

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/16/2019

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	23.90	20.71	21.00	23.75	22.27	20.59	31.30	35.55	36.51	34.00	46.28	32.51	24.62	23.79	23.13	21.26	22.62	24.22	33.70	29.35	29.52	22.71	27.31	25.60
61757	1.18	1.15	1.16	1.30	1.16	1.15	1.63	2.15	2.17	2.05	2.75	1.90	1.37	1.21	1.15	0.98	1.09	1.15	1.70	1.60	1.56	1.21	1.28	1.30
	-2.83	0.00	0.00	0.00	0.00	0.00	-4.35	-1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.31	0.15	0.00	0.27	0.85	0.58	0.00	0.00
CENTRL	20.31	19.63	19.87	22.52	21.23	19.58	25.97	32.51	34.53	32.19	43.93	30.83	23.40	22.77	22.15	20.53	22.22	23.54	32.32	28.60	29.84	22.64	26.20	24.48
61754	0.07	0.07	0.03	0.06	0.12	0.13	0.10	0.04	0.19	0.24	0.41	0.21	0.15	0.19	0.17	0.19	0.20	0.24	0.31	0.42	0.53	0.22	0.16	0.17
	-0.35	0.00	0.00	0.00	0.00	0.00	-0.53	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.17	-0.08	0.00	-0.16	-0.48	-0.33	0.00	0.00
DUNWOD	24.19	21.74	21.98	24.81	23.28	21.53	31.34	36.79	38.47	35.86	48.82	34.40	26.22	25.45	24.77	23.21	26.64	27.12	36.08	33.50	38.06	28.65	29.22	27.25
61760	2.25	2.18	2.15	2.35	2.17	2.09	2.85	3.68	4.13	3.91	5.30	3.78	2.96	2.88	2.79	2.64	2.87	2.97	4.08	3.73	3.81	2.90	3.19	2.95
	-2.06	0.00	0.00	0.00	0.00	0.00	-3.16	-0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-1.92	-0.94	0.00	-1.75	-5.43	-3.67	0.00	0.00
GENESE	19.39	18.77	18.97	21.54	20.36	18.82	24.65	30.98	33.06	30.91	42.33	29.72	22.51	21.86	21.28	19.71	21.31	22.64	31.00	27.43	29.78	21.60	25.05	23.37
61753	-0.75	-0.79	-0.87	-0.92	-0.75	-0.62	-1.07	-1.46	-1.28	-1.04	-1.20	-0.90	-0.74	-0.72	-0.70	-0.62	-0.67	-0.63	-1.00	-0.70	-0.55	-0.73	-0.98	-0.93
	-0.26	0.00	0.00	0.00	0.00	0.00	-0.39	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.13	-0.06	0.00	-0.11	-1.51	-0.24	0.00	0.00
H Q	18.86	19.06	19.36	21.92	20.61	18.92	24.64	3.64	-2.74	1.01	1.31	0.97	0.77	0.74	2.55	-0.35	2.25	22.65	31.23	25.95	31.45	21.52	25.49	23.62
61844	-0.53	-0.50	-0.47	-0.53	-0.50	-0.52	-0.69	-0.81	-0.83	-0.83	-1.13	-0.77	-0.58	-0.56	-0.53	-0.50	-0.55	-0.56	-0.77	-0.80	-0.82	-0.56	-0.55	-0.68
	0.50	0.00	0.00	0.00	0.00	0.00	0.00	27.90	36.25	30.11	41.08	28.88	21.91	21.27	18.90	20.16	19.04	0.00	0.00	1.28	-3.46	0.00	0.00	0.00
HUD VL	23.88	21.47	21.72	24.54	23.02	21.28	30.97	36.34	37.99	35.39	48.18	33.93	25.80	25.05	24.40	22.83	25.96	26.62	35.62	32.82	36.78	27.74	28.87	26.94
61758	1.97	1.90	1.88	2.08	1.91	1.84	2.52	3.25	3.65	3.45	4.66	3.31	2.55	2.48	2.42	2.30	2.51	2.63	3.62	3.34	3.43	2.59	2.84	2.64
	-2.03	0.00	0.00	0.00	0.00	0.00	-3.12	-0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-1.61	-0.78	0.00	-1.46	-4.54	-3.07	0.00	0.00
LONGIL	24.65	22.23	22.44	25.26	23.72	22.09	32.21	38.10	39.89	37.12	50.22	37.62	29.52	27.81	27.09	26.34	30.34	31.58	39.25	39.98	43.27	33.34	30.07	28.82
61762	2.71	2.67	2.60	2.81	2.61	2.65	3.73	4.99	5.55	5.17	6.70	4.84	3.71	3.52	3.44	3.27	3.62	3.76	5.11	4.61	4.86	3.68	4.04	3.77
	-2.06	0.00	0.00	0.00	0.00	0.00	-3.16	-0.77	0.00	0.00	-0.01	-2.16	-2.56	-1.71	-1.67	-2.75	-4.87	-4.61	-2.14	-7.35	-9.59	-7.57	-0.01	-0.74
MHK VL	20.62	19.92	20.18	22.85	21.51	19.80	26.40	33.15	35.22	32.85	44.82	31.53	23.95	23.26	22.62	20.92	22.70	23.98	32.92	29.15	30.49	23.26	26.79	24.99
61756	0.37	0.36	0.34	0.40	0.40	0.36	0.49	0.66	0.88	0.90	1.30	0.91	0.70	0.68	0.64	0.57	0.61	0.64	0.92	0.89	0.96	0.68	0.76	0.69
	-0.36	0.00	0.00	0.00	0.00	0.00	-0.59	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.25	-0.12	0.00	-0.23	-0.72	-0.49	0.00	0.00
MILLWD	24.12	21.66	21.90	24.72	23.20	21.46	31.25	36.67	38.35	35.75	48.68	34.29	26.11	25.35	24.68	23.10	26.49	27.00	35.97	33.37	37.84	28.51	29.15	27.19
61759	2.17	2.10	2.07	2.27	2.09	2.02	2.75	3.56	4.01	3.80	5.15	3.66	2.86	2.77	2.69	2.54	2.77	2.87	3.96	3.64	3.72	2.83	3.11	2.88
	-2.07	0.00	0.00	0.00	0.00	0.00	-3.17	-0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-1.88	-0.92	0.00	-1.71	-5.31	-3.59	0.00	0.00
N.Y.C.	24.36	21.88	22.12	24.96	23.42	21.66	31.50	36.96	38.67	36.07	49.11	36.35	29.90	27.87	25.24	23.41	26.84	27.33	36.58	34.27	39.04	30.14	29.41	27.44
61761	2.41	2.32	2.29	2.51	2.31	2.22	3.02	3.85	4.34	4.12	5.57	4.00	3.17	3.09	3.00	2.84	3.07	3.18	4.34	3.96	4.01	3.06	3.38	3.14
	-2.06	0.00	0.00	0.00	0.00	0.00	-3.16	-0.77	0.00	0.00	-0.01	-1.73	-3.48	-2.20	-0.25	-0.25	-1.93	-0.94	-0.24	-2.28	-6.22	-5.00	0.00	0.00
NORTH	19.11	18.85	19.13	21.67	20.31	18.60	24.18	3.71	-2.16	1.36	1.82	1.35	1.11	1.06	2.76	-0.02	2.53	22.59	31.34	27.33	28.13	21.70	25.70	23.61
61755	-0.78	-0.71	-0.70	-0.79	-0.80	-0.84	-1.15	-1.26	-0.97	-1.10	-1.47	-1.00	-0.72	-0.71	-0.73	-0.61	-0.68	-0.61	-0.66	-0.69	-0.68	-0.38	-0.33	-0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.37	35.53	29.49	40.23	28.27	21.42	20.80	18.50	19.73	18.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	22.37	20.68	21.00	23.76	22.23	20.61	31.01	36.50	35.86	33.44	45.64	32.02	24.19	23.56	22.89	19.81	22.08	23.76	33.29	27.41	31.04	21.93	27.02	25.42
61845	1.14	1.12	1.16	1.31	1.12	1.17	1.56	2.00	1.75	1.64	2.12	1.40	1.03	0.98	0.90	0.74	0.81	0.83	1.28	1.19	1.07	0.93	0.99	1.12
	-1.34	0.00	0.00	0.00	0.00	0.00	-4.13	-2.15	0.24	0.15	0.00	0.00	0.09	0.00	0.00	1.25	0.57	0.28	0.00	1.80	-1.15	1.09	0.00	0.00

