

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/08/2016

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	24.76	23.90	25.84	21.88	22.41	23.31	26.87	27.83	31.68	33.25	31.83	33.38	32.86	32.53	33.70	72.64	45.12	100.72	43.15	52.94	42.68	36.64	35.63	35.69
61757	1.72	1.69	1.10	1.47	1.51	1.55	1.89	1.91	2.14	2.25	2.13	2.23	2.20	2.17	2.23	4.76	2.97	6.76	3.10	3.91	3.05	2.62	2.41	2.41
	0.00	0.00	-10.53	-1.06	0.00	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	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	23.35	22.43	15.34	19.57	21.00	21.25	25.23	26.19	29.95	31.42	30.07	41.12	48.68	31.22	32.00	70.65	44.30	95.85	40.74	49.68	40.14	34.36	33.58	33.68
61754	0.31	0.22	0.10	0.12	0.10	0.16	0.24	0.27	0.40	0.41	0.37	0.43	0.55	0.51	0.54	1.41	0.80	1.89	0.69	0.65	0.51	0.34	0.35	0.40
	0.00	0.00	-1.04	-0.10	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	-9.54	-17.46	-0.35	0.00	-1.36	-1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	25.20	24.19	22.89	21.75	22.68	23.38	27.26	28.44	32.46	34.07	32.73	34.26	33.65	33.23	34.50	74.48	46.45	103.50	43.99	53.79	43.51	37.48	36.67	36.72
61760	2.15	1.98	1.24	1.65	1.79	1.84	2.27	2.52	2.91	3.06	3.02	3.12	2.98	2.88	3.04	6.60	4.30	9.54	3.94	4.76	3.88	3.46	3.44	3.44
	0.00	0.00	-7.44	-0.75	0.00	-0.52	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	0.00	0.00	0.00	0.00
GENESE	23.38	22.34	15.04	19.36	20.75	21.05	25.00	25.84	29.66	31.12	29.87	31.40	31.15	30.78	31.92	69.44	42.95	96.06	40.79	49.74	40.15	34.30	33.41	33.66
61753	0.34	0.14	-0.02	-0.08	-0.14	-0.02	0.02	-0.08	0.11	0.12	0.16	0.25	0.48	0.43	0.46	1.56	0.80	2.10	0.74	0.71	0.52	0.28	0.19	0.38
	0.00	0.00	-0.85	-0.09	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	0.00	0.00	0.00	0.00
H Q	22.29	21.50	13.76	18.77	20.29	20.39	24.23	25.15	28.66	30.05	28.77	30.16	30.81	29.41	29.23	64.57	40.80	90.87	38.79	47.47	38.38	32.91	32.96	31.03
61844	-0.75	-0.71	-0.44	-0.58	-0.61	-0.63	-0.75	-0.78	-0.90	-0.96	-0.94	-1.00	-1.00	-0.94	-1.03	-2.23	-1.35	-3.10	-1.26	-1.56	-1.25	-1.11	-1.03	-1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.15	0.00	1.21	1.08	0.00	0.00	0.00	0.00	0.00	0.00	-0.77	1.17
HUD VL	25.16	24.16	22.84	21.73	22.67	23.35	27.23	28.39	32.41	34.02	32.67	34.24	33.67	33.27	34.54	74.67	46.58	104.00	44.17	54.02	43.69	37.56	36.66	36.66
61758	2.12	1.95	1.23	1.63	1.77	1.82	2.25	2.47	2.86	3.01	2.96	3.09	3.00	2.91	3.08	6.80	4.43	10.03	4.12	4.99	4.06	3.55	3.43	3.38
	0.00	0.00	-7.42	-0.74	0.00	-0.52	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	0.00	0.00	0.00	0.00
LONGIL	30.32	24.48	23.08	22.02	22.99	23.69	27.50	28.81	32.78	34.74	40.57	42.72	51.08	67.25	193.37	170.50	207.41	168.21	44.80	54.62	102.28	43.92	42.94	37.04
61762	2.50	2.27	1.43	1.92	2.09	2.15	2.52	2.89	3.23	3.42	3.74	3.89	3.76	3.64	3.80	8.15	5.19	11.43	4.75	5.59	4.56	3.75	3.60	3.77
	-4.78	0.00	-7.46	-0.75	0.00	-0.52	0.00	0.00	0.00	-0.32	-7.12	-7.68	-16.66	-33.25	-158.11	-94.48	-160.07	-62.81	0.00	0.00	-58.10	-6.16	-6.12	0.00
MHK VL	23.81	22.91	15.52	20.03	21.53	21.76	25.95	27.02	30.80	32.31	31.00	32.58	32.06	31.71	32.87	71.00	44.08	98.44	41.94	51.24	41.56	35.55	34.62	34.55
61756	0.76	0.70	0.43	0.59	0.63	0.68	0.96	1.10	1.24	1.30	1.29	1.43	1.40	1.36	1.41	3.13	1.93	4.47	1.89	2.22	1.93	1.54	1.39	1.28
	0.00	0.00	-0.88	-0.09	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	0.00	0.00	0.00	0.00
MILLWD	25.22	24.20	22.96	21.77	22.70	23.40	27.28	28.47	32.51	34.12	32.79	34.36	33.76	33.37	34.66	74.88	46.70	104.12	44.24	54.08	43.74	37.63	36.77	36.79
61759	2.18	2.00	1.25	1.67	1.80	1.86	2.29	2.55	2.96	3.12	3.08	3.21	3.10	3.01	3.19	7.00	4.55	10.16	4.19	5.06	4.11	3.62	3.55	3.51
	0.00	0.00	-7.51	-0.75	0.00	-0.52	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	0.00	0.00	0.00	0.00
N.Y.C.	25.40	24.36	23.01	21.90	22.84	23.56	27.48	28.71	32.74	34.34	32.97	34.48	33.81	33.39	34.64	74.58	46.57	103.67	44.06	53.86	43.57	37.65	37.23	43.13
61761	2.35	2.16	1.36	1.80	1.94	2.02	2.50	2.78	3.19	3.34	3.26	3.33	3.14	3.03	3.18	6.70	4.42	9.71	4.01	4.83	3.97	3.63	3.68	3.73
	0.00	0.00	-7.45	-0.75	0.00	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.03	0.00	-0.33	-6.12
NORTH	22.27	21.42	13.68	18.70	20.26	20.35	24.23	25.19	28.70	30.05	28.63	30.04	29.55	29.31	30.24	65.23	40.52	90.11	38.52	47.06	38.02	32.53	32.07	32.10
61755	-0.77	-0.79	-0.52	-0.66	-0.64	-0.67	-0.75	-0.73	-0.85	-0.95	-1.07	-1.11	-1.12	-1.05	-1.22	-2.64	-1.64	-3.86	-1.53	-1.97	-1.61	-1.49	-1.16	-1.18
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	25.10	24.03	24.44	21.86	22.60	23.36	27.00	27.96	31.85	33.39	31.89	33.53	34.12	32.60	34.09	71.49	45.11	101.94	43.05	55.67	42.82	36.68	36.54	34.92
61845	1.86	1.82	1.18	1.60	1.70	1.71	2.01	2.04	2.29	2.39	2.30	2.38	2.31	2.25	2.31	4.76	2.96	6.60	2.94	3.77	3.04	2.67	2.55	2.64
	-0.19	0.00	-9.05	-0.91	0.00	-0.63	0.00	0.00	0.00	0.00	0.12	0.00	-1.15	0.00	-0.32	1.14	0.00	-1.38	-0.06	-2.87	-0.15	0.00	-0.76	0.99

