

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/15/2017

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	43.78	51.86	54.44	48.95	36.14	17.49	21.32	34.80	52.54	69.71	73.76	61.84	66.28	90.08	70.53	63.87	60.47	61.68	61.31	75.25	73.71	75.30	75.49	64.73
61757	1.84	0.51	0.02	1.50	1.25	-1.83	1.10	2.10	1.33	1.55	0.54	1.37	0.91	0.45	0.19	0.79	0.65	1.05	0.38	-0.39	0.04	-1.67	-0.58	-0.72
	-17.01	-44.40	-54.21	-27.21	-18.36	-44.48	-5.78	-5.09	-34.01	-47.38	-65.91	-41.88	-52.74	-83.34	-67.51	-51.58	-50.55	-45.65	-55.67	-80.90	-73.25	-99.36	-83.71	-75.27
CENTRL	28.24	14.30	8.99	25.10	19.85	-18.68	15.81	40.08	30.92	28.88	18.12	25.74	21.41	19.90	13.79	20.02	17.63	22.68	14.39	7.71	12.33	-6.74	5.81	2.24
61754	0.56	0.17	0.02	0.46	0.35	-0.71	0.43	0.81	0.42	0.43	0.17	0.39	0.27	0.14	0.04	0.17	0.18	0.31	0.12	-0.14	0.02	-0.47	-0.11	-0.16
	-2.74	-7.19	-8.77	-4.40	-2.97	-7.18	-0.93	-11.66	-13.31	-7.66	-10.64	-6.76	-8.52	-13.48	-10.93	-8.35	-8.18	-7.38	-9.01	-13.11	-11.89	-16.12	-13.58	-12.22
DUNWOD	41.63	43.94	44.46	44.54	33.29	8.21	21.08	35.54	47.24	62.15	62.06	55.32	57.33	75.11	58.27	55.06	51.75	54.22	51.39	60.01	60.26	55.68	59.73	50.44
61760	2.82	0.78	0.03	2.10	1.78	-2.92	1.92	3.78	2.30	2.71	0.97	2.55	1.68	0.85	0.38	1.48	1.24	2.00	0.72	-0.72	0.10	-2.96	-0.93	-1.17
	-13.88	-36.21	-44.23	-22.21	-14.98	-36.28	-4.72	-4.15	-27.75	-38.66	-53.78	-34.17	-43.02	-67.98	-55.06	-42.08	-41.24	-37.23	-45.40	-65.98	-59.75	-81.04	-68.31	-61.42
GENESE	27.25	12.47	6.90	23.82	18.97	-20.09	15.27	28.16	21.05	26.33	15.37	23.52	19.00	16.49	11.11	17.66	15.38	20.41	12.07	4.75	9.42	-10.00	2.74	-0.50
61753	0.22	0.05	0.02	0.22	0.18	-0.42	0.10	-0.08	-0.09	-0.29	-0.05	-0.24	-0.15	-0.10	-0.06	-0.21	-0.15	-0.22	-0.07	0.01	-0.04	0.12	0.05	0.02
	-2.10	-5.47	-6.69	-3.36	-2.27	-5.49	-0.71	-0.63	-3.95	-5.84	-8.12	-5.17	-6.52	-10.30	-8.34	-6.38	-6.25	-5.64	-6.88	-9.99	-9.05	-12.27	-10.34	-9.29
H Q	24.06	6.69	0.86	19.53	15.97	-24.31	13.90	26.63	16.61	20.36	6.68	17.96	12.19	6.05	2.74	11.13	8.96	14.49	5.09	-5.06	-9.30	-21.59	-7.41	-9.50
61844	-0.87	-0.25	-0.01	-0.70	-0.56	0.85	-0.55	-0.98	-0.58	-0.65	-0.25	-0.63	-0.44	-0.23	-0.09	-0.36	-0.31	-0.50	-0.18	0.19	-0.01	0.80	0.24	0.31
