

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/16/2017

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	117.66	110.15	98.29	80.39	58.72	55.91	48.10	204.66	93.77	82.15	84.05	53.09	61.40	63.60	57.54	93.79	47.97	35.99	82.51	83.48	64.45	68.40	72.86	85.95
61757	-0.54	-1.53	-0.30	-0.55	1.25	0.96	2.43	12.47	1.13	0.03	-0.77	0.26	-0.87	-1.99	-1.99	-1.39	-0.29	0.31	-1.73	-0.98	0.69	-0.37	-0.89	0.47
	-125.58	-132.67	-102.92	-88.95	-39.45	-41.16	-12.73	-27.63	-77.88	-81.72	-95.16	-49.40	-74.36	-93.06	-86.80	-114.66	-52.32	-31.46	-107.50	-97.61	-54.56	-73.83	-85.67	-78.99
CENTRL	12.85	0.20	12.33	6.31	24.73	20.76	35.83	173.64	27.76	13.67	4.83	11.51	-0.33	-13.09	-13.87	-1.40	4.25	9.37	-6.67	2.16	18.14	6.70	1.69	19.31
61754	-0.14	-0.33	-0.07	-0.13	0.31	0.31	0.83	4.60	0.38	0.01	-0.27	0.07	-0.27	-0.70	-0.67	-0.48	-0.11	0.11	-0.62	-0.30	0.21	-0.10	-0.17	0.12
	-20.38	-21.52	-16.71	-14.44	-6.40	-6.66	-2.06	-4.48	-12.62	-13.25	-15.44	-8.01	-12.03	-15.08	-14.08	-18.56	-8.42	-5.05	-17.21	-15.61	-8.73	-11.86	-13.79	-12.70
DUNWOD	94.46	85.41	79.33	63.91	52.00	48.90	47.27	206.18	80.22	67.19	66.05	44.19	47.02	44.86	40.02	71.62	38.09	30.43	61.54	64.88	54.87	54.58	56.78	71.71
61760	-0.69	-1.88	-0.37	-0.71	1.76	1.47	3.92	19.06	1.86	0.05	-1.29	0.44	-1.56	-3.59	-3.51	-2.44	-0.53	0.55	-2.90	-1.63	1.14	-0.62	-1.25	0.72
	-102.54	-108.29	-84.02	-72.63	-32.22	-33.65	-10.40	-22.56	-63.61	-66.73	-77.68	-40.31	-60.68	-75.92	-70.81	-93.53	-42.68	-25.67	-87.71	-79.65	-44.53	-60.26	-69.95	-64.50
GENESE	8.05	-4.64	8.38	2.97	22.83	18.87	34.40	168.08	24.28	10.47	1.40	9.45	-2.90	-16.04	-16.58	-5.31	2.35	8.08	-9.94	-1.03	15.79	4.06	-1.30	16.17
61753	-0.05	0.00	0.01	0.01	-0.06	0.01	-0.11	0.08	-0.09	0.00	0.02	-0.06	0.06	0.00	0.04	0.09	-0.01	0.00	0.13	0.12	-0.11	0.04	0.10	-0.03
	-15.49	-16.35	-12.69	-10.97	-4.87	-5.08	-1.57	-3.44	-9.62	-10.07	-11.71	-6.08	-9.14	-11.43	-10.66	-14.07	-6.42	-3.86	-13.20	-11.99	-6.70	-9.07	-10.53	-9.71
H Q	-7.16	-20.41	-4.20	-7.79	17.52	13.37	31.91	159.45	-2.14	-0.77	-9.97	3.32	-11.68	-26.48	-26.31	-18.81	-4.74	-0.19	-22.46	-12.72	8.90	-4.90	-11.60	6.29
