

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Zonal Data

05/01/2016

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	23.06	20.76	19.80	16.90	17.31	16.46	16.30	17.54	21.85	25.05	24.80	26.89	28.83	30.30	29.28	28.72	29.05	33.01	31.19	26.79	36.03	24.67	20.87	16.54
61757	1.45	1.31	1.23	1.05	1.06	1.02	1.01	1.09	1.38	1.54	1.42	1.52	1.65	1.80	1.70	1.65	1.67	1.94	1.81	1.55	2.04	1.26	1.08	0.85
	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	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	22.05	19.79	18.92	16.17	16.56	15.72	15.55	16.59	20.84	24.02	23.96	26.03	27.88	29.23	28.32	27.81	28.15	31.99	30.28	25.97	35.02	24.20	20.41	16.16
61754	0.43	0.38	0.35	0.32	0.32	0.27	0.26	0.29	0.38	0.52	0.58	0.66	0.71	0.73	0.74	0.74	0.78	0.92	0.90	0.73	1.04	0.79	0.62	0.46
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	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	23.75	21.28	20.25	17.28	17.66	16.82	16.69	17.92	22.34	25.68	25.56	27.72	29.73	31.22	30.28	29.71	29.95	34.05	32.10	27.65	37.15	25.47	21.58	17.18
61760	2.13	1.83	1.69	1.43	1.41	1.37	1.39	1.51	1.87	2.18	2.18	2.35	2.55	2.73	2.69	2.65	2.58	2.99	2.72	2.42	3.16	2.07	1.79	1.49
	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	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	21.34	19.20	18.39	15.71	16.11	15.31	15.10	16.06	20.24	23.37	23.34	25.33	27.13	28.40	27.53	27.03	27.38	30.98	29.40	25.16	34.05	23.57	19.87	15.78
61753	-0.28	-0.21	-0.17	-0.14	-0.14	-0.14	-0.20	-0.23	-0.23	-0.14	-0.04	-0.04	-0.05	-0.09	-0.06	-0.03	0.01	-0.08	0.02	-0.07	0.07	0.16	0.08	0.09
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	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	20.90	18.77	17.98	15.35	15.76	14.98	14.83	15.78	19.84	22.78	22.66	24.59	26.34	27.59	26.70	26.19	26.50	30.03	28.43	24.41	32.89	22.68	19.19	15.20
61844	-0.71	-0.63	-0.59	-0.50	-0.49	-0.47	-0.46	-0.50	-0.63	-0.73	-0.72	-0.78	-0.84	-0.91	-0.89	-0.88	-0.88	-1.03	-0.95	-0.83	-1.09	-0.73	-0.60	-0.49
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	23.59	21.15	20.15	17.20	17.59	16.75	16.61	17.84	22.26	25.59	25.46	27.61	29.62	31.10	30.15	29.58	29.87	33.97	32.06	27.61	37.10	25.43	21.50	17.08
61758	1.97	1.70	1.58	1.35	1.34	1.30	1.32	1.43	1.79	2.08	2.08	2.24	2.44	2.60	2.57	2.52	2.50	2.91	2.68	2.37	3.12	2.02	1.71	1.39
	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	-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
LONGIL	24.16	21.65	20.57	17.53	17.94	17.09	17.03	18.30	22.75	26.08	26.08	28.22	30.31	31.80	30.88	30.26	30.23	34.49	32.53	28.06	37.77	25.72	21.82	17.43
61762	2.54	2.20	2.00	1.68	1.69	1.65	1.74	1.88	2.29	2.58	2.70	2.85	3.13	3.31	3.30	3.19	2.86	3.43	3.15	2.82	3.79	2.31	2.03	1.74
	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MHK VL	22.27	19.98	19.10	16.30	16.70	15.87	15.74	16.78	21.10	24.31	24.19	26.26	28.14	29.48	28.53	27.99	28.34	32.20	30.43	26.15	35.24	24.26	20.48	16.21
61756	0.65	0.56	0.53	0.45	0.45	0.43	0.44	0.47	0.63	0.80	0.82	0.89	0.96	0.98	0.94	0.92	0.96	1.14	1.06	0.91	1.26	0.85	0.69	0.52
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	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	23.80	21.33	20.30	17.32	17.71	16.86	16.73	17.97	22.42	25.79	25.67	27.84	29.86	31.37	30.41	29.84	30.10	34.25	32.28	27.81	37.36	25.61	21.67	17.23
61759	2.18	1.88	1.73	1.46	1.46	1.42	1.43	1.56	1.95	2.28	2.29	2.47	2.68	2.87	2.82	2.78	2.73	3.18	2.91	2.57	3.38	2.20	1.88	1.54
	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	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.	23.86	21.38	20.34	17.36	17.73	16.89	16.76	18.00	22.45	25.80	25.65	27.82	29.51	31.14	30.37	29.79	29.95	33.67	31.76	27.55	36.47	25.51	21.62	17.24
61761	2.25	1.94	1.78	1.51	1.49	1.45	1.47	1.59	1.98	2.29	2.27	2.46	2.66	2.82	2.80	2.74	2.67	3.06	2.77	2.46	3.19	2.10	1.83	1.55
	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.01	0.32	0.18	0.00	0.02	0.09	0.46	0.38	0.14	0.70	0.00	0.00	0.00
NORTH	20.67	18.56	17.79	15.19	15.61	14.85	14.72	15.67	19.74	22.67	22.56	24.49	26.20	27.39	26.46	25.94	26.23	29.71	28.14	24.18	32.62	22.54	19.10	15.12
61755	-0.95	-0.84	-0.77	-0.66	-0.64	-0.59	-0.57	-0.60	-0.73	-0.84	-0.82	-0.88	-0.98	-1.11	-1.12	-1.13	-1.14	-1.35	-1.24	-1.06	-1.36	-0.87	-0.69	-0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.31	20.95	19.98	17.05	17.44	16.60	16.47	17.69	22.01	25.26	25.03	27.11	29.21	30.76	29.72	29.13	29.43	33.47	33.44	27.85	36.52	24.98	21.20	16.52
61845	1.69	1.50	1.41	1.19	1.19	1.16	1.17	1.26	1.54	1.75	1.65	1.74	2.04	2.26	2.14	2.07	2.06	2.40	2.26	1.98	2.54	1.57	1.41	1.15
	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.80	-0.64	0.00	0.00	0.00	0.32

