

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/01/2016

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	24.93	22.85	22.50	21.29	22.38	22.47	26.09	30.48	32.19	32.19	29.68	27.25	27.81	28.56	26.42	22.19	21.06	21.59	21.13	24.10	24.21	23.42	21.61	16.44
61757	1.66	1.53	1.46	1.41	1.51	1.55	1.61	2.18	2.26	2.19	1.99	1.82	1.86	1.87	1.75	1.43	1.34	1.45	1.49	1.69	1.68	1.64	1.52	1.12
	0.00	0.00	0.00	0.00	0.00	0.00	-3.54	0.00	0.00	0.00	0.00	0.00	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	23.31	21.36	21.09	19.87	20.86	20.94	21.25	28.31	29.97	30.11	27.80	25.61	26.13	26.86	24.86	20.94	19.92	20.33	19.79	22.57	22.65	21.84	20.12	15.35
61754	0.05	0.05	0.05	-0.01	-0.01	0.02	-0.04	0.01	0.05	0.11	0.11	0.18	0.18	0.16	0.19	0.18	0.20	0.19	0.16	0.16	0.11	0.06	0.03	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	-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
DUNWOD	25.76	23.58	23.10	21.81	22.89	23.02	25.53	31.18	32.93	32.88	30.27	27.75	28.30	29.22	27.09	22.75	21.60	22.13	21.55	24.57	24.73	24.03	22.16	16.86
61760	2.49	2.26	2.06	1.93	2.01	2.10	2.88	3.00	2.88	2.59	2.32	2.34	2.53	2.42	1.99	1.87	2.00	1.92	1.92	2.16	2.20	2.25	2.07	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	-2.49	0.00	0.00	0.00	0.00	0.00	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	22.90	21.06	20.83	19.56	20.53	20.65	20.72	27.58	29.33	29.73	27.58	25.49	25.92	26.64	24.67	20.85	19.83	20.23	19.66	22.32	22.39	21.52	19.84	15.18
61753	-0.36	-0.25	-0.21	-0.32	-0.35	-0.27	-0.51	-0.73	-0.59	-0.27	-0.11	0.06	-0.03	-0.06	0.00	0.09	0.10	0.10	0.02	-0.09	-0.15	-0.26	-0.25	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00	0.00	0.00	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	22.54	20.63	20.42	19.31	20.27	20.33	20.37	27.51	29.11	29.22	26.97	24.76	25.27	25.87	23.97	20.17	19.17	19.50	19.03	21.74	21.89	21.14	19.50	14.89
61844	-0.72	-0.68	-0.62	-0.57	-0.61	-0.59	-0.57	-0.79	-0.82	-0.78	-0.72	-0.67	-0.68	-0.72	-0.70	-0.58	-0.55	-0.64	-0.61	-0.67	-0.65	-0.64	-0.59	-0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	25.66	23.48	23.02	21.75	22.82	22.95	25.46	31.11	32.88	32.85	30.27	27.77	28.34	29.25	27.12	22.80	21.66	22.19	21.62	24.64	24.79	24.03	22.14	16.82
61758	2.40	2.17	1.99	1.86	1.95	2.02	2.04	2.81	2.95	2.85	2.59	2.34	2.39	2.56	2.45	2.05	1.93	2.06	1.98	2.23	2.26	2.25	2.04	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	-2.48	0.00	0.00	0.00	0.00	0.00	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	48.99	54.18	35.89	44.52	46.71	47.89	47.73	48.34	48.21	47.20	35.16	28.49	29.06	30.26	27.74	22.88	21.65	21.44	21.65	24.80	25.00	24.59	24.60	44.58
61762	3.18	2.89	2.65	2.48	2.58	2.68	2.68	3.69	3.95	3.86	3.42	3.05	3.11	3.29	3.07	2.12	1.93	2.05	2.02	2.39	2.47	2.80	2.67	1.95
	-22.54	-29.98	-12.20	-22.16	-23.25	-24.29	-24.10	-16.35	-14.33	-13.34	-4.06	0.00	0.00	-0.29	0.00	0.00	0.00	0.73	0.00	0.00	0.00	-1.84	-27.30	
MHK VL	23.96	21.92	21.62	20.42	21.44	21.55	21.99	29.34	31.09	31.20	28.79	26.45	26.98	27.74	25.60	21.52	20.46	20.88	20.34	23.26	23.42	22.60	20.78	15.81
61756	0.69	0.60	0.58	0.54	0.57	0.62	0.71	1.04	1.16	1.20	1.11	1.02	1.03	1.05	0.93	0.76	0.73	0.75	0.70	0.86	0.89	0.82	0.69	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	-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
MILLWD	25.78	23.58	23.10	21.81	22.89	23.03	25.56	31.23	33.01	32.96	30.36	27.84	28.38	29.30	27.16	22.83	21.68	22.22	21.65	24.67	24.83	24.09	22.20	16.88
61759	2.51	2.27	2.06	1.93	2.02	2.11	2.12	2.92	3.08	2.96	2.68	2.41	2.43	2.61	2.50	2.07	1.95	2.09	2.01	2.26	2.30	2.31	2.11	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	-2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	27.03	24.91	23.28	21.97	23.04	23.19	25.68	31.45	33.17	33.07	30.42	27.86	28.40	29.51	27.21	22.99	21.68	22.22	21.62	24.65	24.84	25.10	22.29	16.98
61761	2.69	2.46	2.23	2.09	2.17	2.27	2.25	3.08	3.21	3.07	2.74	2.43	2.45	2.65	2.54	2.10	1.95	2.09	1.99	2.24	2.30	2.38	2.20	1.65
	-1.08	-1.14	0.00	0.00	0.00	0.00	-2.49	-0.07	-0.04	0.00	0.00	0.00	0.00	-0.17	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	-0.95	0.00	0.00
NORTH	22.56	20.63	20.46	19.35	20.32	20.40	20.55	27.76	29.43	29.61	27.35	25.11	25.62	26.26	24.16	20.31	19.31	19.60	19.13	21.91	22.10	21.34	19.64	15.00
61755	-0.70	-0.68	-0.57	-0.53	-0.56	-0.53	-0.39	-0.54	-0.50	-0.39	-0.33	-0.33	-0.34	-0.43	-0.51	-0.45	-0.41	-0.53	-0.51	-0.50	-0.44	-0.44	-0.45	-0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.16	23.05	22.68	21.47	22.57	22.65	25.80	30.60	32.28	32.19	29.69	27.25	27.80	28.51	26.50	22.23	21.09	21.64	21.15	24.09	24.25	23.51	21.73	16.57
61845	1.89	1.75	1.65	1.58	1.69	1.72	1.74	2.29	2.35	2.19	2.01	1.82	1.85	1.91	1.83	1.48	1.36	1.51	1.51	1.68	1.71	1.73	1.64	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	-3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00