	0.00	0.00	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.71	0.00	0.00	0.00
HUD VL	41.42	43.61	44.09	44.34	33.14	8.00	20.98	35.35	47.16	62.05	61.99	55.03	56.83	74.41	57.71	54.57	51.29	53.77	50.92	59.41	59.69	55.02	59.10	49.89
61758	2.73	0.76	0.03	2.08	1.75	-2.85	1.85	3.61	2.21	2.62	0.94	2.42	1.60	0.81	0.36	1.41	1.18	1.91	0.68	-0.70	0.09	-2.86	-0.90	-1.12
	-13.76	-35.90	-43.86	-22.03	-14.86	-36.00	-4.68	-4.13	-27.75	-38.65	-53.75	-34.01	-42.60	-67.32	-54.53	-41.66	-40.84	-36.87	-44.98	-65.37	-59.18	-80.27	-67.66	-60.83
LONGIL	42.23	44.14	44.46	45.07	33.76	7.64	21.42	36.21	47.68	62.63	62.24	55.86	62.42	75.90	66.60	94.71	82.21	79.36	51.56	59.86	60.29	55.07	59.53	59.97
61762	3.42	0.98	0.03	2.63	2.26	-3.49	2.26	4.45	2.73	3.19	1.15	3.09	2.09	1.05	0.47	1.83	1.52	2.46	0.89	-0.87	0.13	-3.57	-1.13	-1.49
	-13.88	-36.21	-44.23	-22.21	-14.98	-36.28	-4.71	-4.15	-27.75	-38.66	-53.78	-34.17	-47.70	-68.57	-63.31	-81.38	-71.43	-61.91	-45.40	-65.98	-59.74	-81.03	-68.31	-71.27
MHK VL	28.86	15.29	10.27	26.08	20.60	-17.94	16.22	29.88	23.95	29.95	18.95	26.61	22.14	20.71	14.38	20.77	18.37	23.51	15.10	8.45	13.13	-6.16	6.67	3.13
61756	0.91	0.25	0.01	0.76	0.63	-1.12	0.71	1.38	0.85	1.01	0.36	0.91	0.61	0.30	0.11	0.48	0.40	0.67	0.25	-0.25	0.04	-1.00	-0.29	-0.37
	-3.02	-8.09	-10.05	-5.08	-3.44	-8.33	-1.06	-0.90	-5.91	-8.16	-11.27	-7.11	-8.91	-14.13	-11.44	-8.79	-8.70	-7.85	-9.58	-13.97	-12.67	-17.24	-14.61	-13.31
MILLWD	41.80	44.21	44.76	44.77	33.46	8.36	21.19	35.69	47.55	62.57	62.54	55.64	57.67	75.60	58.65	55.38	52.06	54.53	51.72	60.44	60.67	56.15	60.17	50.83
61759	2.89	0.80	0.03	2.18	1.85	-3.02	1.99	3.89	2.38	2.80	1.00	2.61	1.72	0.87	0.39	1.52	1.26	2.06	0.74	-0.75	0.09	-3.06	-0.96	-1.20
	-13.97	-36.46	-44.53	-22.36	-15.08	-36.53	-4.75	-4.19	-27.98	-38.98	-54.23	-34.43	-43.32	-68.45	-55.44	-42.37	-41.53	-37.49	-45.72	-66.44	-60.16	-81.60	-68.78	-61.84
N.Y.C.	41.82	43.99	44.48	44.67	33.39	8.03	21.22	35.83	47.41	62.38	62.15	55.53	57.47	75.19	58.31	55.18	51.86	54.39	51.46	59.97	60.29	55.44	59.67	50.37
61761	3.00	0.83	0.04	2.23	1.88	-3.10	2.06	4.06	2.47	2.93	1.05	2.76	1.82	0.92	0.41	1.60	1.34	2.17	0.78	-0.77	0.12	-3.21	-0.99	-1.25
	-13.88	-36.22	-44.23	-22.21	-14.98	-36.29	-4.72	-4.16	-27.75	-38.66	-53.79	-34.18	-43.02	-67.99	-55.07	-42.08	-41.25	-37.24	-45.41	-65.99	-59.75	-81.04	-68.32	-61.43
