

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/17/2018

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	31.16	29.28	24.12	22.21	24.60	22.60	27.33	31.20	33.44	34.90	35.62	36.11	41.82	43.06	50.47	48.33	59.08	36.49	36.78	36.93	34.79	33.09	28.84	31.37
61757	2.24	2.19	1.80	1.64	1.84	1.68	1.99	2.28	2.43	2.54	2.47	2.54	2.90	2.90	3.27	3.29	4.00	2.52	2.68	2.72	2.56	2.32	2.03	2.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	-0.67	-0.26	-0.02	0.00	-0.02	-0.11	0.00
CENTRL	29.28	27.41	22.51	20.73	22.98	21.15	25.66	29.36	31.49	32.73	33.54	34.01	39.57	40.88	48.13	45.71	54.99	33.70	34.18	34.56	32.54	31.17	27.03	29.63
61754	0.36	0.32	0.19	0.15	0.23	0.23	0.32	0.43	0.48	0.36	0.38	0.43	0.66	0.72	0.93	0.67	0.82	0.40	0.34	0.38	0.32	0.43	0.32	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.76	29.64	24.33	22.39	24.79	22.78	27.72	31.74	34.14	35.67	36.62	37.11	42.89	44.28	51.71	49.42	83.38	54.25	43.95	38.05	35.31	34.14	31.56	31.86
61760	2.85	2.55	2.01	1.81	2.04	1.87	2.38	2.81	3.13	3.30	3.46	3.53	3.97	4.12	4.51	4.37	5.20	3.17	3.25	3.25	3.08	2.94	2.53	2.67
	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	-23.99	-17.79	-6.85	-0.61	0.00	-0.45	-2.32	0.00
GENESE	29.14	27.19	22.34	20.55	22.84	21.04	25.34	28.88	30.88	32.05	33.02	33.51	39.04	40.30	47.74	45.29	54.52	33.34	33.72	34.11	32.19	30.90	26.78	29.44
61753	0.22	0.10	0.02	-0.03	0.09	0.13	0.00	-0.05	-0.13	-0.32	-0.13	-0.07	0.12	0.15	0.54	0.24	0.34	0.03	-0.12	-0.07	-0.04	0.15	0.07	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.98	26.22	21.64	19.98	22.04	20.24	24.53	28.00	30.01	31.39	32.16	32.52	37.70	38.85	45.73	41.81	44.49	32.29	32.84	33.17	31.29	29.82	25.90	28.28
61844	-0.94	-0.87	-0.68	-0.60	-0.72	-0.68	-0.80	-0.92	-1.00	-0.97	-1.00	-1.06	-1.22	-1.31	-1.47	-1.41	-1.71	-1.01	-1.00	-1.02	-0.94	-0.93	-0.81	-0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.82	7.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	31.61	29.49	24.21	22.28	24.69	22.69	27.58	31.60	34.00	35.56	36.51	37.00	42.81	44.25	51.79	49.50	79.60	51.44	42.88	37.98	35.30	33.61	28.90	31.78
61758	2.70	2.40	1.89	1.71	1.93	1.77	2.25	2.67	2.99	3.20	3.35	3.43	3.90	4.09	4.59	4.45	5.35	3.25	3.30	3.28	3.07	2.90	2.46	2.58
	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	-20.07	-14.89	-5.74	-0.51	0.00	0.04	0.27	0.00
LONGIL	36.31	37.62	28.13	27.51	28.53	26.18	28.47	32.74	35.25	36.59	40.38	121.43	82.70	46.16	52.90	50.80	85.16	55.23	44.97	39.07	36.29	34.58	31.82	32.61
61762	3.88	3.47	2.64	2.48	2.69	2.46	3.13	3.81	4.23	4.22	4.68	4.73	5.44	5.63	5.69	5.75	6.88	4.12	4.26	4.27	4.06	3.44	3.12	3.42
	-3.52	-7.06	-3.17	-4.45	-3.08	-2.80	0.00	0.00	0.00	0.00	-2.55	-83.12	-38.34	-0.38	0.00	0.00	-24.09	-17.81	-6.87	-0.62	0.00	-0.39	-1.98	0.00
MHK VL	30.09	28.14	23.12	21.30	23.56	21.69	26.38	30.22	32.49	33.90	34.73	35.19	40.83	42.18	49.57	47.23	58.69	36.23	35.95	35.89	33.81	32.18	27.87	30.40
61756	1.18	1.05	0.79	0.72	0.80	0.77	1.04	1.29	1.48	1.54	1.57	1.62	1.92	2.02	2.36	2.18	2.66	1.55	1.57	1.66	1.58	1.44	1.16	1.21
	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	-1.85	-1.38	-0.54	-0.05	0.00	0.00	0.00	0.00
MILLWD	31.74	29.61	24.30	22.36	24.77	22.76	27.68	31.71	34.13	35.69	36.65	37.15	42.98	44.39	51.89	49.60	83.32	54.18	43.98	38.14	35.38	33.73	29.12	31.86
61759	2.82	2.52	1.98	1.79	2.01	1.84	2.35	2.79	3.12	3.33	3.49	3.57	4.06	4.23	4.68	4.55	5.44	3.31	3.37	3.35	3.15	2.99	2.55	2.67
	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	-23.70	-17.57	-6.77	-0.61	0.00	0.01	0.13	0.00
N.Y.C.	39.41	30.57	24.70	22.71	25.17	23.13	28.63	32.67	35.74	37.58	46.82	37.62	47.66	44.76	52.24	137.54	85.71	61.79	51.74	46.54	44.55	43.52	39.11	54.48
61761	3.32	2.97	2.38	2.13	2.41	2.21	2.80	3.28	3.64	3.84	4.00	4.05	4.49	4.60	5.03	4.89	5.73	3.48	3.59	3.61	3.47	3.36	2.92	3.09
	-7.17	-0.51	0.00	0.00	0.00	0.00	-0.50	-0.46	-1.09	-1.37	-9.65	0.00	-4.25	0.00	0.00	-87.60	-25.80	-25.01	-14.31	-8.74	-8.86	-9.41	-9.48	-22.20
NORTH	28.05	26.25	21.67	20.03	22.05	20.22	24.56	28.06	30.08	31.57	32.35	32.68	37.89	38.95	45.83	43.67	52.57	32.45	33.03	33.39	31.49	29.97	26.07	28.42
61755	-0.87	-0.84	-0.66	-0.55	-0.71	-0.70	-0.77	-0.87	-0.93	-0.80	-0.81	-0.89	-1.03	-1.21	-1.38	-1.37	-1.62	-0.85	-0.81	-0.79	-0.74	-0.77	-0.64	-0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.19	29.39	24.22	24.46	26.72	22.67	27.45	31.30	33.54	35.00	35.77	36.26	41.97	43.24	50.61	46.61	59.00	42.99	39.24	37.08	34.75	33.15	29.32	31.34
61845	2.41	2.30	1.90	1.73	1.95	1.75	2.12	2.37	2.53	2.64	2.61	2.69	3.05	3.08	3.40	3.39	3.95	2.49	2.62	2.64	2.52	2.37	2.11	2.29
	0.13	0.00	0.00	-2.15	-2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.82	-0.87	-7.20	-2.77	-0.25	0.00	-0.04	-0.51	0.13

