

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/18/2019

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	25.83	23.23	20.20	19.52	23.94	21.98	20.01	24.89	32.46	25.79	26.55	24.64	21.85	21.21	21.19	21.01	22.71	24.13	33.59	45.44	24.20	41.08	22.60	22.20
61757	0.39	0.22	0.40	0.21	0.03	0.28	0.98	1.29	1.64	1.29	1.21	1.10	0.92	0.91	0.90	0.90	1.02	1.15	1.58	2.27	1.22	2.06	1.07	0.93
	-16.99	-18.04	-10.76	-14.52	-23.22	-16.23	0.00	0.00	0.00	0.00	0.00	0.00	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	10.66	7.28	10.46	6.67	3.64	7.56	19.25	23.87	31.20	24.76	25.69	23.88	21.26	20.58	20.56	20.37	21.94	23.20	32.41	43.66	23.19	39.39	21.63	21.38
61754	0.04	0.03	0.06	0.04	0.01	0.03	0.22	0.26	0.39	0.27	0.35	0.34	0.33	0.28	0.27	0.25	0.25	0.22	0.39	0.50	0.20	0.37	0.10	0.11
	-2.16	-2.29	-1.36	-1.84	-2.95	-2.07	0.00	0.00	0.00	0.00	0.00	0.00	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	21.51	18.55	17.45	15.74	17.83	17.78	20.35	25.31	33.12	26.33	27.20	25.25	22.47	21.80	21.85	21.65	23.21	24.64	34.34	46.13	24.60	41.76	23.09	22.70
61760	0.51	0.28	0.48	0.25	0.03	0.39	1.31	1.71	2.30	1.82	1.86	1.70	1.54	1.50	1.57	1.54	1.52	1.66	2.33	2.97	1.62	2.74	1.56	1.43
	-12.55	-13.31	-7.93	-10.70	-17.11	-11.93	0.00	0.00	0.00	0.00	0.00	0.00	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	9.80	6.48	9.80	6.01	2.78	6.84	18.74	21.76	26.98	22.89	25.25	23.56	20.92	20.22	20.08	19.87	21.42	22.52	31.63	42.62	22.62	38.43	21.10	20.87
61753	-0.21	-0.12	-0.21	-0.10	-0.02	-0.11	-0.29	-0.37	-0.38	-0.32	-0.09	0.02	-0.01	-0.07	-0.20	-0.24	-0.27	-0.46	-0.39	-0.54	-0.37	-0.59	-0.42	-0.40
	-1.55	-1.64	-0.98	-1.32	-2.11	-1.48	0.00	1.47	3.46	1.29	0.00	0.00	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	8.46	4.96	9.04	4.79	0.69	5.61	19.03	23.60	30.81	24.50	25.33	23.54	20.93	20.30	20.28	20.11	21.69	22.98	32.02	43.16	22.98	39.02	21.53	21.27
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	-0.15	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	0.00	0.00	0.00	0.00
HUD VL	21.35	18.40	17.34	15.63	17.68	17.64	20.25	25.18	32.90	26.15	26.99	25.05	22.28	21.63	21.66	21.47	23.06	24.50	34.15	45.93	24.49	41.57	22.93	22.55
61758	0.47	0.26	0.44	0.23	0.03	0.35	1.22	1.57	2.09	1.65	1.65	1.51	1.36	1.33	1.38	1.35	1.37	1.51	2.13	2.77	1.50	2.55	1.41	1.28
	-12.43	-13.18	-7.86	-10.60	-16.95	-11.82	0.00	0.00	0.00	0.00	0.00	0.00	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	21.91	19.18	22.72	18.57	20.98	25.25	20.85	25.92	33.85	26.88	27.86	25.81	22.87	22.22	39.07	24.09	23.55	24.79	34.95	46.67	25.11	44.13	29.72	42.53
61762	0.72	0.42	0.73	0.38	0.05	0.53	1.82	2.31	3.03	2.37	2.52	2.27	1.95	1.92	2.06	2.01	1.86	1.80	2.93	3.50	2.09	3.53	2.00	1.91
	-12.73	-13.81	-12.95	-13.39	-20.23	-19.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.73	-1.97	0.00	0.00	0.00	0.00	-0.04	-1.58	-6.19	-19.35
MHK VL	9.28	7.37	10.48	6.75	3.80	7.71	21.20	28.28	39.11	29.41	29.99	23.79	21.06	20.42	20.43	20.25	22.52	27.68	32.32	43.52	23.15	39.26	21.63	21.36
61756	-0.02	0.00	0.01	0.01	0.00	0.03	0.21	0.33	0.46	0.30	0.37	0.25	0.13	0.13	0.15	0.14	0.24	0.25	0.30	0.36	0.17	0.24	0.10	0.09
	-0.84	-2.41	-1.44	-1.95	-3.11	-2.21	-1.96	-4.35	-7.83	-4.62	-4.29	0.00	0.00	0.00	0.00	0.00	-0.58	-4.45	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	21.59	18.63	17.48	15.81	17.95	17.85	20.31	25.26	33.02	26.24	27.09	25.15	22.37	21.71	21.75	21.56	23.13	24.56	34.25	46.03	24.55	41.67	23.02	22.63
61759	0.49	0.27	0.46	0.24	0.03	0.38	1.28	1.66	2.20	1.74	1.76	1.61	1.45	1.41	1.47	1.44	1.44	1.58	2.23	2.87	1.57	2.65	1.49	1.36
	-12.64	-13.40	-7.98	-10.78	-17.23	-12.01	0.00	0.00	0.00	0.00	0.00	0.00	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.	21.57	18.59	17.52	15.78	17.84	17.83	20.50	25.51	33.36	26.53	27.40	25.46	22.68	22.00	22.07	21.85	23.39	24.82	34.53	46.34	24.74	42.01	23.26	22.88
61761	0.57	0.32	0.55	0.28	0.04	0.45	1.47	1.91	2.54	2.03	2.07	1.92	1.75	1.70	1.79	1.74	1.70	1.84	2.51	3.18	1.76	3.00	1.74	1.61
	-12.55	-13.31	-7.93	-10.70	-17.11	-11.93	0.00	0.00	0.00	0.00	0.00	0.00	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	-6.30	3.48	7.16	-0.97	-6.60	-9.27	-2.65	4.69	13.89	5.52	8.99	-1.62	-0.14	-9.07	1.68	16.55	17.91	14.80	26.52	35.73	19.13	32.43	18.07	17.97
61755	-1.49	-0.81	-1.47	-0.81	-0.13	-0.91	-3.16	-3.72	-4.76	-4.09	-3.92	-3.81	-3.83	-3.69	-3.66	-3.56	-3.19	-3.65	-5.50	-7.44	-3.86	-6.59	-3.46	-3.30
	13.28	0.67	0.40	4.95	7.17	13.82	18.52	15.19	12.17	14.89	12.42	21.35	17.23	25.67	14.94	0.00	0.59	4.53	0.00	0.00	0.00	0.00	0.00	0.00
NPX	23.70	20.93	18.79	17.65	20.99	19.97	20.84	24.67	32.19	25.62	26.35	24.41	21.79	21.13	21.12	20.89	22.78	24.00	33.39	45.18	24.09	40.29	21.99	21.64
61845	0.37	0.20	0.35	0.18	0.03	0.24	0.84	1.07	1.37	1.12	1.02	0.96	0.86	0.83	0.83	0.85	0.91	1.02	1.37	2.02	1.11	1.93	1.06	0.95
	-14.87	-15.77	-9.40	-12.68	-20.28	-14.27	-0.97	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.07	-0.18	0.00	0.00	0.00	0.00	0.66	0.60	0.58