61844	0.23	0.58	0.12	0.21	-0.50	-0.41	-1.03	-5.12	-0.48	-0.01	0.37	-0.11	0.42	0.99	0.96	0.67	0.15	-0.15	0.80	0.42	-0.29	0.16	0.33	-0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.41	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.83	4.26	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	93.34	84.24	78.46	63.18	51.67	48.51	47.03	205.47	79.37	66.35	65.10	43.64	46.31	44.08	39.29	70.47	37.54	30.06	60.52	63.90	54.23	53.80	55.88	70.82
61758	-0.69	-1.90	-0.38	-0.72	1.75	1.46	3.80	18.62	1.79	0.05	-1.24	0.42	-1.47	-3.37	-3.32	-2.33	-0.50	0.52	-2.77	-1.57	1.10	-0.59	-1.20	0.69
	-101.41	-107.13	-83.16	-71.90	-31.90	-33.28	-10.29	-22.28	-62.83	-65.89	-76.68	-39.79	-59.87	-74.92	-69.88	-92.28	-42.09	-25.32	-86.55	-78.61	-43.93	-59.44	-69.01	-63.64
LONGIL	94.40	85.24	79.29	63.83	52.27	49.22	48.75	209.31	80.56	67.20	66.07	44.31	46.86	44.56	40.05	71.39	38.03	30.50	61.23	64.63	55.02	54.49	56.60	71.84
61762	-0.75	-2.06	-0.41	-0.79	2.03	1.79	4.90	22.19	2.19	0.07	-1.44	0.53	-1.81	-4.10	-3.87	-2.67	-0.59	0.62	-3.21	-1.87	1.30	-0.71	-1.42	0.85
	-102.53	-108.29	-84.02	-72.63	-32.22	-33.65	-10.90	-22.56	-63.61	-66.73	-77.85	-40.35	-60.76	-76.13	-71.19	-93.53	-42.68	-25.67	-87.70	-79.65	-44.53	-60.25	-69.95	-64.50
MHK VL	14.61	2.15	14.44	8.12	25.93	21.88	36.81	177.77	29.04	14.70	5.77	12.14	0.26	-12.65	-13.71	-0.97	4.58	9.68	-6.28	2.74	18.86	7.28	2.32	20.53
61756	-0.27	-0.72	-0.15	-0.28	0.66	0.58	1.57	8.40	0.75	0.02	-0.51	0.15	-0.53	-1.22	-1.18	-0.83	-0.17	0.19	-1.06	-0.60	0.42	-0.22	-0.43	0.24
	-22.27	-23.87	-18.91	-16.40	-7.24	-7.52	-2.30	-4.81	-13.53	-14.28	-16.62	-8.56	-12.88	-16.05	-14.74	-19.34	-8.81	-5.28	-18.05	-16.49	-9.24	-12.55	-14.67	-13.80
MILLWD	95.09	86.01	79.85	64.35	52.27	49.18	47.49	207.36	80.76	67.67	66.55	44.46	47.39	45.31	40.42	72.14	38.34	30.59	62.03	65.34	55.19	54.97	57.21	72.15
61759	-0.72	-1.97	-0.40	-0.74	1.82	1.54	4.07	20.08	1.93	0.06	-1.33	0.45	-1.58	-3.62	-3.56	-2.48	-0.53	0.55	-2.96	-1.67	1.18	-0.63	-1.28	0.74
	-103.20	-108.97	-84.56	-73.09	-32.43	-33.86	-10.47	-22.73	-64.07	-67.21	-78.21	-40.58	-61.06	-76.40	-71.25	-94.10	-42.93	-25.82	-88.25	-80.16	-44.81	-60.66	-70.41	-64.92
N.Y.C.	94.43	85.31	79.32	63.88	52.11	48.98	47.53	207.44	80.39	67.20	73.43	45.98	50.61	53.82	56.97	71.41	38.05	30.48	61.33	64.77	54.97	54.54	56.70	71.78
61761	-0.73	-2.00	-0.40	-0.75	1.86	1.55	4.18	20.32	2.02	0.06	-1.41	0.48	-1.70	-3.90	-3.80	-2.66	-0.58	0.59	-3.12	-1.75	1.24	-0.67	-1.33	0.78
