

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

02/02/2018

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL	16.37	23.93	20.23	19.10	20.66	21.41	36.02	36.69	194.94	34.20	59.27	98.94	70.68	90.08	99.27	55.25	76.09	95.29	84.72	212.56	100.01	76.37	80.64	67.45
61757	1.31	1.53	1.65	1.59	1.69	1.73	2.98	3.05	16.14	2.77	1.65	0.78	1.57	1.56	1.24	1.62	1.53	5.85	3.45	9.97	1.45	1.22	1.27	2.47
	-0.08	-5.48	-0.47	0.00	0.00	0.00	0.00	0.00	-0.22	-1.12	-39.09	-89.30	-51.16	-70.66	-83.82	-35.03	-57.39	-24.79	-44.27	-91.76	-82.19	-61.17	-64.77	-37.17
CENTRL	15.17	17.76	18.33	17.70	19.16	19.97	33.55	34.09	181.35	30.92	23.66	20.27	24.59	26.96	24.89	23.14	24.50	68.05	42.53	122.76	26.77	21.75	22.79	32.56
61754	0.18	0.15	0.17	0.18	0.19	0.29	0.52	0.44	2.74	0.47	0.21	0.08	0.16	0.18	0.11	0.13	0.10	0.30	0.15	0.46	0.12	0.08	0.04	0.13
	-0.01	-0.69	-0.06	0.00	0.00	0.00	0.00	0.00	-0.03	-0.14	-4.93	-11.32	-6.48	-8.92	-10.57	-4.41	-7.22	-3.11	-5.38	-11.46	-10.27	-7.68	-8.15	-4.62
DUNWOD	16.56	22.64	20.17	19.16	20.72	21.56	36.65	37.52	199.15	34.81	49.96	76.76	58.35	72.88	78.63	47.05	62.16	93.71	105.77	200.26	87.27	61.42	64.95	71.99
61760	1.53	1.61	1.72	1.64	1.75	1.88	3.62	3.88	20.41	3.66	2.16	1.02	2.09	2.08	1.65	2.22	2.04	7.84	4.46	12.85	1.97	1.64	1.69	3.20
	-0.06	-4.11	-0.36	0.00	0.00	0.00	0.00	0.00	-0.17	-0.84	-29.28	-66.87	-38.32	-52.93	-62.77	-26.23	-42.95	-21.22	-64.31	-76.58	-68.92	-45.80	-48.66	-40.97
GENESE	14.75	17.05	17.73	17.19	18.62	19.49	32.49	32.83	175.96	29.90	21.76	17.03	22.30	24.17	21.76	21.41	22.00	64.74	39.80	115.68	23.54	19.18	20.02	30.04
61753	-0.23	-0.38	-0.41	-0.32	-0.35	-0.19	-0.55	-0.82	-2.64	-0.52	-0.44	-0.23	-0.46	-0.34	-0.33	-0.48	-0.57	-2.23	-1.23	-3.75	-0.54	-0.55	-0.67	-1.22
	-0.01	-0.51	-0.05	0.00	0.00	0.00	0.00	0.00	-0.02	-0.11	-3.68	-8.40	-4.81	-6.64	-7.88	-3.29	-5.39	-2.32	-4.03	-8.59	-7.70	-5.75	-6.09	-3.45
H Q	14.50	16.39	17.54	17.00	18.44	18.92	31.99	32.55	172.37	29.20	17.87	8.55	17.33	17.27	13.72	17.95	16.60	62.70	35.88	107.68	14.88	13.55	14.15	26.95
61844	-0.48	-0.53	-0.56	-0.52	-0.53	-0.56	-1.05	-1.09	-6.21	-1.11	-0.65	-0.31	-0.61	-0.59	-0.49	-0.65	-0.57	-1.95	-1.12	-3.16	-0.51	-0.43	-0.45	-0.87