O H 61846	20.81 -0.80 0.00	18.84 -0.57 -0.01	18.10 -0.47 0.00	15.50 -0.35 0.00	15.89 -0.36 0.00	15.03 -0.42 0.00	14.72 -0.57 0.00	15.57 -0.74 -0.03	19.49 -0.97 0.00	22.50 -1.01 0.00	22.49 -0.89 0.00	24.36 -1.02 0.00	26.06 -1.13 0.00	27.23 -1.27 0.00	26.45 -1.13 0.00	25.99 -1.08 0.00	26.50 -0.87 0.00	30.24 -0.82 0.00	28.73 -0.65 0.00	24.52 -0.72 0.00	33.15 -0.82 0.00	23.12 -0.28 0.00	19.60 -0.19 0.00	15.65 -0.04 0.00
PJM 61847	22.86 1.25 0.00	20.52 1.09 -0.03	19.57 1.01 0.00	16.73 0.87 0.00	17.12 0.86 0.00	16.24 0.80 0.00	16.07 0.78 0.00	17.18 0.81 -0.10	21.43 0.96 0.00	24.67 1.16 0.00	24.57 1.19 0.00	26.65 1.28 0.00	28.56 1.38 0.00	29.96 1.47 0.00	29.07 1.49 0.00	28.55 1.48 0.00	28.87 1.50 0.00	32.88 1.81 0.00	31.05 1.67 0.00	26.66 1.42 0.00	35.87 1.89 0.00	24.76 1.35 0.00	20.97 1.18 0.00	16.68 0.99 0.00
WEST 61752	20.92 -0.69 0.00	18.98 -0.44 -0.01	18.24 -0.32 0.00	15.61 -0.24 0.00	16.00 -0.25 0.00	15.15 -0.30 0.00	14.79 -0.50 0.00	15.61 -0.70 -0.03	19.60 -0.87 0.00	22.68 -0.82 0.00	22.71 -0.67 0.00	24.60 -0.77 0.00	26.31 -0.86 0.00	27.46 -1.04 0.00	26.69 -0.89 0.00	26.22 -0.85 0.00	26.80 -0.57 0.00	30.59 -0.48 0.00	29.11 -0.27 0.00	24.84 -0.39 0.00	33.68 -0.31 0.00	23.49 0.08 0.00	19.90 0.12 0.00	15.91 0.22 0.00