O H 61846	10.19 -0.35 -2.08	6.97 -0.19 -2.21	10.03 -0.32 -1.32	6.42 -0.15 -1.78	3.50 -0.03 -2.84	7.27 -0.19 -1.99	18.51 -0.52 0.00	22.77 -0.84 0.00	29.72 -1.02 0.07	22.84 -0.91 0.76	24.78 -0.56 0.00	23.16 -0.38 0.00	20.61 -0.31 0.00	19.93 -0.36 0.00	19.80 -0.48 0.00	19.61 -0.50 0.00	21.12 -0.57 0.00	22.08 -0.90 0.00	30.92 -1.10 0.00	41.61 -1.55 0.00	22.06 -0.92 0.00	37.67 -1.35 0.00	20.65 -0.87 0.00	20.46 -0.81 0.00
PJM 61847	15.96 0.21 -7.30	12.80 0.11 -7.74	13.55 0.20 -4.31	10.73 0.12 -5.82	10.14 0.02 -9.44	12.71 0.17 -7.07	19.61 0.68 0.09	24.51 0.71 -0.19	32.87 0.94 -1.12	25.49 0.63 -0.36	26.10 0.82 0.05	24.28 0.77 0.03	21.67 0.74 0.00	21.01 0.72 0.00	21.04 0.76 0.00	20.85 0.74 0.00	22.39 0.70 0.00	23.68 0.70 0.00	32.95 0.93 0.00	44.19 1.11 0.08	23.50 0.54 0.02	40.08 1.07 0.01	21.97 0.48 0.03	21.68 0.43 0.02
WEST 61752	10.15 -0.30 -1.99	6.91 -0.16 -2.11	10.02 -0.28 -1.26	6.36 -0.13 -1.70	3.38 -0.03 -2.71	7.23 -0.14 -1.91	18.67 -0.36 -0.01	28.79 -0.54 -5.72	44.58 -0.53 -14.29	33.30 -0.47 -9.27	25.28 -0.06 0.00	23.65 0.11 0.00	21.01 0.09 0.00	20.29 -0.01 0.00	20.10 -0.18 0.00	19.89 -0.23 0.00	21.40 -0.29 0.00	22.35 -0.63 0.00	31.48 -0.54 0.00	42.40 -0.77 0.00	22.48 -0.50 0.00	38.39 -0.63 0.00	21.01 -0.52 0.00	20.80 -0.47 0.00