O H 61846	22.07 -1.20 0.00	20.35 -0.96 0.00	20.20 -0.84 0.00	18.94 -0.94 0.00	19.85 -1.03 0.00	19.98 -0.94 0.00	19.93 -1.40 -0.39	26.31 -2.00 0.00	27.87 -2.05 0.00	28.30 -1.70 0.00	26.21 -1.47 0.00	24.27 -1.16 0.00	24.62 -1.33 0.00	25.26 -1.43 0.00	23.42 -1.24 0.00	19.86 -0.90 0.00	18.93 -0.79 0.00	19.35 -0.79 0.00	19.29 -0.82 -0.47	21.39 -1.02 0.00	41.41 -1.12 -20.00	20.64 -1.14 0.00	19.14 -0.95 0.00	14.72 -0.60 0.00
PJM 61847	23.85 0.58 0.00	21.88 0.57 0.00	21.55 0.51 0.00	20.29 0.40 0.00	21.28 0.40 0.00	21.42 0.50 0.00	22.61 0.32 -1.35	28.77 0.46 0.00	30.36 0.44 0.00	30.50 0.50 0.00	28.08 0.40 0.00	25.88 0.44 0.00	26.37 0.42 0.00	27.05 0.45 0.09	25.19 0.52 0.00	21.23 0.48 0.00	20.24 0.51 0.00	20.71 0.58 0.00	20.17 0.54 0.00	23.00 0.60 0.00	23.09 0.55 0.00	22.32 0.54 0.00	20.61 0.52 0.00	15.73 0.40 0.00
WEST 61752	22.43 -0.84 0.00	20.69 -0.62 0.00	20.53 -0.51 0.00	19.23 -0.66 0.00	20.16 -0.72 0.00	20.31 -0.61 0.00	20.24 -1.08 -0.37	26.74 -1.56 0.00	28.41 -1.52 0.00	28.88 -1.12 0.00	26.81 -0.88 0.00	24.84 -0.59 0.00	25.18 -0.77 0.00	25.84 -0.85 0.00	23.98 -0.69 0.00	20.33 -0.42 0.00	19.37 -0.35 0.00	19.79 -0.35 0.00	19.23 -0.41 0.00	21.81 -0.60 0.00	21.85 -0.68 0.00	21.05 -0.73 0.00	19.50 -0.59 0.00	14.99 -0.33 0.00