

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/19/2017

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	30.03	32.51	26.83	27.03	31.41	28.52	33.04	27.25	59.60	51.76	40.97	38.56	30.72	33.14	30.65	33.19	15.11	8.21	14.30	26.10	30.39	31.59	26.45	20.04
61757	1.58	1.23	1.60	0.96	0.51	0.99	0.08	1.74	0.02	-0.74	1.17	1.18	1.38	0.30	0.52	0.21	0.75	0.36	0.96	1.68	2.22	2.32	1.92	1.36
	-5.52	-13.27	-1.98	-11.88	-23.51	-13.17	-31.79	-0.22	-59.10	-62.61	-23.83	-21.06	-10.31	-28.61	-22.88	-30.12	-3.99	-3.06	-0.85	-3.43	0.00	0.00	0.00	0.00
CENTRL	24.23	20.46	23.93	16.30	11.26	16.71	6.26	25.77	9.94	-0.36	20.24	20.09	21.16	8.90	11.06	7.74	11.16	5.20	12.73	21.69	28.59	29.58	24.70	18.83
61754	0.41	0.31	0.36	0.21	0.11	0.26	0.03	0.45	-0.01	-0.27	0.44	0.39	0.48	0.09	0.15	0.06	0.15	0.06	0.14	0.31	0.42	0.31	0.17	0.14
	-0.89	-2.13	-0.32	-1.91	-3.76	-2.10	-5.07	-0.04	-9.47	-10.03	-3.82	-3.38	-1.65	-4.58	-3.67	-4.82	-0.64	-0.35	-0.10	-0.39	0.00	0.00	0.00	0.00
DUNWOD	29.84	30.66	27.06	25.29	27.39	26.56	27.39	28.09	49.06	40.18	37.34	35.45	29.62	28.19	26.81	27.90	14.74	7.67	14.51	26.02	31.34	32.56	27.13	20.56
61760	2.36	1.75	2.19	1.34	0.69	1.39	0.12	2.63	0.07	-1.11	1.81	1.84	2.13	0.48	0.79	0.32	1.10	0.51	1.36	2.37	3.17	3.29	2.60	1.87
	-4.53	-10.89	-1.63	-9.76	-19.31	-10.82	-26.11	-0.18	-48.51	-51.40	-19.55	-17.28	-8.46	-23.48	-18.78	-24.72	-3.27	-2.37	-0.66	-2.67	0.00	0.00	0.00	0.00
GENESE	23.48	19.55	23.30	15.48	10.21	15.87	5.07	24.94	7.72	-2.40	18.87	18.79	20.15	7.71	9.97	6.53	10.71	4.98	12.32	20.97	27.77	28.66	23.84	18.20
61753	-0.14	-0.10	-0.20	-0.17	-0.08	-0.11	-0.01	-0.37	-0.05	-0.01	-0.05	-0.13	-0.16	-0.05	-0.09	-0.04	-0.15	-0.08	-0.24	-0.33	-0.40	-0.61	-0.68	-0.49
	-0.68	-1.63	-0.24	-1.47	-2.90	-1.62	-3.92	-0.03	-7.29	-7.73	-2.94	-2.60	-1.27	-3.53	-2.82	-3.71	-0.49	-0.27	-0.08	-0.31	0.00	0.00	0.00	0.00
H Q	22.28	17.53	22.65	13.82	7.20	13.96	1.13	24.60	0.48	-9.78	15.46	15.81	18.44	4.10	7.03	2.78	10.06	4.64	12.10	20.31	27.31	28.37	23.80	18.17
