

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/20/2019

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	19.30	19.51	20.00	19.55	18.60	20.97	20.67	21.47	18.40	18.90	22.61	21.71	20.89	21.90	21.10	23.61	25.01	25.47	28.39	29.07	24.64	24.42	22.12	19.27
61757	0.90	0.94	0.90	0.92	0.89	0.99	1.07	1.09	0.91	0.89	1.04	1.00	0.94	1.02	0.97	1.11	1.23	1.25	1.38	1.36	1.14	1.12	1.01	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	0.00
CENTRL	18.48	18.66	19.19	18.72	17.80	20.12	19.72	19.09	17.65	18.23	21.84	20.95	20.16	21.08	20.32	22.68	23.98	24.42	27.29	28.10	23.83	23.62	20.93	18.67
61754	0.08	0.08	0.10	0.09	0.09	0.13	0.12	0.10	0.16	0.21	0.27	0.24	0.21	0.20	0.19	0.18	0.19	0.20	0.28	0.39	0.33	0.32	0.24	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	
DUNWOD	19.41	19.53	20.03	19.52	18.56	21.00	20.66	21.09	18.71	19.29	23.10	22.20	21.40	22.42	21.63	24.13	25.44	25.86	28.82	29.51	25.05	24.97	22.43	19.61
61760	1.01	0.96	0.94	0.89	0.86	1.02	1.06	1.13	1.22	1.28	1.54	1.49	1.45	1.54	1.50	1.64	1.67	1.64	1.81	1.80	1.54	1.67	1.45	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	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	-0.36	0.00
GENESE	18.15	18.33	18.86	18.39	17.50	19.79	19.36	18.65	17.27	17.90	21.43	20.54	19.73	20.59	19.90	22.20	23.45	23.83	26.76	27.63	23.45	23.19	20.49	18.25
61753	-0.25	-0.25	-0.24	-0.25	-0.20	-0.18	-0.24	-0.28	-0.21	-0.12	-0.14	-0.17	-0.22	-0.29	-0.23	-0.30	-0.33	-0.38	-0.25	-0.09	-0.06	-0.11	-0.18	-0.22
	0.00	0.00	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	0.00	0.00	0.00	0.00	-0.04	0.00
H Q	18.39	18.57	19.10	18.63	17.70	19.98	19.60	18.79	17.49	18.02	21.57	20.71	19.94	22.01	20.13	22.50	23.78	24.22	26.80	27.71	23.50	23.30	20.63	18.47
61844	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.13	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
HUD VL	19.28	19.41	19.92	19.42	18.47	20.88	20.55	20.97	18.57	19.15	22.91	22.00	21.21	22.22	21.43	23.93	25.26	25.71	28.65	29.35	24.90	24.76	22.23	19.44
61758	0.88	0.84	0.83	0.79	0.77	0.90	0.95	1.01	1.08	1.13	1.34	1.30	1.26	1.34	1.30	1.44	1.48	1.49	1.64	1.63	1.40	1.46	1.25	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	0.00
LONGIL	19.75	21.09	21.66	19.98	20.06	22.53	21.01	21.41	19.07	20.03	30.26	33.23	26.07	29.92	32.29	33.33	35.68	34.78	36.65	30.60	33.12	44.03	29.96	35.26
61762	1.35	1.36	1.40	1.34	1.30	1.51	1.41	1.45	1.59	1.60	2.02	1.95	1.90	1.98	1.93	2.13	2.19	2.16	2.43	2.47	2.04	2.20	1.86	1.50
	0.00	-1.16	-1.16	0.00	-1.06	-1.04	0.00	-1.17	0.00	-0.41	-6.68	-10.57	-4.23	-7.06	-10.23	-8.70	-9.72	-8.41	-7.21	-0.42	-7.57	-18.52	-7.47	-15.30
MHK VL	18.53	18.67	19.20	18.76	17.84	20.17	19.79	19.21	17.72	18.30	21.91	21.07	20.29	21.19	20.45	22.84	24.16	24.69	27.60	28.27	23.94	23.61	20.81	18.56
61756	0.13	0.10	0.10	0.12	0.13	0.18	0.19	0.21	0.23	0.28	0.35	0.36	0.34	0.32	0.31	0.34	0.38	0.47	0.59	0.55	0.44	0.31	0.12	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00
MILLWD	19.35	19.47	19.98	19.47	18.51	20.94	20.61	21.04	18.65	19.24	23.04	22.13	21.33	22.35	21.56	24.06	25.39	25.81	28.77	29.47	25.00	24.90	22.36	19.54
61759	0.95	0.90	0.88	0.83	0.81	0.96	1.01	1.08	1.17	1.23	1.47	1.42	1.39	1.47	1.43	1.57	1.60	1.59	1.76	1.75	1.49	1.59	1.38	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	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	-0.36	0.00
N.Y.C.	19.54	19.66	20.17	19.65	18.68	21.14	20.81	21.24	18.87	19.47	23.30	22.39	21.59	22.62	21.82	24.32	25.63	26.00	28.97	29.67	25.20	25.16	22.62	19.78
61761	1.15	1.09	1.07	1.01	0.98	1.17	1.21	1.28	1.39	1.45	1.73	1.68	1.64	1.74	1.69	1.83	1.85	1.78	1.96	1.96	1.70	1.86	1.64	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	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	-0.36	0.00
NORTH	17.18	17.48	18.15	17.71	16.89	19.19	18.72	17.82	16.48	16.90	20.05	19.24	18.52	19.25	18.65	20.88	22.08	22.83	25.75	25.92	21.97	21.29	18.24	16.35
61755	-1.21	-1.10	-0.94	-0.92	-0.81	-0.79	-0.88	-0.91	-1.01	-1.12	-1.51	-1.47	-1.43	-1.63	-1.48	-1.61	-1.70	-1.39	-1.26	-1.80	-1.53	-2.02	-2.37	-2.11
	0.00	0.00	0.00	0.00	0.00	0.00	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	0.02	0.00
NPX	19.12	19.31	19.69	19.32	18.38	20.76	20.41	21.04	18.33	18.84	22.53	21.62	20.81	22.95	20.95	24.04	24.89	25.36	28.06	28.95	24.57	24.37	21.10	19.20
61845	0.72	0.74	0.69	0.69	0.68	0.79	0.81	0.88	0.85	0.82	0.96	0.91	0.87	0.94	0.88	1.05	1.11	1.15	1.27	1.23	1.07	1.06	0.98	0.73
	0.00	0.00	0.10	0.00	0.00	0.00	0.00	-1.37	0.00	0.00	0.00	0.00	0.00	-1.13	0.06	-0.50	0.00	0.00	0.21	0.00	0.00	0.00	0.50	0.00