O H 61846	28.12 -0.79 0.00	26.33 -0.76 0.00	21.62 -0.71 0.00	19.89 -0.68 0.00	22.15 -0.61 0.00	20.33 -0.59 0.00	24.38 -0.96 0.00	27.67 -1.25 0.00	29.55 -1.46 0.00	30.54 -1.82 0.00	31.46 -1.70 0.00	31.83 -1.75 0.00	37.08 -1.84 0.00	38.18 -1.98 0.00	45.19 -2.02 0.00	42.70 -2.35 0.00	51.58 -2.61 0.00	31.54 -1.76 0.00	31.93 -1.91 0.00	32.42 -1.76 0.00	30.55 -1.67 0.00	29.54 -1.21 0.00	25.60 -1.11 0.00	54.54 -0.81 -26.16
PJM 61847	29.86 0.94 0.00	27.95 0.86 0.00	22.92 0.59 0.00	21.09 0.52 0.00	23.41 0.66 0.00	21.48 0.57 0.00	26.13 0.76 -0.03	29.84 0.91 0.00	31.95 1.01 0.06	33.33 0.96 0.00	34.21 1.05 0.00	34.28 1.06 0.36	40.53 1.33 -0.28	41.52 1.36 0.00	48.67 1.47 0.00	44.40 1.18 1.82	59.62 1.49 -3.96	42.25 0.84 -8.10	38.13 0.82 -3.47	35.28 0.86 -0.23	32.74 0.75 0.24	31.31 0.89 0.33	27.12 0.68 0.27	30.07 0.88 0.00
WEST 61752	28.83 -0.09 0.00	26.94 -0.15 0.00	22.07 -0.25 0.00	20.28 -0.30 0.00	22.59 -0.16 0.00	20.74 -0.18 0.00	24.85 -0.48 0.00	28.25 -0.68 0.00	30.20 -0.81 0.00	31.24 -1.12 0.00	32.19 -0.97 0.00	32.55 -1.02 0.00	37.98 -0.94 0.00	39.11 -1.04 0.00	46.34 -0.87 0.00	43.74 -1.31 0.00	52.90 -1.28 0.00	32.33 -0.97 0.00	32.66 -1.18 0.00	33.19 -1.00 0.00	31.29 -0.93 0.00	30.25 -0.49 0.00	26.20 -0.51 0.00	29.06 -0.13 0.00