OH 61846	19.08	18.40	18.58	21.13	20.01	18.47	24.08	29.95	32.06	29.93	41.14	28.83	21.83	21.24	20.69	19.21	20.78	22.04	30.07	26.67	25.79	21.00	24.27	22.61
	-1.14	-1.16	-1.26	-1.33	-1.10	-0.97	-1.77	-2.52	-2.28	-2.02	-2.38	-1.79	-1.42	-1.34	-1.29	-1.13	-1.23	-1.25	-1.93	-1.51	-1.26	-1.40	-1.77	-1.69
	-0.34	0.00	0.00	0.00	0.00	0.00	-0.52	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.17	-0.08	0.00	-0.15	1.76	-0.31	0.00	0.00
PJM 61847	21.17	20.23	20.46	23.19	21.84	20.15	27.78	33.54	35.54	33.04	45.16	31.65	24.07	23.46	22.82	21.31	23.68	24.63	33.29	28.85	40.85	24.67	26.91	25.17
	0.70	0.66	0.63	0.74	0.73	0.71	0.79	0.79	1.19	1.09	1.64	1.03	0.82	0.88	0.84	0.88	0.95	0.99	1.28	1.30	1.51	0.89	0.88	0.87
	-0.59	0.00	0.00	0.00	0.00	0.00	-1.67	-0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.89	-0.43	0.00	0.48	-10.52	-1.69	0.00	0.00
WEST 61752	19.33	18.63	18.81	21.38	20.26	18.71	24.39	30.38	32.61	30.48	41.93	29.36	22.21	21.61	21.04	19.53	21.12	22.42	30.61	27.20	43.30	21.43	24.77	23.05
	-0.88	-0.93	-1.03	-1.08	-0.85	-0.73	-1.44	-2.09	-1.74	-1.47	-1.59	-1.26	-1.04	-0.97	-0.94	-0.81	-0.89	-0.87	-1.40	-0.98	-0.64	-0.96	-1.27	-1.25
	-0.33	0.00	0.00	0.00	0.00	0.00	-0.51	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.16	-0.08	0.00	-0.15	-15.13	-0.31	0.00	0.00