	-102.55	-108.30	-84.03	-72.64	-32.22	-33.65	-10.41	-22.56	-63.62	-66.74	-85.18	-42.07	-64.40	-85.19	-88.04	-93.55	-42.69	-25.67	-87.71	-79.66	-44.53	-60.26	-69.96	-64.51
NORTH	-7.06	-20.14	-4.13	-7.67	17.16	13.11	31.47	158.57	14.16	0.38	-9.79	3.25	-11.43	-25.99	-25.91	-18.48	-3.81	3.98	-22.22	-12.64	8.85	-4.87	-11.62	6.27
61755	0.32	0.86	0.18	0.33	-0.86	-0.66	-1.48	-5.99	-0.59	-0.02	0.55	-0.18	0.67	1.48	1.37	1.00	0.24	-0.24	1.04	0.51	-0.35	0.18	0.30	-0.22
	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	105.80	100.21	89.66	72.93	55.49	52.50	47.12	200.63	89.53	74.11	75.95	48.92	55.00	55.47	49.93	83.88	43.48	33.35	75.41	77.94	61.36	62.12	65.79	79.33
61845	-0.55	-1.58	-0.31	-0.56	1.31	1.00	2.52	12.75	1.21	0.03	-0.83	0.28	-0.96	-2.21	-2.21	-1.55	-0.33	0.34	-1.85	-1.03	0.73	-0.40	-0.94	0.50
	-113.74	-122.79	-94.29	-81.50	-36.15	-37.72	-11.66	-23.32	-73.57	-73.68	-87.13	-45.22	-68.05	-85.15	-79.41	-104.90	-47.86	-28.79	-100.52	-92.12	-51.43	-67.58	-78.65	-72.33

OH	14.04	1.97	13.27	7.27	24.29	20.44	33.96	163.73	27.33	12.14	6.26	11.60	1.01	-10.81	-11.70	0.62	4.90	9.43	-4.18	4.05	17.95	7.68	3.05	19.71
61846	0.09	0.42	0.10	0.16	-0.44	-0.33	-1.14	-5.54	-0.65	-0.02	0.46	-0.20	0.50	0.89	0.86	0.66	0.09	-0.12	0.86	0.66	-0.50	0.21	0.45	-0.17
	-21.34	-22.54	-17.49	-15.12	-6.70	-6.99	-2.16	-4.70	-13.22	-11.75	-16.14	-8.37	-12.60	-15.77	-14.71	-19.43	-8.87	-5.33	-18.22	-16.54	-9.25	-12.52	-14.53	-13.40
PJM	52.65	42.01	44.96	34.45	37.90	34.14	40.70	186.29	55.15	38.51	34.84	27.29	23.04	15.76	12.95	34.51	20.81	19.54	32.87	33.13	35.77	30.16	28.82	44.69
61847	-0.26	-0.67	-0.13	-0.25	0.67	0.61	1.64	8.45	0.76	0.03	-0.50	0.16	-0.54	-1.41	-1.41	-1.01	-0.23	0.23	-1.19	-0.55	0.39	-0.22	-0.38	0.28
	-60.30	-63.68	-49.41	-42.71	-19.20	-19.75	-6.12	-13.27	-39.63	-38.08	-45.68	-23.70	-35.68	-44.64	-41.63	-55.00	-25.09	-15.09	-57.32	-46.83	-26.18	-35.43	-41.13	-37.92
WEST	12.90	0.51	12.37	6.41	24.31	20.37	34.48	166.89	27.00	13.62	5.34	11.25	0.22	-12.01	-12.83	-0.58	4.42	9.24	-5.36	3.08	17.64	7.01	2.14	19.20
61752	-0.07	0.01	0.02	0.01	-0.11	-0.07	-0.53	-2.17	-0.38	-0.01	0.29	-0.16	0.30	0.43	0.43	0.38	0.03	-0.06	0.56	0.47	-0.37	0.13	0.20	-0.06
	-20.36	-21.49	-16.67	-14.41	-6.39	-6.66	-2.06	-4.50	-12.64	-13.23	-15.39	-7.99	-12.02	-15.03	-14.02	-18.51	-8.45	-5.08	-17.35	-15.76	-8.81	-11.93	-13.86	-12.77