	0.00	0.00	0.00	0.00	0.00	0.20	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	0.99	0.00	0.00	0.00
HUD VL	16.48	22.55	20.10	19.09	20.67	21.49	36.47	37.14	198.31	34.65	49.78	76.48	58.12	72.57	78.32	46.82	61.90	89.01	69.14	190.43	78.45	61.17	64.48	55.39
61758	1.45	1.55	1.65	1.58	1.69	1.81	3.45	3.70	19.72	3.51	2.07	0.97	1.99	1.98	1.58	2.10	1.95	7.53	4.27	12.40	1.89	1.57	1.61	3.02
	-0.06	-4.09	-0.35	0.00	0.00	0.00	0.02	0.20	-0.01	-0.83	-29.19	-66.64	-38.18	-52.73	-62.54	-26.13	-42.78	-16.84	-27.87	-67.20	-60.18	-45.61	-48.27	-24.56
LONGIL	17.13	23.23	20.78	19.73	21.37	22.34	57.10	61.42	212.30	39.08	50.68	77.14	59.08	73.63	81.82	55.20	69.91	111.21	108.49	223.67	93.77	162.04	72.97	91.16
61762	2.09	2.20	2.32	2.22	2.40	2.66	5.22	5.53	28.35	5.10	2.83	1.32	2.76	2.77	2.24	2.98	2.75	10.43	5.80	16.53	2.63	2.26	2.37	4.43
	-0.07	-4.11	-0.36	0.00	0.00	0.00	-18.84	-22.24	-5.38	-3.67	-29.32	-66.96	-38.38	-53.00	-65.37	-33.62	-49.99	-36.13	-65.69	-96.30	-74.76	-145.80	-56.00	-58.92
MHK VL	15.39	18.09	18.63	17.97	19.51	20.33	34.33	35.05	186.20	31.71	24.46	21.15	25.48	28.06	26.04	23.97	25.58	70.74	44.44	128.09	28.47	23.09	24.26	34.05
61756	0.40	0.43	0.46	0.46	0.53	0.65	1.30	1.41	7.60	1.26	0.70	0.33	0.66	0.66	0.51	0.64	0.64	2.73	1.58	4.65	0.70	0.57	0.58	1.06
	-0.01	-0.74	-0.06	0.00	0.00	0.00	0.00	0.00	-0.03	-0.15	-5.23	-11.96	-6.88	-9.53	-11.32	-4.74	-7.78	-3.36	-5.87	-12.61	-11.39	-8.54	-9.08	-5.18
MILLWD	16.56	22.68	20.18	19.16	20.73	21.58	36.67	37.33	199.22	34.84	50.28	77.45	58.76	73.42	79.28	47.33	62.61	89.84	71.99	192.67	79.98	61.93	65.30	57.00
61759	1.53	1.62	1.72	1.65	1.76	1.90	3.65	3.90	20.64	3.69	2.18	1.03	2.10	2.10	1.67	2.23	2.06	7.94	4.53	13.11	2.00	1.67	1.71	3.22
	-0.06	-4.15	-0.36	0.00	0.00	0.00	0.02	0.21	-0.01	-0.84	-29.58	-67.56	-38.72	-53.46	-63.41	-26.50	-43.38	-17.25	-30.47	-68.73	-61.60	-46.28	-48.99	-25.97
N.Y.C.	16.72	22.79	20.34	19.32	20.90	21.75	37.35	41.32	203.95	37.65	61.41	79.97	69.60	79.81	84.50	73.16	76.01	121.13	109.31	200.74	88.42	69.57	88.34	123.08
61761	1.68	1.77	1.88	1.80	1.93	2.07	4.03	4.30	22.56	4.06	2.37	1.12	2.30	2.29	1.81	2.44	2.24	8.61	4.89	14.12	2.17	1.81	1.87	3.55
	-0.06	-4.11	-0.36	0.00	0.00	0.00	-0.28	-3.37	-2.81	-3.28	-40.51	-69.99	-49.36	-59.65	-68.48	-52.12	-56.61	-47.87	-67.43	-75.79	-69.87	-53.78	-71.87	-91.72
