

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/19/2019

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	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	84.65	60.60	53.55	69.49	104.81	109.47	115.78	64.64	113.90	230.85	53.02	54.38	39.61	33.90	55.02	44.44	43.02	201.51	55.45	54.37	71.92	56.78	78.08	67.25
61757	1.39	2.37	2.44	2.60	0.83	-0.77	2.85	5.35	9.00	17.77	3.88	2.72	2.74	2.09	1.57	2.17	3.24	15.20	4.27	4.07	5.48	2.49	1.57	1.20
	-65.70	-27.49	-17.12	-33.69	-94.14	-119.11	-83.42	0.00	0.00	-1.94	-0.90	-17.89	-2.23	-5.72	-34.17	-15.27	0.00	0.00	0.00	0.00	0.00	-24.41	-57.08	-50.50
CENTRL	25.55	33.94	35.93	37.23	21.50	5.72	40.16	60.00	106.31	214.97	48.90	36.21	35.11	26.96	23.64	28.99	39.98	188.94	51.76	50.90	66.96	33.07	26.53	21.81
61754	-0.16	-0.20	-0.16	-0.14	0.07	-0.03	0.41	0.72	1.40	3.59	0.55	0.24	0.21	0.18	0.18	0.12	0.20	2.64	0.58	0.60	0.52	0.20	0.10	0.06
	-8.15	-3.40	-2.11	-4.16	-11.60	-14.63	-10.24	0.00	0.00	-0.24	-0.11	-2.20	-0.27	-0.70	-4.18	-1.87	0.00	0.00	0.00	0.00	0.00	-3.00	-7.01	-6.21
DUNWOD	67.30	53.81	49.70	60.89	79.58	77.31	93.49	65.48	116.01	234.77	54.18	50.62	40.04	33.08	46.37	41.09	43.97	206.59	56.98	55.77	73.80	51.04	63.30	54.15
61760	1.71	2.98	3.20	3.07	0.95	-0.84	3.09	6.19	11.11	22.21	5.28	3.78	3.78	2.81	2.11	2.93	4.19	20.28	5.80	5.47	7.36	3.32	2.14	1.69
	-48.02	-20.09	-12.51	-24.61	-68.79	-87.01	-60.89	0.00	0.00	-1.42	-0.66	-13.08	-1.63	-4.18	-24.97	-11.16	0.00	0.00	0.00	0.00	0.00	-17.85	-41.74	-36.92
GENESE	22.58	32.13	34.35	35.06	17.73	1.33	36.01	58.53	103.38	208.49	47.36	34.52	33.93	26.03	21.76	27.39	38.67	183.56	49.96	49.29	64.56	31.08	23.81	19.46
61753	-0.53	-0.93	-1.08	-0.99	-0.04	0.16	-0.53	-0.76	-1.52	-2.81	-0.95	-0.77	-0.89	-0.54	-0.43	-0.90	-1.11	-2.74	-1.21	-1.01	-1.89	-0.87	-0.47	-0.39
	-5.54	-2.32	-1.44	-2.84	-7.94	-10.04	-7.03	0.00	0.00	-0.17	-0.08	-1.52	-0.19	-0.49	-2.90	-1.30	0.00	0.00	0.00	0.00	0.00	-2.08	-4.86	-4.31
H Q	17.17	30.06	33.26	35.05	10.73	-8.60	28.50	57.55	101.67	204.47	46.73	32.72	33.61	25.30	18.67	26.23	38.73	180.73	49.61	48.85	64.53	28.97	18.84	15.08
61844	-0.40	-0.68	-0.72	-0.71	-0.29	0.27	-1.01	-1.74	-3.23	-6.67	-1.51	-1.05	-1.02	-0.78	-0.61	-0.77	-1.05	-5.58	-1.56	-1.44	-1.91	-0.90	-0.58	-0.46