O H 61846	22.65 -0.40 0.00	21.61 -0.59 0.00	14.88 -0.49 -1.16	18.76 -0.71 -0.12	20.06 -0.84 0.00	20.32 -0.78 -0.08	23.98 -1.01 0.00	24.78 -1.14 0.00	28.45 -1.11 0.00	29.69 -1.32 0.00	28.30 -1.40 0.00	-11.09 -1.54 40.70	-43.08 -1.29 72.45	27.66 -1.40 1.29	30.01 -1.45 0.00	61.52 -2.38 3.98	35.10 -1.75 5.31	90.63 -3.34 0.00	38.53 -1.52 0.00	46.84 -2.19 0.00	37.90 -1.72 0.00	60.73 -1.48 -28.19	59.48 -1.29 -27.54	2.57 -0.93 29.78
PJM 61847	23.84 0.79 0.00	22.83 0.63 0.00	18.60 0.36 -4.04	20.23 0.47 -0.40	21.39 0.49 0.00	21.83 0.53 -0.28	25.64 0.65 0.00	26.67 0.75 0.00	30.49 0.94 0.00	31.89 0.89 0.00	30.46 0.75 0.00	49.16 0.78 -17.23	44.80 0.83 -13.31	31.70 0.70 -0.65	31.03 0.77 1.21	71.46 2.21 -1.37	45.77 1.31 -2.31	96.94 2.98 0.00	41.16 1.11 0.00	50.14 1.12 0.00	40.59 0.96 0.00	34.86 0.84 0.00	34.93 0.93 -0.77	33.12 1.01 1.17
WEST 61752	23.26 0.21 0.00	22.14 -0.07 0.00	15.14 -0.18 -1.12	19.14 -0.32 -0.11	20.45 -0.45 0.00	20.74 -0.36 -0.08	24.51 -0.47 0.00	25.35 -0.57 0.00	29.14 -0.41 0.00	30.39 -0.62 0.00	29.00 -0.70 0.00	193.75 -0.79 -163.38	316.76 -0.50 -286.60	34.72 -0.62 -4.99	30.80 -0.66 0.00	85.93 -0.67 -18.72	60.36 -0.68 -18.89	92.97 -0.99 0.00	39.50 -0.55 0.00	47.95 -1.08 0.00	38.77 -0.85 0.00	33.31 -0.70 0.00	32.72 -0.51 0.00	33.13 -0.15 0.00