61844	-0.66	-0.49	-0.60	-0.36	-0.19	-0.40	-0.03	-0.69	0.00	0.34	-0.54	-0.52	-0.60	-0.13	-0.21	-0.09	-0.31	-0.14	-0.38	-0.68	-0.87	-0.90	-0.72	-0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	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	29.62	30.30	26.94	24.99	26.89	26.24	26.73	27.97	47.83	38.92	36.78	34.93	29.31	27.58	26.30	27.27	14.59	7.57	14.42	25.83	31.20	32.39	27.00	20.45
61758	2.26	1.68	2.10	1.30	0.67	1.34	0.11	2.51	0.05	-1.07	1.74	1.75	2.03	0.45	0.74	0.30	1.03	0.48	1.29	2.26	3.03	3.12	2.47	1.76
	-4.42	-10.61	-1.59	-9.51	-18.83	-10.55	-25.46	-0.18	-47.30	-50.10	-19.07	-16.85	-8.25	-22.90	-18.32	-24.10	-3.19	-2.30	-0.64	-2.58	0.00	0.00	0.00	0.00
LONGIL	30.54	31.16	27.66	25.65	27.58	26.96	28.39	41.56	49.10	39.95	37.68	35.84	30.04	28.29	26.97	27.98	14.99	7.78	14.81	26.76	32.32	33.45	27.87	21.06
61762	3.07	2.25	2.78	1.70	0.88	1.79	0.17	3.47	0.09	-1.35	2.14	2.23	2.55	0.57	0.94	0.39	1.35	0.62	1.66	3.11	4.15	4.18	3.34	2.37
	-4.54	-10.89	-1.63	-9.76	-19.31	-10.82	-27.06	-12.81	-48.53	-51.41	-19.56	-17.29	-8.46	-23.49	-18.78	-24.72	-3.27	-2.38	-0.66	-2.67	0.00	0.00	0.00	0.00
MHK VL	24.72	21.09	24.37	16.88	12.08	17.33	7.16	26.24	11.48	0.93	21.00	20.81	21.61	9.47	11.53	8.24	11.34	5.27	12.94	22.06	29.08	30.11	25.15	19.15
61756	0.76	0.59	0.74	0.44	0.23	0.49	0.04	0.92	0.01	-0.43	0.69	0.66	0.74	0.15	0.25	0.10	0.27	0.12	0.35	0.67	0.91	0.84	0.63	0.46
	-1.02	-2.49	-0.38	-2.25	-4.45	-2.49	-5.96	-0.04	-10.99	-11.48	-4.34	-3.83	-1.84	-5.08	-4.04	-5.28	-0.70	-0.36	-0.10	-0.40	0.00	0.00	0.00	0.00
MILLWD	29.89	30.72	27.11	25.35	27.47	26.62	27.48	28.15	49.25	40.37	37.47	35.55	29.69	28.28	26.88	27.99	14.76	7.68	14.53	26.07	31.41	32.62	27.17	20.57
61759	2.40	1.78	2.23	1.37	0.71	1.42	0.12	2.68	0.06	-1.13	1.86	1.88	2.16	0.48	0.80	0.32	1.11	0.51	1.38	2.41	3.24	3.35	2.64	1.89
	-4.55	-10.93	-1.63	-9.79	-19.37	-10.85	-26.20	-0.18	-48.71	-51.60	-19.63	-17.35	-8.49	-23.57	-18.84	-24.80	-3.28	-2.38	-0.67	-2.68	0.00	0.00	0.00	0.00
N.Y.C.	29.94	30.75	27.17	25.37	27.43	26.64	27.41	28.24	49.09	40.14	37.46	35.57	29.77	28.23	26.86	27.93	14.81	7.70	14.59	26.14	31.51	32.74	27.29	20.67
61761	2.47	1.84	2.29	1.42	0.73	1.46	0.13	2.78	0.07	-1.16	1.92	1.96	2.27	0.51	0.84	0.35	1.17	0.53	1.44	2.49	3.34	3.47	2.76	1.99
	-4.54	-10.90	-1.63	-9.76	-19.32	-10.82	-26.12	-0.18	-48.53	-51.41	-19.56	-17.29	-8.46	-23.49	-18.78	-24.72	-3.28	-2.38	-0.66	-2.67	0.00	0.00	0.00	0.00