	0.00	0.00	0.00	-2.55	-1.19	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
HUD VL	66.87	53.45	49.39	60.56	79.20	76.98	93.02	65.00	115.11	232.93	53.64	50.21	39.66	32.80	46.22	40.82	43.57	204.76	56.45	55.30	73.13	50.77	63.18	53.91
61758	1.56	2.72	2.95	2.83	0.89	-0.78	2.89	5.71	10.20	20.38	4.74	3.40	3.40	2.52	1.90	2.64	3.78	18.46	5.27	5.00	6.69	3.02	1.94	1.53
	-47.75	-19.99	-12.45	-24.51	-68.47	-86.63	-60.63	0.00	0.00	-1.41	-0.65	-13.03	-1.64	-4.20	-25.03	-11.18	0.00	0.00	0.00	0.00	0.00	-17.88	-41.82	-36.83
LONGIL	107.10	80.68	78.19	73.80	89.45	91.53	129.11	108.17	149.74	249.95	102.76	112.06	78.04	94.62	94.40	106.69	96.23	227.02	111.24	114.85	123.37	105.07	99.62	92.53
61762	2.34	4.01	4.34	4.23	1.37	-1.14	4.21	8.20	14.51	29.03	7.09	5.19	5.04	3.71	2.76	3.72	5.38	24.40	7.57	6.59	9.23	4.19	2.74	2.21
	-87.20	-45.93	-39.86	-36.36	-78.24	-101.53	-95.40	-40.68	-30.32	-9.78	-47.43	-73.11	-38.37	-64.83	-72.35	-75.97	-51.06	-16.31	-52.49	-57.97	-47.70	-71.00	-77.45	-74.78
MHK VL	27.16	35.49	37.39	39.03	23.74	7.75	42.29	61.92	109.61	221.16	50.46	37.60	36.35	27.92	24.55	30.09	41.49	195.21	53.56	52.64	69.57	34.45	27.83	23.01
61756	0.47	0.86	0.96	0.96	0.32	-0.29	1.18	2.63	4.70	9.76	2.10	1.42	1.43	1.08	0.77	1.09	1.70	8.91	2.38	2.34	3.13	1.34	0.83	0.62
	-9.12	-3.89	-2.45	-4.86	-13.58	-16.90	-11.60	0.00	0.00	-0.26	-0.12	-2.41	-0.29	-0.76	-4.50	-2.00	0.00	0.00	0.00	0.00	0.00	-3.23	-7.58	-6.85
MILLWD	67.95	54.02	49.81	61.20	80.59	78.62	94.38	65.72	116.38	235.60	54.27	50.88	40.08	33.15	46.77	41.27	44.02	207.01	57.11	55.93	73.98	51.38	63.99	54.74
61759	1.66	2.90	3.13	3.01	0.94	-0.83	3.06	6.43	11.47	23.02	5.36	3.83	3.79	2.82	2.12	2.94	4.24	20.72	5.93	5.63	7.54	3.38	2.17	1.70
	-48.72	-20.38	-12.70	-24.98	-69.81	-88.31	-61.81	0.00	0.00	-1.44	-0.67	-13.28	-1.66	-4.25	-25.36	-11.33	0.00	0.00	0.00	0.00	0.00	-18.13	-42.40	-37.49
N.Y.C.	86.53	54.13	49.93	61.10	79.62	77.23	96.66	81.39	125.73	263.53	71.36	64.69	55.76	82.77	90.55	59.50	66.04	214.04	83.25	81.66	84.51	79.36	76.28	88.18
61761	1.85	3.23	3.43	3.28	1.01	-0.90	3.33	6.77	12.05	23.96	5.73	4.12	4.11	3.07	2.28	3.20	4.58	21.98	6.33	5.98	7.92	3.55	2.27	1.85