NORTH	23.73	6.57	0.16	19.18	15.70	-24.10	13.70	26.39	16.49	20.02	6.96	17.73	12.01	5.95	2.71	10.99	8.80	14.25	5.01	-4.97	0.39	-21.18	-7.29	-9.37
61755	-1.20	-0.37	-0.04	-1.05	-0.83	1.05	-0.74	-1.21	-0.70	-0.76	-0.35	-0.86	-0.62	-0.32	-0.12	-0.50	-0.46	-0.73	-0.26	0.28	-0.03	1.21	0.37	0.45
	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	42.60	48.17	50.56	46.84	33.24	13.39	21.58	35.31	51.29	66.24	67.94	58.57	61.98	83.14	64.88	59.68	56.34	58.56	56.06	67.69	68.06	66.67	69.48	59.57
61845	2.09	0.58	0.03	1.68	1.39	-2.03	1.27	2.46	1.54	1.82	0.63	1.60	1.05	0.53	0.23	0.93	0.76	1.22	0.43	-0.44	0.03	-1.93	-0.69	-0.87
	-15.58	-40.64	-50.33	-24.93	-15.32	-40.58	-5.86	-5.24	-32.56	-43.63	-60.00	-38.37	-48.30	-76.34	-61.83	-47.25	-46.31	-42.35	-50.36	-73.39	-67.61	-90.99	-77.82	-70.25

O H 61846	27.64	14.46	9.44	24.79	19.59	-17.66	15.23	-1.85	1.16	27.78	18.14	24.70	20.89	20.07	14.11	19.54	17.34	21.91	14.44	8.70	12.77	-4.62	6.86	3.24
	-0.18	-0.04	0.02	-0.07	-0.06	-0.06	-0.20	-0.66	-0.53	-1.03	-0.33	-1.00	-0.70	-0.37	-0.19	-0.72	-0.53	-0.83	-0.28	0.20	-0.09	0.89	0.28	0.25
	-2.89	-7.55	-9.22	-4.63	-3.12	-7.56	-0.98	28.79	15.51	-8.02	-11.17	-7.11	-8.96	-14.16	-11.47	-8.77	-8.59	-7.76	-9.46	-13.75	-12.45	-16.88	-14.23	-12.80
PJM 61847	34.37	28.67	26.99	34.28	26.15	-11.84	22.61	43.65	30.58	44.81	38.95	39.63	38.54	46.64	35.38	36.71	33.91	37.61	32.27	33.34	35.64	24.24	32.27	25.94
	1.25	0.37	0.03	0.95	0.79	-1.48	0.97	1.96	1.10	1.05	0.36	0.91	0.56	0.30	0.10	0.41	0.41	0.69	0.26	-0.29	0.02	-1.12	-0.33	-0.44
	-8.18	-21.36	-26.75	-13.09	-8.83	-14.80	-7.19	-14.08	-12.29	-22.97	-31.28	-20.12	-25.35	-40.06	-32.45	-24.79	-24.23	-21.94	-26.76	-38.88	-35.20	-47.75	-40.25	-36.19
WEST 61752	28.04	14.25	9.02	25.00	19.79	-18.55	15.49	155.23	112.60	27.80	17.77	24.69	20.70	19.52	13.62	19.32	17.06	21.74	14.07	7.96	12.18	-5.81	6.05	2.46
	0.35	0.10	0.02	0.34	0.28	-0.61	0.10	-0.12	-0.21	-0.67	-0.20	-0.69	-0.48	-0.27	-0.14	-0.54	-0.40	-0.63	-0.21	0.12	-0.10	0.47	0.12	0.06
	-2.76	-7.20	-8.80	-4.42	-2.98	-7.22	-0.94	-127.75	-95.61	-7.69	-10.66	-6.78	-8.55	-13.51	-10.94	-8.36	-8.19	-7.39	-9.01	-13.10	-11.87	-16.10	-13.58	-12.21