	1.60	1.51	1.67	5.58	1.68	1.80	1.73	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.50	-7.97	-8.52	-1.26	-1.40	-4.61	-44.22	-2.02	-4.21	-4.63	-16.59	-9.48
NORTH	2.00	1.25	3.80	4.51	12.59	11.72	10.34	14.13	49.52	27.26	27.92	17.65	12.66	9.09	6.90	11.57	12.15	11.38	13.55	46.54	13.37	14.10	14.16	14.14
61755	-0.09	-0.06	-0.17	-0.15	-0.45	-0.49	-0.51	-0.72	-2.35	-1.29	-1.34	-0.79	-0.57	-0.43	-0.34	-0.55	-0.53	-0.49	-0.55	-1.75	-0.47	-0.41	-0.38	-0.34
	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	0.00	0.00	0.00
NPX	2.28	1.44	3.67	5.78	16.35	14.39	11.92	16.38	57.03	31.26	31.50	20.82	14.60	10.62	8.12	13.39	13.93	13.79	43.17	54.04	17.05	16.30	17.35	14.71
61845	0.19	0.12	0.37	0.45	1.26	1.19	1.07	1.53	5.16	2.71	2.76	1.84	1.28	0.97	0.73	1.25	1.29	1.21	1.37	4.49	1.26	1.38	1.34	1.16
	0.00	0.00	0.66	-0.67	-2.05	-0.99	0.00	0.00	0.00	0.00	0.52	-0.53	-0.09	-0.14	-0.15	-0.02	0.03	-0.70	-27.70	-1.26	-1.95	-0.40	-1.48	0.95

O H 61846	2.05 -0.04 0.00	1.27 -0.04 0.00	3.88 -0.08 0.00	4.52 -0.15 0.00	12.80 -0.24 0.00	11.94 -0.27 0.00	10.57 -0.28 0.00	14.22 -0.63 0.00	49.82 -2.04 0.00	27.52 -1.03 0.00	28.32 -0.94 0.00	17.70 -0.75 0.00	12.77 -0.46 0.00	9.16 -0.35 0.00	6.95 -0.28 0.00	11.62 -0.49 0.00	12.09 -0.59 0.00	11.31 -0.59 -0.03	13.31 -0.86 -0.07	46.04 -2.25 0.00	13.08 -0.76 0.00	13.64 -0.87 0.00	13.65 -0.88 0.00	13.82 -0.67 0.00
PJM 61847	2.19 0.10 0.00	1.37 0.06 0.00	4.16 0.19 0.00	4.86 0.20 0.00	13.68 0.63 0.00	12.79 0.58 0.00	11.36 0.51 0.00	15.54 0.69 0.00	54.21 2.34 0.00	29.85 1.30 0.00	30.60 1.33 0.00	19.22 0.77 0.00	13.44 0.60 0.39	9.55 0.45 0.42	7.13 0.35 0.45	12.64 0.60 0.07	13.17 0.58 0.07	12.68 0.54 -0.26	34.43 0.54 -19.79	51.23 2.04 -0.90	15.72 0.54 -1.34	15.08 0.55 -0.02	14.17 0.50 0.87	14.54 0.55 0.50
WEST 61752	2.08 -0.02 0.00	1.29 -0.02 0.00	3.92 -0.04 0.00	4.55 -0.11 0.00	12.90 -0.14 0.00	12.05 -0.16 0.00	10.67 -0.18 0.00	14.35 -0.50 0.00	50.42 -1.45 0.00	27.85 -0.70 0.00	28.67 -0.59 0.00	17.91 -0.54 0.00	12.92 -0.31 0.00	9.26 -0.25 0.00	7.01 -0.22 0.00	11.72 -0.39 0.00	12.18 -0.49 0.00	11.38 -0.50 0.00	13.37 -0.73 0.00	46.58 -1.71 0.00	13.23 -0.61 0.00	13.77 -0.74 0.00	13.78 -0.76 0.00	13.96 -0.53 0.00