NORTH	22.14	17.46	22.63	13.83	7.22	13.97	1.12	24.74	0.49	-9.79	15.42	15.80	18.42	4.10	7.02	2.78	10.04	4.64	12.10	20.31	27.36	28.41	23.83	18.18
61755	-0.80	-0.56	-0.62	-0.36	-0.18	-0.38	-0.04	-0.54	0.01	0.33	-0.55	-0.53	-0.61	-0.13	-0.22	-0.09	-0.33	-0.14	-0.38	-0.67	-0.81	-0.86	-0.70	-0.51
	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	29.67	31.63	26.93	26.15	29.50	27.53	30.39	27.59	53.91	46.44	39.13	35.68	30.03	30.78	28.80	30.69	15.83	7.94	14.34	25.92	30.62	32.00	25.60	20.04
61845	1.74	1.35	1.75	1.07	0.56	1.11	0.09	1.98	0.03	-0.81	1.30	1.31	1.56	0.34	0.60	0.25	0.86	0.41	1.09	1.85	2.45	2.63	2.13	1.48
	-5.00	-12.26	-1.94	-10.89	-21.54	-12.07	-29.14	-0.33	-53.40	-57.35	-21.86	-18.04	-9.44	-26.20	-20.95	-27.58	-4.60	-2.74	-0.77	-3.08	0.00	-0.10	1.06	0.13

O H 61846	23.28	19.86	22.99	15.78	11.17	16.22	6.53	24.37	10.43	0.72	19.62	19.36	20.19	8.93	10.86	7.86	10.65	4.97	11.98	20.39	26.86	27.70	23.04	17.68
	-0.59	-0.40	-0.60	-0.42	-0.21	-0.36	-0.03	-0.95	-0.07	0.22	-0.40	-0.54	-0.59	-0.15	-0.26	-0.11	-0.39	-0.20	-0.61	-1.02	-1.31	-1.57	-1.49	-1.01
	-0.94	-2.25	-0.34	-2.02	-3.99	-2.24	-5.39	-0.04	-10.02	-10.62	-4.04	-3.57	-1.75	-4.85	-3.88	-5.11	-0.68	-0.37	-0.10	-0.42	0.00	0.00	0.00	0.00
PJM 61847	26.37	24.94	24.92	20.28	18.81	21.11	16.35	26.29	28.61	19.21	28.14	27.06	24.81	18.02	18.41	17.31	12.63	6.23	13.23	23.12	29.14	30.15	25.11	23.00
	0.81	0.61	0.73	0.44	0.23	0.49	0.06	0.90	0.01	-0.47	0.80	0.72	0.87	0.17	0.28	0.11	0.37	0.16	0.39	0.69	0.97	0.88	0.58	0.45
	-2.63	-6.31	-0.94	-5.66	-11.19	-6.27	-15.13	-0.11	-28.12	-29.79	-11.37	-10.02	-4.91	-13.61	-10.88	-14.33	-1.90	-1.28	-0.36	-1.44	0.00	0.00	0.00	-3.86
WEST 61752	23.67	20.09	23.38	15.93	11.12	16.37	6.31	24.73	10.00	0.08	19.74	19.50	20.44	8.80	10.83	7.70	10.80	5.03	12.19	20.78	27.43	28.25	23.46	18.00
	-0.16	-0.08	-0.19	-0.19	-0.09	-0.12	-0.02	-0.59	-0.08	0.02	-0.11	-0.25	-0.27	-0.08	-0.13	-0.06	-0.22	-0.11	-0.39	-0.61	-0.75	-1.02	-1.07	-0.69
	-0.90	-2.15	-0.32	-1.93	-3.82	-2.14	-5.16	-0.04	-9.60	-10.17	-3.87	-3.43	-1.68	-4.65	-3.72	-4.89	-0.65	-0.36	-0.10	-0.40	0.00	0.00	0.00	0.00