

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/21/2017

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	22.03	20.44	23.41	24.87	19.02	16.09	24.70	30.04	29.82	30.02	29.43	25.97	18.65	15.63	8.14	16.71	14.93	25.38	24.64	26.06	26.40	26.77	25.41	27.54
61757	0.84	0.89	1.42	1.37	1.13	0.99	1.60	2.01	2.04	2.01	1.95	1.70	1.22	1.03	0.53	1.08	0.97	1.58	1.61	1.81	1.80	1.80	1.09	0.20
	-8.13	-5.87	0.00	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.14	-1.42	-0.65	-0.54	-0.60	-8.57	-24.34
CENTRL	14.40	14.76	22.56	21.84	18.34	15.53	23.74	28.72	28.37	28.65	28.14	24.82	17.72	14.87	7.73	15.85	14.18	22.27	22.11	24.01	24.50	24.78	17.06	6.27
61754	0.27	0.30	0.56	0.55	0.45	0.43	0.63	0.69	0.60	0.64	0.67	0.55	0.30	0.27	0.12	0.22	0.22	0.33	0.32	0.32	0.37	0.32	0.19	0.07
	-1.07	-0.77	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.19	-0.09	-0.07	-0.08	-1.13	-3.20
DUNWOD	21.02	19.77	23.83	24.89	19.45	16.52	25.53	31.09	30.87	31.11	30.62	26.98	19.40	16.28	8.49	17.43	15.60	26.06	25.33	26.85	27.25	27.64	24.38	23.42
61760	1.20	1.21	1.84	1.82	1.56	1.42	2.42	3.05	3.09	3.10	3.14	2.71	1.98	1.69	0.88	1.81	1.64	2.63	2.56	2.71	2.74	2.76	1.55	0.29
	-6.76	-4.88	0.00	-2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.77	-1.18	-0.53	-0.45	-0.50	-7.08	-20.13
GENESE	13.84	14.24	22.07	21.26	17.93	15.26	23.12	27.86	27.44	27.78	27.25	24.02	17.12	14.36	7.46	15.27	13.65	21.35	21.19	23.10	23.65	23.92	16.34	5.56
61753	-0.08	-0.05	0.08	0.04	0.05	0.15	0.02	-0.17	-0.34	-0.23	-0.22	-0.25	-0.31	-0.24	-0.15	-0.37	-0.31	-0.53	-0.56	-0.57	-0.47	-0.51	-0.30	0.01
	-0.85	-0.61	0.00	-0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	-0.15	-0.07	-0.06	-0.06	-0.90	-2.55
H Q	12.23	13.29	21.35	20.32	17.39	14.69	22.48	27.40	28.59	27.37	26.83	23.71	17.02	14.25	7.44	15.32	13.65	21.12	21.05	23.02	23.47	23.84	15.41	2.92
61844	-0.36	-0.39	-0.64	-0.63	-0.49	-0.40	-0.60	-0.63	-0.62	-0.64	-0.64	-0.56	-0.40	-0.35	-0.17	-0.31	-0.31	-0.55	-0.56	-0.58	-0.59	-0.53	-0.34	-0.08
	0.46	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-1.43	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
HUD VL	20.90	19.68	23.79	24.85	19.41	16.49	25.45	30.96	30.68	30.89	30.39	26.79	19.25	16.15	8.42	17.28	15.46	25.84	25.12	26.65	27.06	27.44	24.29	23.40
61758	1.16	1.17	1.79	1.78	1.53	1.39	2.34	2.93	2.90	2.88	2.91	2.51	1.82	1.55	0.81	1.64	1.50	2.40	2.35	2.51	2.55	2.57	1.46	0.28
	-6.69	-4.83	0.00	-2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.77	-1.18	-0.53	-0.45	-0.50	-7.08	-20.12
LONGIL	21.10	19.77	23.78	25.13	19.70	16.57	25.75	31.36	31.46	31.55	30.96	27.22	19.75	16.53	8.62	17.65	15.83	26.52	25.63	27.21	27.56	28.02	24.53	23.45
61762	1.28	1.21	1.78	2.06	1.81	1.46	2.64	3.33	3.68	3.54	3.47	2.94	2.32	1.93	1.00	2.01	1.86	3.08	2.85	3.08	3.05	3.15	1.70	0.33
	-6.76	-4.88	0.00	-2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.78	-1.18	-0.53	-0.45	-0.50	-7.08	-20.13
MHK VL	14.72	15.00	22.65	22.02	18.45	15.64	24.06	28.89	28.58	28.82	28.28	24.93	17.83	14.95	7.76	15.92	14.42	22.73	22.63	24.61	25.11	25.36	17.51	6.76
61756	0.41	0.40	0.66	0.65	0.56	0.54	0.96	0.85	0.81	0.81	0.80	0.66	0.41	0.36	0.15	0.29	0.46	0.77	0.82	0.92	0.97	0.90	0.48	0.09
	-1.25	-0.91	0.00	-0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-0.20	-0.09	-0.08	-0.09	-1.27	-3.67
MILLWD	21.06	19.80	23.85	24.91	19.45	16.53	25.57	31.15	30.90	31.13	30.63	26.99	19.39	16.27	8.48	17.41	15.58	26.04	25.32	26.84	27.25	27.64	24.43	23.52
61759	1.22	1.23	1.85	1.83	1.57	1.43	2.47	3.12	3.12	3.12	3.15	2.71	1.96	1.67	0.87	1.78	1.62	2.59	2.54	2.71	2.74	2.77	1.56	0.29
	-6.78	-4.89	0.00	-2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.78	-1.18	-0.54	-0.45	-0.50	-7.12	-20.23
N.Y.C.	21.12	19.87	23.99	25.01	19.57	16.64	25.73	31.34	31.14	31.38	30.87	27.22	19.57	16.42	8.57	17.60	15.75	26.29	25.54	27.06	27.48	27.85	24.51	23.44
61761	1.30	1.31	2.00	1.94	1.68	1.54	2.63	3.31	3.36	3.38	3.39	2.95	2.15	1.83	0.96	1.97	1.79	2.85	2.77	2.93	2.98	2.98	1.67	0.31
	-6.76	-4.88	0.00	-2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.77	-1.18	-0.53	-0.45	-0.50	-7.08	-20.12
NORTH	12.60	13.16	21.15	20.12	17.27	14.66	22.63	27.63	27.36	27.56	27.00	23.89	17.15	14.35	7.49	15.44	13.81	21.19	21.09	23.18	23.68	24.13	15.54	2.89
61755	-0.46	-0.52	-0.84	-0.84	-0.62	-0.44	-0.48	-0.40	-0.41	-0.45	-0.47	-0.38	-0.27	-0.24	-0.11	-0.19	-0.15	-0.47	-0.51	-0.43	-0.38	-0.24	-0.20	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.15	19.62	23.79	24.31	18.30	16.12	25.89	30.13	30.95	30.21	29.59	26.11	18.77	15.76	8.23	16.89	15.09	25.41	23.93	26.20	26.49	28.62	24.69	25.54
61845	0.86	0.93	1.44	1.39	1.16	1.02	1.67	2.10	2.18	2.17	2.12	1.84	1.35	1.16	0.61	1.26	1.13	1.79	1.78	1.96	1.93	1.98	1.17	0.21
	-6.23	-5.00	-0.35	-1.97	0.74	0.00	-1.12	0.00	-1.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.97	-0.54	-0.65	-0.49	-2.26	-7.77	-22.32