O H 61846	17.96 -0.43 0.00	18.18 -0.39 0.00	18.73 -0.36 0.00	18.26 -0.37 0.00	17.38 -0.32 0.00	19.66 -0.32 0.00	19.17 -0.44 0.00	18.51 -0.48 -0.19	17.13 -0.35 0.00	17.75 -0.26 0.00	21.25 -0.32 0.00	20.34 -0.37 0.00	19.54 -0.41 0.00	20.40 -0.48 0.00	19.75 -0.38 0.00	22.00 -0.50 0.00	23.18 -0.60 0.00	23.46 -0.75 0.00	26.31 -0.70 0.00	27.21 -0.50 0.00	23.17 -0.33 0.00	23.03 -0.27 0.00	20.41 -0.28 -0.06	18.11 -0.36 0.00
PJM 61847	18.59 0.38 0.19	18.95 0.39 0.00	19.49 0.40 0.00	18.99 0.36 0.00	18.05 0.35 0.01	20.38 0.43 0.03	19.89 0.42 0.13	19.88 0.47 -0.61	18.06 0.61 0.03	18.63 0.67 0.06	22.34 0.80 0.02	21.43 0.73 0.00	20.63 0.68 0.00	22.72 0.71 -1.13	20.86 0.73 0.00	23.24 0.74 0.00	24.50 0.72 0.00	24.87 0.66 0.00	27.53 0.73 0.21	28.56 0.85 0.00	24.28 0.78 0.00	24.21 0.90 0.00	21.61 0.78 -0.21	19.01 0.54 0.00
WEST 61752	18.18 -0.21 0.00	18.39 -0.18 0.00	18.95 -0.15 0.00	18.47 -0.16 0.00	17.59 -0.11 0.00	19.91 -0.07 0.00	19.42 -0.18 0.00	18.77 -0.21 -0.19	17.40 -0.08 0.00	18.07 0.05 0.00	21.64 0.07 0.00	20.73 0.01 0.00	19.90 -0.05 0.00	20.77 -0.11 0.00	20.11 -0.03 0.00	22.38 -0.12 0.00	23.58 -0.20 0.00	23.86 -0.36 0.00	26.80 -0.21 0.00	27.78 0.07 0.00	23.66 0.16 0.00	23.50 0.20 0.00	20.79 0.10 -0.06	18.42 -0.05 0.00