	-67.11	-20.15	-12.51	-24.61	-68.77	-86.99	-63.82	-15.33	-8.78	-28.43	-17.39	-26.80	-17.01	-53.62	-68.98	-29.31	-21.67	-5.76	-25.74	-25.37	-10.15	-45.93	-54.59	-70.78
NORTH	16.93	29.68	32.85	32.12	9.42	-8.49	27.97	57.03	100.93	203.05	46.34	32.49	33.41	25.24	18.56	26.09	38.49	179.64	49.35	48.54	64.12	28.74	18.75	14.99
61755	-0.63	-1.07	-1.13	-1.09	-0.42	0.37	-1.54	-2.26	-3.98	-8.09	-1.90	-1.28	-1.22	-0.84	-0.72	-0.91	-1.30	-6.66	-1.83	-1.76	-2.32	-1.14	-0.67	-0.56
	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	85.41	76.69	74.19	81.73	103.33	91.95	101.24	65.32	144.97	247.94	84.89	82.21	64.84	53.01	71.63	66.92	69.43	232.25	79.06	86.61	108.01	88.45	95.42	89.51
61845	1.41	2.45	2.68	2.60	0.80	-0.70	2.45	4.73	8.62	17.26	4.04	2.89	2.91	2.19	1.64	2.27	3.21	15.11	4.33	4.12	5.57	2.56	1.68	1.34
	-66.44	-43.49	-37.53	-45.92	-92.69	-101.52	-69.28	-1.30	-31.45	-19.55	-32.61	-45.54	-27.29	-24.75	-50.70	-37.65	-26.43	-30.83	-23.54	-32.19	-36.01	-56.02	-74.32	-72.63

O H 61846	23.13	31.33	48.82	34.32	19.25	1.02	36.43	55.58	97.93	209.49	44.83	33.00	32.00	24.69	21.38	26.10	36.24	172.89	46.90	46.45	60.74	29.90	23.88	19.66
	-1.40	-2.33	-2.58	-2.46	-0.39	0.57	-1.92	-3.71	-6.98	-13.25	-3.51	-2.66	-2.86	-1.99	-1.48	-2.50	-3.55	-13.41	-4.28	-3.84	-5.70	-2.53	-1.51	-1.18
	-6.97	-2.92	-17.42	-3.57	-9.80	-9.31	-8.84	0.00	0.00	-11.60	-0.10	-1.88	-0.23	-0.60	-3.57	-1.60	0.00	0.00	0.00	0.00	0.00	-2.55	-5.97	-5.29
PJM 61847	48.22	43.31	42.02	51.11	53.08	43.91	67.49	61.67	107.51	218.44	50.67	43.13	36.64	31.02	37.76	35.34	41.63	189.94	53.66	52.98	68.15	43.09	45.86	37.63
	0.13	0.35	0.43	0.38	0.24	-0.12	0.76	1.31	1.99	4.57	0.87	0.49	0.39	0.30	0.30	0.28	0.26	3.40	0.91	0.88	1.01	0.47	0.32	0.28
	-30.53	-12.22	-7.61	-17.52	-43.00	-52.90	-37.23	-1.07	-0.61	-2.73	-1.56	-8.87	-1.62	-4.64	-18.17	-8.06	-1.59	-0.23	-1.58	-1.80	-0.70	-12.74	-26.12	-21.81
WEST 61752	23.12	31.76	33.69	34.78	19.16	3.44	36.56	57.16	101.04	204.33	46.25	33.90	32.75	25.26	21.81	26.66	37.04	176.82	48.00	47.51	62.07	30.53	24.31	20.01
	-1.04	-1.74	-2.02	-1.82	-0.12	0.35	-1.31	-2.13	-3.87	-7.00	-2.08	-1.74	-2.11	-1.42	-1.07	-1.95	-2.75	-9.48	-3.18	-2.79	-4.37	-1.91	-1.11	-0.86
	-6.60	-2.76	-1.72	-3.38	-9.45	-11.95	-8.37	0.00	0.00	-0.20	-0.09	-1.86	-0.24	-0.60	-3.60	-1.61	0.00	0.00	0.00	0.00	0.00	-2.57	-6.01	-5.32