OH 61846	13.00	14.17	21.69	21.00	17.64	14.96	22.38	26.82	26.31	26.69	26.27	23.13	16.43	13.84	7.20	14.73	13.19	20.66	20.42	22.10	22.64	23.01	16.09	6.40
	-0.42	-0.35	-0.30	-0.32	-0.25	-0.13	-0.73	-1.22	-1.47	-1.32	-1.21	-1.14	-0.99	-0.75	-0.42	-0.91	-0.77	-1.30	-1.38	-1.60	-1.50	-1.45	-0.88	-0.05
	-0.35	-0.83	0.00	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-0.20	-0.09	-0.08	-0.08	-1.21	-3.45
PJM 61847	16.74	22.53	26.84	25.83	18.56	15.75	24.02	36.65	20.04	28.17	28.66	25.24	18.01	15.17	7.90	16.21	14.53	23.54	23.36	23.48	25.09	25.49	20.17	14.53
	0.37	0.43	0.74	0.77	0.68	0.64	0.94	1.08	0.93	1.02	1.18	0.97	0.59	0.57	0.29	0.58	0.56	0.88	0.80	0.70	0.77	0.83	0.40	0.12
	-3.31	-8.41	-4.11	-4.10	0.00	0.00	0.02	-7.54	8.66	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-0.96	0.83	-0.25	-0.28	-4.01	-11.40
WEST 61752	13.94	14.32	22.01	21.27	17.89	15.21	22.74	27.27	26.76	27.18	26.73	23.50	16.67	14.03	7.28	14.89	13.32	20.81	20.57	22.30	22.90	23.27	16.21	6.29
	-0.22	-0.16	0.02	-0.04	0.00	0.11	-0.36	-0.76	-1.02	-0.83	-0.75	-0.77	-0.75	-0.57	-0.33	-0.74	-0.64	-1.14	-1.22	-1.39	-1.23	-1.18	-0.70	-0.01
	-1.10	-0.79	0.00	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-0.19	-0.09	-0.07	-0.08	-1.16	-3.30