

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/19/2018

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	25.41	24.47	24.07	22.39	23.75	23.67	25.57	23.26	20.29	23.50	24.06	19.97	19.03	20.97	21.65	20.37	21.88	22.95	25.36	25.82	28.09	28.24	26.77	22.85
61757	1.60	1.55	1.51	1.45	1.59	1.58	1.68	1.55	1.33	1.52	1.52	1.22	1.14	1.24	1.27	1.20	1.28	1.42	1.56	1.60	1.81	1.79	1.59	1.36
	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	0.00	0.00
CENTRL	24.16	23.15	22.78	21.18	22.43	22.34	24.24	22.04	19.29	22.43	23.06	19.23	18.38	20.25	20.95	19.72	21.18	22.12	24.51	24.90	26.97	27.17	25.97	22.16
61754	0.34	0.23	0.22	0.23	0.27	0.28	0.35	0.33	0.33	0.45	0.52	0.48	0.48	0.52	0.57	0.55	0.58	0.59	0.70	0.68	0.69	0.72	0.79	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	26.15	25.03	24.59	22.81	24.16	24.11	26.06	23.79	20.79	24.18	24.77	20.49	19.51	21.50	22.18	20.82	22.29	23.30	25.66	26.17	28.45	28.65	27.24	23.33
61760	2.33	2.11	2.03	1.87	1.99	2.02	2.17	2.08	1.83	2.20	2.23	1.74	1.61	1.76	1.81	1.65	1.69	1.77	1.86	1.95	2.18	2.19	2.06	1.84
	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	0.00	0.00
GENESE	23.70	22.69	22.28	20.64	21.87	21.78	23.69	21.57	18.80	21.89	22.57	18.87	18.10	19.94	20.67	19.44	20.92	21.80	24.21	24.59	26.61	26.90	26.01	22.22
61753	-0.12	-0.23	-0.28	-0.30	-0.30	-0.29	-0.20	-0.14	-0.16	-0.09	0.03	0.12	0.20	0.22	0.30	0.27	0.32	0.27	0.40	0.37	0.34	0.44	0.83	0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.05	22.25	21.91	20.28	21.45	21.34	23.12	21.01	18.35	21.27	21.78	18.14	17.31	19.09	19.71	18.55	19.98	20.86	23.10	23.52	25.48	25.66	24.38	20.77
61844	-0.77	-0.67	-0.66	-0.67	-0.72	-0.72	-0.77	-0.70	-0.60	-0.72	-0.75	-0.61	-0.58	-0.64	-0.66	-0.62	-0.62	-0.66	-0.70	-0.70	-0.79	-0.79	-0.80	-0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	26.04	24.92	24.47	22.73	24.06	24.01	25.95	23.68	20.71	24.09	24.69	20.45	19.48	21.49	22.18	20.84	22.33	23.34	25.69	26.20	28.49	28.65	27.24	23.29
61758	2.22	2.00	1.92	1.78	1.90	1.92	2.06	1.97	1.75	2.11	2.16	1.70	1.58	1.76	1.81	1.67	1.72	1.81	1.89	1.98	2.21	2.20	2.06	1.80
	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	0.00	0.00
LONGIL	27.04	25.91	25.42	23.56	24.99	25.02	26.99	24.97	26.18	25.14	25.65	21.16	20.08	22.06	22.74	21.33	22.88	23.95	26.36	26.86	29.04	31.11	31.82	23.70
61762	3.22	2.97	2.85	2.61	2.82	2.93	3.10	2.94	2.71	3.14	3.12	2.41	2.19	2.33	2.36	2.16	2.28	2.42	2.56	2.64	2.76	2.74	2.61	2.21
	0.00	-0.02	-0.01	-0.01	-0.01	-0.03	-0.01	-0.32	-4.51	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.91	-4.03	0.00
MHK VL	24.70	23.69	23.31	21.63	22.88	22.78	24.69	22.48	19.70	22.91	23.53	19.60	18.72	20.63	21.30	20.03	21.53	22.50	24.90	25.35	27.51	27.66	26.25	22.34
61756	0.88	0.76	0.75	0.69	0.72	0.72	0.80	0.77	0.74	0.93	0.99	0.85	0.82	0.90	0.92	0.86	0.93	0.97	1.10	1.13	1.24	1.20	1.08	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	26.12	24.99	24.54	22.78	24.12	24.07	26.01	23.75	20.77	24.16	24.77	20.50	19.52	21.52	22.21	20.86	22.33	23.34	25.71	26.21	28.49	28.67	27.26	23.32
61759	2.30	2.07	1.98	1.83	1.95	1.98	2.12	2.04	1.81	2.18	2.23	1.75	1.63	1.79	1.84	1.69	1.73	1.81	1.90	1.99	2.22	2.22	2.08	1.83
	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	0.00	0.00
N.Y.C.	26.50	25.38	24.91	23.12	24.47	24.42	26.41	24.31	21.10	24.53	25.11	20.77	19.78	21.78	22.48	21.08	22.54	23.56	25.94	26.50	28.79	29.02	27.64	23.66
61761	2.68	2.46	2.35	2.17	2.31	2.34	2.53	2.43	2.14	2.55	2.57	2.02	1.89	2.05	2.11	1.91	1.94	2.03	2.14	2.28	2.52	2.56	2.46	2.17
	0.00	0.00	0.00	0.00	0.00	-0.02	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
NORTH	23.08	22.27	21.98	20.27	21.45	21.31	23.12	21.01	18.39	21.30	21.80	18.20	17.37	19.15	19.77	18.61	20.13	21.05	23.36	23.80	25.73	25.90	24.51	20.83
61755	-0.74	-0.65	-0.58	-0.68	-0.72	-0.75	-0.77	-0.70	-0.57	-0.68	-0.74	-0.55	-0.53	-0.58	-0.60	-0.55	-0.47	-0.48	-0.44	-0.42	-0.54	-0.55	-0.67	-0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.63	24.58	24.18	22.44	24.41	23.79	25.69	23.41	21.44	23.10	24.16	20.03	19.07	21.03	21.68	20.39	21.85	22.89	25.25	25.67	28.43	29.13	26.23	22.83
61845	1.78	1.66	1.62	1.54	1.70	1.71	1.80	1.67	1.44	1.61	1.63	1.28	1.17	1.30	1.30	1.22	1.25	1.37	1.45	1.45	1.69	1.72	1.57	1.42
	-0.03	0.00	0.00	0.05	-0.54	-0.03	0.00	-0.03	-1.04	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-0.96	0.51	0.08