NORTH	14.44	16.30	17.46	16.95	18.49	19.24	32.18	32.63	171.86	28.89	17.71	8.48	17.17	17.07	13.52	17.68	16.43	62.73	35.89	107.65	15.90	13.56	14.17	27.05
61755	-0.54	-0.61	-0.64	-0.56	-0.49	-0.43	-0.85	-1.01	-6.71	-1.42	-0.81	-0.39	-0.78	-0.80	-0.69	-0.91	-0.74	-1.92	-1.11	-3.19	-0.47	-0.42	-0.43	-0.76
	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	30.55	36.49	35.24	35.63	39.30	35.83	43.93	40.34	199.83	39.97	64.96	97.16	65.03	88.85	91.22	51.51	69.64	94.03	81.58	203.76	89.04	69.43	73.28	65.23
61845	1.55	1.74	1.86	1.77	1.90	1.97	3.55	3.63	19.02	3.35	1.98	0.94	1.91	1.92	1.53	1.99	1.83	6.84	4.04	11.65	1.72	1.46	1.51	2.92
	-14.03	-17.83	-15.27	-16.34	-18.43	-14.18	-7.35	-3.07	-2.23	-6.31	-44.45	-87.35	-45.18	-69.06	-75.48	-30.93	-50.64	-22.55	-40.55	-81.27	-70.94	-53.99	-57.18	-34.49

O H 61846	14.41	16.80	17.32	16.82	18.21	19.03	31.45	31.53	169.75	28.85	22.25	19.51	23.16	25.71	23.86	21.73	23.05	62.44	39.48	113.96	25.43	20.48	21.42	30.18
	-0.58	-0.81	-0.84	-0.70	-0.76	-0.65	-1.59	-2.11	-8.85	-1.60	-1.21	-0.63	-1.25	-1.08	-0.95	-1.31	-1.38	-5.33	-2.94	-8.43	-1.30	-1.23	-1.37	-2.26
	-0.01	-0.69	-0.06	0.00	0.00	0.00	0.00	0.00	-0.03	-0.14	-4.94	-11.28	-6.46	-8.93	-10.60	-4.43	-7.25	-3.12	-5.42	-11.56	-10.35	-7.74	-8.19	-4.63
PJM 61847	15.61	19.86	18.91	18.14	19.63	20.25	34.46	34.99	186.43	32.21	36.21	48.02	40.79	49.23	51.15	34.47	42.64	77.05	53.35	152.96	50.72	40.95	43.07	43.15
	0.60	0.55	0.60	0.62	0.65	0.77	1.42	1.35	7.75	1.41	0.66	0.27	0.56	0.59	0.43	0.61	0.49	1.88	1.05	3.19	0.48	0.33	0.29	0.77
	-0.03	-2.39	-0.21	0.00	0.00	0.20	0.00	0.00	-0.10	-0.49	-17.03	-38.89	-22.28	-30.78	-36.51	-15.26	-24.98	-10.52	-15.30	-38.94	-33.86	-26.64	-28.18	-14.56
WEST 61752	14.67	17.05	17.61	17.11	18.52	19.39	32.02	32.13	173.55	29.43	22.43	19.32	23.29	25.76	23.76	21.87	23.07	63.42	40.01	115.81	25.41	20.49	21.39	30.47
	-0.32	-0.54	-0.55	-0.41	-0.45	-0.29	-1.02	-1.51	-5.05	-1.01	-0.88	-0.47	-0.92	-0.75	-0.71	-1.01	-1.12	-4.25	-2.24	-6.22	-0.99	-0.98	-1.13	-1.82
	-0.01	-0.67	-0.06	0.00	0.00	0.00	0.00	0.00	-0.03	-0.14	-4.78	-10.93	-6.26	-8.65	-10.26	-4.29	-7.02	-3.02	-5.25	-11.19	-10.02	-7.49	-7.93	-4.48