

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/14/2018

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	19.23	14.53	18.07	11.91	19.34	11.11	19.97	20.59	20.46	23.40	25.94	30.59	34.20	37.27	36.84	33.19	28.76	30.15	27.61	29.40	29.60	24.29	18.88	19.42
61757	1.19	0.95	1.19	0.80	1.34	0.77	1.34	1.45	1.43	1.62	1.83	2.13	2.36	2.61	2.41	1.71	2.02	2.11	1.98	2.13	2.14	1.70	1.34	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.87	-9.36	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	18.46	13.85	17.22	11.32	18.36	10.52	19.02	19.50	19.36	22.23	24.60	29.02	32.41	35.30	32.13	22.56	27.21	28.60	26.07	27.83	27.99	22.98	17.80	18.38
61754	0.41	0.27	0.33	0.21	0.36	0.18	0.39	0.36	0.33	0.45	0.49	0.56	0.57	0.65	0.57	0.44	0.47	0.56	0.45	0.55	0.53	0.40	0.26	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
DUNWOD	19.61	14.67	18.21	12.01	19.46	11.21	20.24	20.84	20.74	23.71	26.28	31.02	34.65	37.64	49.77	75.83	29.36	30.45	27.80	29.53	29.73	24.51	19.02	19.63
61760	1.57	1.09	1.32	0.90	1.47	0.87	1.61	1.69	1.72	1.93	2.17	2.56	2.81	2.99	2.80	2.02	2.43	2.41	2.17	2.25	2.26	1.92	1.48	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	-15.42	-51.69	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	18.57	13.88	17.26	11.27	18.24	10.46	18.98	19.28	19.13	22.06	24.34	28.71	32.19	35.11	31.98	22.36	26.97	28.46	25.99	27.73	27.84	22.84	17.73	18.26
61753	0.53	0.30	0.38	0.16	0.25	0.12	0.34	0.14	0.11	0.29	0.23	0.25	0.35	0.46	0.42	0.24	0.23	0.41	0.36	0.46	0.38	0.25	0.19	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.46	13.17	16.39	10.77	17.41	10.01	18.04	18.54	18.44	21.10	23.36	27.59	30.92	33.63	30.60	21.42	25.93	28.27	24.43	25.75	26.68	22.07	17.04	17.47
61844	-0.58	-0.41	-0.50	-0.34	-0.59	-0.33	-0.59	-0.60	-0.59	-0.67	-0.75	-0.87	-0.92	-1.03	-0.96	-0.70	-0.80	-0.83	-0.74	-0.78	-0.79	-0.65	-0.51	-0.58
	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	0.00	0.00	0.00	-1.06	0.45	0.74	0.00	-0.13	0.00	0.00
HUD VL	19.55	14.63	18.16	11.98	19.43	11.19	20.19	20.78	20.67	23.65	26.23	30.94	34.55	37.54	29.20	9.24	29.23	30.38	27.73	29.47	29.72	24.48	18.99	19.57
61758	1.50	1.05	1.28	0.87	1.43	0.84	1.55	1.64	1.64	1.88	2.12	2.48	2.71	2.88	2.70	1.94	2.34	2.34	2.11	2.20	2.25	1.89	1.45	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.06	14.81	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	20.15	15.03	18.61	12.26	19.89	11.49	20.73	21.47	21.38	24.49	27.09	32.74	37.69	38.71	52.00	80.01	32.04	31.17	28.34	30.03	30.22	26.06	19.44	20.24
61762	2.11	1.46	1.72	1.15	1.89	1.14	2.09	2.33	2.35	2.71	2.98	3.63	4.04	4.05	3.92	2.77	3.35	3.13	2.72	2.76	2.76	2.21	1.90	2.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	-1.81	0.00	-16.53	-55.12	-1.96	0.00	0.00	0.00	0.00	-1.26	0.00	0.00
MHK VL	18.81	14.12	17.56	11.54	18.72	10.77	19.49	20.06	19.97	22.91	25.38	29.97	33.52	36.46	33.16	23.37	28.10	29.49	26.92	28.68	28.90	23.71	18.33	18.83
61756	0.77	0.54	0.67	0.43	0.72	0.43	0.86	0.92	0.94	1.14	1.27	1.51	1.68	1.81	1.60	1.13	1.35	1.44	1.29	1.40	1.44	1.12	0.79	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	19.58	14.66	18.19	12.00	19.45	11.21	20.23	20.83	20.74	23.72	26.31	31.05	34.71	37.73	41.12	47.60	29.43	30.52	27.87	29.59	29.77	24.55	19.04	19.63
61759	1.54	1.08	1.30	0.89	1.46	0.86	1.59	1.69	1.71	1.94	2.20	2.59	2.87	3.08	2.88	2.08	2.50	2.48	2.24	2.31	2.31	1.96	1.50	1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.68	-23.40	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	19.90	14.87	18.45	12.17	19.72	11.37	20.54	21.77	22.49	28.14	29.70	32.84	35.12	38.09	50.03	75.66	29.72	30.81	28.14	29.87	30.09	24.87	19.28	19.88
61761	1.85	1.29	1.56	1.06	1.73	1.03	1.91	1.99	2.01	2.25	2.50	2.96	3.28	3.44	3.20	2.31	2.80	2.77	2.52	2.59	2.63	2.28	1.74	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	-1.46	-4.11	-3.09	-1.43	0.00	0.00	-15.27	-51.23	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	17.53	13.23	16.45	10.78	17.42	10.03	18.11	18.62	18.55	21.24	23.51	27.78	31.26	33.99	30.87	21.59	26.18	27.54	25.21	26.87	27.06	22.23	17.22	17.57
61755	-0.51	-0.35	-0.44	-0.33	-0.57	-0.31	-0.52	-0.53	-0.48	-0.53	-0.60	-0.67	-0.58	-0.66	-0.68	-0.52	-0.56	-0.50	-0.42	-0.40	-0.41	-0.35	-0.33	-0.48
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	19.50	14.52	16.39	11.95	19.39	11.14	19.80	20.84	20.49	23.38	25.96	30.56	33.99	38.10	40.23	42.06	28.97	31.26	30.79	28.78	29.46	25.02	19.06	22.50
61845	1.26	0.98	1.23	0.84	1.39	0.79	1.38	1.48	1.45	1.61	1.85	2.11	2.30	2.54	2.35	1.65	1.95	2.02	1.88	1.98	2.00	1.68	1.35	1.45
	-0.20	0.04	1.72	0.00	0.00	0.00	0.22	-0.22	-0.01	0.00	0.00	0.00	0.15	-0.90	-6.33	-18.30	-0.28	-1.20	-3.28	0.47	0.00	-0.75	-0.17	-3.00