O H 61846	23.18 -0.64 0.00	22.18 -0.74 0.00	21.80 -0.76 0.00	20.22 -0.72 0.00	21.47 -0.70 0.00	21.37 -0.70 0.00	23.28 -0.60 0.00	21.18 -0.53 0.00	18.40 -0.56 0.00	21.42 -0.56 0.00	22.05 -0.49 0.00	18.40 -0.35 0.00	17.62 -0.28 0.00	19.38 -0.35 0.00	20.12 -0.26 0.00	18.89 -0.28 0.00	20.31 -0.30 0.00	21.10 -0.43 0.00	23.51 -0.30 0.00	23.89 -0.33 0.00	25.78 -0.50 0.00	26.19 -0.26 0.00	25.64 0.47 0.00	22.28 0.52 -0.27
PJM 61847	24.84 1.03 0.00	23.74 0.82 0.00	23.35 0.79 0.00	21.71 0.77 0.00	23.02 0.86 0.00	22.95 0.87 -0.01	24.90 1.01 0.00	22.70 0.98 -0.01	19.83 0.87 0.00	23.09 1.10 0.00	23.69 1.15 0.00	19.66 0.91 0.00	18.75 0.86 0.00	20.68 0.95 0.00	21.38 1.00 0.00	20.09 0.92 0.00	21.54 0.94 0.00	22.47 0.94 0.00	24.84 1.04 0.00	25.29 1.07 0.00	27.39 1.11 0.00	27.66 1.21 0.00	26.52 1.35 0.00	22.71 1.22 0.00
WEST 61752	23.62 -0.20 0.00	22.58 -0.34 0.00	22.17 -0.39 0.00	20.56 -0.39 0.00	21.80 -0.36 0.00	21.71 -0.36 0.00	23.67 -0.22 0.00	21.53 -0.18 0.00	18.72 -0.24 0.00	21.81 -0.18 0.00	22.48 -0.06 0.00	18.79 0.04 0.00	18.02 0.12 0.00	19.83 0.10 0.00	20.58 0.20 0.00	19.32 0.15 0.00	20.78 0.18 0.00	21.61 0.08 0.00	24.07 0.27 0.00	24.45 0.23 0.00	26.40 0.12 0.00	26.82 0.37 0.00	26.29 1.12 0.00	22.54 1.06 0.00