O H 61846	18.24 0.21 0.00	13.63 0.05 0.00	17.01 0.12 0.00	11.09 -0.02 0.00	17.94 -0.05 0.00	10.22 -0.12 0.00	18.48 -0.16 0.00	18.61 -0.53 0.00	18.43 -0.60 0.00	21.31 -0.46 0.00	23.46 -0.65 0.00	27.67 -0.78 0.00	31.06 -0.78 0.00	33.86 -0.80 0.00	30.83 -0.73 0.00	21.56 -0.56 0.00	25.95 -0.79 0.00	27.45 -0.60 0.00	25.02 -0.61 0.00	26.83 -0.44 0.00	26.89 -0.57 0.00	22.08 -0.51 0.00	17.19 -0.35 0.00	17.80 -0.25 0.00
PJM 61847	18.64 0.81 0.20	14.10 0.52 0.00	17.54 0.66 0.00	11.56 0.45 0.00	18.74 0.74 0.00	10.72 0.37 0.00	19.33 0.69 0.00	19.77 0.63 0.00	14.16 0.56 5.43	22.49 0.71 0.00	24.72 0.77 0.15	29.37 0.92 0.00	32.85 1.01 0.00	35.73 1.08 0.00	26.48 0.99 6.07	7.83 0.81 15.09	27.74 0.91 -0.09	30.46 0.97 -1.45	25.55 0.77 0.86	27.48 0.94 0.74	28.36 0.90 0.00	23.46 0.74 -0.13	18.09 0.54 0.00	18.73 0.69 0.00
WEST 61752	18.69 0.65 0.00	13.94 0.36 0.00	17.38 0.50 0.00	11.31 0.20 0.00	18.30 0.31 0.00	10.43 0.09 0.00	18.88 0.25 0.00	19.00 -0.14 0.00	18.83 -0.20 0.00	21.81 0.03 0.00	24.02 -0.09 0.00	28.31 -0.14 0.00	31.78 -0.06 0.00	34.66 0.00 0.00	31.56 0.00 0.00	22.05 -0.06 0.00	26.54 -0.19 0.00	28.11 0.06 0.00	25.63 0.01 0.00	27.48 0.20 0.00	27.51 0.04 0.00	22.59 0.00 0.00	17.58 0.04 0.00	18.17 0.13 0.00